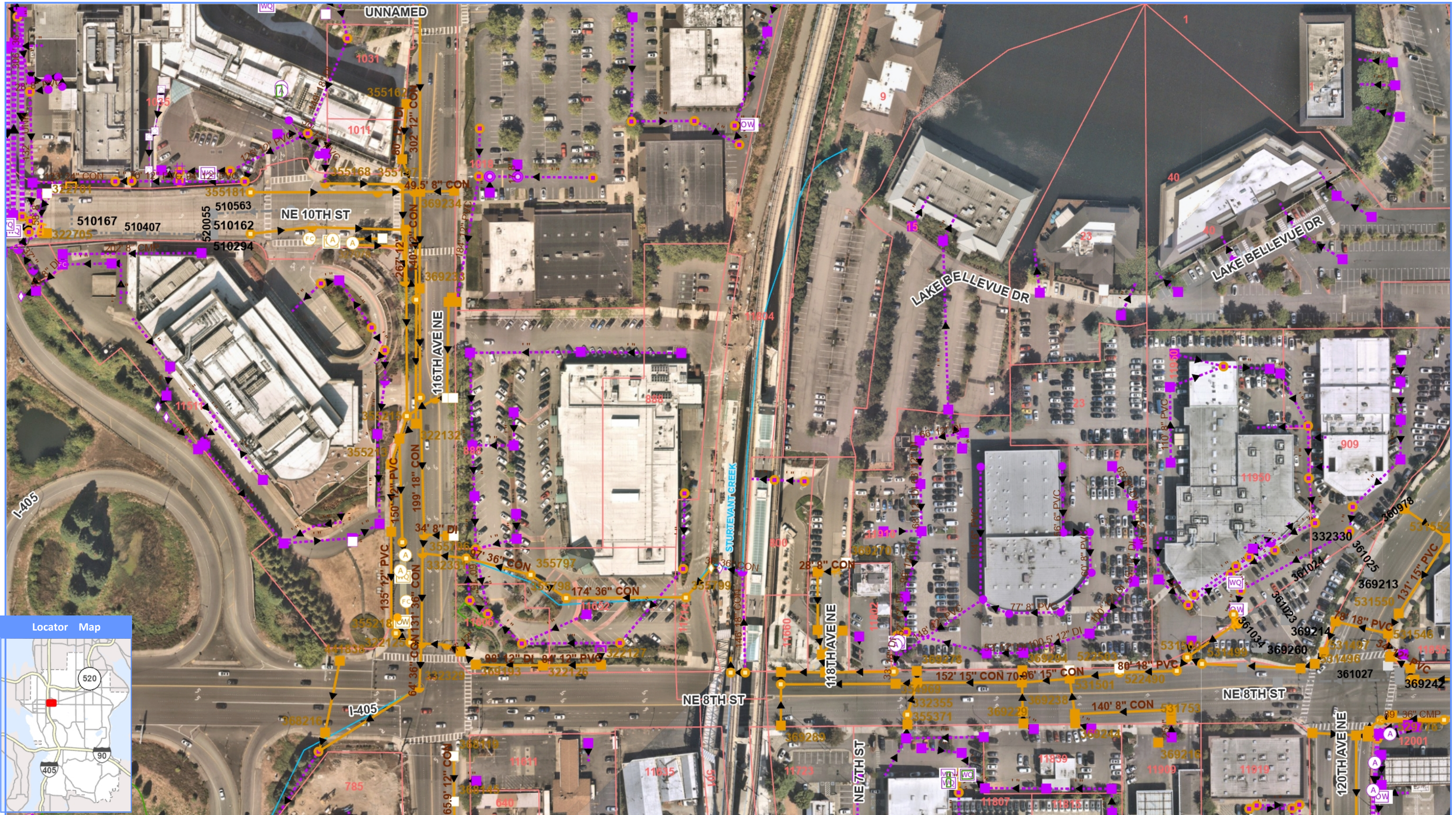


# APPENDIX D

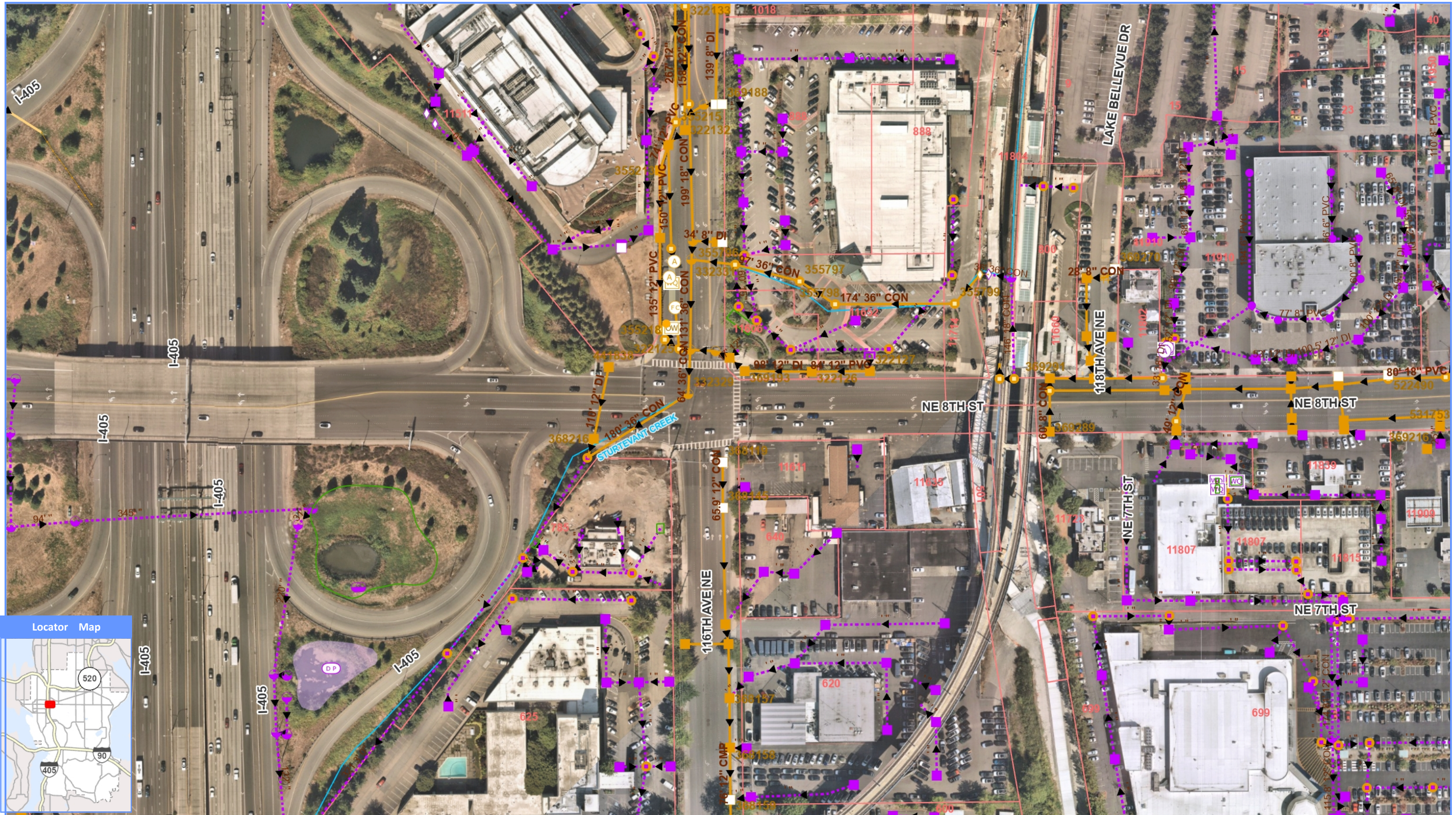
---

## AS-BUILT PLANS

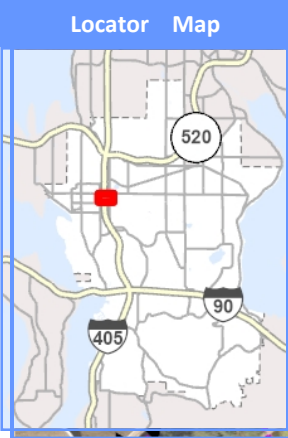
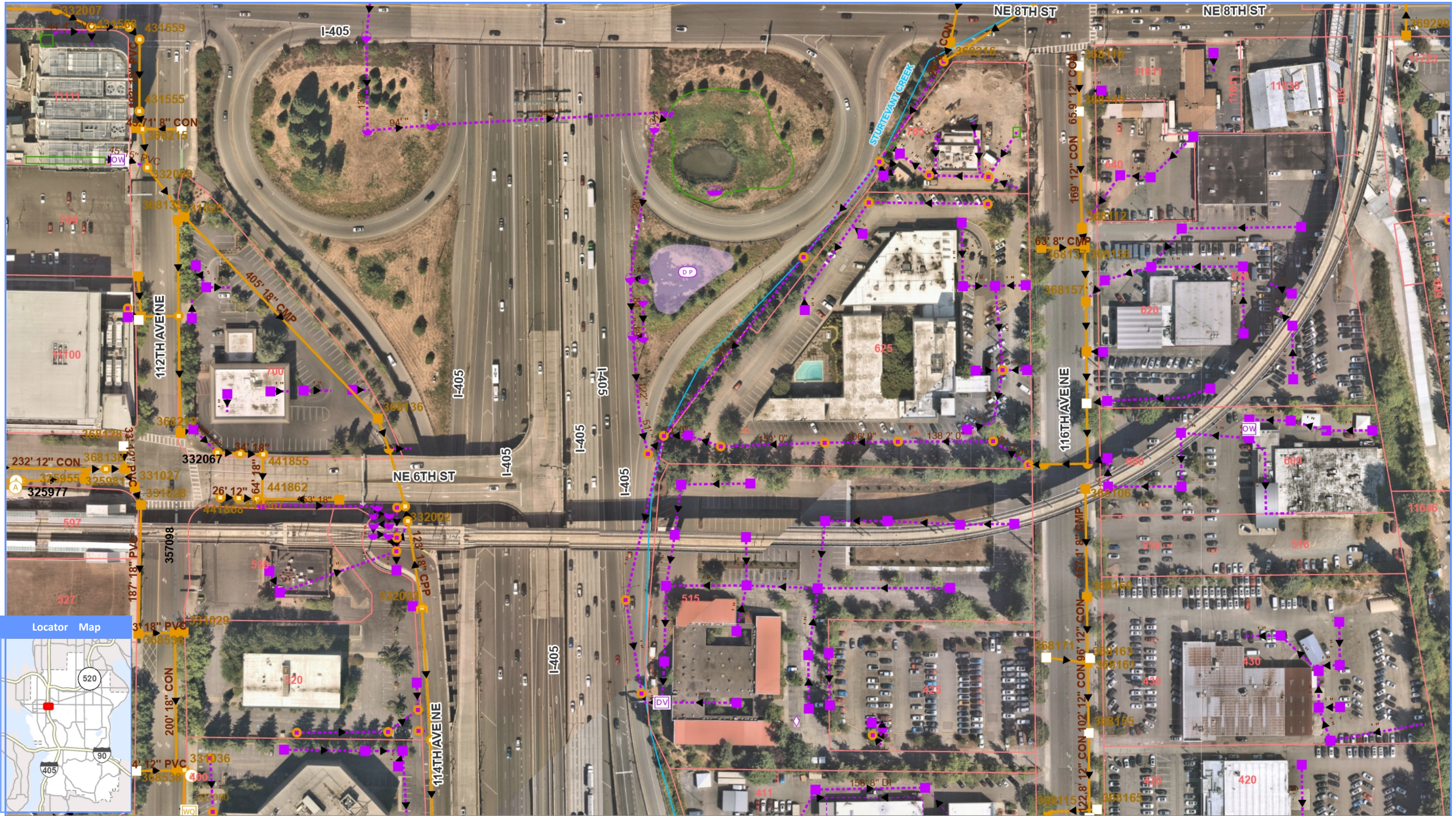




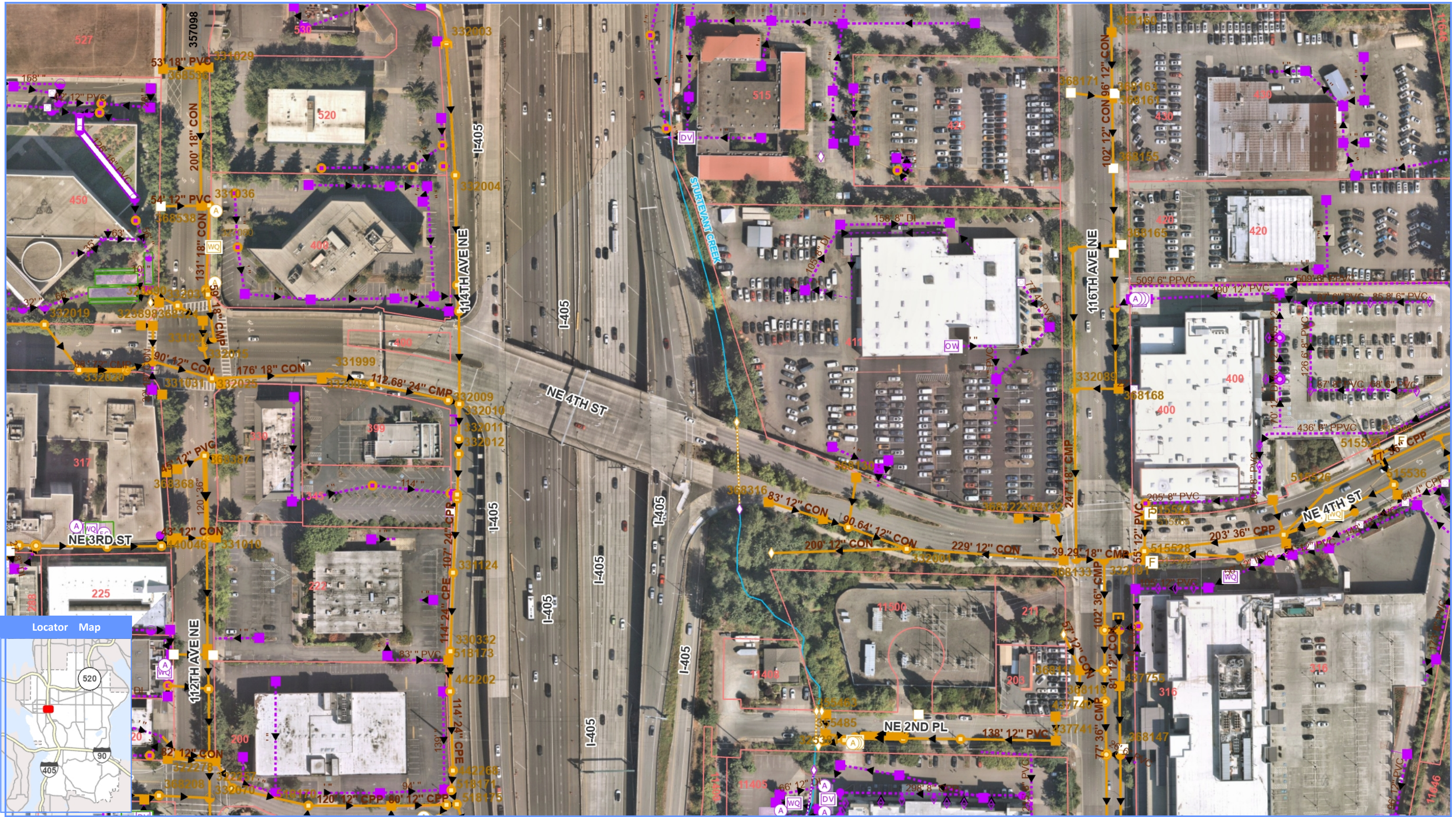




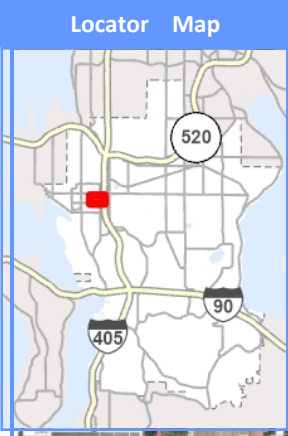
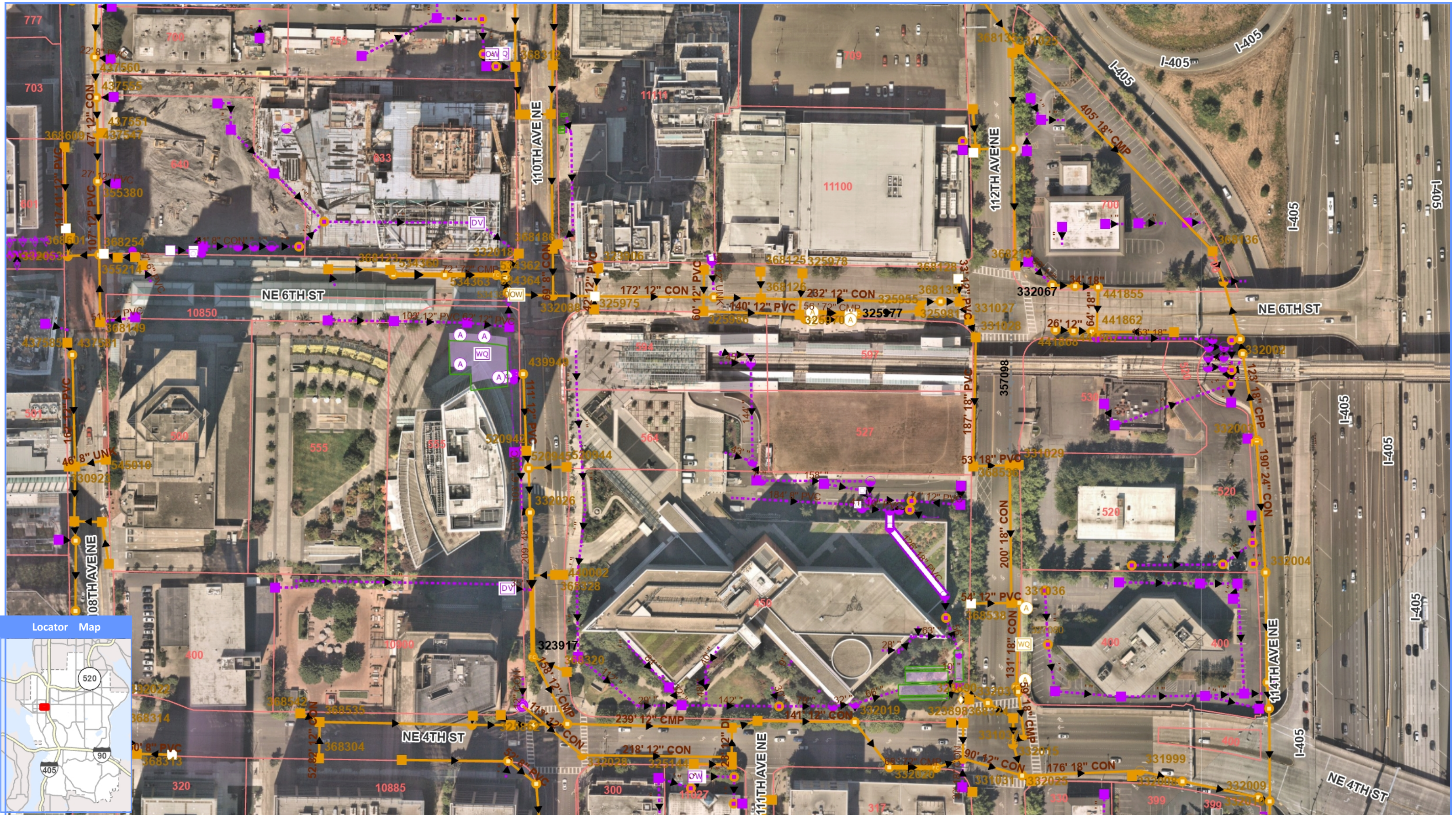




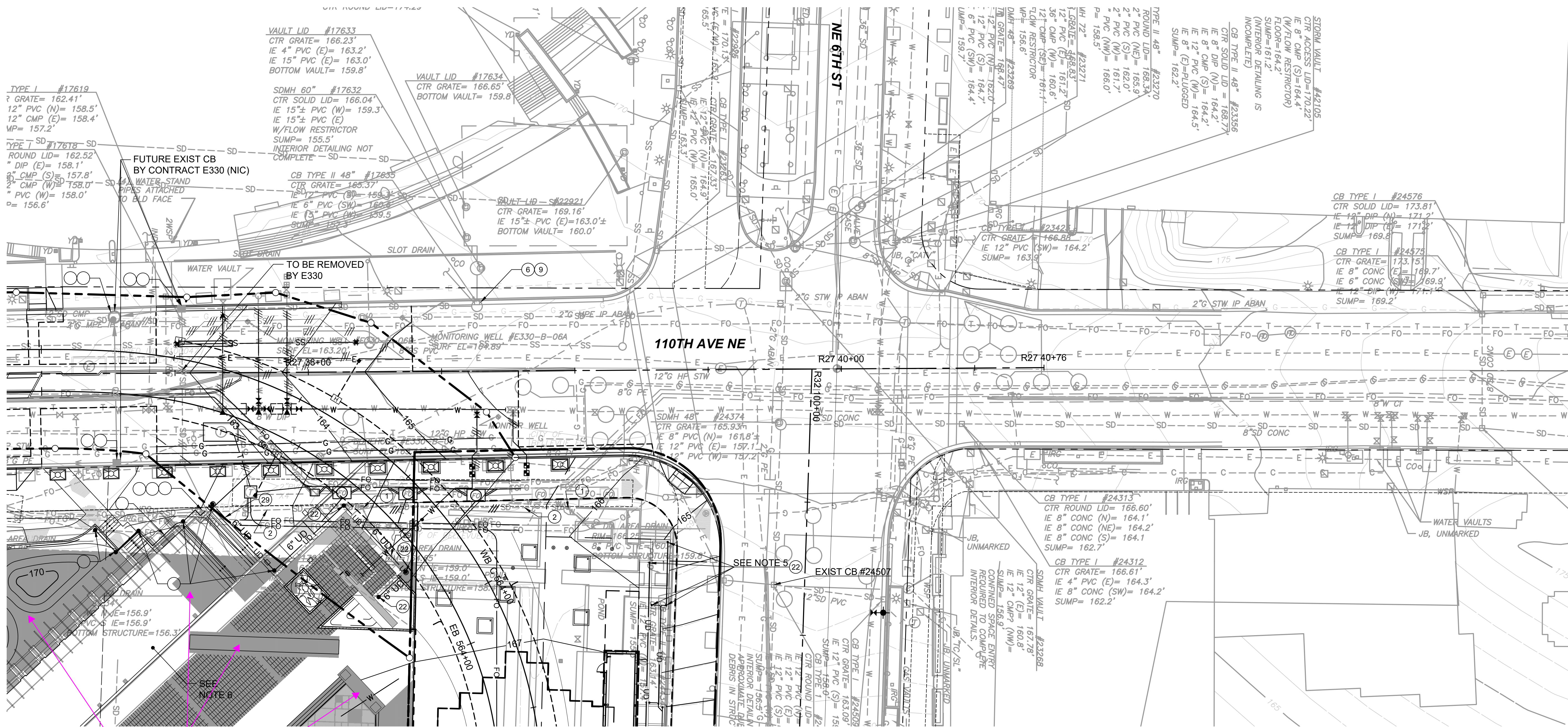












TYPE I #17619  
 ? GRATE= 162.41'  
 12" PVC (N)= 158.5'  
 12" CMP (E)= 158.4'  
 MP= 157.2'

VAULT LID #17633  
 CTR GRATE= 166.23'  
 IE 4" PVC (E)= 163.2'  
 IE 15" PVC (E)= 163.0'  
 BOTTOM VAULT= 159.8'

VAULT LID #17634  
 CTR GRATE= 166.65'  
 BOTTOM VAULT= 159.8'

SDMH 60" #17632  
 CTR SOLID LID= 166.04'  
 IE 15"± PVC (W)= 159.3'  
 IE 15"± PVC (E)  
 W/FLOW RESTRICTOR  
 SUMP= 155.5'  
 INTERIOR DETAILING NOT COMPLETE

CB TYPE II 48" #17835  
 CTR GRATE= 165.37'  
 IE 12" PVC (S)= 159.3'  
 IE 6" PVC (SW)= 160.9'  
 IE 12" PVC (W)= 159.5'

VAULT LID #22921  
 CTR GRATE= 169.16'  
 IE 15"± PVC (E)= 163.0'±  
 BOTTOM VAULT= 160.0'

TYPE II 48" #23270  
 ROUND LID= 168.34'  
 2" PVC (N)= 168.9'  
 2" PVC (S)= 162.0'  
 2" PVC (W)= 161.7'  
 P= 158.5'  
 WH 72" #23271  
 1" GRATE= 168.83'  
 12" PVC (E)= 161.2'  
 36" CMP (N)= 160.6'  
 12" CMP (S)= 161.1'  
 L/W RESTRICTOR  
 WP= 156.6'  
 DMH 48" #23269  
 7M GRATE= 168.47'  
 12" PVC (N)= 162.0'  
 12" PVC (S)= 164.7'  
 6" PVC (SW)= 164.4'  
 UMP= 159.7'

STORM VAULT #2105  
 CTR ACCESS LID= 170.22'  
 IE 8" CMP (S)= 164.4'  
 (W/FLOW RESTRICTOR)  
 FLOOR= 164.2'  
 SUMP= 161.2'  
 (INTERIOR DETAILING IS INCOMPLETE)

CB TYPE I #24576  
 CTR SOLID LID= 173.81'  
 IE 12" DIP (N)= 171.2'  
 IE 12" DIP (E)= 171.3'  
 SUMP= 169.8'

CB TYPE I #24574  
 CTR GRATE= 173.15'  
 IE 8" CONC (E)= 169.7'  
 IE 6" CONC (SW)= 169.9'  
 IE 12" DIP (W)= 171.1'  
 SUMP= 169.2'

CB TYPE I #24313  
 CTR ROUND LID= 166.60'  
 IE 8" CONC (N)= 164.1'  
 IE 8" CONC (NE)= 164.2'  
 IE 8" CONC (S)= 164.1'  
 SUMP= 162.7'

CB TYPE I #24312  
 CTR GRATE= 166.61'  
 IE 4" PVC (E)= 164.3'  
 IE 8" CONC (SW)= 164.2'  
 SUMP= 162.2'

EXIST CB #24507  
 SDMH VAULT #23268  
 CTR GRATE= 167.78'  
 IE 12" (E)= 160.8'  
 IE 12" CMP (NW)=  
 SUMP= 156.9'

SEE DWG L86-CDP143

SEE DWG L86-CDP108

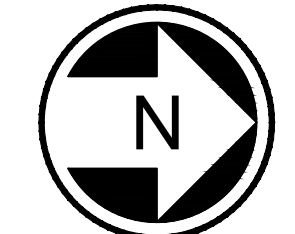
NTD - turn off gray shades for clarity. see 07112023 set

**NOTES:**

- FOR GENERAL NOTES AND CONSTRUCTION NOTES, SEE DRAWINGS L86-CZN701 AND L86-CZN703. FOR SYMBOLS, SEE DWG G86-GZN007.
- FOR UTILITIES, SEE UTILITY PLAN DRAWINGS L86-UCP100 THRU L86-UCP160.
- FOR ILLUMINATION, SEE DRAWINGS L86-CLP100 THRU L86-CLP143.
- FOR SYSTEMS DUCT BANK AND VAULTS, SEE DRAWINGS L86-JEP100 THRU L86-JEP118.
- FOR PLANTER UNDER DRAIN INFO, SEE DETAIL 6/L86-CDD104.
- SEE DWGS E15-LSP101 AND E15-LSP104 FOR PLAZA PLAN.

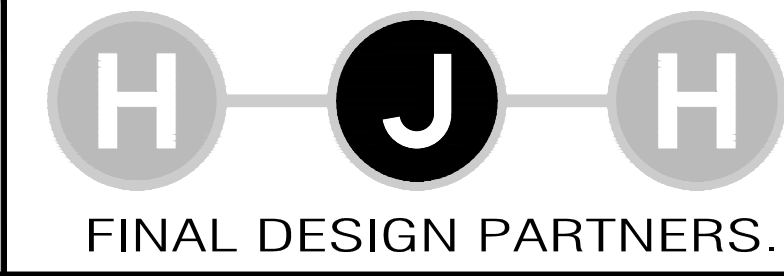
**CONSTRUCTION NOTES:**

- REMOVE EXISTING SD STRUCTURE.
- REMOVE EXISTING SD PIPE.
- ADJUST RIM ELEVATION TO GRADE PER CITY OF BELLEVUE STANDARD DETAIL D-23.
- CONNECT TO EXISTING SD STRUCTURE.
- EXISTING SD STRUCTURE TO REMAIN. PROTECT IN PLACE.
- INSTALL UNDERDRAIN CLEANOUT, SEE DWG STD-CDD003 FOR DETAILS.
- INSTALL CIP WALL UNDERDRAIN. SEE DETAILS ON DWG STD-SWD114.



**FINAL AS BUILT**

DESIGNED BY:  
A. THOM  
 DRAWN BY:  
A. THOM  
 CHECKED BY:  
A. SEETHOFF  
 APPROVED BY:  
M. COWARD



LINE IS 1" AT FULL SCALE



SCALE:  
1" = 20'  
 FILENAME:  
E335-L86-CDP107  
 CONTRACT No.:  
RTA/CN 0045-14C  
 DATE:  
02/2017

**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 CIVIL  
 DRAINAGE PLAN

DRAWING No.:  
**L86-CDP107**  
 LOCATION ID:  
E14  
 SHEET No.:  
364  
 REV:  
0

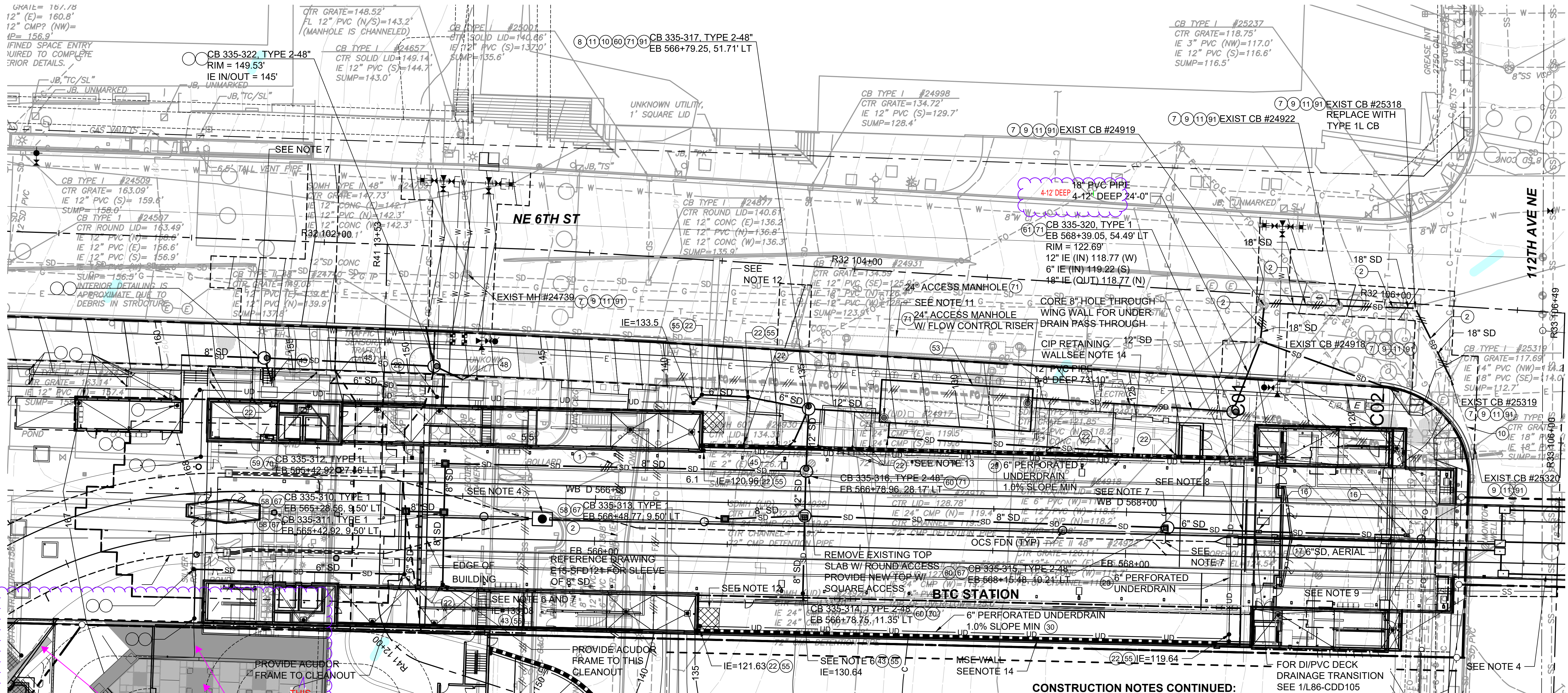
SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017





SEE DWG L86-CDP109

**NOTES CONT'D:**

- FOR GENERAL NOTES AND CONSTRUCTION NOTES, SEE DRAWINGS L86-CZN701 AND L86-CZN703. FOR SYMBOLS, SEE DRAWINGS L86-CZN701 AND L86-CZN703. FOR SYMBOLS, SEE DRAWINGS L86-CZN701 AND L86-CZN703.
- FOR UTILITIES, SEE UTILITY PLAN DRAWINGS
- FOR ILLUMINATION, SEE DRAWINGS L86-CLP100 THRU
- FOR SYSTEMS DUCT BANK AND VAULTS, SEE
- FOR STORM DRAINAGE PROFILES, SEE DRAWING
- CONNECT TO UTILITY TRENCH DRAINAGE. SEE
- CONNECT TO STATION DRAINAGE. SEE MECHANICAL
- 8. SLEEVE SD PIPE THROUGH ABUTMENT AND DIAPHRAGM. SEE DWGS L86-SBD101 AND L86-SGS231.
- 9. FOR AERIAL GUIDEWAY DOWNSPOUT TREATMENT AT BENT CAP AND DIAPHRAGM, SEE DWGS L86-SBD111 AND L86-SGS232.
- 10. GUIDEWAY DRAIN, SEE DWG STD-CDD006 FOR AERIAL DRAIN DETAIL.
- 11. EXISTING STORM DRAIN VAULT. PROTECT IN PLACE.
- 12. 8' x 8' CLEAR AREA FOR POTENTIAL FUTURE SKY BRIDGE STRUCTURE.
- 13. FOR PLANTER UNDER DRAIN INFO, SEE DETAIL 6/L86-CDD104.
- 14. FOR WALL INFORMATION SEE DWG E15-SWP901.

NTD - turn off gray shades for clarity, see 07112023 set

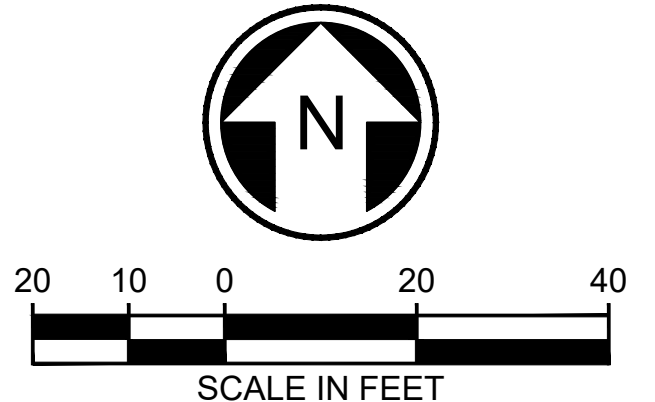
**SEE DWG L86-CDP143**

**CONSTRUCTION NOTES:**

- 1 REMOVE EXISTING SD STRUCTURE.
- 2 REMOVE EXISTING SD PIPE.
- 7 CONNECT TO EXISTING SD STRUCTURE.
- 8 CONNECT TO EXISTING SD PIPE.
- 9 EXISTING SD STRUCTURE TO REMAIN. PROTECT IN PLACE.
- 10 EXISTING SD PIPE TO REMAIN. PROTECT IN PLACE.
- 11 CONTRACTOR TO FIELD LOCATE AND VERIFY LOCATIONS AND CONNECTIONS OF THE EXISTING STORM LINE PRIOR TO CONSTRUCTION ACTIVITIES.
- 16 AERIAL GUIDEWAY DRAIN ON STRUCTURE. CONNECT TO SD SYSTEM. SEE DWG STD-SED120 FOR BRIDGE DRAIN.
- 17 FOR AERIAL DRAIN PIPING BELOW STRUCTURE, SEE DETAILS ON DWGS L86-SGS221-222. SEE DWG STD-SED121 FOR PIPE SUPPORT DETAILS.
- 22 INSTALL UNDERDRAIN CLEANOUT, SEE DWG STD-CDD003 FOR DETAILS. CLEANOUTS FOR UNDERDRAIN AREA 8" THREADED CAPS INSTEAD OF DUCTILE IRON LIDS.
- 29 INSTALL CIP WALL UNDERDRAIN. SEE DETAILS ON DWG STD-SWD114.
- 30 INSTALL MSE WALL UNDERDRAIN. SEE DETAILS ON DWG STD-SWD132.
- 43 CONNECT TO CANOPY DOWNSPOUT OR PIPE. SEE MECH DWGS.

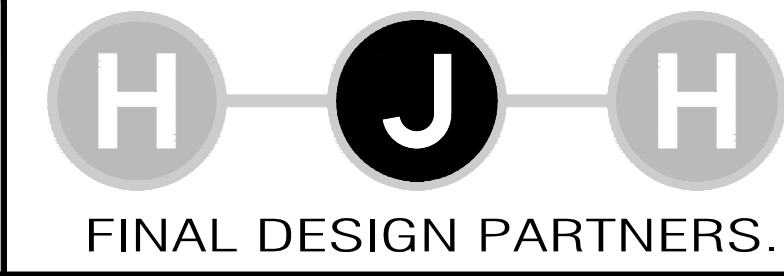
**CONSTRUCTION NOTES CONTINUED:**

- 45 CONNECT DOWNSPOUTS TO STORM DRAIN BELOW GROUND SURFACE AND INSTALL CLEANOUT PER DETAIL ON DWG STD-CDD003. SEE MECH DWGS FOR ROOF AND PLATFORM DOWNSPOUT LOCATIONS.
- 48 INSTALL DRAIN FOR WATER VAULT. SEE UCP DRAWINGS FOR MORE INFORMATION.
- 53 INSTALL DETENTION VAULT PER DETAILS ON DWG L86-CDD101, AND CITY OF BELLEVUE DETAIL D-32.
- 55 INSTALL CLEANOUT TO GRADE PER CITY OF BELLEVUE STANDARD DETAIL D-52.
- 58 INSTALL CATCH BASIN TYPE 1 PER CITY OF BELLEVUE STANDARD DETAIL D-2.
- 59 INSTALL CATCH BASIN TYPE 1L PER CITY OF BELLEVUE STANDARD DETAIL D-3.
- 60 INSTALL CATCH BASIN TYPE 2 PER CITY OF BELLEVUE STANDARD DETAIL D-4 AND LADDER, STEP, AND TOP SLAB DETAIL PER D-5.
- 61 INSTALL MANHOLE TYPE 1 PER CITY OF BELLEVUE STANDARD DETAIL D-17 AND LADDER, STEP, AND TOP SLAB PER DETAIL D-5.
- 67 INSTALL WITH VANED GRATE PER CITY OF BELLEVUE STANDARD DETAIL D-6.
- 70 INSTALL WITH RECTANGULAR SOLID COVER PER CITY OF BELLEVUE STANDARD DETAILS D-8 AND D-9.
- 71 INSTALL RING FRAME AND SOLID LOCKING LID PER CITY OF BELLEVUE STANDARD DETAIL D-22.
- 91 MAINTAIN EXISTING DRAINAGE DURING CONSTRUCTION. TEMPORARY DRAINAGE REROUTE REQUIRED.



**FINAL AS BUILT**

DESIGNED BY:	A. THOM
DRAWN BY:	A. THOM
CHECKED BY:	A. SEETHOFF
APPROVED BY:	M. COWARD



SUBMITTED BY:  
JUSTIN S. WHEELER

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

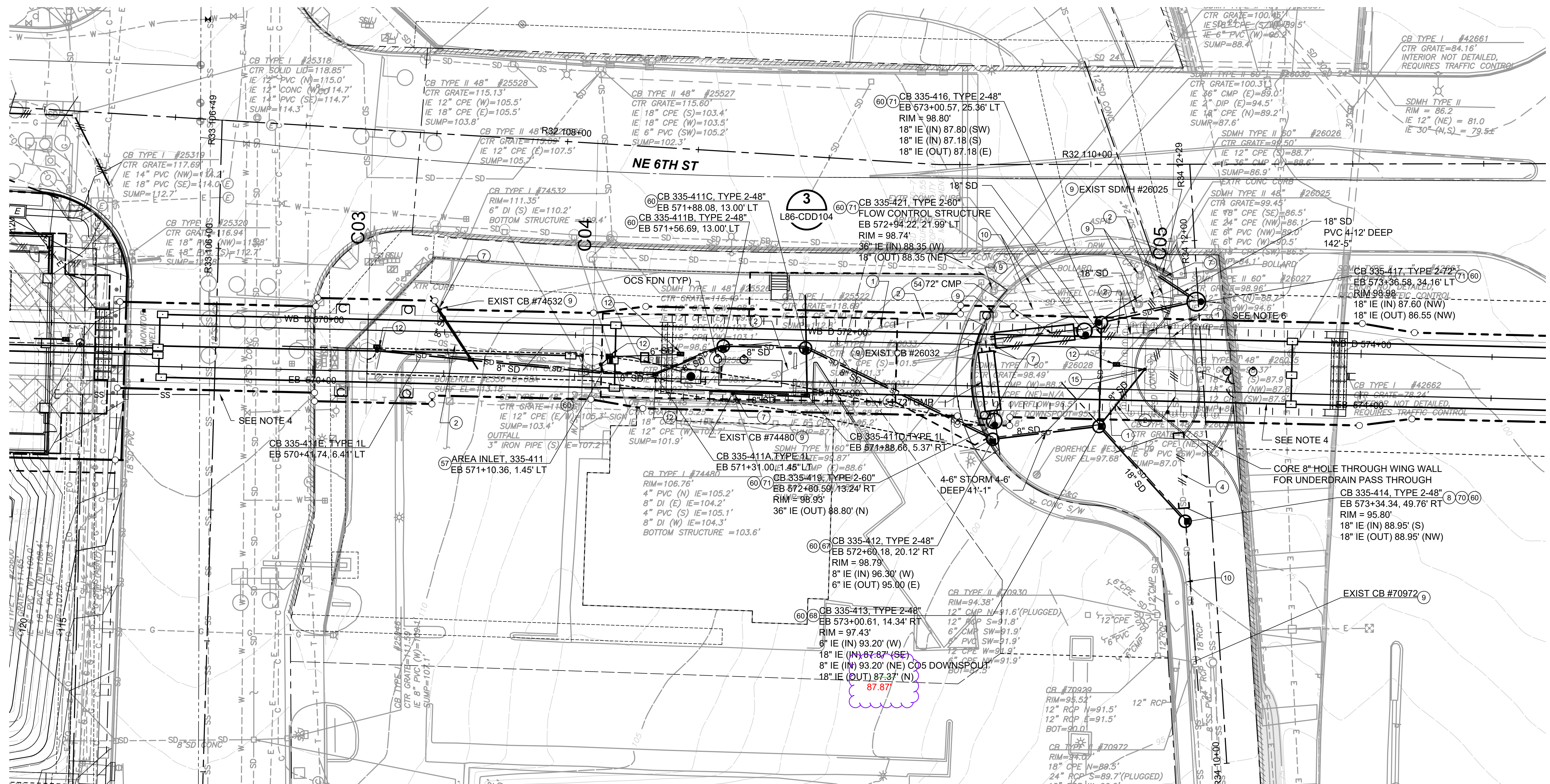
DATE:  
02/2017

SCALE:	1" = 20'
FILENAME:	E335-L86-CDP108
CONTRACT No.:	RTA/CN 0045-14C
DATE:	10/2019

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
  
CIVIL  
DRAINAGE PLAN

DRAWING No.:	L86-CDP108
LOCATION ID:	E15
SHEET No.:	365
REV:	0





SEE DWG L86-CDP110

**NOTES CONT'D:**

- FOR GENERAL NOTES AND CONSTRUCTION NOTES, SEE DRAWINGS L86-CZN701 AND L86-CZN703. FOR UTILITIES, SEE UTILITY PLAN DRAWINGS
- FOR ILLUMINATION, SEE DRAWINGS L86-CLP100
- FOR SYSTEMS DUCT BANK AND VAULTS, SEE DRAWINGS L86-JEP100 THRU L86-JEP118.
- 5. FOR STORM DRAINAGE PROFILES, SEE DWG L86-CDV401.
- 6. RELOCATE EXISTING FLOW CONTROL RISER FROM EXISTING STRUCTURE #26028 TO NEW CB 335-421. SEE DETAIL 3/L86-CDD104.
- 7. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF PAVEMENT DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.

**CONSTRUCTION NOTES:**

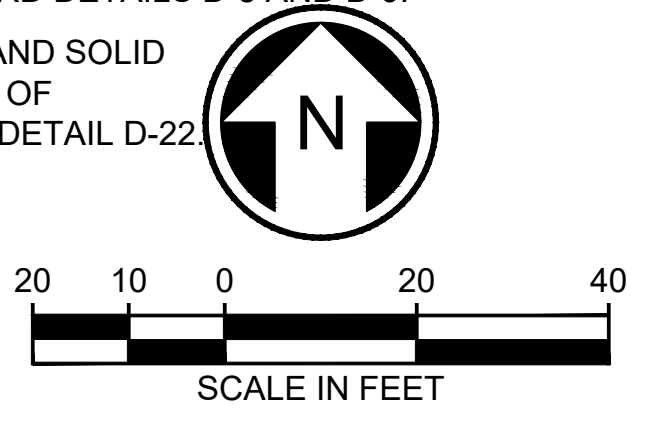
- 1 REMOVE EXISTING SD STRUCTURE.
- 2 REMOVE EXISTING SD PIPE.
- 4 PLUG AND ABANDON SD PIPE. FILL WITH CDF.
- 7 CONNECT TO EXISTING SD STRUCTURE.
- 8 CONNECT TO EXISTING SD PIPE.
- 9 EXISTING SD STRUCTURE TO REMAIN. PROTECT IN PLACE.
- 10 EXISTING SD PIPE TO REMAIN. PROTECT IN PLACE.
- 12 AERIAL GUIDEWAY DRAIN ON STRUCTURE ABOVE. CONNECT TO DOWNSPOUT AS SHOWN ON PLANS. SEE DWG STD-SED120 FOR BRIDGE DRAIN AND STD-CDD006 FOR PEDESTRIAN ADJACENT DISCHARGE DETAIL.
- 15 FOR DOWNSPOUTS ON LONG-SPAN PIERS, SEE DWGS L86-SDE801-803.

**CONSTRUCTION NOTES CONT'D:**

- 54 INSTALL DETENTION PIPE PER DETAILS ON L86-CDD104 AND CITY OF BELLEVUE STANDARD DETAIL D-31.
- 57 INSTALL AREA INLET PER CITY OF BELLEVUE STANDARD DETAIL D-16.
- 58 INSTALL CATCH BASIN TYPE 1 PER CITY OF BELLEVUE STANDARD DETAIL D-2.
- 60 INSTALL CATCH BASIN TYPE 2 PER CITY OF BELLEVUE STANDARD DETAIL D-4 AND LADDER, STEP, AND TOP SLAB DETAIL PER D-5.
- 67 INSTALL WITH VANED GRATE PER CITY OF BELLEVUE STANDARD DETAIL D-6.
- 68 INSTALL WITH HERRINGBONE GRATE PER CITY OF BELLEVUE STANDARD DETAIL D-7.

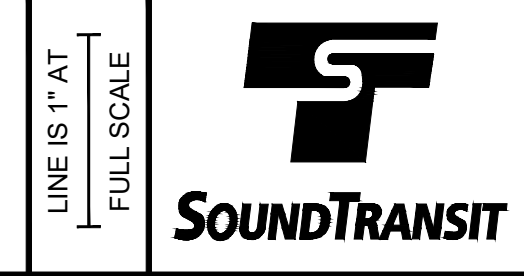
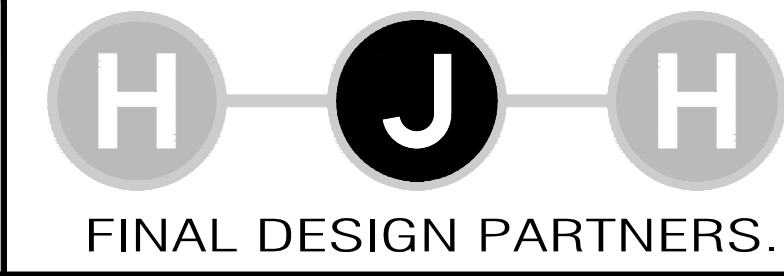
**CONSTRUCTION NOTES CONT'D:**

- 70 INSTALL WITH RECTANGULAR SOLID COVER PER CITY OF BELLEVUE STANDARD DETAILS D-8 AND D-9.
- 71 INSTALL RING FRAME AND SOLID LOCKING LID PER CITY OF BELLEVUE STANDARD DETAIL D-22.



**FINAL AS BUILT**

DESIGNED BY:	A. THOM
DRAWN BY:	A. THOM
CHECKED BY:	A. SEETHOFF
APPROVED BY:	M. COWARD



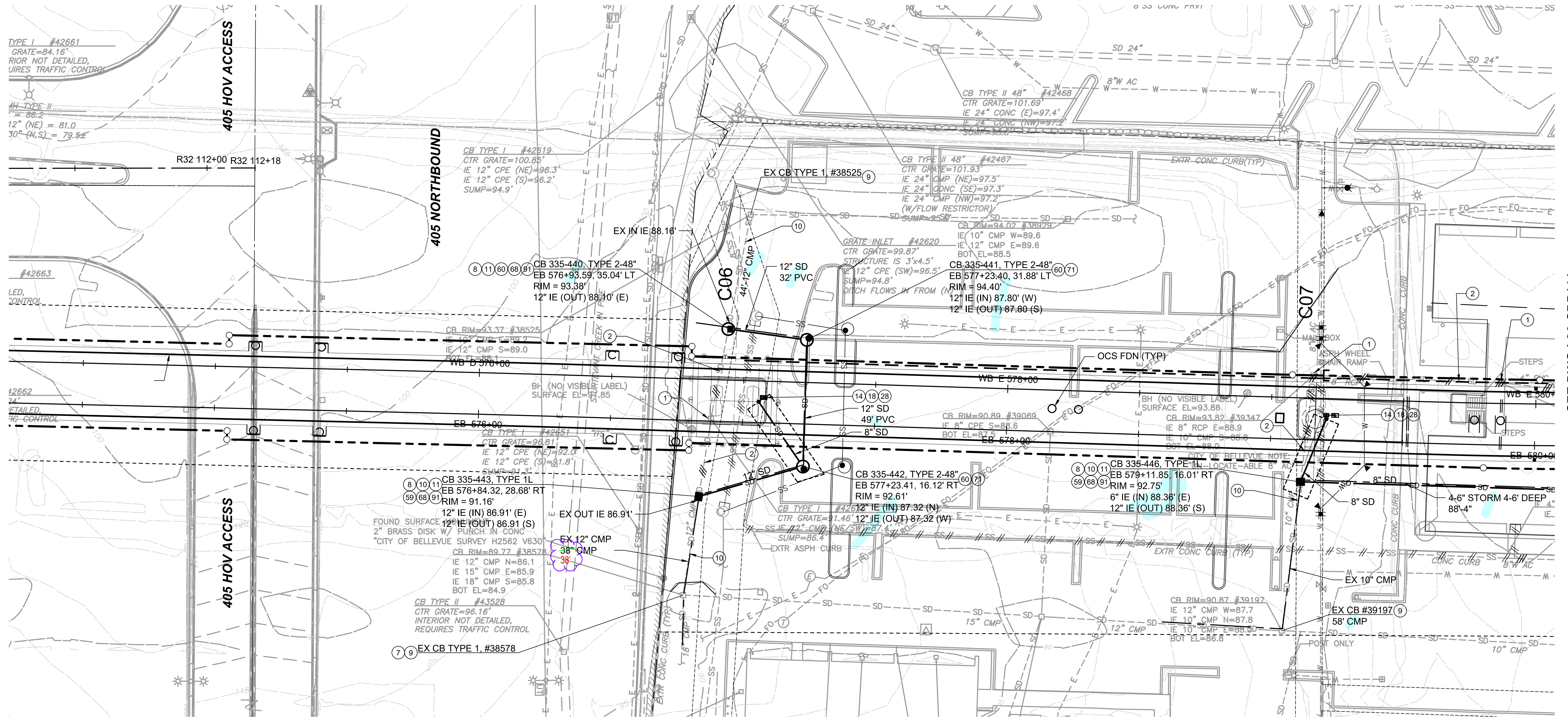
SUBMITTED BY:	DATE:	REVIEWED BY:	DATE:
KEVIN R. COLLINS	02/2017	A. DEWITT JENSEN	02/2017

SCALE:	1" = 20'
FILENAME:	E335-L86-CDP109
CONTRACT No.:	RTA/CN 0045-14C
DATE:	07/2018

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
CIVIL  
DRAINAGE PLAN

DRAWING No.:	L86-CDP109
LOCATION ID:	E15/E16
SHEET No.:	366
REV:	0





SEE DWG L86-CDP111

**NOTES:**

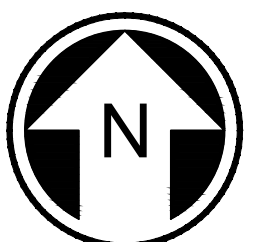
1. FOR GENERAL NOTES AND CONSTRUCTION NOTES, SEE DRAWINGS L86-CZN701 AND L86-CZN703. FOR SYMBOLS, SEE DWG G86-GZN007.
2. FOR UTILITIES, SEE UTILITY PLAN DRAWINGS L86-UCP100 THRU L86-UCP160.
3. FOR ILLUMINATION, SEE DRAWINGS L86-CLP100 THRU L86-CLP143.
4. FOR SYSTEMS DUCT BANK AND VAULTS, SEE DRAWINGS L86-JEP100 THRU L86-JEP118.
5. FOR STORM DRAINAGE PROFILES, SEE DRAWINGS L86-CDV401-402.

**CONSTRUCTION NOTES:**

1. REMOVE EXISTING SD STRUCTURE.
2. REMOVE EXISTING SD PIPE.
7. CONNECT TO EXISTING SD STRUCTURE.
8. CONNECT TO EXISTING SD PIPE.
9. EXISTING SD STRUCTURE TO REMAIN. PROTECT IN PLACE.
10. EXISTING SD PIPE TO REMAIN. PROTECT IN PLACE.
11. CONTRACTOR TO FIELD LOCATE AND VERIFY LOCATIONS AND CONNECTIONS OF THE EXISTING STORM LINE PRIOR TO CONSTRUCTION ACTIVITIES.
14. AERIAL GUIDEWAY DRAIN ON STRUCTURE ABOVE. CONNECT TO DOWNSPOUT AS SHOWN ON PLANS. SEE DWG STD-SED120 FOR BRIDGE DRAIN AND L86-CDD005 FOR GROUND DISCHARGE DETAIL.
18. CONNECT DOWNSPOUT TO DRAINAGE STRUCTURE OR OUTFALL SHOWN ON PLAN. STORM DRAIN AT 2% MIN SLOPE PER DETAIL 1/L86-CDD105.
28. COORDINATE WITH SHAFT CONSTRUCTION AND INSTALLATION.
59. INSTALL CATCH BASIN TYPE 1L PER CITY OF BELLEVUE STANDARD DETAIL D-3.

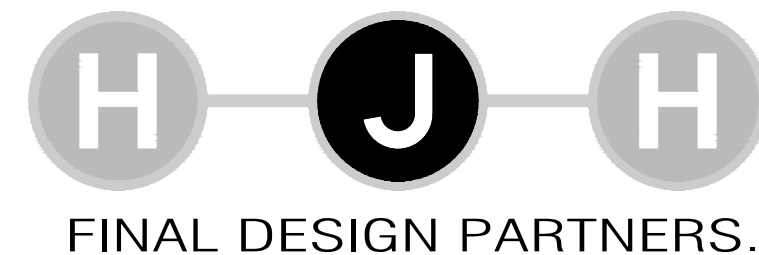
**CONSTRUCTION NOTES CONT'D:**

60. INSTALL CATCH BASIN TYPE 2 PER CITY OF BELLEVUE STANDARD DETAIL D-4 AND LADDER, STEP, AND TOP SLAB DETAIL PER D-5.
68. INSTALL WITH HERRINGBONE GRATE PER CITY OF BELLEVUE STANDARD DETAIL D-7.
71. INSTALL RING FRAME AND SOLID LOCKING LID PER CITY OF BELLEVUE STANDARD DETAIL D-22.
91. MAINTAIN EXISTING DRAINAGE DURING CONSTRUCTION. TEMPORARY DRAINAGE RE-ROUTE REQUIRED.



**FINAL AS BUILT**

DESIGNED BY:	A. THOM
DRAWN BY:	A. THOM
CHECKED BY:	A. SEETHOFF
APPROVED BY:	M. COWARD



LINE IS 1" AT FULL SCALE



SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017

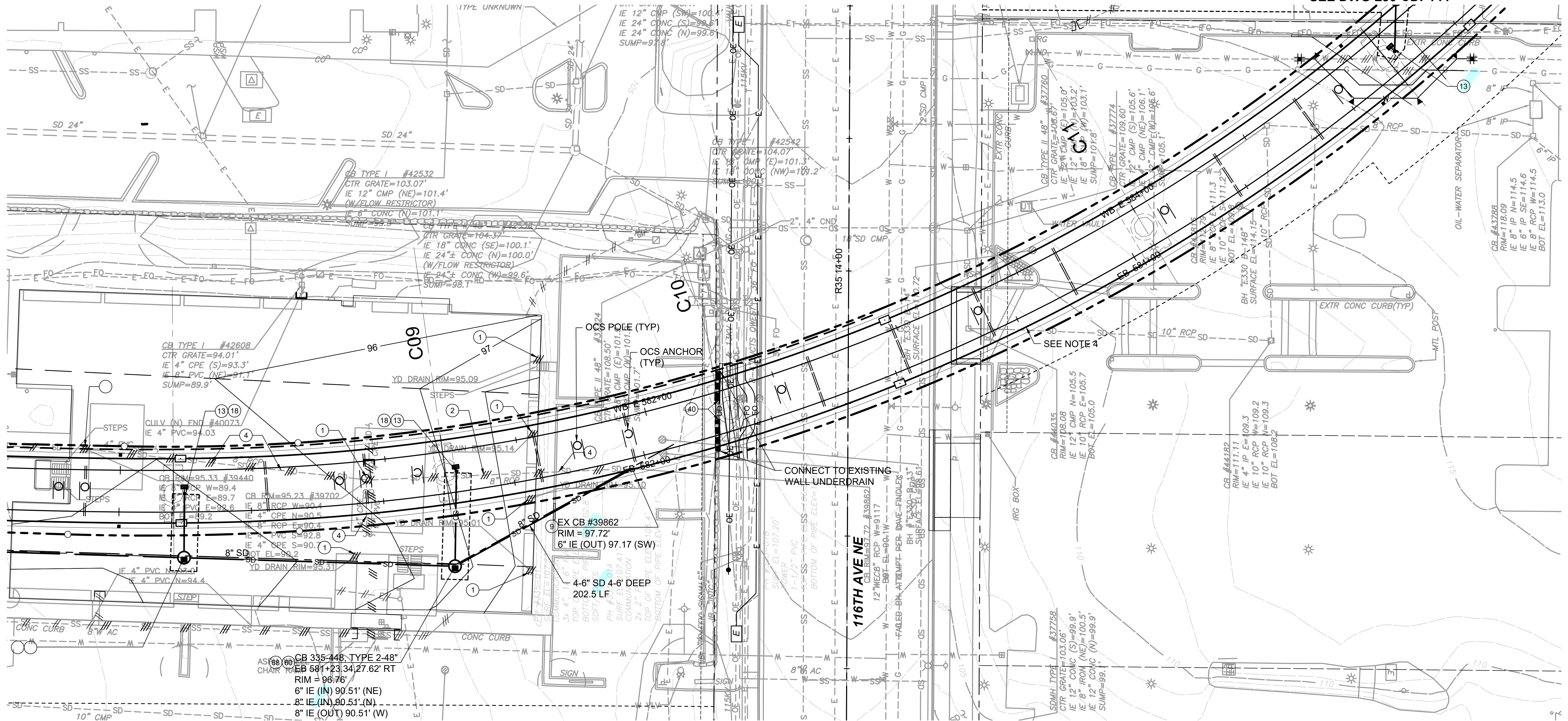
SCALE:	1" = 20'
FILENAME:	E335-L86-CDP110
CONTRACT No.:	RTA/CN 0045-14C
DATE:	02/2017

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
CIVIL  
DRAINAGE PLAN

DRAWING No.:	L86-CDP110
LOCATION ID:	E18
SHEET No.:	367
REV:	0



SEE DWG L86-CDP144



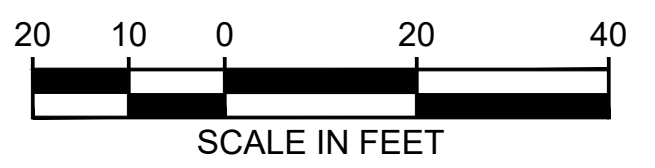
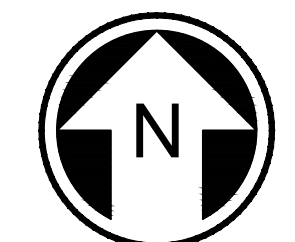
SEE DWG L86-CDP112

**NOTES:**

1. FOR GENERAL NOTES AND CONSTRUCTION NOTES, SEE DRAWING L86-CZN701 AND CZN703. FOR SYMBOLS, SEE DRAWING G86-GZN007.
2. FOR UTILITIES, SEE UTILITY PLAN DRAWINGS L86-UCP100 THRU L86-UCP160.
3. FOR ILLUMINATION, SEE ILLUMINATION PLAN DRAWINGS L86-CLP100 THRU L86-CLP143.
4. FOR SYSTEMS DUCTBANK AND VAULTS, SEE DRAWINGS L86-JEP100 THRU L86-JEP1218.
5. FOR STORM DRAIN PROFILES SEE DRAWING L86-CDV402.
6. EXISTING STORM DRAINAGE INFRASTRUCTURE IMPACTED WITHIN CONSTRUCTION STAGING SITES SHALL BE RESTORED TO PRECONSTRUCTION CONDITION.

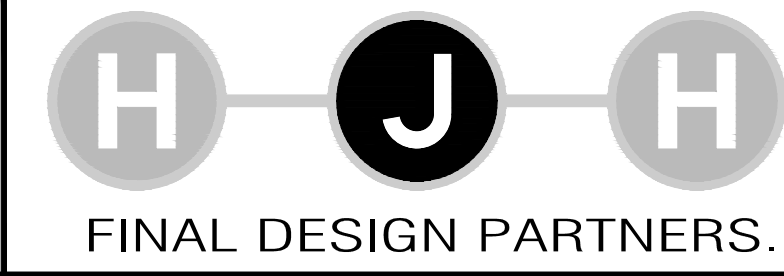
**CONSTRUCTION NOTES:**

- ① REMOVE EXISTING SD STRUCTURE.
- ② REMOVE EXISTING SD PIPE.
- ④ PLUG AND ABANDON SD PIPE. FILL WITH CDF.
- ⑨ EXISTING SD STRUCTURE TO REMAIN. PROTECT IN PLACE.
- ⑫ AERIAL GUIDEWAY DRAIN ON STRUCTURE ABOVE. CONNECT TO DOWNSPOUT AS SHOWN ON PLANS. SEE DWG STD-SED120 FOR BRIDGE DRAIN AND STD-CDD006 FOR PEDESTRIAN ADJACENT DISCHARGE DETAIL.
- ⑬ AERIAL GUIDEWAY DRAIN ON STRUCTURE ABOVE. CONNECT TO DOWNSPOUT AS SHOWN ON PLANS. SEE DWG STD-SED120 FOR BRIDGE DRAIN AND STD-CDD006 FOR NON-PEDESTRIAN ADJACENT DISCHARGE DETAIL.
- ⑱ CONNECT DOWNSPOUT TO DRAINAGE STRUCTURE OR OUTFALL SHOWN ON PLAN. STORM DRAIN AT 2% MIN SLOPE PER DETAIL 1/L86-CDD105.
- ④⑩ INSTALL ROCKERY WALL UNDERDRAIN. SEE DWG L86-SWD114.
- ⑥⑩ INSTALL CATCH BASIN TYPE 2 PER CITY OF BELLEVUE STANDARD DETAIL D-4 AND LADDER, STEP, AND TOP SLAB DETAIL PER D-5.
- ⑥⑩ INSTALL WITH HERRINGBONE GRATE PER CITY OF BELLEVUE STANDARD DETAIL D-7.



**FINAL AS BUILT**

DESIGNED BY: A. THOM
DRAWN BY: A. THOM
CHECKED BY: A. SEETHOFF
APPROVED BY: M. COWARD



LINE IS 1" AT FULL SCALE



SUBMITTED BY: KEVIN R. COLLINS	DATE: 02/2017	REVIEWED BY: A. DEWITT JENSEN	DATE: 02/2017
-----------------------------------	------------------	----------------------------------	------------------

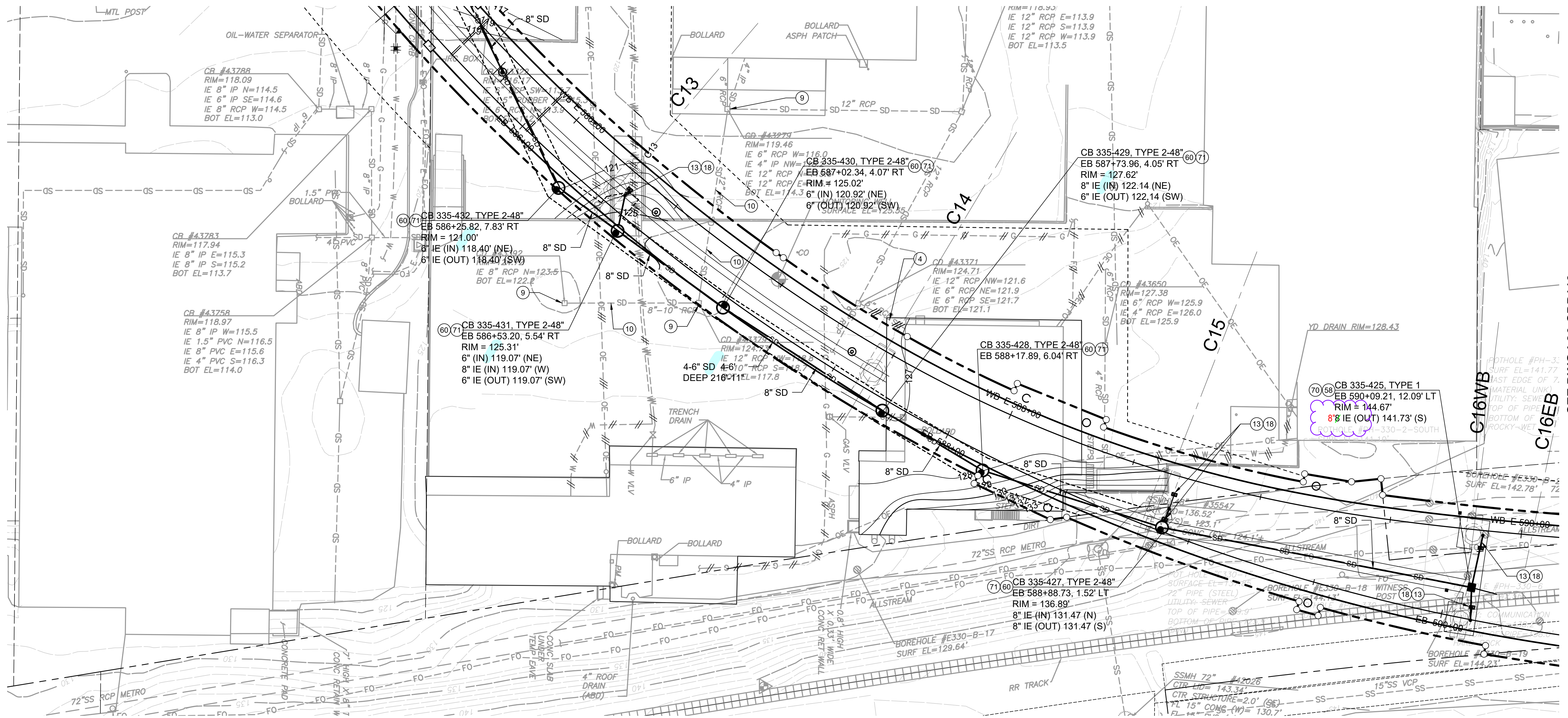
SCALE: 1" = 20'
FILENAME: E335-L86-CDP111
CONTRACT No.: RTA/CN 0045-14C
DATE: 02/2017

<b>EAST LINK EXTENSION CONTRACT E335</b>	
DOWNTOWN BELLEVUE TO SPRING DISTRICT	
CIVIL DRAINAGE PLAN	

DRAWING No.: <b>L86-CDP111</b>
LOCATION ID: E18
SHEET No.: 368
REV: 0



SEE DWG L86-CDP144



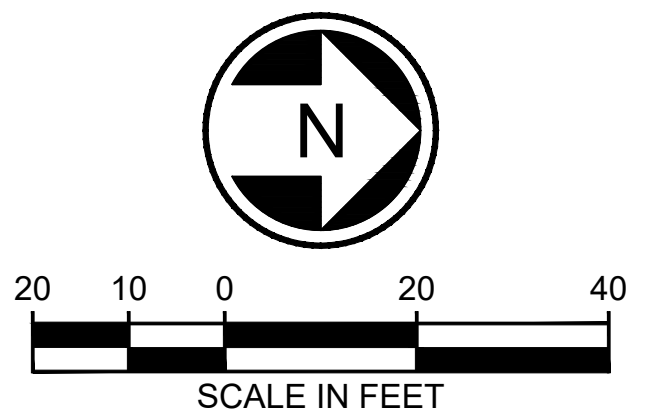
SEE DWG L86-CDP113

**NOTES:**

- FOR GENERAL NOTES AND CONSTRUCTION NOTES, SEE DRAWINGS L86-CZN701 AND L86-CZN703. FOR SYMBOLS, SEE DWG G86-GZN007.
- FOR UTILITIES, SEE UTILITY PLAN DRAWINGS L86-UCP100 THRU L86-UCP160.
- FOR ILLUMINATION, SEE DRAWINGS L86-CLP100 THRU L86-CLP143.
- FOR SYSTEMS DUCT BANK AND VAULTS, SEE DRAWINGS L86-JEP100 THRU L86-JEP118.
- FOR STORM DRAINAGE PROFILES, SEE DWG L86-CDV402.

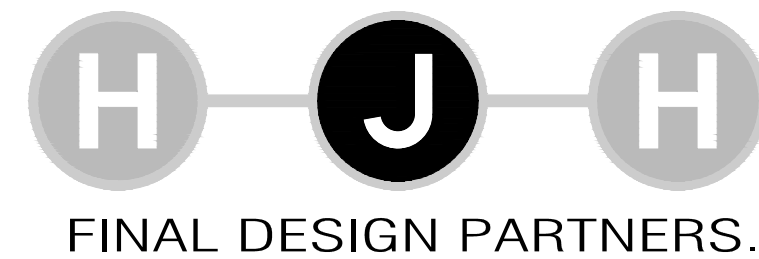
**CONSTRUCTION NOTES:**

- PLUG AND ABANDON SD PIPE. FILL WITH CDF.
- EXISTING SD STRUCTURE TO REMAIN. PROTECT IN PLACE.
- EXISTING SD PIPE TO REMAIN. PROTECT IN PLACE.
- AERIAL GUIDEWAY DRAIN ON STRUCTURE ABOVE. CONNECT TO DOWNSPOUT AS SHOWN ON PLANS. SEE DWG STD-SED120 FOR BRIDGE DRAIN AND STD-CDD006 FOR NON-PEDESTRIAN ADJACENT DISCHARGE DETAIL.
- CONNECT DOWNSPOUT TO DRAINAGE STRUCTURE OR OUTFALL SHOWN ON PLAN. STORM DRAIN AT 2% MIN SLOPE PER DETAIL 1/L86-CDD105.
- INSTALL CATCH BASIN TYPE 1 PER CITY OF BELLEVUE STANDARD DETAIL D-2.
- INSTALL CATCH BASIN TYPE 2 PER CITY OF BELLEVUE STANDARD DETAIL D-4 AND LADDER, STEP, AND TOP SLAB DETAIL PER D-5.
- INSTALL WITH RECTANGULAR SOLID COVER PER CITY OF BELLEVUE STANDARD DETAILS D-8 AND D-9.
- INSTALL RING FRAME AND SOLID LOCKING LID PER CITY OF BELLEVUE STANDARD DETAIL D-22.



**FINAL AS BUILT**

DESIGNED BY:	A. THOM
DRAWN BY:	A. THOM
CHECKED BY:	A. SEETHOFF
APPROVED BY:	M. COWARD



LINE IS 1" AT FULL SCALE



SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017

SCALE:	1" = 20'
FILENAME:	E335-L86-CDP112
CONTRACT No.:	RTA/CN 0045-14C
DATE:	02/2017

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
  
CIVIL  
DRAINAGE PLAN

DRAWING No.:	L86-CDP112
LOCATION ID:	E18
SHEET No.:	369
REV:	0



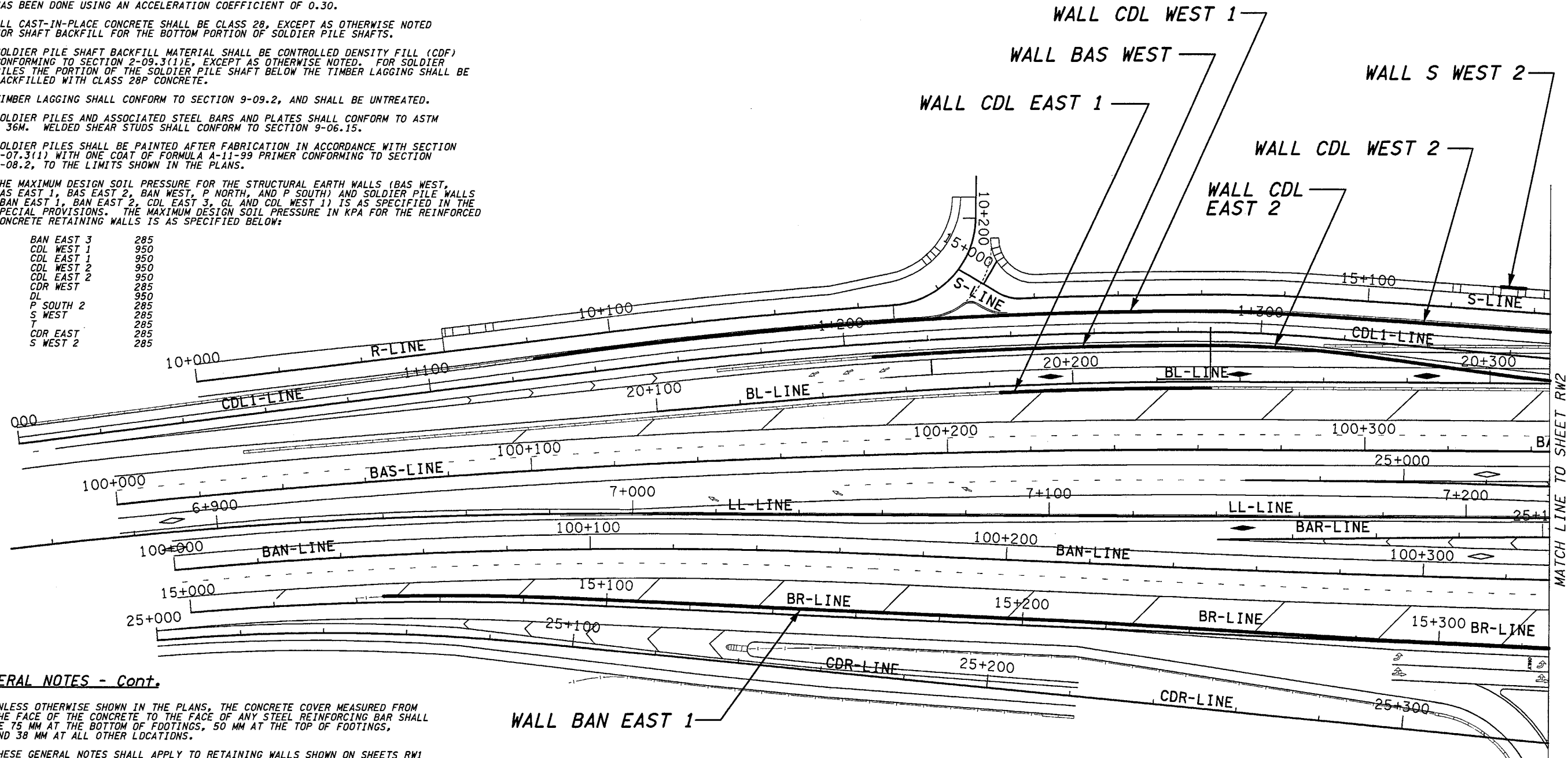
**GENERAL NOTES**

- ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION - ENGLISH, DATED 2002, AND AMENDMENTS.
- THESE STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES SIXTEENTH EDITION - 1996 AND INTERIMS THROUGH 2000. ALL STRUCTURAL ELEMENTS ARE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS FOR LOAD FACTOR DESIGN. SEISMIC DESIGN HAS BEEN DONE USING AN ACCELERATION COEFFICIENT OF 0.30.
- ALL CAST-IN-PLACE CONCRETE SHALL BE CLASS 28, EXCEPT AS OTHERWISE NOTED FOR SHAFT BACKFILL FOR THE BOTTOM PORTION OF SOLDIER PILE SHAFTS.
- SOLDIER PILE SHAFT BACKFILL MATERIAL SHALL BE CONTROLLED DENSITY FILL (CDF) CONFORMING TO SECTION 2-09.3(1)E, EXCEPT AS OTHERWISE NOTED. FOR SOLDIER PILES THE PORTION OF THE SOLDIER PILE SHAFT BELOW THE TIMBER LAGGING SHALL BE BACKFILLED WITH CLASS 28P CONCRETE.
- TIMBER LAGGING SHALL CONFORM TO SECTION 9-09.2, AND SHALL BE UNTREATED.
- SOLDIER PILES AND ASSOCIATED STEEL BARS AND PLATES SHALL CONFORM TO ASTM A 36M. WELDED SHEAR STUDS SHALL CONFORM TO SECTION 9-06.15.
- SOLDIER PILES SHALL BE PAINTED AFTER FABRICATION IN ACCORDANCE WITH SECTION 6-07.3(1) WITH ONE COAT OF FORMULA A-11-99 PRIMER CONFORMING TO SECTION 9-08.2, TO THE LIMITS SHOWN IN THE PLANS.
- THE MAXIMUM DESIGN SOIL PRESSURE FOR THE STRUCTURAL EARTH WALLS (BAS WEST, BAS EAST 1, BAS EAST 2, CDL WEST 1, CDL WEST 2, CDL EAST 1, CDL EAST 2, CDR WEST, DL, P SOUTH 2, S WEST, T, CDR EAST, S WEST 2) IS AS SPECIFIED IN THE SPECIAL PROVISIONS. THE MAXIMUM DESIGN SOIL PRESSURE IN KPA FOR THE REINFORCED CONCRETE RETAINING WALLS IS AS SPECIFIED BELOW:

BAN EAST 3	285
CDL WEST 1	950
CDL EAST 1	950
CDL WEST 2	950
CDL EAST 2	950
CDR WEST	285
DL	950
P SOUTH 2	285
S WEST	285
T	285
CDR EAST	285
S WEST 2	285

**SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE**

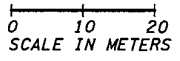
I 405



**GENERAL NOTES - Cont.**

- UNLESS OTHERWISE SHOWN IN THE PLANS, THE CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY STEEL REINFORCING BAR SHALL BE 75 MM AT THE BOTTOM OF FOOTINGS, 50 MM AT THE TOP OF FOOTINGS, AND 38 MM AT ALL OTHER LOCATIONS.
- THESE GENERAL NOTES SHALL APPLY TO RETAINING WALLS SHOWN ON SHEETS RW1 THRU RW64.

FOR "AS CONSTRUCTED PLANS" ONLY



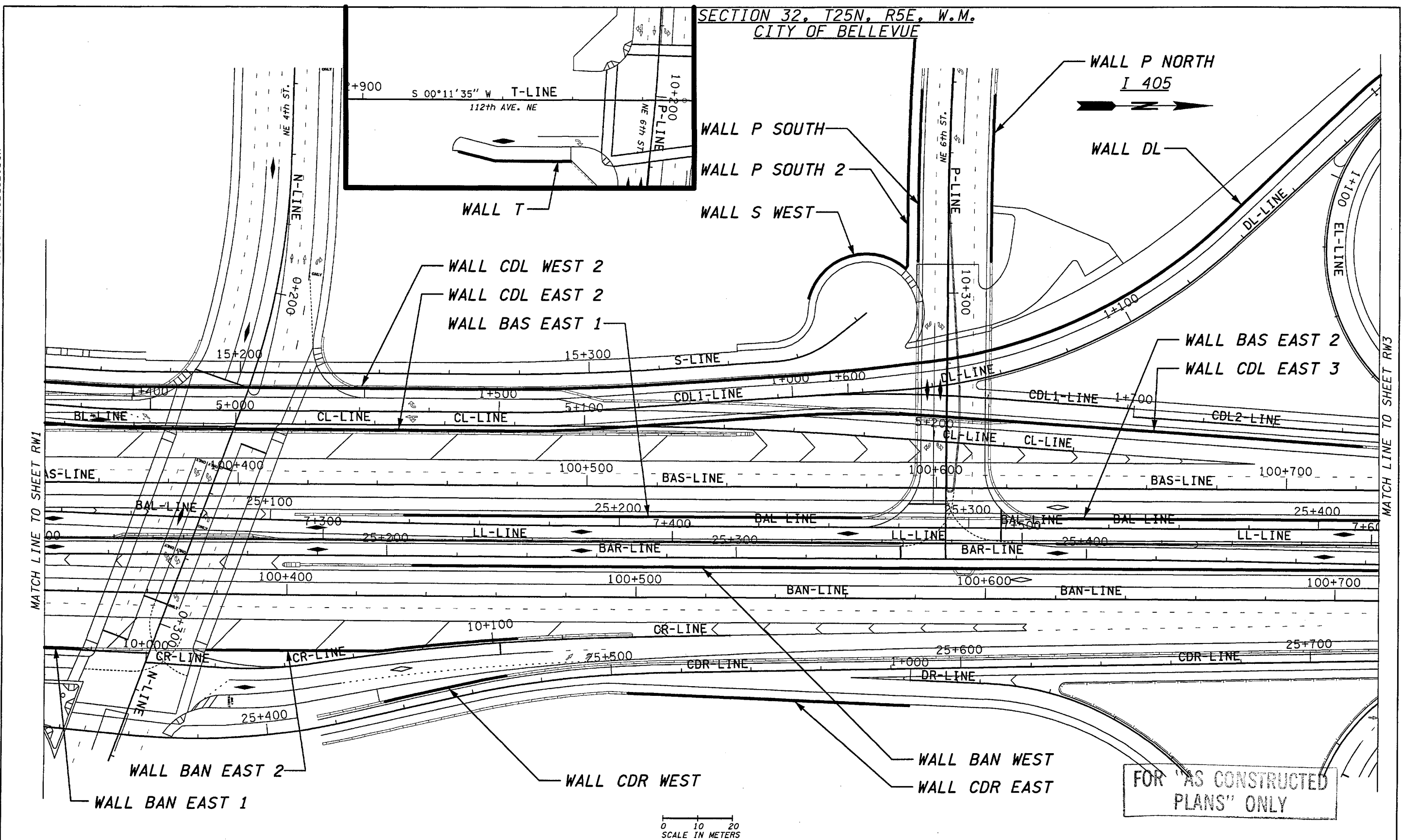
I 405 JOB NO. SHEET 12/03/2002 10:35:35 AM keller

BRIDGE DESIGN ENGR. SUPERVISOR		REGION NO.	STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.  RETAINING WALL KEY PLAN	BRIDGE SHEET NO.
DESIGNED BY	KJW 12/02	10	WASH					RW1
ENTERED BY	MJB 12/02	JOB NUMBER				SHEET NO. 386 OF 1152 SHEETS		
CHECKED BY	JHS 12/02	CONTRACT NO.						
PROJ. DYER	D. CIERI 12/02							
REGIONAL ADM.	D. DYE 12/02							
DATE	DATE	REVISION	BY					



C:\PWTEMP\dms00358\RW002\_C2.DGN

I\_405\_JOB NO. SHEET 12/03/2002 10:36:46 AM



BRIDGE DESIGN ENGR.					
SUPERVISOR					
DESIGNED BY	KWS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	JHS	12/02			
PROJ. D. BY	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/03/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL KEY PLAN

BRIDGE SHEET NO. RW2

387 OF 452 SHEETS







d:\pwttemp\dms00355\CD002\_c2.dgn

PL014

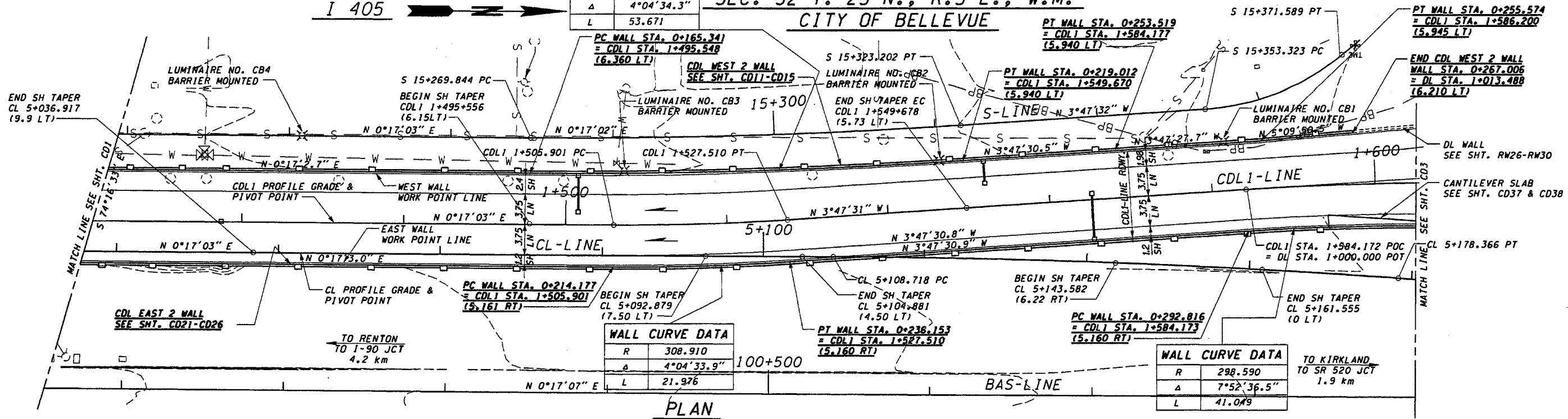
11/22/2002 12:17:47 PM

Touniea

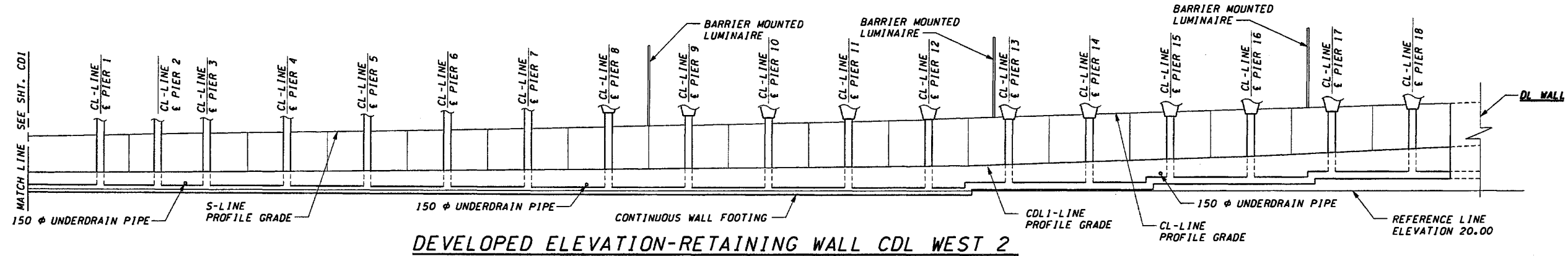
I 405

WALL CURVE DATA	
R	754.410
Δ	4°04'34.3"
L	53.671

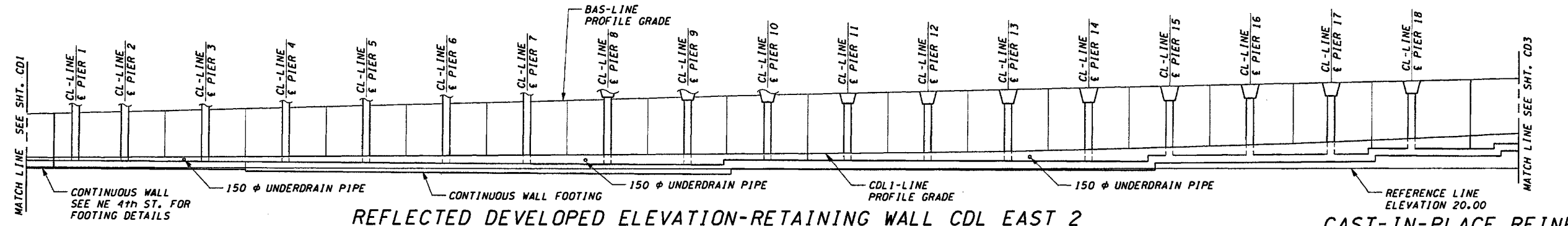
SEC. 32 T. 25 N., R. 5 E., W.M.  
CITY OF BELLEVUE



PLAN



DEVELOPED ELEVATION-RETAINING WALL CDL WEST 2



REFLECTED DEVELOPED ELEVATION-RETAINING WALL CDL EAST 2

CAST-IN-PLACE REINFORCED CONCRETE WALLS

DATUM  
NAVD OF 1988

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	M. EL-AARAG	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
PLAN & ELEVATION - SHEET 2

SHEET NO.	CD2
SHEET NO.	456
SHEETS	1152



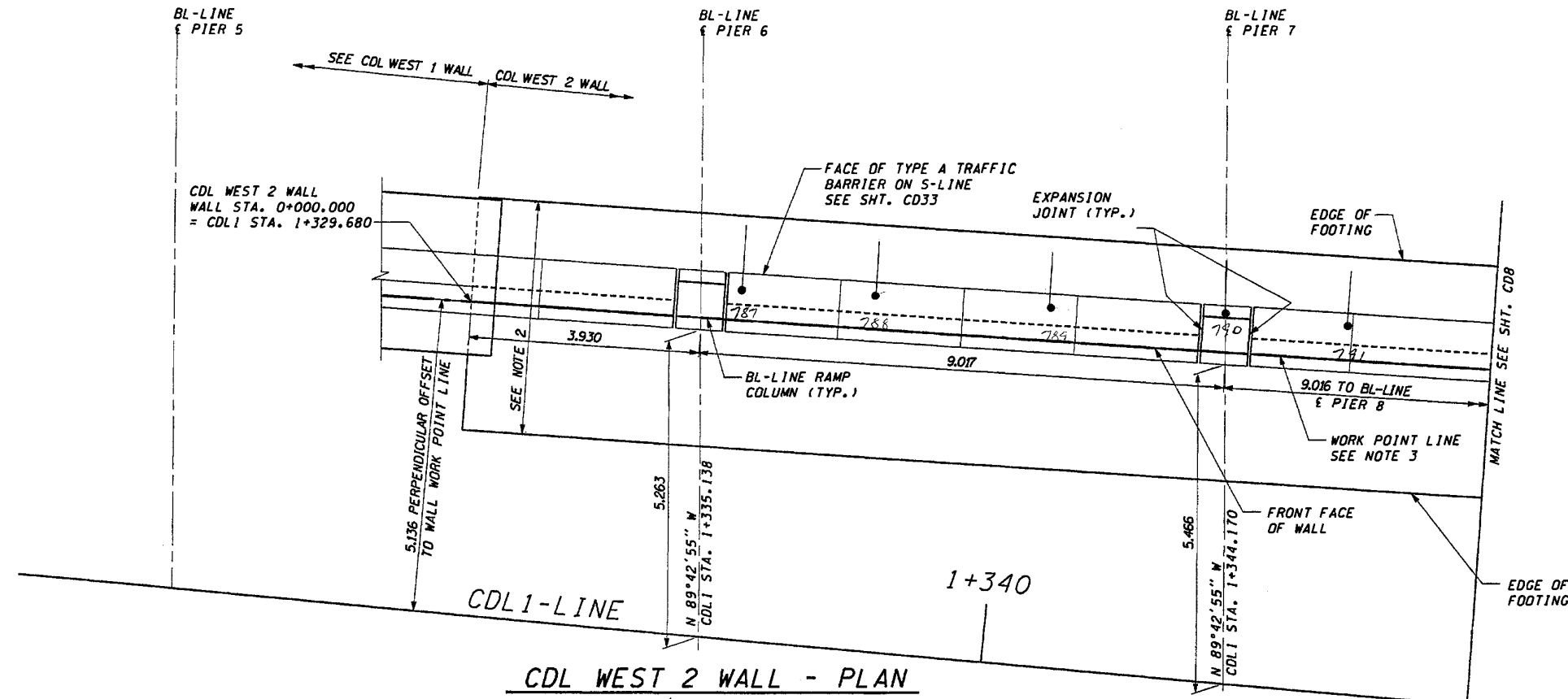
c:\pwrtemp\dms00355\cd007\_c2.dgn

PLOT4

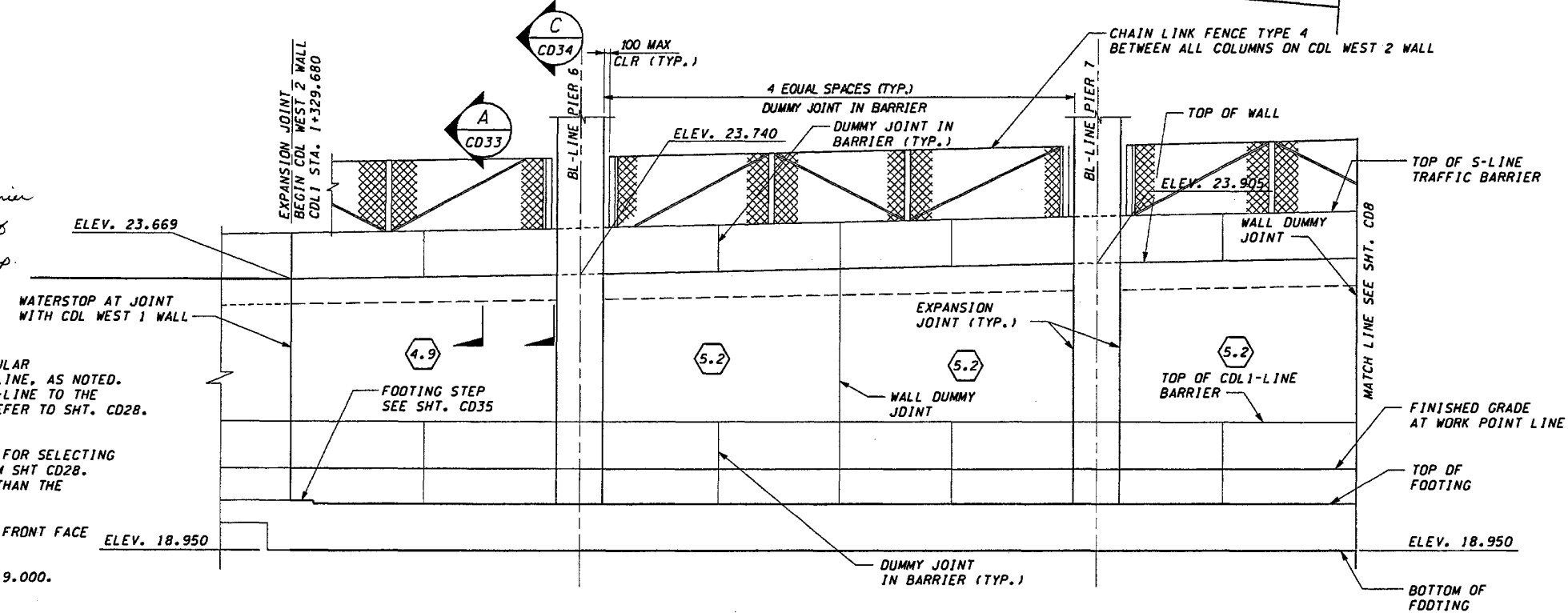
11:37:29 AM

11/22/2002

DiemT



CDL WEST 2 WALL - PLAN



CDL WEST 2 WALL - DEVELOPED ELEVATION

• Metal disk atop traffic barrier which indicates location of H. Pile and Strand for temp. shoring left in place.

**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.

Bob Page 1/13/05

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	J. HAYASEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

Engineering Inc. Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2  
PLAN AND ELEVATION

SHEET NO.	CD7
SHEET	461
SHEETS	1152



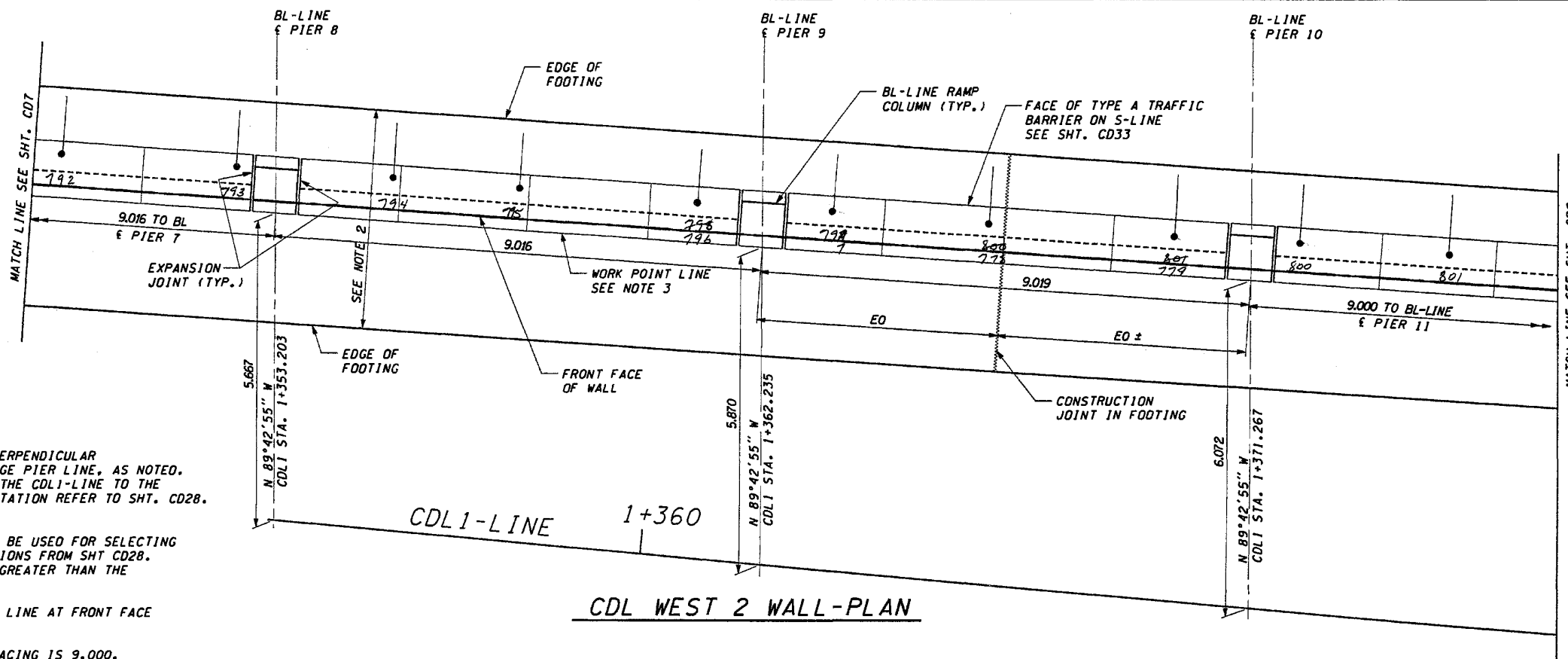
c:\pwt\temp\dms00355\cd008\_c2.dgn

PL014

01:24:48 PM

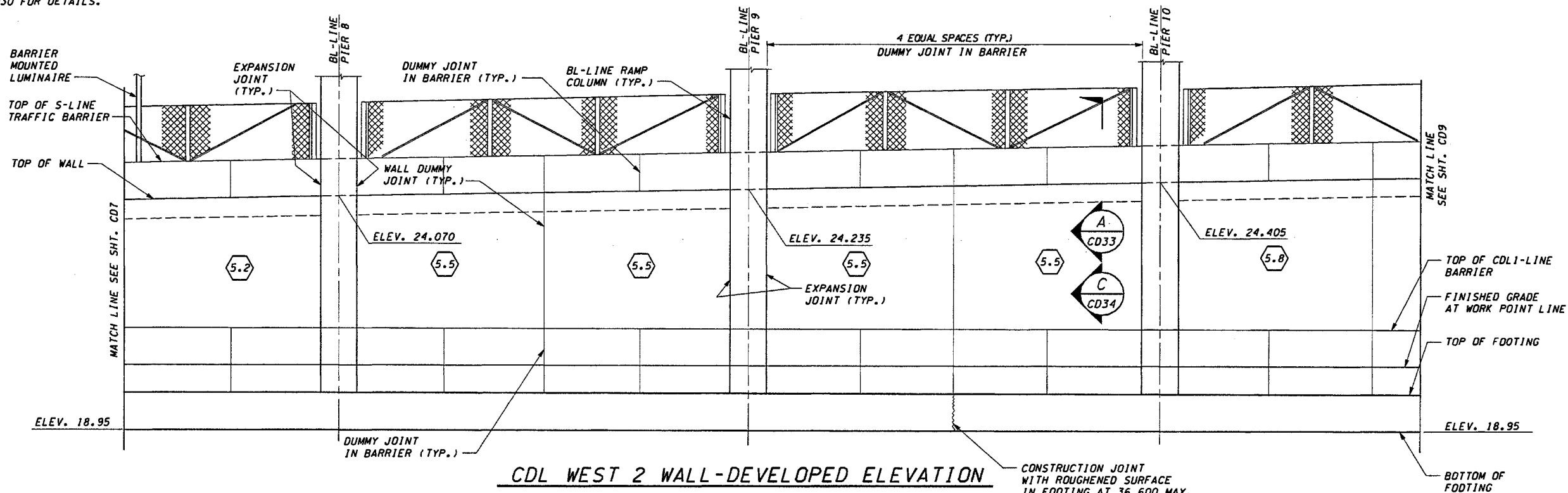
11/20/2002

dient



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

ENGINEERING INC. Consulting Engineers

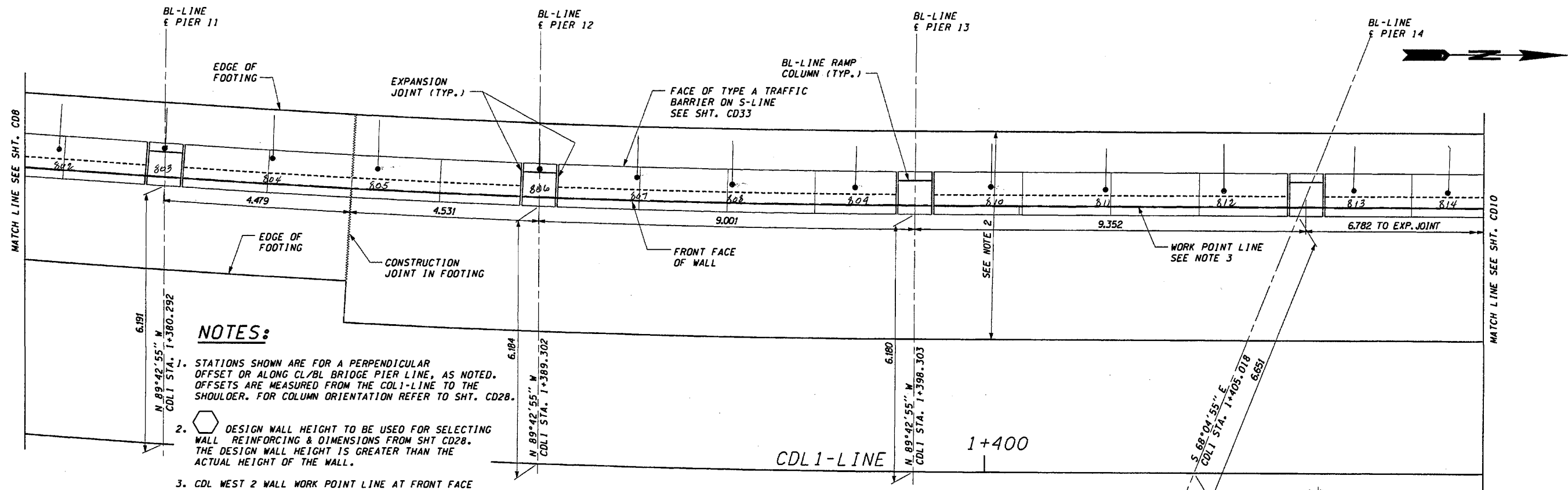
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2  
PLAN AND ELEVATION

SHEET NO. CD8

462 OF 1152 SHEETS

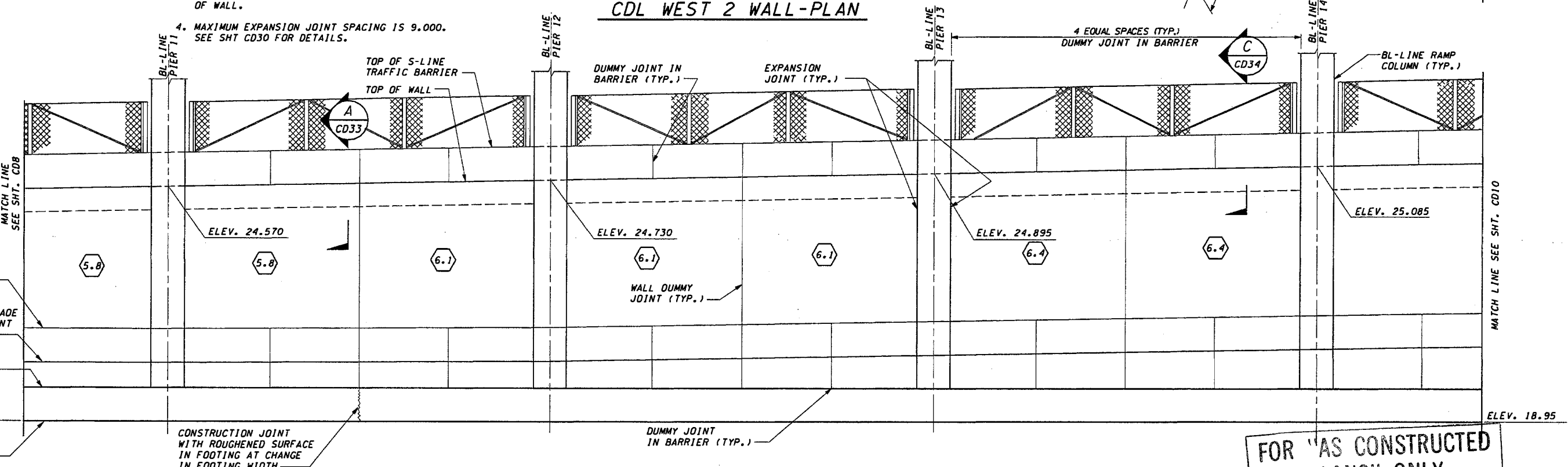




**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.

**CDL WEST 2 WALL-PLAN**



**CDL WEST 2 WALL-DEVELOPED ELEVATION**

**FOR "AS CONSTRUCTED PLANS" ONLY**

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

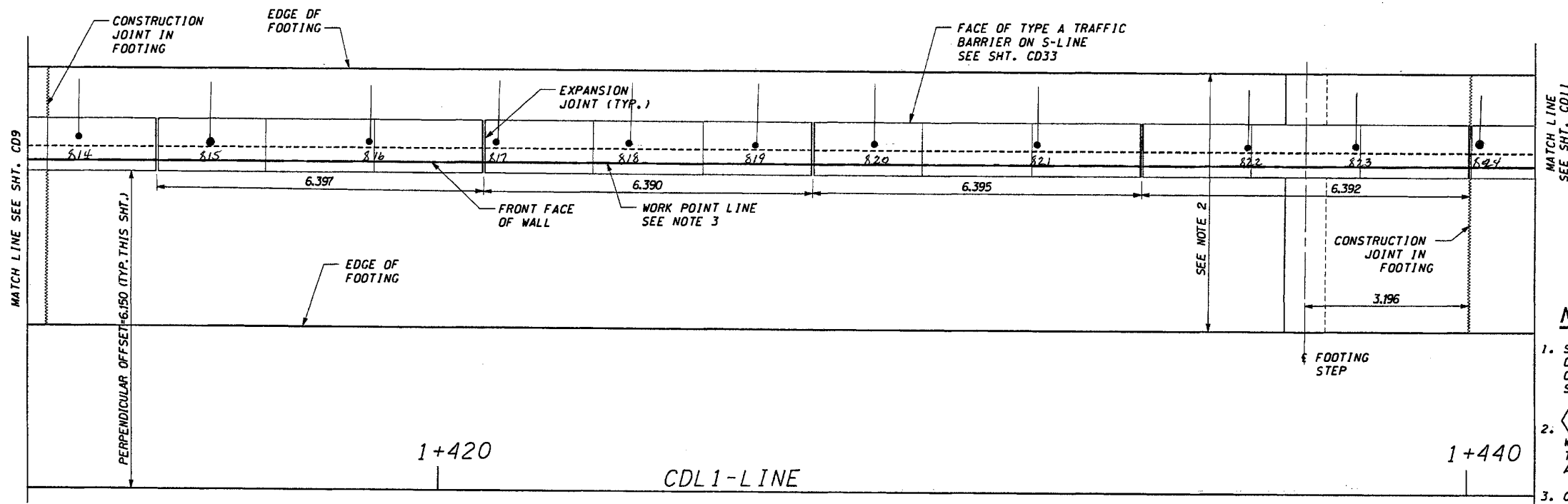
Washington State Department of Transportation

1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2  
PLAN AND ELEVATION

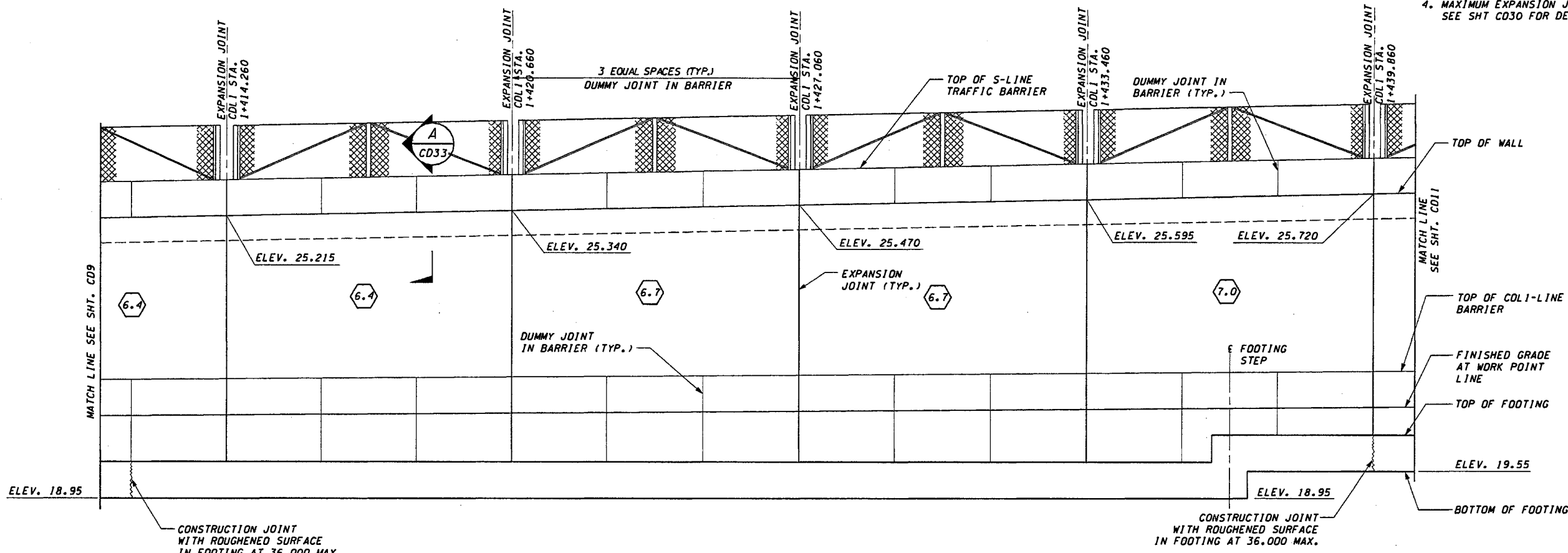
SHEET NO.	CD9
SHEETS	463 / 152





- NOTES:**
1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CD1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
  2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
  3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
  4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.

**CDL WEST 2 WALL-PLAN**



**FOR "AS CONSTRUCTED" PLANS" ONLY**

**CDL WEST 2 WALL-DEVELOPED ELEVATION**

DESIGNED BY G. NUTSON	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY H. TRAN	12/02	JOB NUMBER	02A012				
CHECKED BY I. HASAYEN	12/02	CONTRACT NO.					
PROJ. ENGR. D. CIERI	12/02	DATE	DATE	REVISION	BY		
REGIONAL ADM. D. DYE	12/02						

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*I. Hasayen*  
11/22/02

26933  
REGISTERED PROFESSIONAL ENGINEER  
EXPRES 2/9/04

**Washington State Department of Transportation**

**HDR kpf**  
ENGINEERING INC. Consulting Engineers

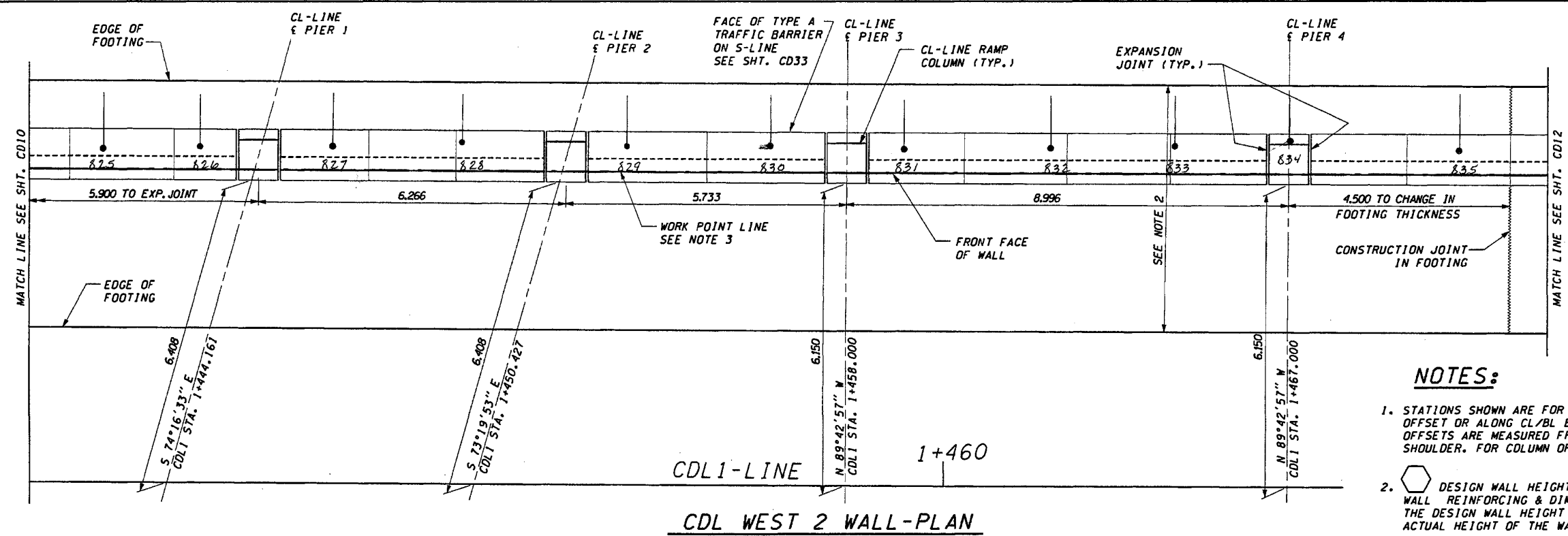
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2  
PLAN AND ELEVATION

SHEET NO.	CD10
SHEET NO.	404 152

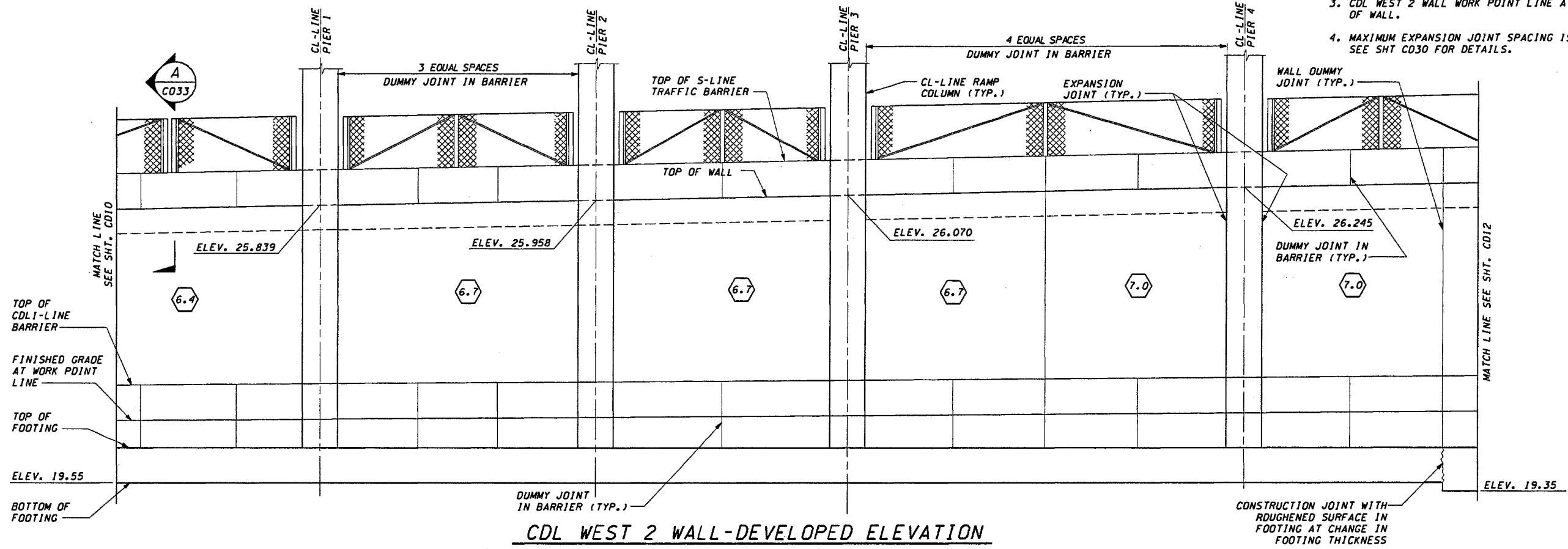


c:\pwwtemp\dms00355\cd011\_c2.dgn  
 PLOT4  
 01:24:58 PM  
 11/20/2002  
 diemt



CDL1-LINE  
 1+460  
**CDL WEST 2 WALL-PLAN**

- NOTES:**
1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
  2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
  3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
  4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



**CDL WEST 2 WALL-DEVELOPED ELEVATION**

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

1 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST./NE 6th ST.  
 RETAINING WALL CDL WEST 2  
 PLAN AND ELEVATION

SHEET NO.	CD11
SHEET NO.	405
SHEET NO.	1152



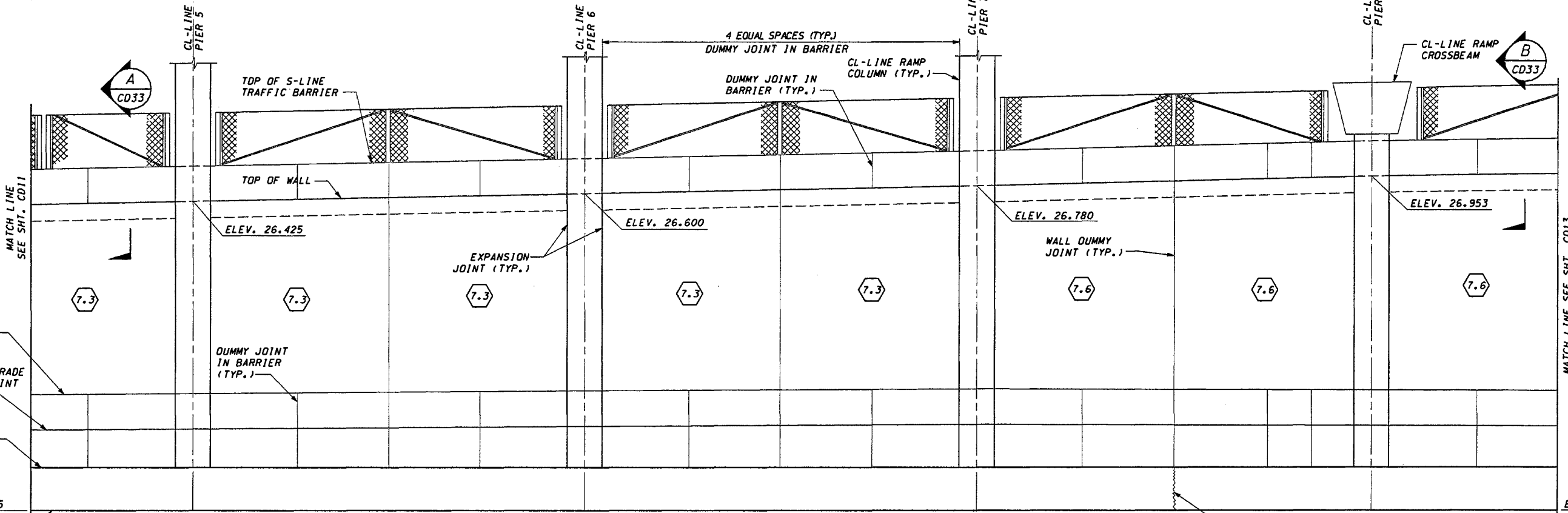
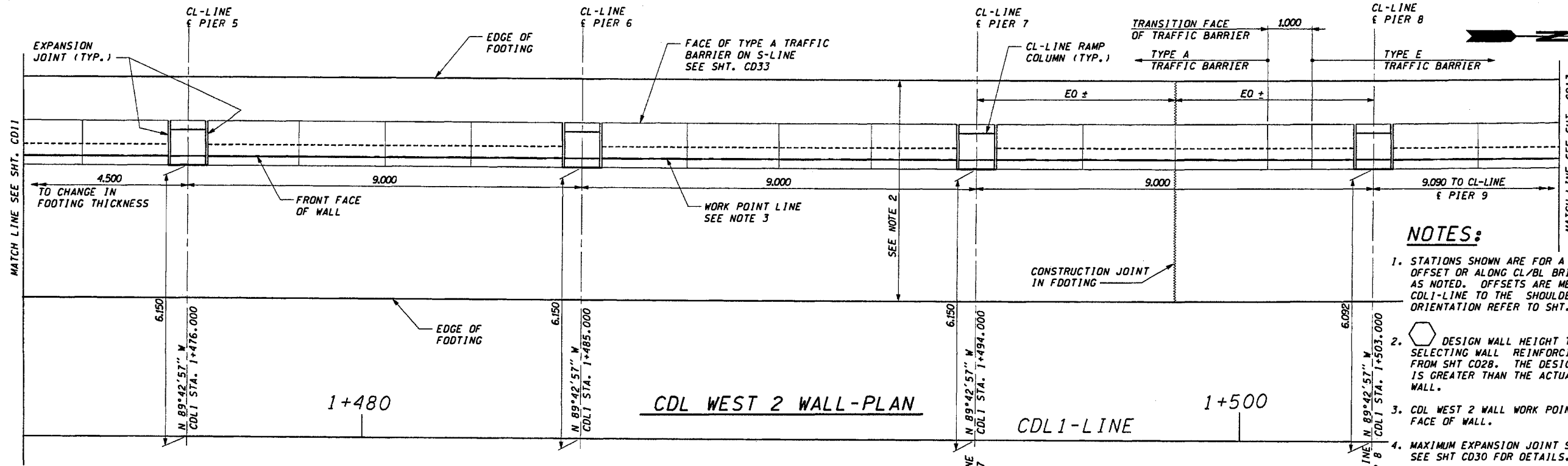
c:\pwwtemp\dms00355\cd012\_c2.dgn

PL014

01:25:02 PM

11/20/2002

ditemt



FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY G. NUTSON	12/02			
ENTERED BY H. TRAN	12/02			
CHECKED BY I. HASAYEN	12/02			
PROJ. ENGR. D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

Washington State Professional Engineer Seal: I. HASAYEN, No. 26933, Expires 2/29/04

Washington State Department of Transportation

HDR ENGINEERING INC. kpff Consulting Engineers

1 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2 PLAN AND ELEVATION

SHEET NO. CD12

SHEET 466 OF 521



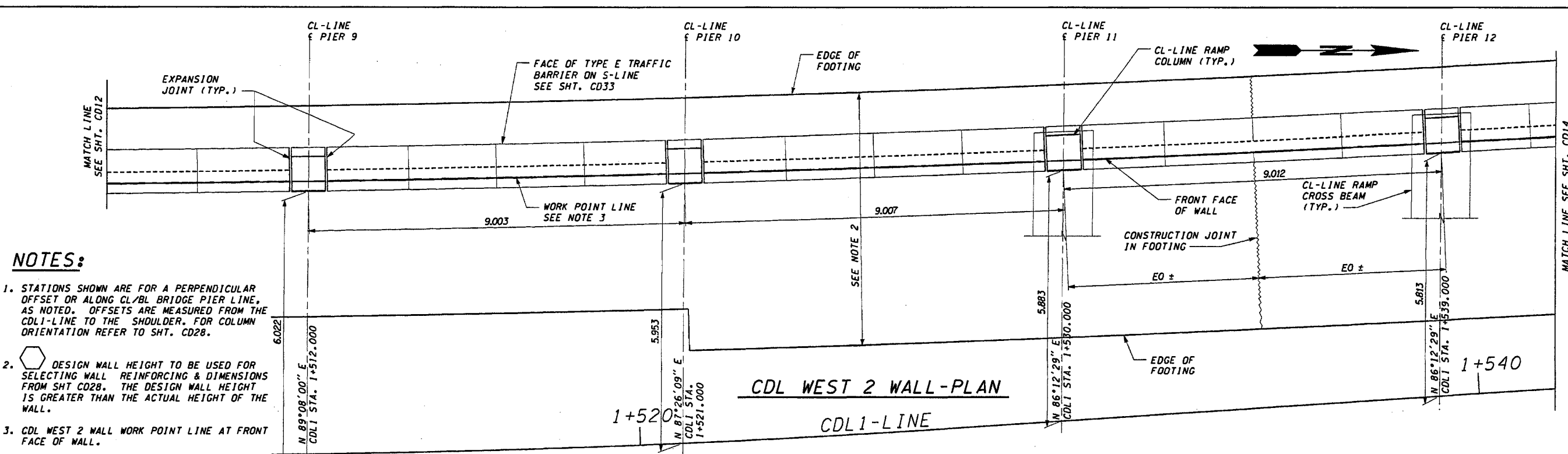
c:\pwt\temp\dms00355\cd013.c2.dgn

PL014

01:25:05 PM

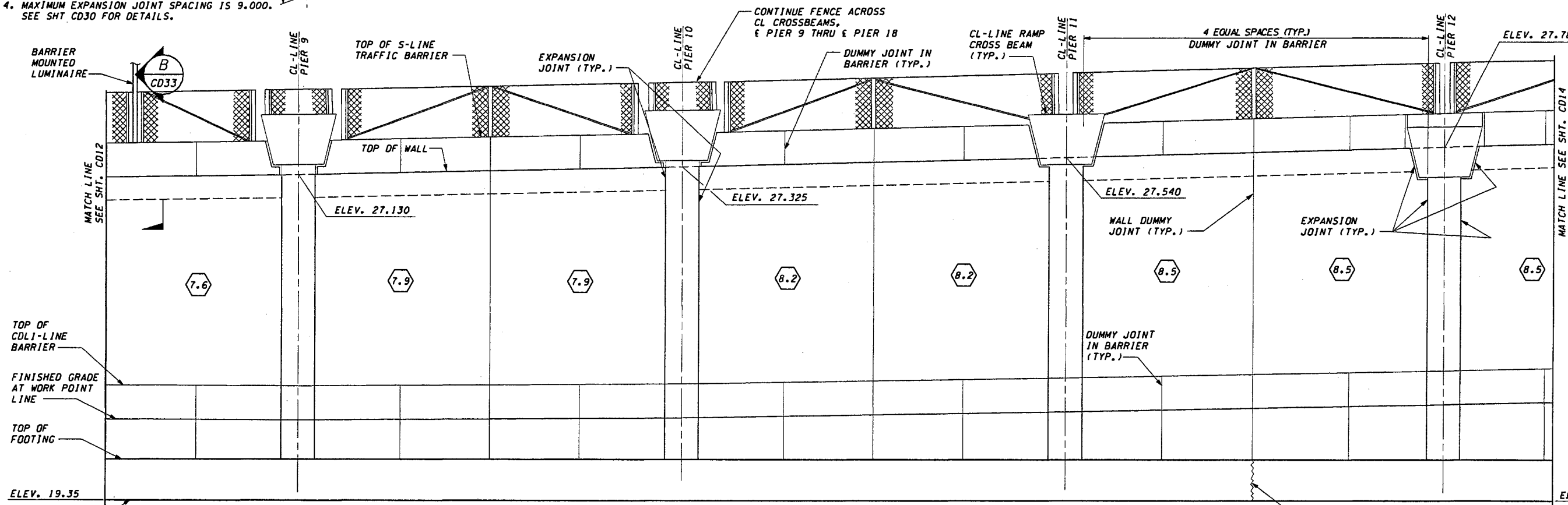
11/20/2002

ditem



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



**CDL WEST 2 WALL-DEVELOPED ELEVATION**

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	T. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

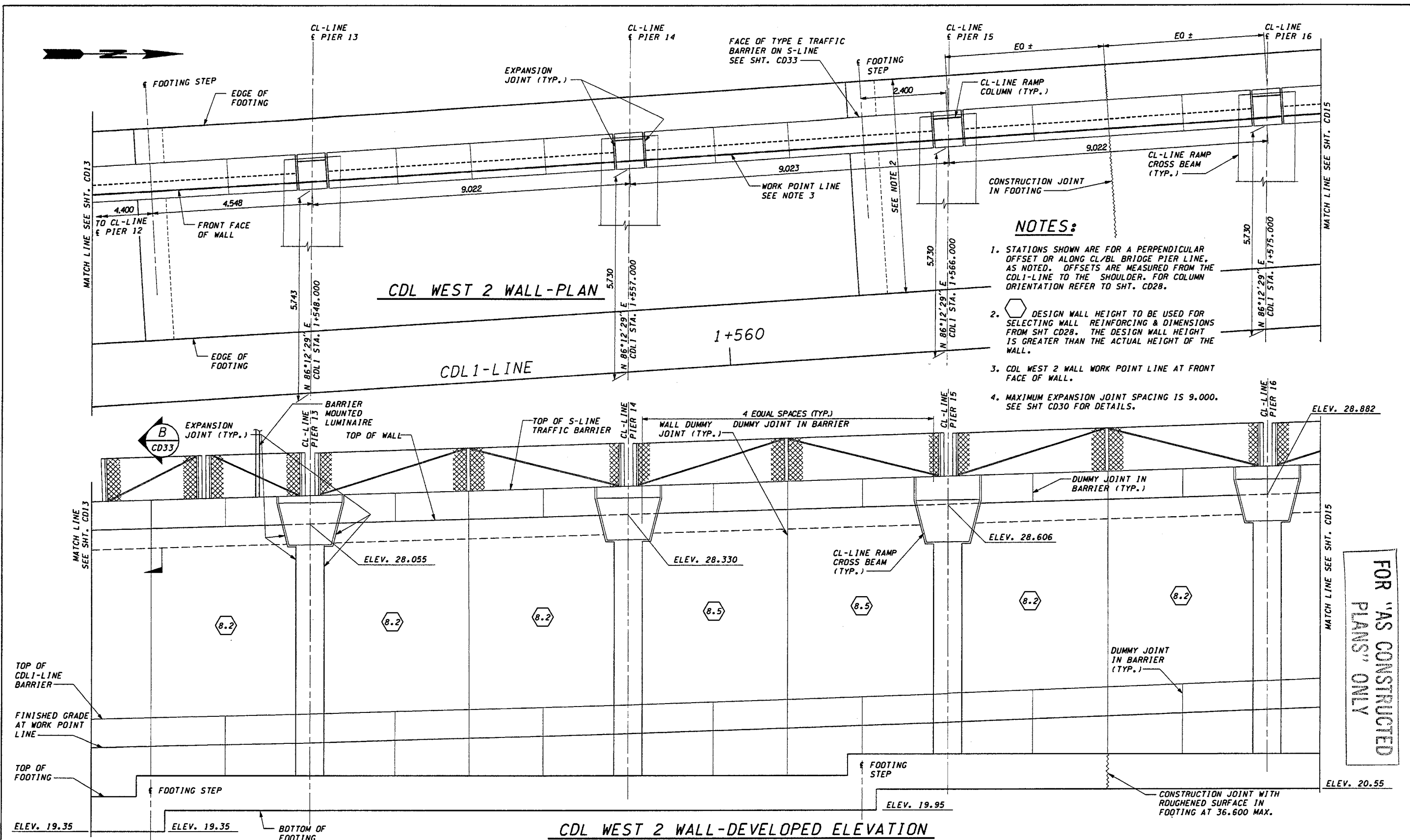
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2  
PLAN AND ELEVATION

SHEET NO	CD13
SHEET NO	467
SHEETS	152





FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	DATE	REVISION	BY
G. NUTSON	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2 PLAN AND ELEVATION

SHEET NO. CD14

468 OF 1152 SHEETS



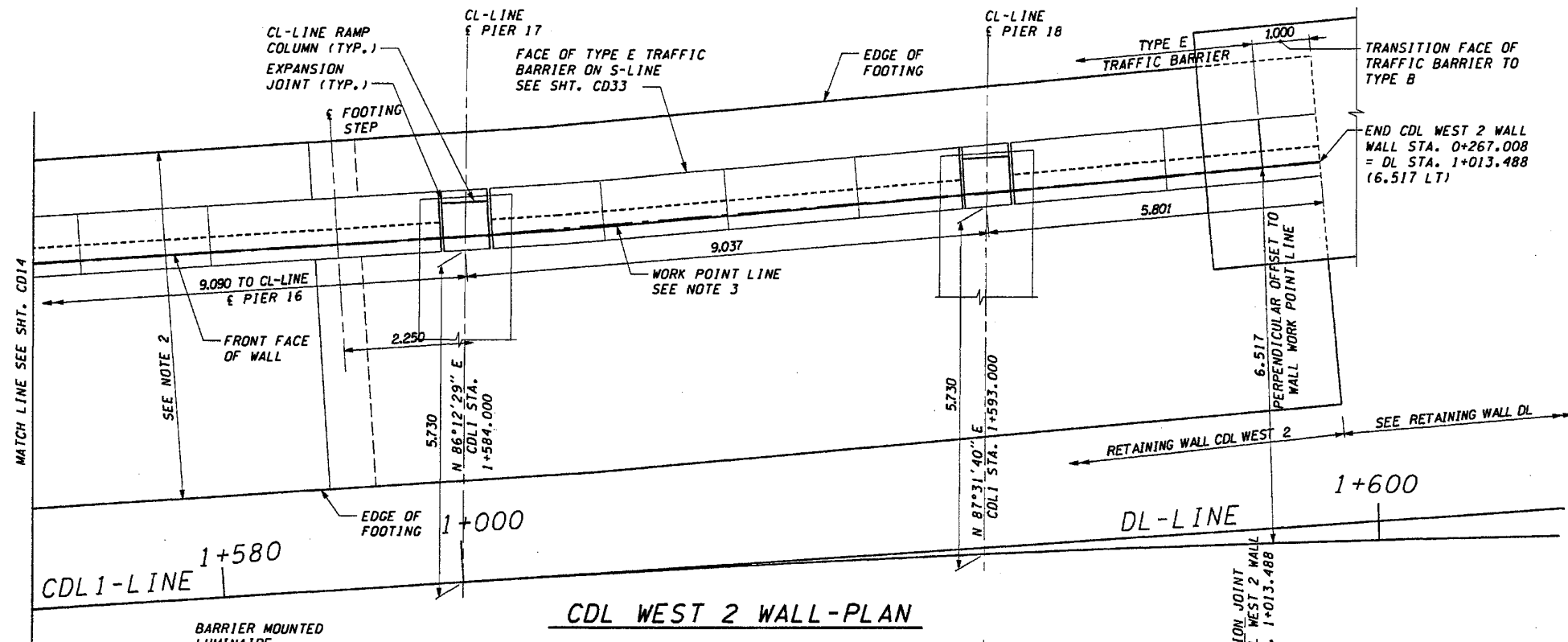
c:\pwt\temp\dms00355\cd015\_c2.dgn

PLOT4

11:37:27 AM

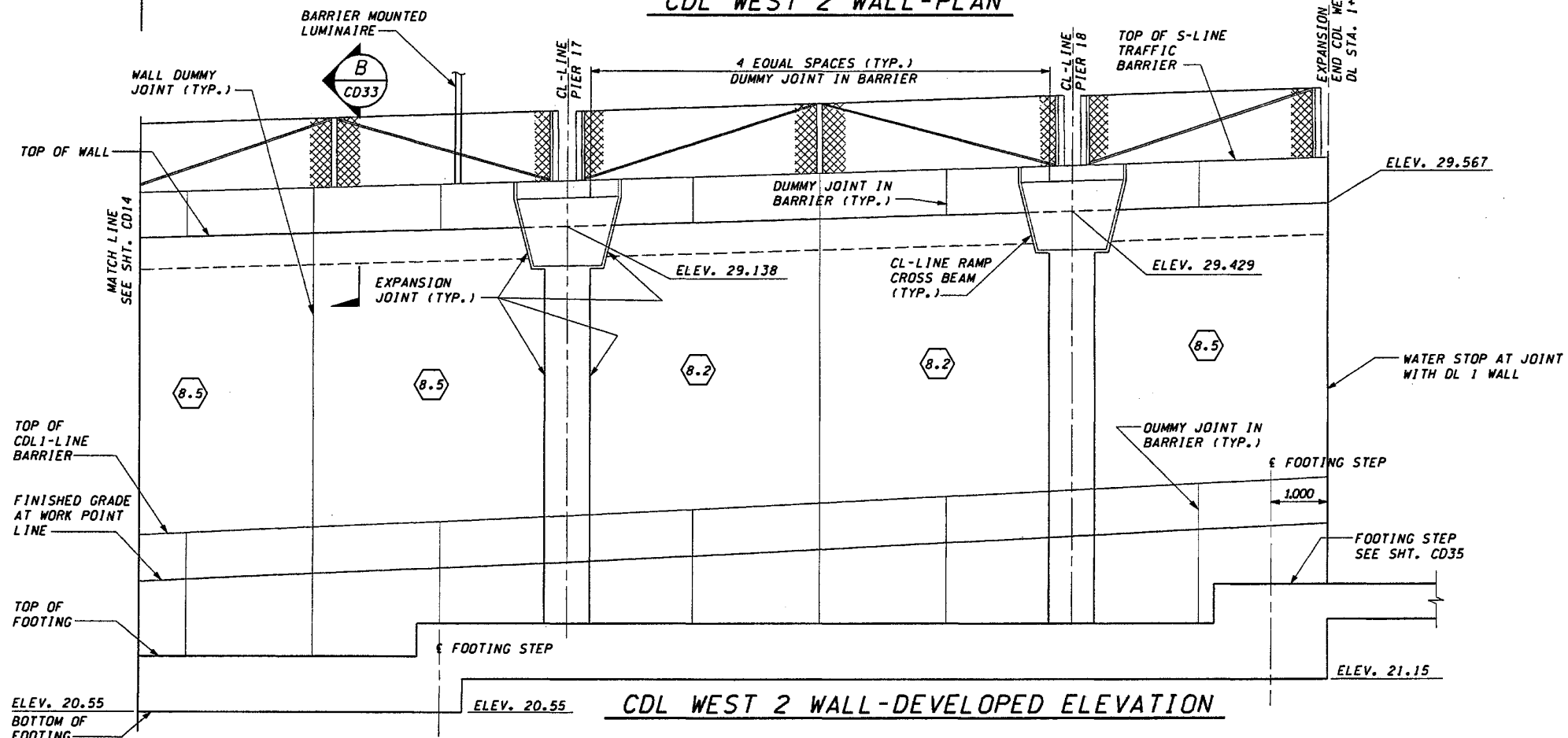
11/22/2002

DiemT



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WDRK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2  
 PLAN AND ELEVATION

SHEET NO. CD15

469 OF 1152 SHEETS







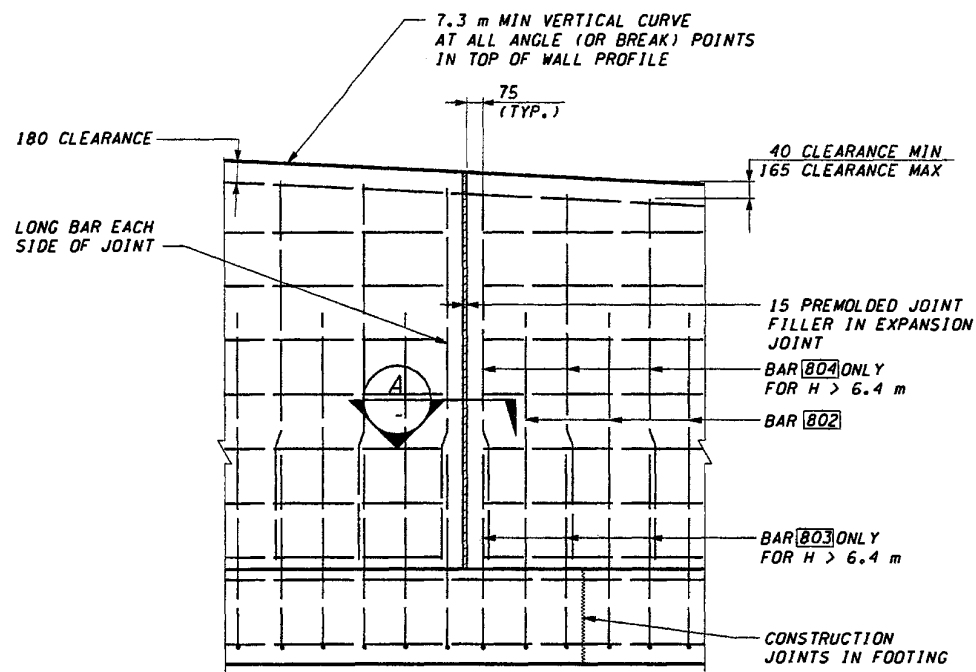
c:\pwwtemp\dms00355\cd030\_c2.dgn

PL014

01:26:07 PM

11/20/2002

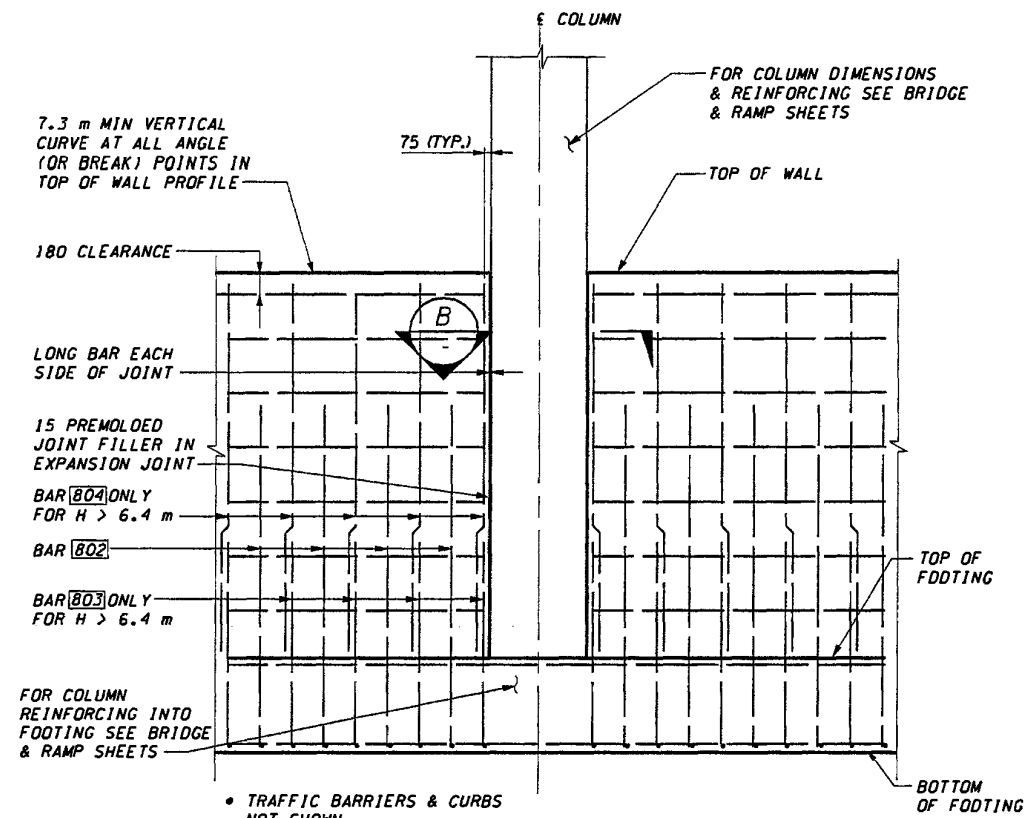
ditem



• TRAFFIC BARRIERS & CURBS NOT SHOWN

**TYPICAL EXPANSION JOINT ELEVATION (1)**  
WALL TO WALL

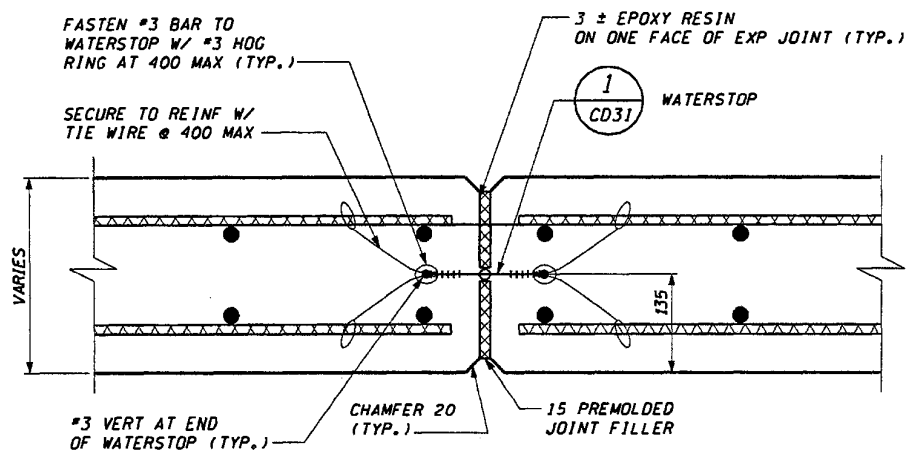
USE WITH TABLE ON SHT. CD28



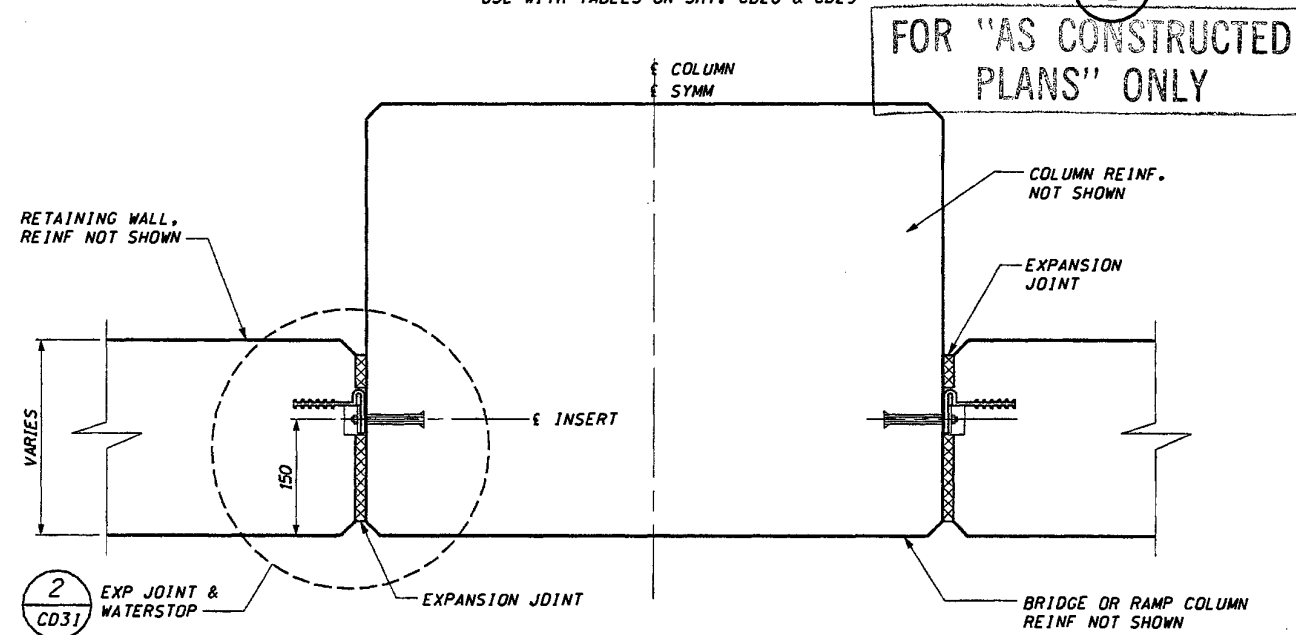
• TRAFFIC BARRIERS & CURBS NOT SHOWN

**TYPICAL EXPANSION JOINT ELEVATION AT WALL (2)**

USE WITH TABLES ON SHT. CD28 & CD29



**TYPICAL EXPANSION JOINT DETAIL (A)**  
WALL TO WALL



**TYPICAL EXPANSION JOINT DETAIL (B)**  
AT COLUMN

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

ENGINEERING CONSULTING ENGINEERS

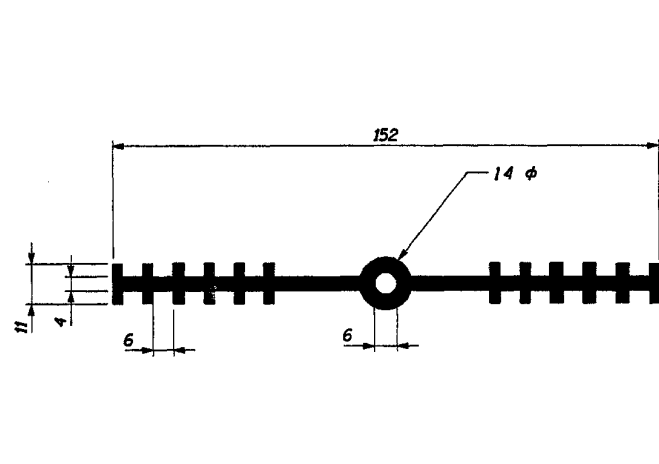
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
WALL DETAILS

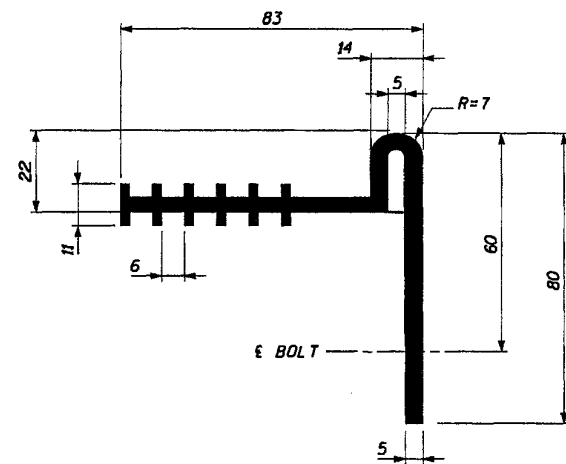
SHEET NO  
CD30

484  
1152  
SHEETS

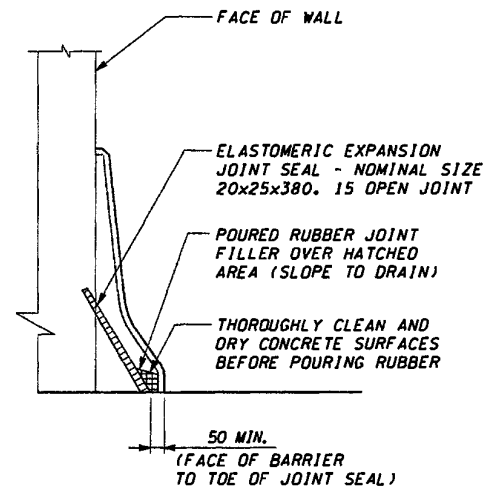




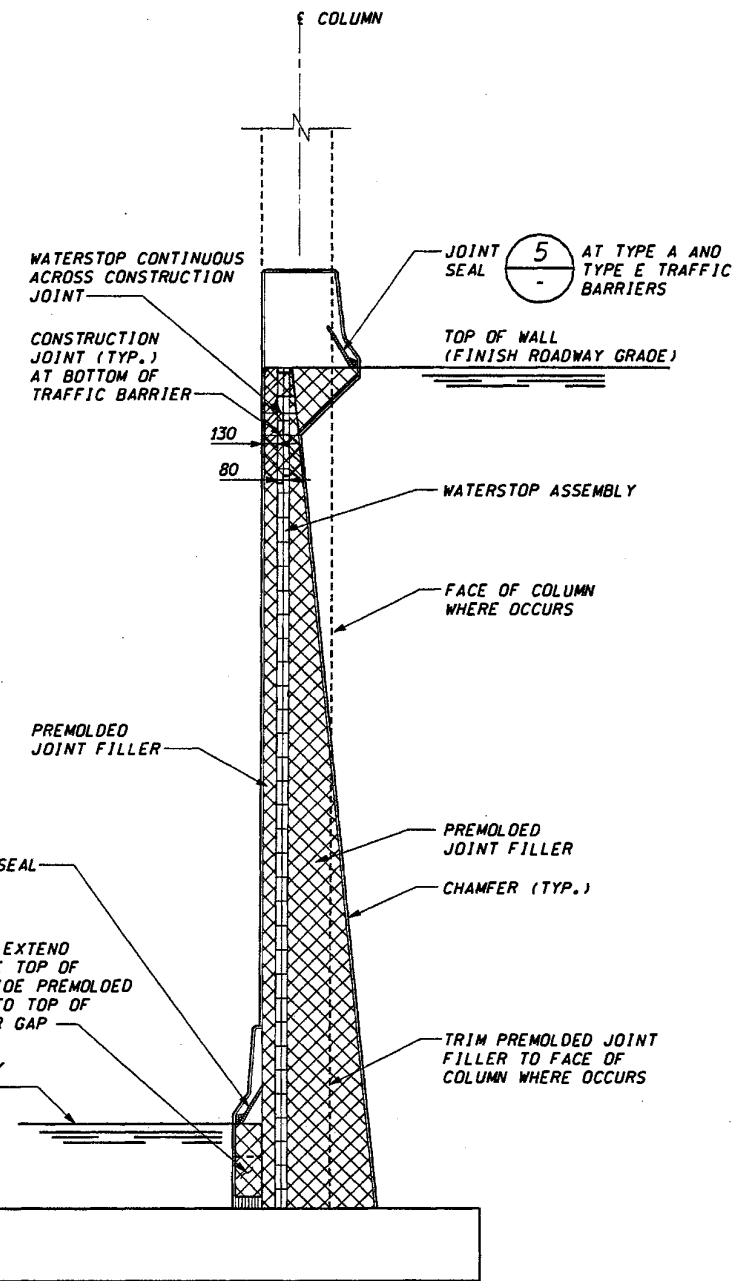
**WALL TO WALL WATERSTOP DETAIL 1**



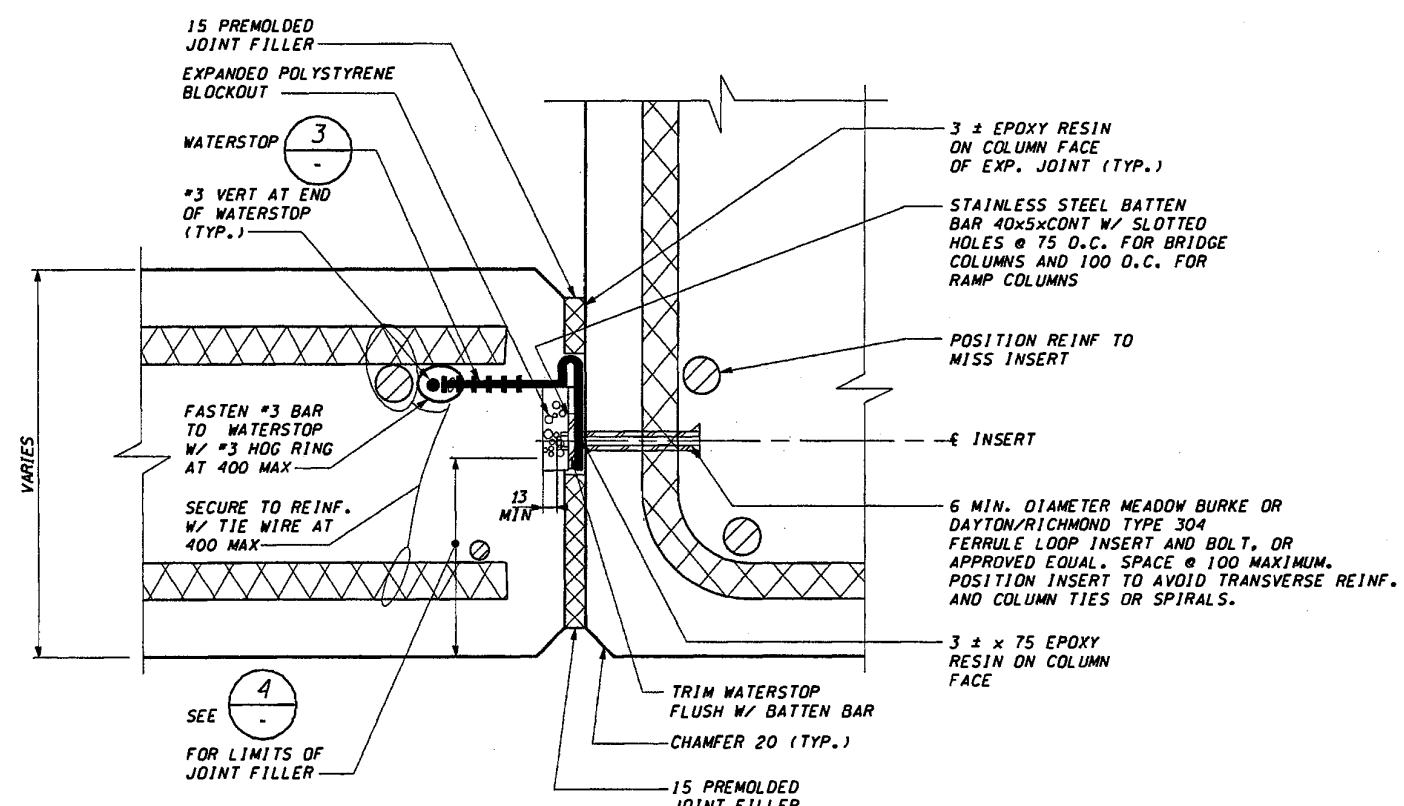
**WALL TO COLUMN WATERSTOP DETAIL 3**



**DETAIL 5**



**TYPICAL EXPANSION JOINT SECTION 4**



**WALL TO COLUMN DETAIL 2**, CD32

**FOR "AS CONSTRUCTED PLANS" ONLY**

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	L. ENG	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

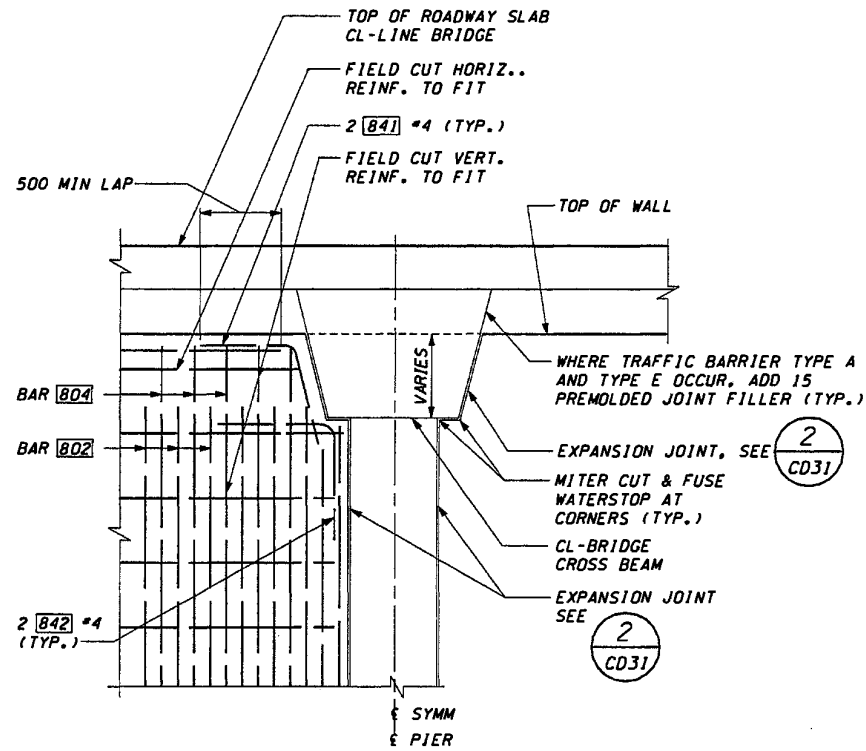
I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2 WALL DETAILS

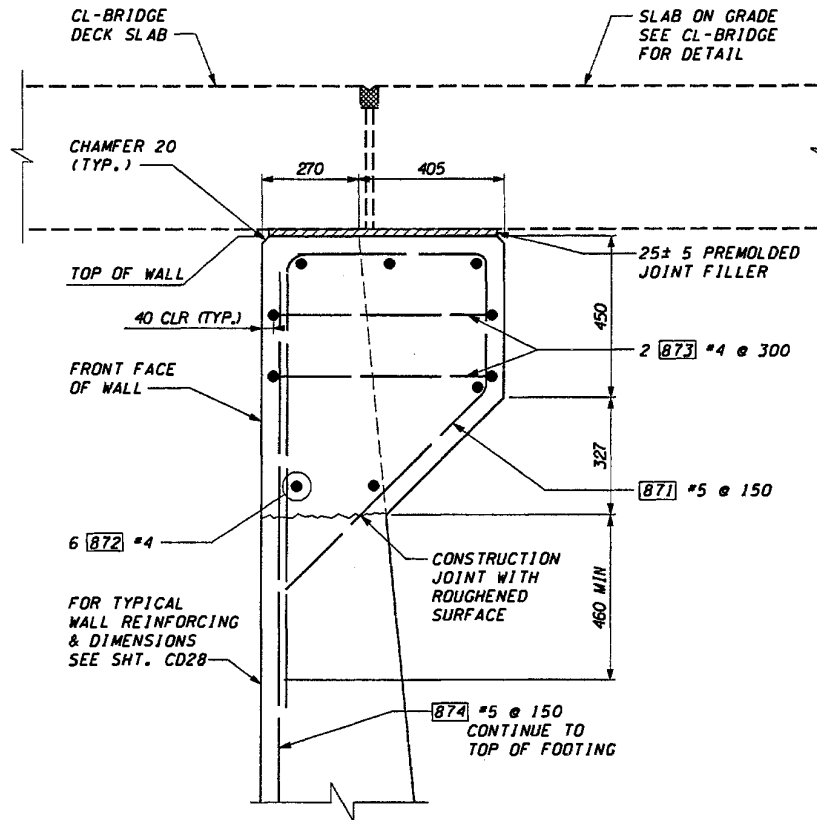
SHEET NO. CD31

485 OF 1152 SHEETS

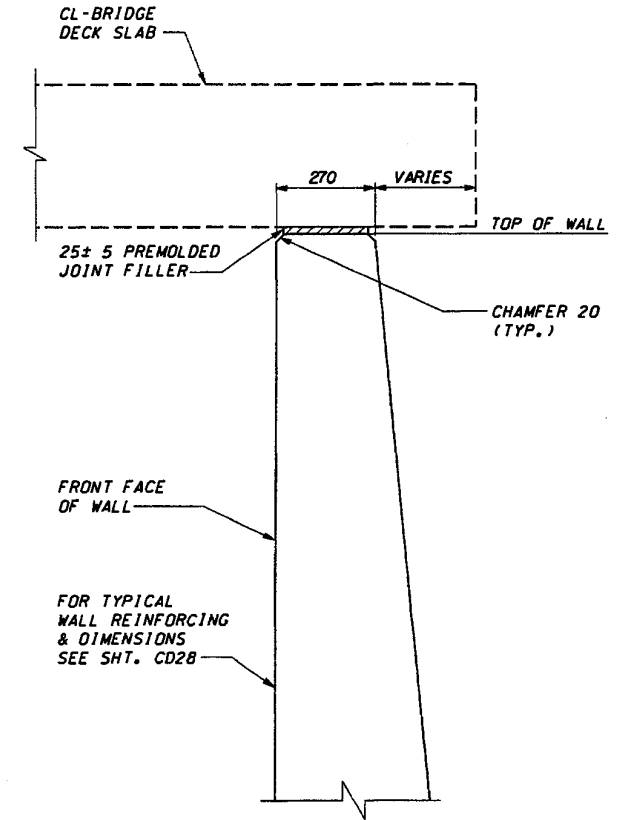




DETAIL AT CL-LINE CROSSBEAM 1



SECTION AT SLAB ON GRADE A A CD24 CD25



SECTION AT SLAB ON GRADE B CD24

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. ONG	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

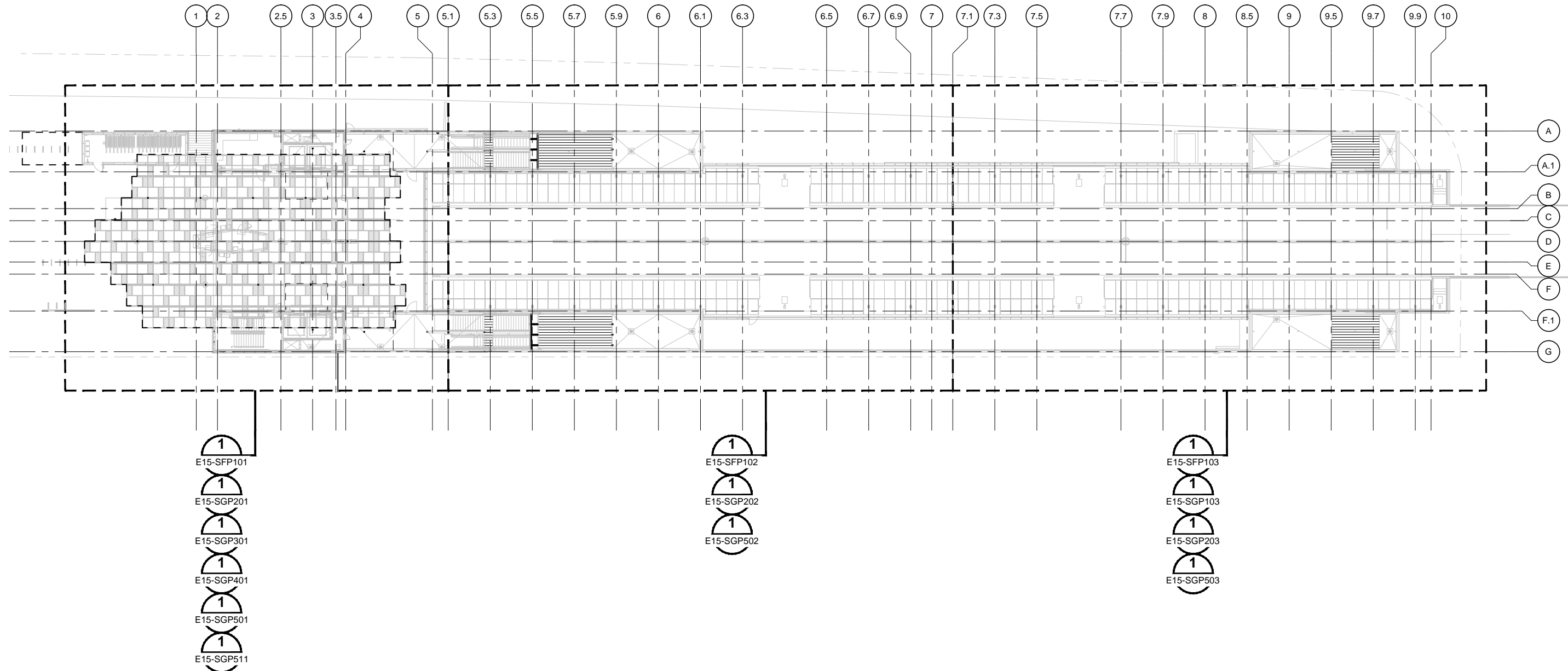
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
WALL DETAILS

SHEET NO.	CD32
SHEETS	486
SHEETS	1152



XREF LIST:  
 XE335-E15-APP600  
 XE335-GB-TB2264  
 GB-SEAL-BVE26489  
 XE335-E15-APP400  
 XE335-E15-AZV001

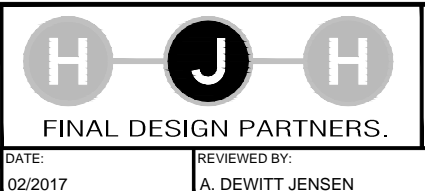
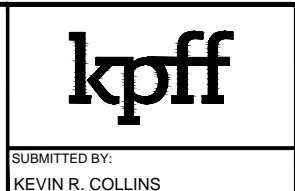
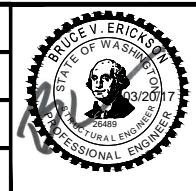


**GENERAL ARRANGEMENT KEY PLAN** 1  
 SCALE: 1" = 20' E15-SZK100

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 VERIFIED BY: / DATE: /  
 02/08/17 | 10:01 AM | KRALLJ  
 C:\WORK\REL-PRINTING\E335-FC-DWGS\DRAWINGS\STRUCTURE\E15-SZK100.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
D. EVANGER  
 DRAWN BY:  
R. TORGESON  
 CHECKED BY:  
B. ERICKSON  
 APPROVED BY:  
M. COWARD



SCALE:  
1" = 20'  
 FILENAME:  
E335-E15-SZK100  
 CONTRACT No.:  
RTA/CN 0045-14C  
 DATE:  
02/2017

**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - STRUCTURES  
 GENERAL ARRANGEMENT KEY PLAN

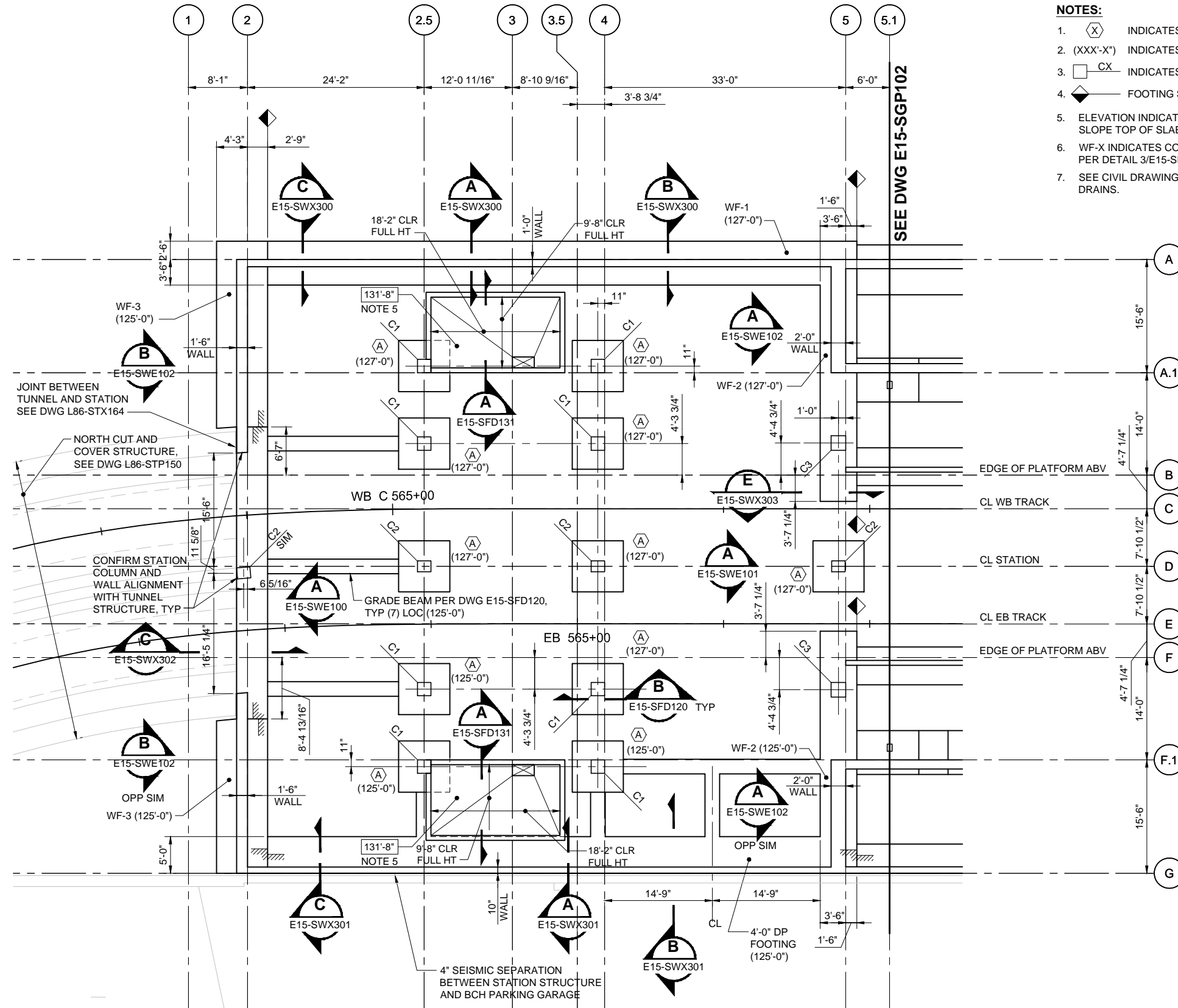
DRAWING No.:	E15-SZK100
LOCATION ID:	E15
SHEET No.:	1494
REV:	0



XREF LIST:  
 E335-E15-SFP100  
 E335-CP-1822x4  
 GB-SEAL-BVE26489  
 E335-L86-KAP100  
 E335-L86-STP003  
 E335-P86-SFP100  
 E335-E15-AZV001

**NOTES:**

- ⊗ INDICATES FOOTING MARK PER DWG E15-SFD120
- (XXX'-X") INDICATES BOTTOM OF FOOTING ELEVATION
- CX INDICATES COLUMN TYPE PER DWG E15-SHD160
- ◆ FOOTING STEP PER DETAIL A/E15-SFD121
- ELEVATION INDICATED IS TOP OF CONCRETE AT HIGH SIDE(S). SLOPE TOP OF SLAB TOWARD SUMP PER ARCH, TYPICAL ALL SIDES.
- WF-X INDICATES CONTINUOUS WALL FOOTING MARK PER DETAIL 3/E15-SFD120.
- SEE CIVIL DRAWINGS FOR LOCATION OF PERIMETER FOUNDATION DRAINS.



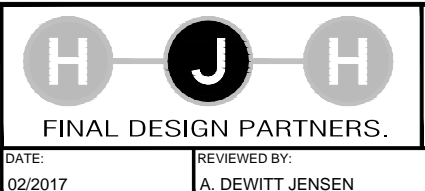
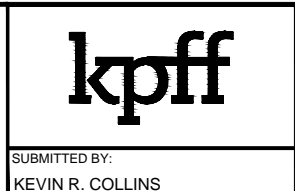
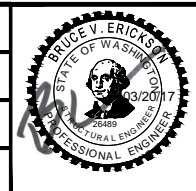
**FOUNDATION PLAN - WEST** 1  
 SCALE: 1/8" = 1'-0"  
 E15-SFP101  
 E15-SZK100



ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 BACK-CHECKED BY: / DATE: /  
 03/07/17 | 2:35 PM | FULLNER2  
 S:\EASTLINK\E335\PDF\E335-FC-PDF\UNSCRIP\PLEASE E335 REVISED DWG RE-PLOTE E335-E15-SFP101.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
D. EVANGER  
 DRAWN BY:  
R. TORGESON  
 CHECKED BY:  
B. ERICKSON  
 APPROVED BY:  
M. COWARD



SCALE:  
1/8" = 1'-0"  
 FILENAME:  
E335-E15-SFP101  
 CONTRACT No.:  
RTA/CN 0045-14C  
 DATE:  
02/2017

**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - STRUCTURES  
 FOUNDATION PLAN  
 WEST

DRAWING No.:	E15-SFP101
LOCATION ID:	E15
SHEET No.:	1496
REV:	0

SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

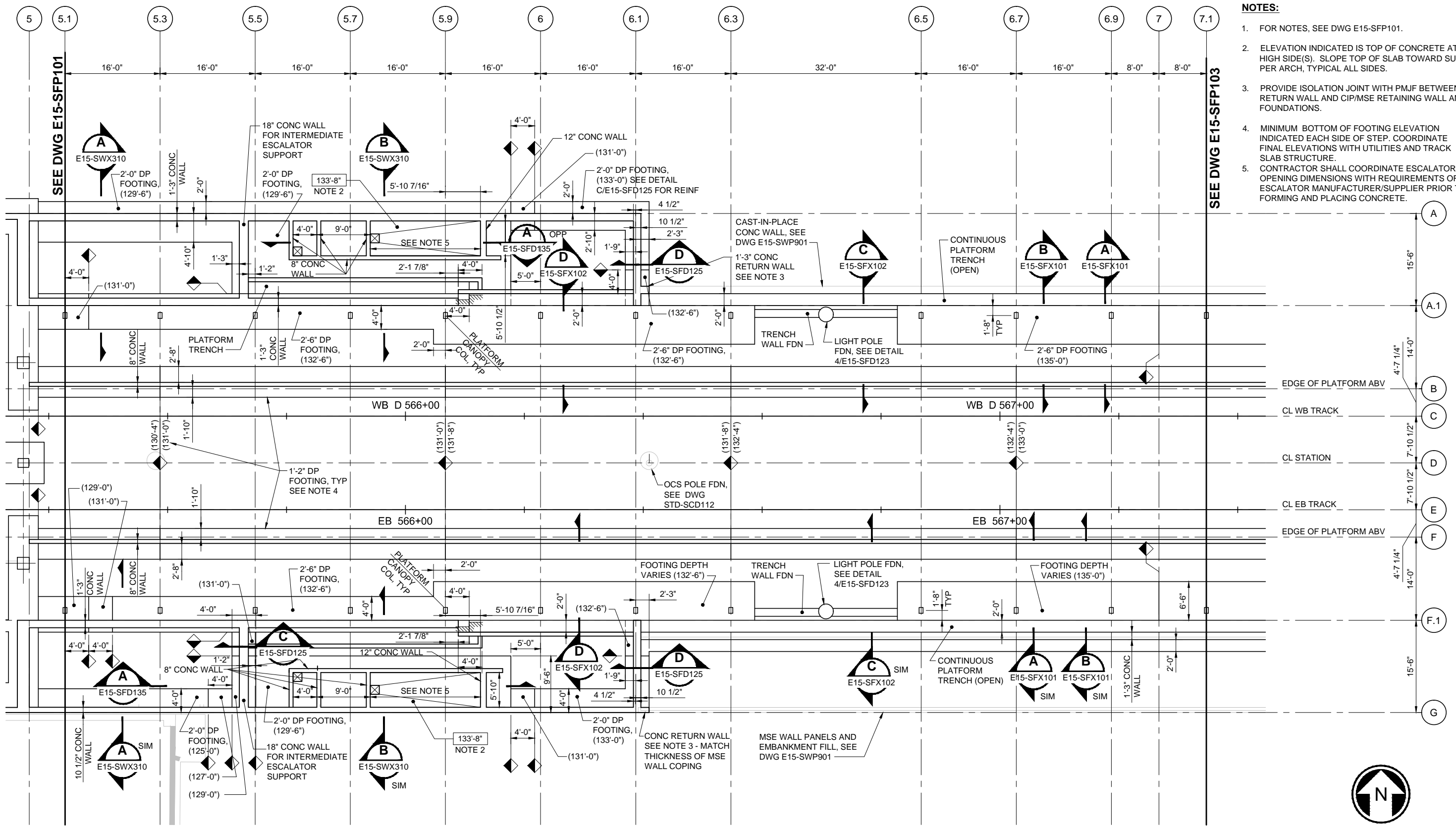
DATE:  
02/2017



- NOTES:**
- FOR NOTES, SEE DWG E15-SFP101.
  - ELEVATION INDICATED IS TOP OF CONCRETE AT HIGH SIDE(S). SLOPE TOP OF SLAB TOWARD SUMP PER ARCH, TYPICAL ALL SIDES.
  - PROVIDE ISOLATION JOINT WITH PMJF BETWEEN RETURN WALL AND CIP/MSE RETAINING WALL AND FOUNDATIONS.
  - MINIMUM BOTTOM OF FOOTING ELEVATION INDICATED EACH SIDE OF STEP. COORDINATE FINAL ELEVATIONS WITH UTILITIES AND TRACK SLAB STRUCTURE.
  - CONTRACTOR SHALL COORDINATE ESCALATOR PIT OPENING DIMENSIONS WITH REQUIREMENTS OF ESCALATOR MANUFACTURER/SUPPLIER PRIOR TO FORMING AND PLACING CONCRETE.

**XREF LIST:**  
 E335-E15-SFP100  
 E335-CP-182234  
 GB-SEAL-BV26489  
 E335-L86-KAP100  
 E335-P86-SFP100  
 E335-L86-JOP100  
 E335-E15-AZV001  
 E335-E15-APP200  
 E335-E15-APP100

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 VERIFIED BY: / DATE: /  
 C:\WORK\EL-PRINTING\E335-FC-DWG\DRAWINGS\STRUCTURE\E15-SFP102.DWG

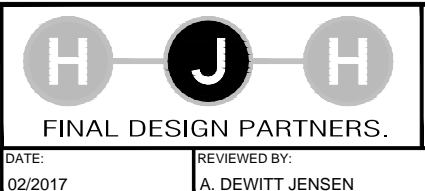
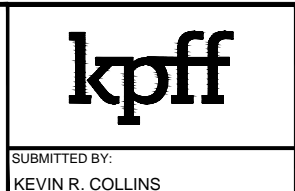
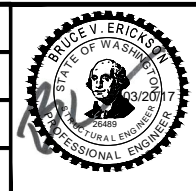


**FOUNDATION PLAN - CENTRAL** 1  
 SCALE: 1/8" = 1'-0"  
 E15-SFP102  
 E15-SZK100

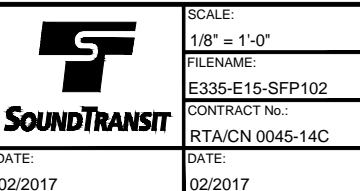


No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
D. EVANGER  
 DRAWN BY:  
R. TORGESON  
 CHECKED BY:  
D. ARNDT  
 APPROVED BY:  
M. COWARD



LINE IS 1" AT FULL SCALE



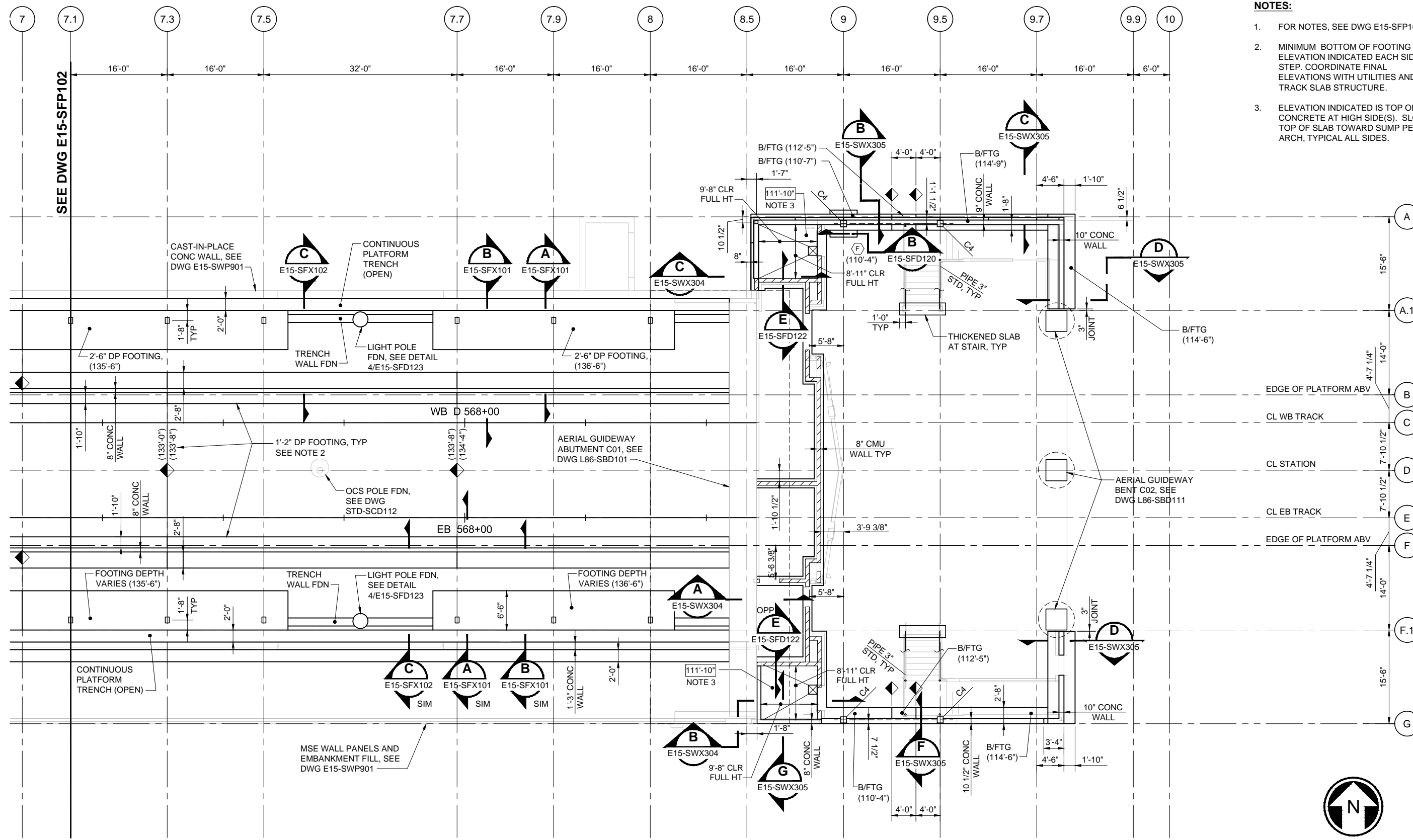
SCALE:  
1/8" = 1'-0"  
 FILENAME:  
E335-E15-SFP102  
 CONTRACT No.:  
RTA/CN 0045-14C  
**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - STRUCTURES  
 FOUNDATION PLAN  
 CENTRAL

DRAWING No.:	E15-SFP102
LOCATION ID:	E15
SHEET No.:	1497
REV:	0



**NOTES:**

- FOR NOTES, SEE DWG E15-SFP101.
- MINIMUM BOTTOM OF FOOTING ELEVATION INDICATED EACH SIDE OF STEP. COORDINATE FINAL ELEVATIONS WITH UTILITIES AND TRACK SLAB STRUCTURE.
- ELEVATION INDICATED IS TOP OF CONCRETE AT HIGH SIDE(S). SLOPE TOP OF SLAB TOWARD SUMP PER ARCH, TYPICAL ALL SIDES.



**FOUNDATION PLAN - EAST**  
 SCALE: 1/8" = 1'-0"  
 E15-SFP103  
 E15-SZK100

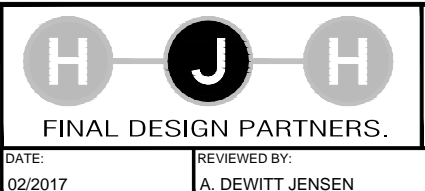
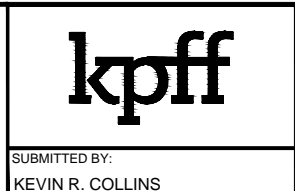
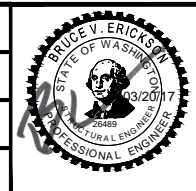
**XREF LIST:**  
 XE335-E15-SFP100  
 XE335-E15-APP100  
 XE335-GB-TB22x34  
 GB-SEAL-BVE26489  
 XE335-L86-KA1100  
 XE335-L86-JOP100  
 XE335-E15-APP200  
 XE335-E15-AZV001

ORIGINATED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 VERIFIED BY: / DATE: /

03/07/17 | 2:37 PM | FULLNER2  
 S:\EASTLINK\E335\FD\E335-FC-PDF\DRUNSCRIP\PLEASE REVISION DWG REPLET\E335-E15-SFP103.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
D. EVANGER  
 DRAWN BY:  
R. TORGESON  
 CHECKED BY:  
D. ARNDT  
 APPROVED BY:  
M. COWARD



SCALE:  
1/8" = 1'-0"  
 FILENAME:  
E335-E15-SFP103  
 CONTRACT No.:  
RTA/CN 0045-14C  
 DATE:  
02/2017

**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - STRUCTURES  
 FOUNDATION PLAN  
 EAST

DRAWING No.:	E15-SFP103
LOCATION ID:	E15
SHEET No.:	1498
REV:	0

SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

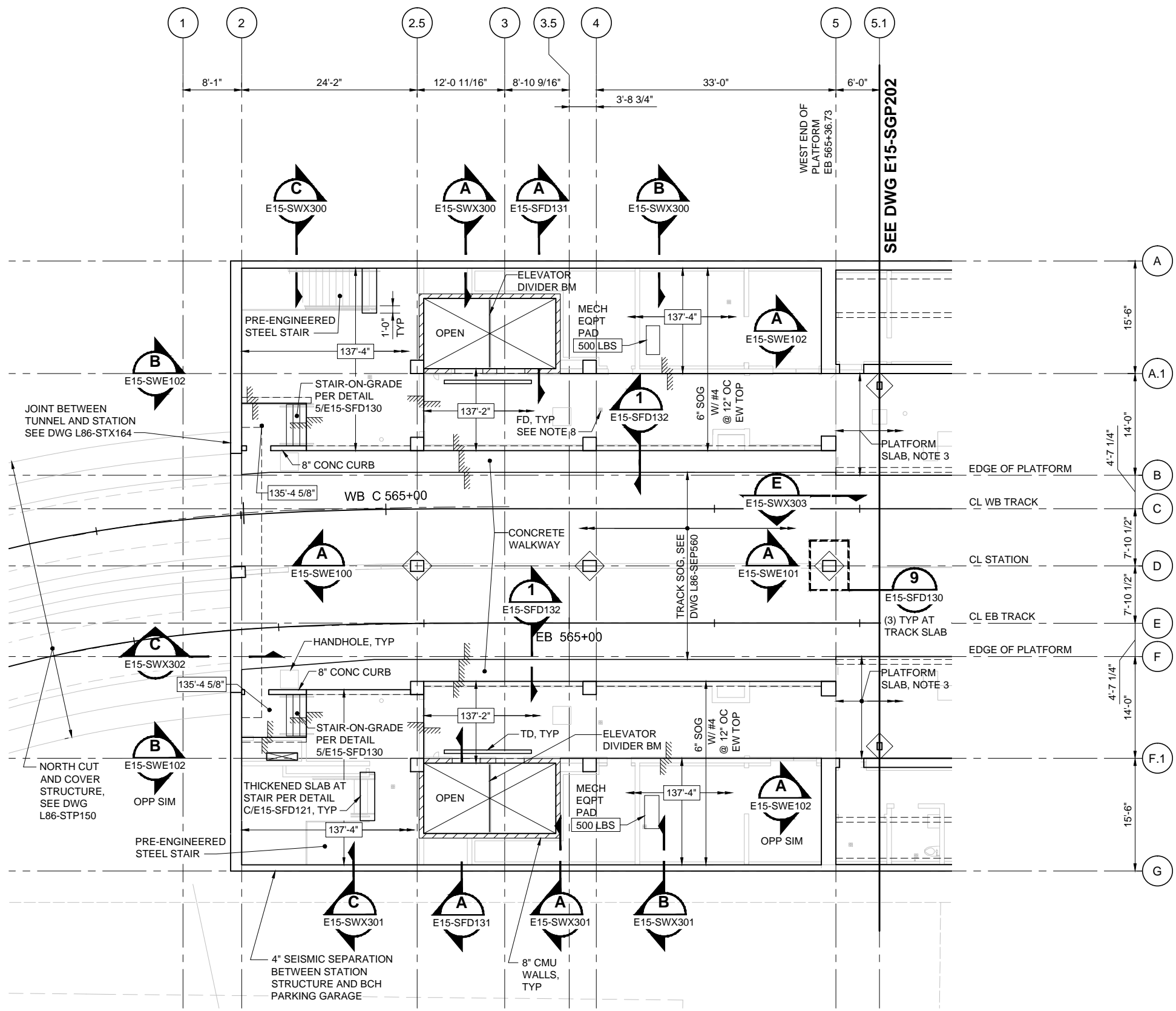
REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017



XREF LIST:  
 XE335-L86-KAP100  
 XE335-E15-SGP200  
 XE335-E15-APP200  
 XE335-GB-TB2234  
 GB-SEAL-BVE26489  
 XE335-L86-STP003  
 XE335-P86-SFP100  
 XE335-E15-AZV001

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 BACK-CHECKED BY: / DATE: /  
 02/07/17 | 8:13 PM | KRALL  
 C:\WORK\REL-PRINTING\E335-FC-DWG\DRAWINGS\STRUCTURE\E15-SGP201.DWG



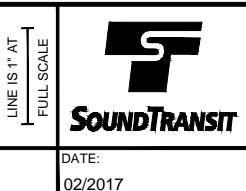
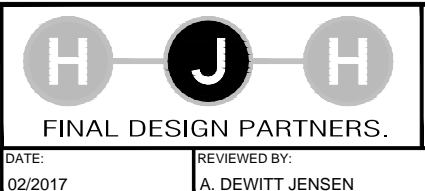
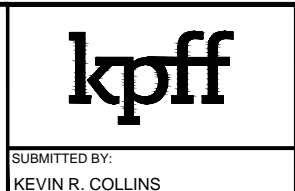
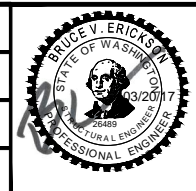
- NOTES:**
- XXX LBS INDICATES MAXIMUM EQUIPMENT WEIGHT AT MECHANICAL PAD. COORDINATE FINAL LOCATION WITH MECH, ELEC, OR SYSTEM DWGS. COORDINATE FINAL DIMENSIONS WITH MFR INFORMATION.
  - SEE DWG STD-SCD111 FOR TYPICAL TRACK SLAB-ON-GRADE.
  - PLATFORM SLAB SLOPES LONGITUDINALLY WITH TOP OF RAIL ELEVATION. PLATFORM SLAB SLOPES 1.0 PERCENT TOWARD TRACKWAY IN THE TRANSVERSE DIRECTION.
  - SEE DETAIL A/E15-SFD132 FOR SLAB-ON-GRADE AT TRENCH DRAIN. FOR SIZE AND LOCATION SEE MECHANICAL DRAWINGS.
  - SEE DWG E15-SFD130 FOR TYPICAL SLAB ON GRADE DETAILS.
  - SEE ELECTRICAL DRAWINGS FOR HANDHOLE LOCATIONS. COORDINATE WITH ARCHITECTURAL FINISHES. SEE DWG E15-SFD131 FOR DETAILS.
  - COORDINATE STRUCTURAL JOINTS WITH ARCHITECTURAL FINISHES AND LAYOUT.
  - SEE MECHANICAL DRAWINGS FOR LOCATIONS OF FLOOR DRAINS.
  - SLOPE FLOOR TO DRAINS. SEE DWG E15-AGP103 TO E15-AGP501 AND E15-APP103 TO E15-APP503 FOR FINAL LOCATION AND GRADE OF SLOPE.
  - SEE DWG E15-AGP103 TO E15-AGP401 FOR CONCRETE CURBS.

**PLATFORM PLAN - WEST**  
 SCALE: 1/8" = 1'-0"  
 E15-SGP201  
 E15-SZK100



No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
D. EVANGER  
 DRAWN BY:  
R. TORGESON  
 CHECKED BY:  
B. ERICKSON  
 APPROVED BY:  
M. COWARD



SCALE:  
1/8" = 1'-0"  
 FILENAME:  
E335-E15-SGP201  
 CONTRACT No.:  
RTA/CN 0045-14C  
 DATE:  
02/2017

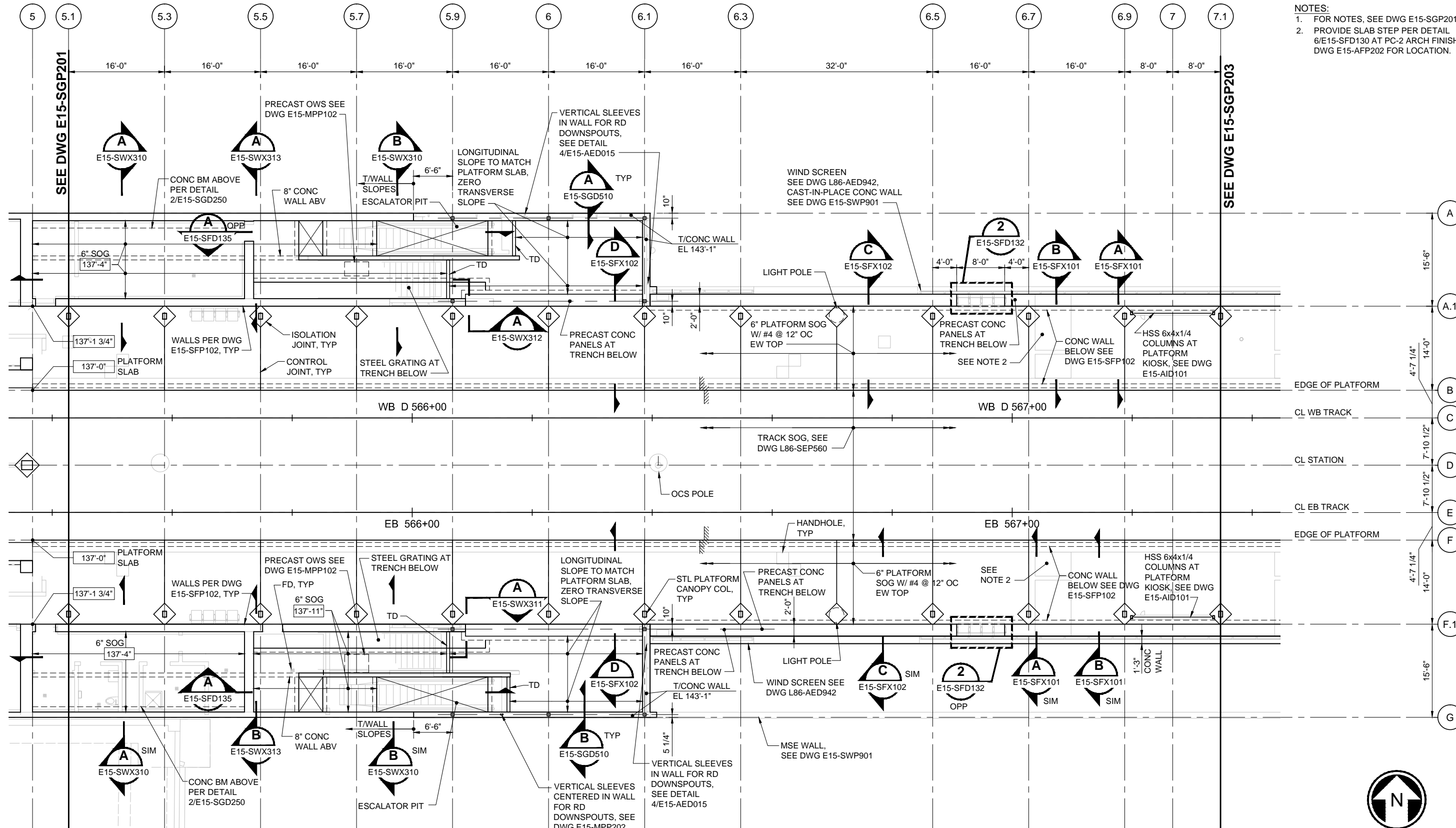
**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - STRUCTURES  
 PLATFORM PLAN  
 WEST

DRAWING No.:	E15-SGP201
LOCATION ID:	E15
SHEET No.:	1500
REV:	0



- NOTES:
- FOR NOTES, SEE DWG E15-SGP201.
  - PROVIDE SLAB STEP PER DETAIL 6/E15-SFD130 AT PC-2 ARCH FINISH. SEE DWG E15-AFP202 FOR LOCATION.

XREF LIST:  
 XE335-L86-KAP100  
 XE335-E15-SGP200  
 XE335-E15-APP200  
 XE335-GB-TB2234  
 GB-SEAL-BVE26489  
 XE335-P86-SFP100  
 XE335-L86-JOP100  
 XE335-E15-AZV001

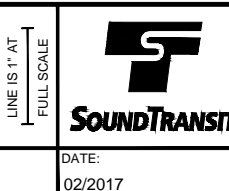
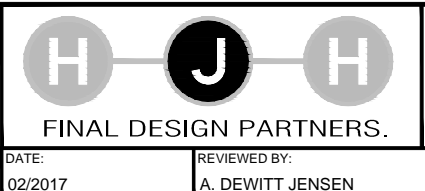
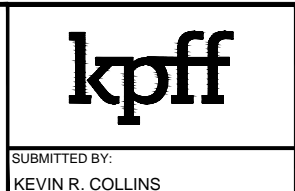
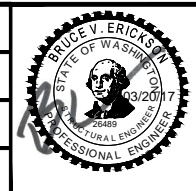


**PLATFORM PLAN - CENTRAL** 1  
 SCALE: 1/8" = 1'-0"  
 E15-SGP202  
 E15-SZK100

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 BACK-CHECKED BY: / DATE: /  
 02/07/17 | 8:14 PM | KRALL  
 C:\WORK\EL-PRINTING\E335\FC DWGS\DRAWINGS\STRUCTURE\E15-SGP202.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
D. EVANGER  
 DRAWN BY:  
R. TORGESON  
 CHECKED BY:  
D. ARNDT  
 APPROVED BY:  
M. COWARD



SCALE:  
1/8" = 1'-0"  
 FILENAME:  
E335-E15-SGP202  
 CONTRACT No.:  
RTA/CN 0045-14C  
 DATE:  
02/2017

**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - STRUCTURES  
 PLATFORM PLAN  
 CENTRAL

DRAWING No.:	E15-SGP202
LOCATION ID:	E15
SHEET No.:	1501
REV:	0



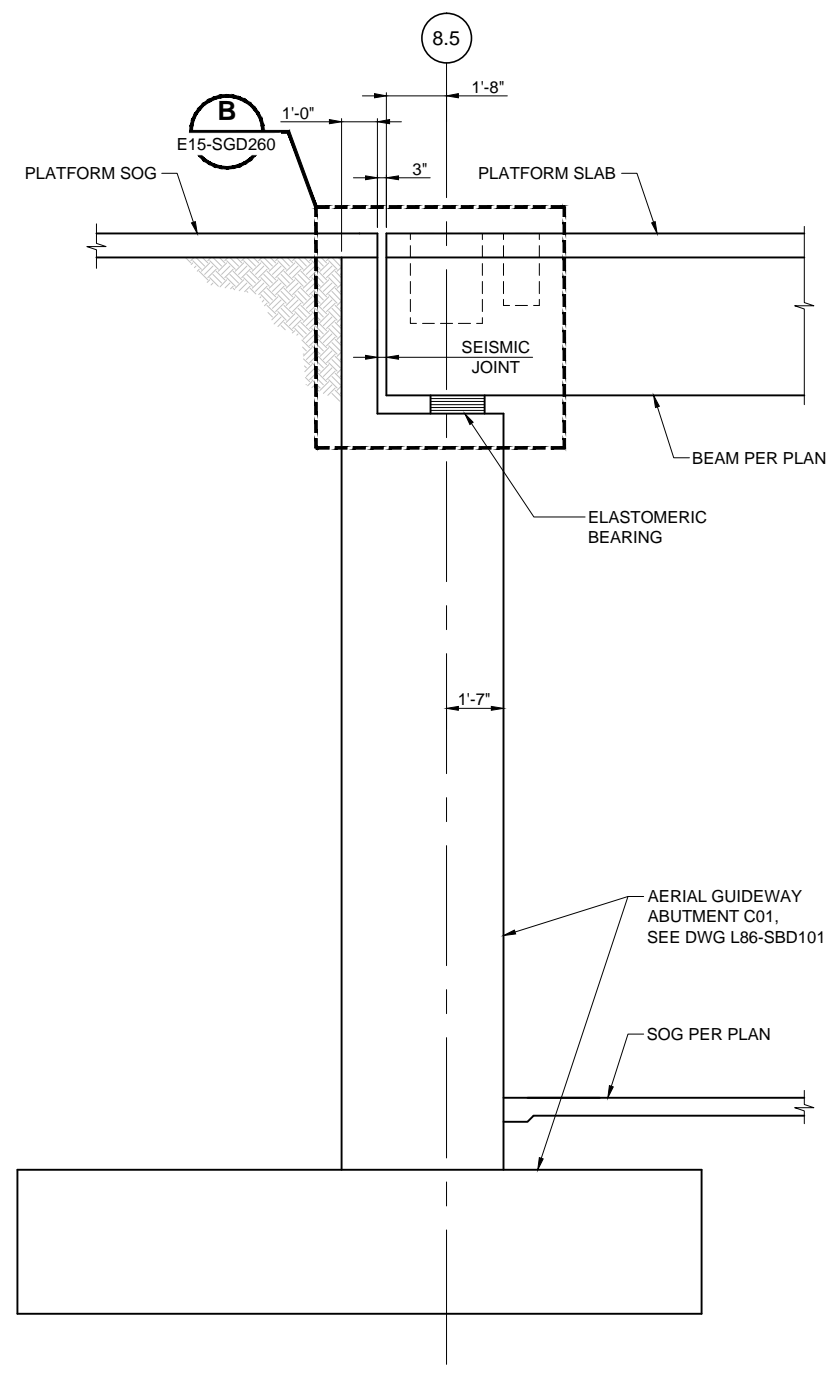




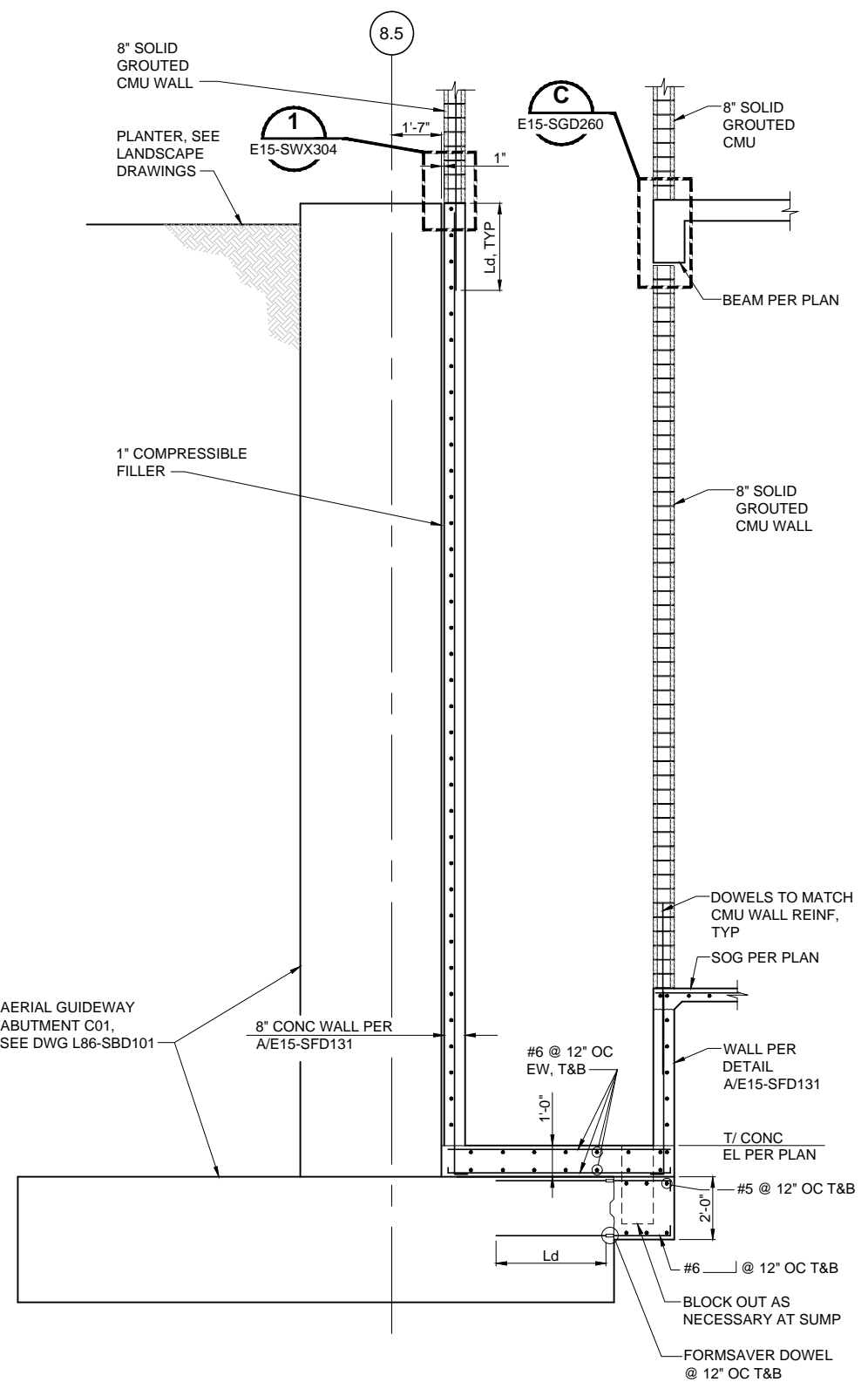




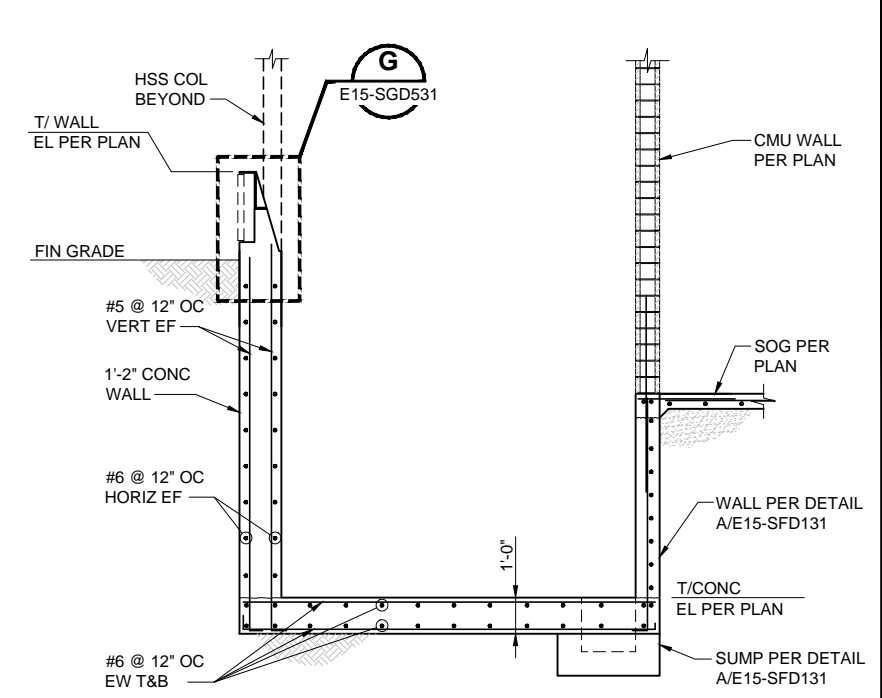
XREF LIST:  
 E335-GB-TB22x34  
 GB-SEAL-01E26489



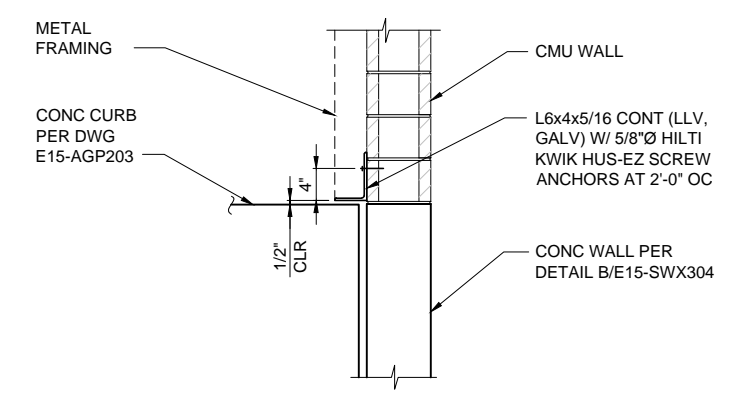
**SECTION - PLATFORM BEAM BEARING AT ABUTMENT**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX304  
 E15-SFP103, E15-SGP203



**SECTION - AT SOUTH ELEVATOR**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX304  
 E15-SFP103  
 E15-SGP103



**SECTION - AT NORTH ELEVATOR PIT**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX304  
 E15-SFP103  
 E15-SGP103

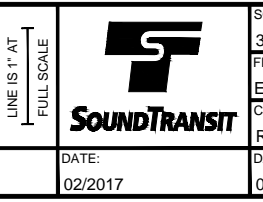
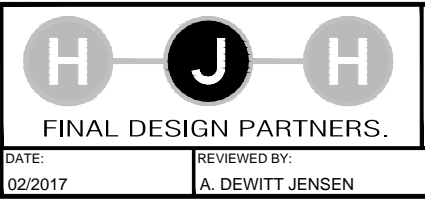
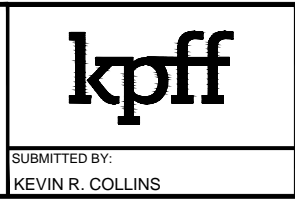
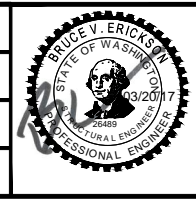


**DETAIL - WALL SUPPORT LEDGER**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX304

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 BACK-CHECKED BY: / DATE: /  
 02/08/17 | 9:57 AM | KRALLU  
 C:\WORK\REL-PRINTING\E335 IFC DWGS\DRAWINGS\STRUCTURE\E335-E15-SWX304.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
 D. EVANGER  
 DRAWN BY:  
 R. TORGESON  
 CHECKED BY:  
 D. ARNDT  
 APPROVED BY:  
 M. COWARD



SCALE:  
 3/8" = 1'-0"  
 FILENAME:  
 E335-E15-SWX304  
 CONTRACT No.:  
 RTA/CN 0045-14C

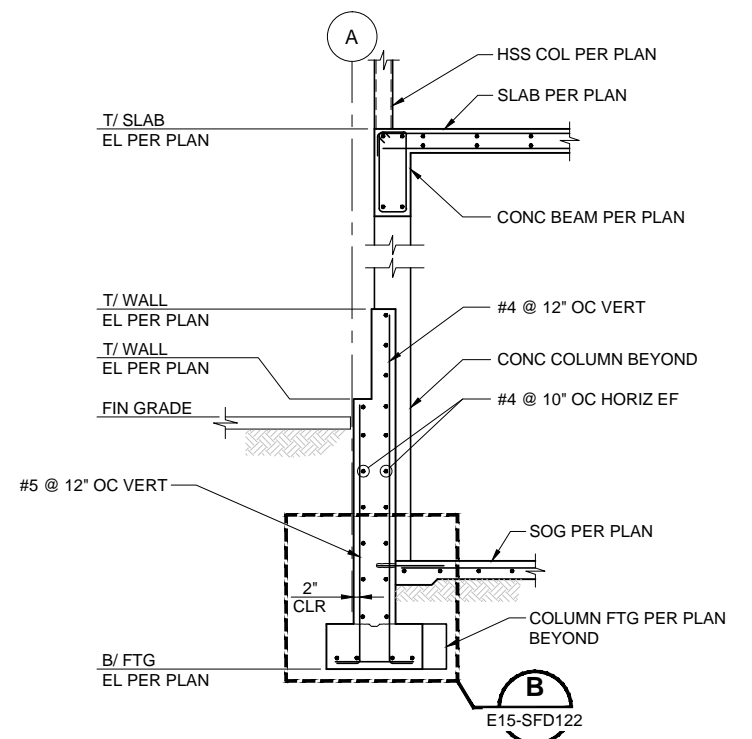
**EAST LINK EXTENSION CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - STRUCTURES  
 CONCRETE SECTIONS  
 WALLS

DRAWING No.:	E15-SWX304
LOCATION ID:	E15
SHEET No.:	1522
REV:	0

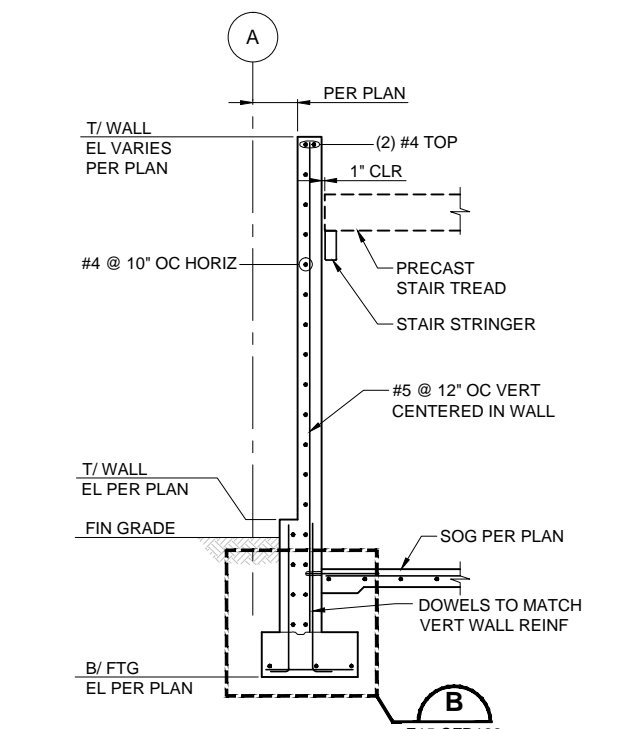
SUBMITTED BY: KEVIN R. COLLINS  
 DATE: 02/2017  
 REVIEWED BY: A. DEWITT JENSEN  
 DATE: 02/2017



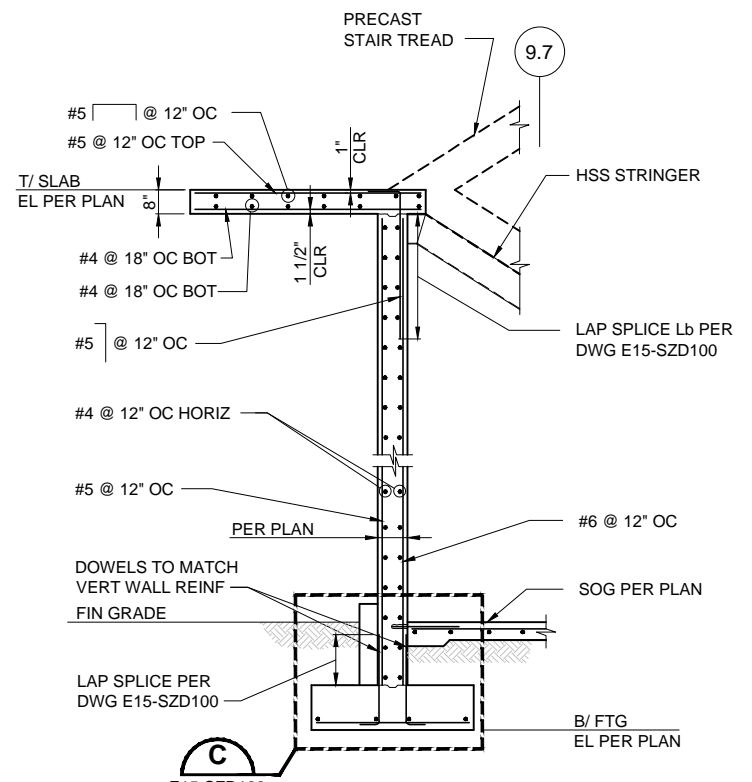
XREF LIST:  
 E335-GB-TB22x34  
 GB-SEAL-01E26489



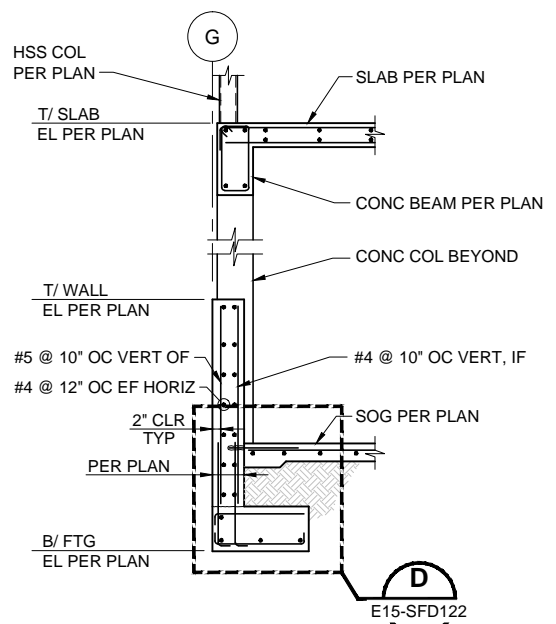
**SECTION - NORTH PLATFORM SLAB EDGE (B)**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX305  
 E15-SFP103  
 E15-SGP103



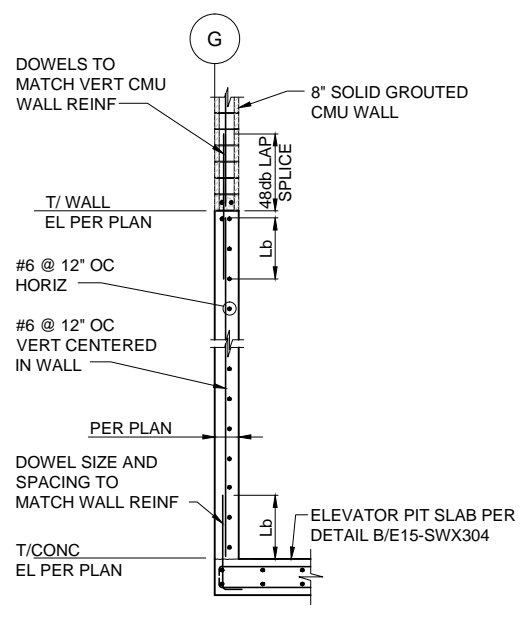
**SECTION - CONCRETE WALL AT STAIR (C)**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX305  
 E15-SFP103  
 E15-SGP103



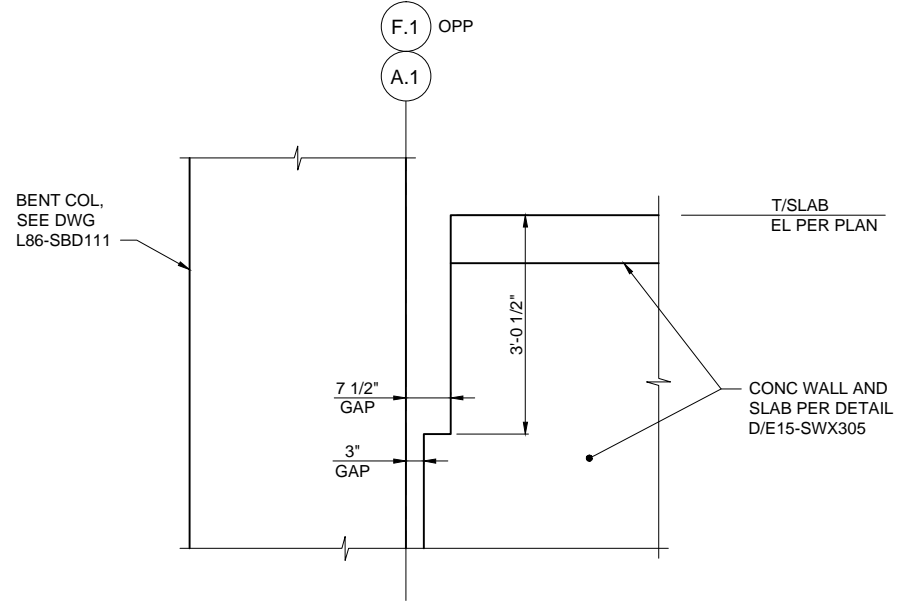
**SECTION - CONCRETE WALL AT STAIR (D)**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX305  
 E15-SFP103  
 E15-SGP103  
 E15-SGP203  
 E15-SGP523



**SECTION - CONCRETE STEM WALL AT PROPERTY LINE (F)**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX305  
 E15-SFP103  
 E15-SGP103



**SECTION - CONCRETE WALL AT PROPERTY LINE (G)**  
 SCALE: 3/8" = 1'-0"  
 E15-SWX305  
 E15-SFP103  
 E15-SGP103

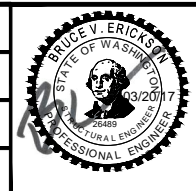


**SECTION - CONCRETE WALL AT STAIR (H)**  
 SCALE: 3/4" = 1'-0"  
 E15-SWX305  
 E15-SGP523

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 VERIFIED BY: / DATE: /  
 02/08/17 | 9:57 AM | KRALLU  
 C:\WORK\EL-PRINTING\E335 IFC DWGS\DRAWINGS\STRUCTURE\E15-SWX305.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
D. EVANGER  
 DRAWN BY:  
R. TORGESON  
 CHECKED BY:  
D. ARNDT  
 APPROVED BY:  
M. COWARD



**kpff**  
 SUBMITTED BY:  
KEVIN R. COLLINS

**H J H**  
 FINAL DESIGN PARTNERS.  
 DATE: 02/2017  
 REVIEWED BY:  
A. DEWITT JENSEN

**SOUNDTRANSIT**  
 SCALE: 3/8" = 1'-0"  
 FILENAME:  
E335-E15-SWX305  
 CONTRACT No.:  
RTA/CN 0045-14C  
 DATE: 02/2017

**EAST LINK EXTENSION CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - STRUCTURES  
 CONCRETE SECTIONS  
 WALLS

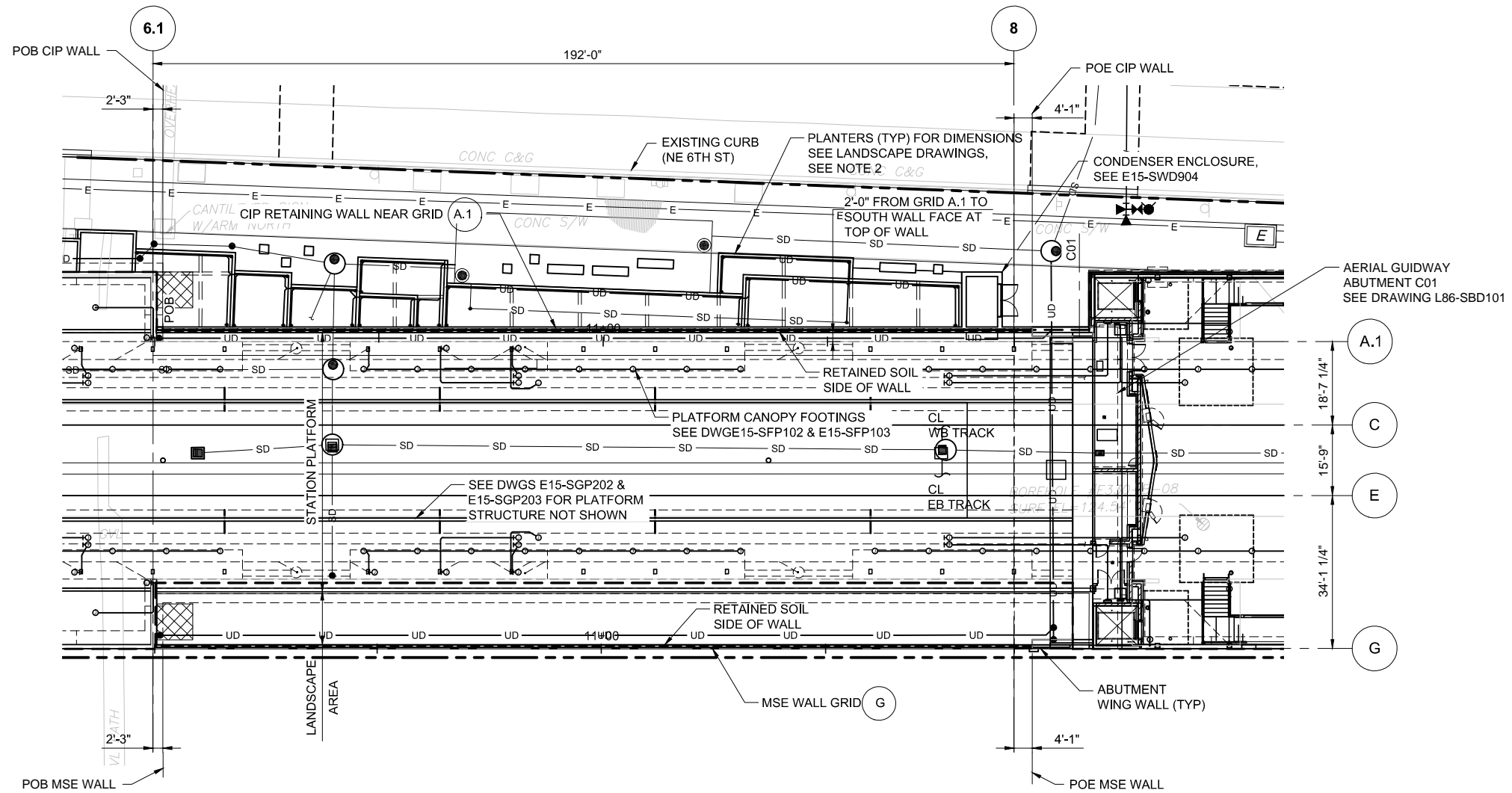
DRAWING No.:	E15-SWX305
LOCATION ID:	E15
SHEET No.:	1523
REV:	0



**NOTES:**

1. FOR MSE WALL ELEVATIONS AND WALL GEOMETRY SEE DRAWING E15-SWE902.
2. FOR PLANTER STRUCTURAL DETAILS SEE DRAWING E15-SWD903. FOR GEOMETRY SEE DRAWINGS E15-LSP101, E15-LSP102 AND E15-LSP103.
3. FOR TYPICAL MSE WALL DETAILS SEE STANDARD DRAWING STD-SWE131.

**XREF LIST:**  
 XE335-E15-APP100  
 XE335-E15-SFP100  
 XE335-L86-KAP100  
 XE335-E15-SWP100  
 XE335-GB-TB22-34  
 XE335-L86-CRP100  
 XEL-05284  
 XEL-05281  
 XE335-L86-SFP100  
 XE335-L86-GCP100  
 XE335-E15-LSP100  
 GB-SEAL-SPW22548  
 XE335-L86-CXP100  
 XE335-L86-CRV100  
 XE335-L86-CAP100  
 XE335-E15-LFP100  
 XE335-E15-AZV086  
 XE335-L86-CDP100  
 XE335-L86-UCP100  
 XE335-E15-JEP100  
 XE335-E15-JEP200



**WALL PLAN**  
 SCALE: 1/16" = 1'-0"

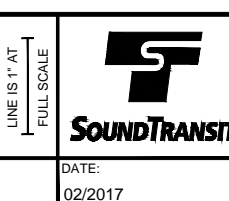
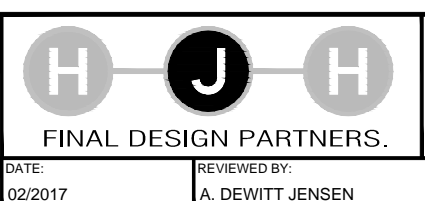
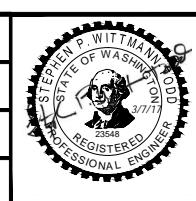


ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 BACK-CHECKED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 VERIFIED BY: / DATE: /

02/08/17 | 9:53 AM | KRALLU  
 C:\WORK\REL-PRINTING\E335 E15-SWP901.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
 S. WITTMANN-TODD  
 DRAWN BY:  
 J. RODRIGUEZ  
 CHECKED BY:  
 R. RUANA  
 APPROVED BY:  
 M. COWARD



SCALE:  
 1/16" = 1'-0"  
 FILENAME:  
 E335-E15-SWP901  
 CONTRACT No.:  
 RTA/CN 0045-14C  
 DATE:  
 02/2017

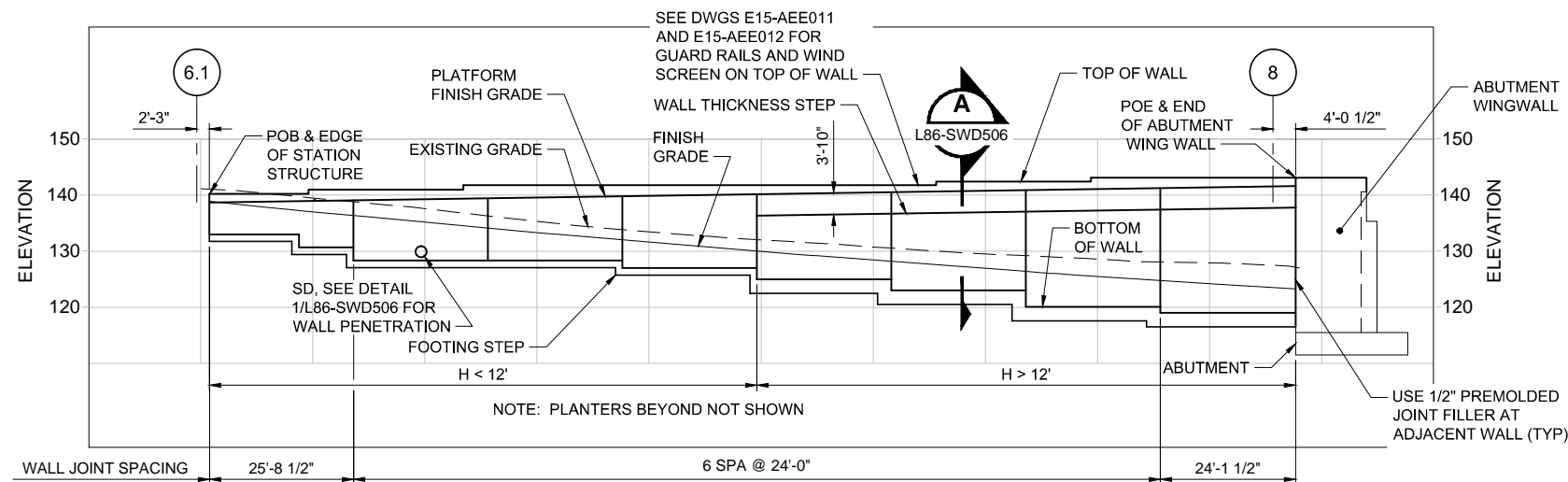
**EAST LINK EXTENSION**  
**CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION  
 PLATFORM WALL  
 PLAN

DRAWING No.:	E15-SWP901
LOCATION ID:	E15
SHEET No.:	1571
REV:	0

SUBMITTED BY: KEVIN R. COLLINS  
 DATE: 02/2017  
 REVIEWED BY: A. DEWITT JENSEN  
 DATE: 02/2017

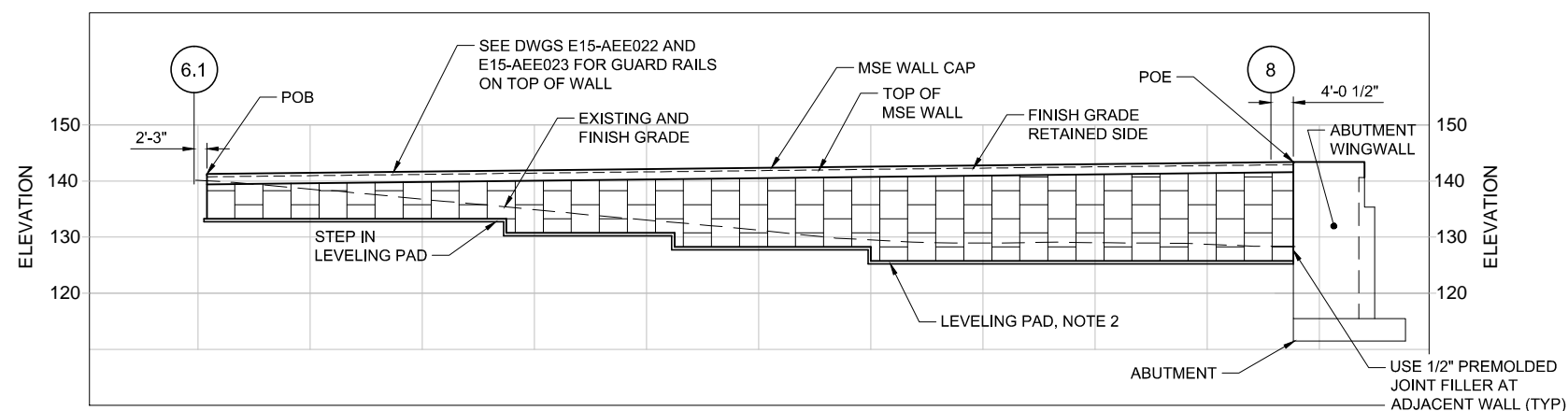


XREF LIST:  
 XE335-E15-AZV192  
 XE335-E15-APP100  
 XE335-E15-SFP100  
 XE335-L86-KAP100  
 XE335-GIB-TD22324  
 XE335-L86-CRP100  
 XEL-0528d  
 XEL-0528c1  
 GB-SEAL-SPW23548  
 XE335-E15-SWP100



**DEVELOPED ELEVATION - CIP WALL NEAR GRID A.1**

SCALE: 1/16" = 1'-0"



**DEVELOPED ELEVATION - MSE WALL GRID G**

SCALE: 1/16" = 1'-0"

- NOTES:**
1. ALL WALL ELEVATIONS ARE DRAWN LOOKING LEFT WITH RESPECT TO HIGHER GRID NUMBER.
  2. LOCATION OF LEVELING PAD STEPS AND BOTTOM OF MSE WALL ELEVATIONS TO BE DETERMINED BY CONTRACTOR. SEE SPECIFICATION SECTION 32 32 34 MECHANICALLY STABILIZED EARTH WALLS.
  3. FOR STANDARD MSE WALL DETAILS SEE STANDARD PLAN STD-SWE131.

**CIP WALL GRID A.1  
VERTICAL GEOMETRY SCHEDULE**

DISTANCE EAST OF GRID 6.1	TOP OF WALL ELEV	BOTTOM OF WALL ELEV
2'-3" = POB	139'-9"	133'-0"
18'-2 1/2" = VERT PI	139'-9" / 140'-6"	130'-8"
27'-11 1/2" = FTG STEP	140'-6"	130'-8" / 128'-4"
45'-9 1/2" = VERT PI	140'-6" / 141'-3"	128'-4"
51'-11 1/2" = FTG STEP	141'-3"	128'-4"
75'-11 1/2" = FTG STEP	141'-3"	128'-4" / 127'-0"
99'-11 1/2" = FTG STEP	141'-3"	127'-0" / 125'-0"
123'-11 1/2" = FTG STEP	141'-3"	125'-0" / 123'-0"
130'-2 1/2" = VERT PI	141'-3" / 141'-11"	123'-0"
147'-11 1/2" = FTG STEP	141'-11"	123'-0" / 121'-0"
157'-9 1/2" = VERT PI	141'-11" / 142'-7"	121'-0"
171'-11 1/2" = FTG STEP	142'-7"	121'-0" / 119'-0"
196'-1" = POE	142'-7"	119'-0"

**MSE WALL GRID G  
VERTICAL GEOMETRY SCHEDULE**

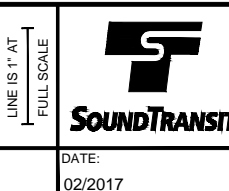
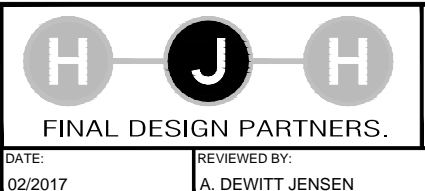
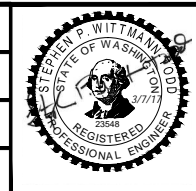
DISTANCE EAST OF GRID 6.1	TOP OF WALL ELEV	BOTTOM OF WALL ELEV
2'-3" + POB	140'-9 1/8"	NOTE 2
196'-1" = POE	142'-9 3/8"	NOTE 2

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 VERIFIED BY: / DATE: /

02/08/17 | 9:51 AM | KRALLJ  
 C:\WORK\REL-PRINTING\E335-FC-DWGS\DRAWINGS\STRUCTURE\E335-E15-SWE902.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
S. WITTMANN-TODD  
 DRAWN BY:  
J. RODRIGUEZ  
 CHECKED BY:  
R. RUANA  
 APPROVED BY:  
M. COWARD



SCALE:  
1/16" = 1'-0"  
 FILENAME:  
E335-E15-SWE902  
 CONTRACT No.:  
RTA/CN 0045-14C  
 DATE:  
02/2017

**EAST LINK EXTENSION  
CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION  
 PLATFORM WALL  
 ELEVATIONS & SCHEDULES

DRAWING No.:  
**E15-SWE902**  
 LOCATION ID:  
E15  
 SHEET No.:  
1572  
 REV:  
0

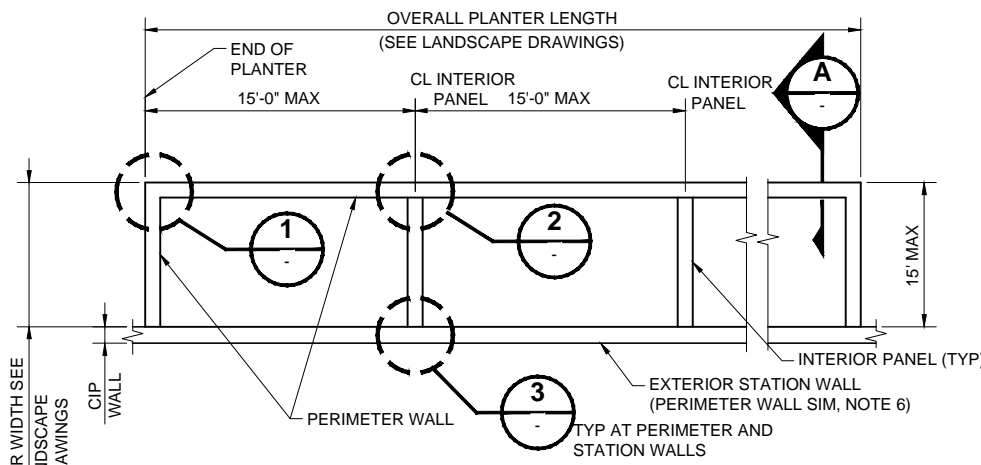
SUBMITTED BY:  
KEVIN R. COLLINS  
 DATE:  
02/2017  
 REVIEWED BY:  
A. DEWITT JENSEN  
 DATE:  
02/2017



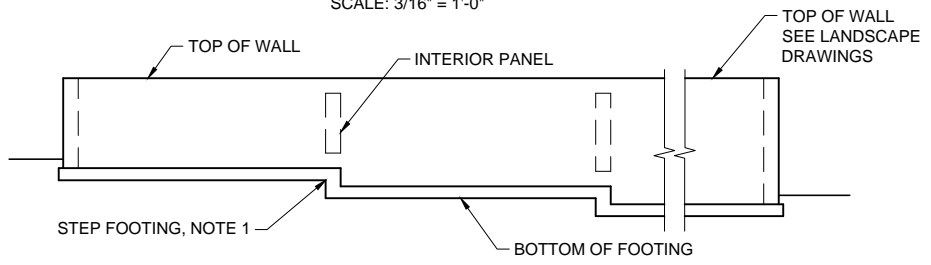
XREF LIST:  
E335-GB-TB22x4  
GB-SEAL-SPW23548

ORIGINATED BY: / DATE: /  
CHECKED BY: / DATE: /  
CORRECTED BY: / DATE: /  
BACK-CHECKED BY: / DATE: /  
VERIFIED BY: / DATE: /

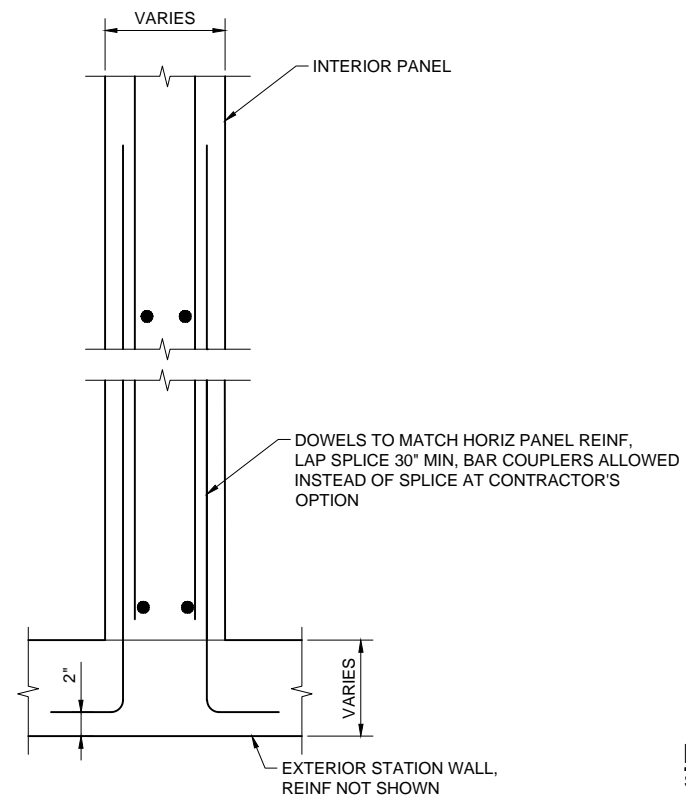
C:\WORK\REL-PRINTING\E335-FC-DWG\DRAWINGS\STRUCTURE\E15-SWD903.DWG  
02/08/17 | 9:47 AM | KRALLU



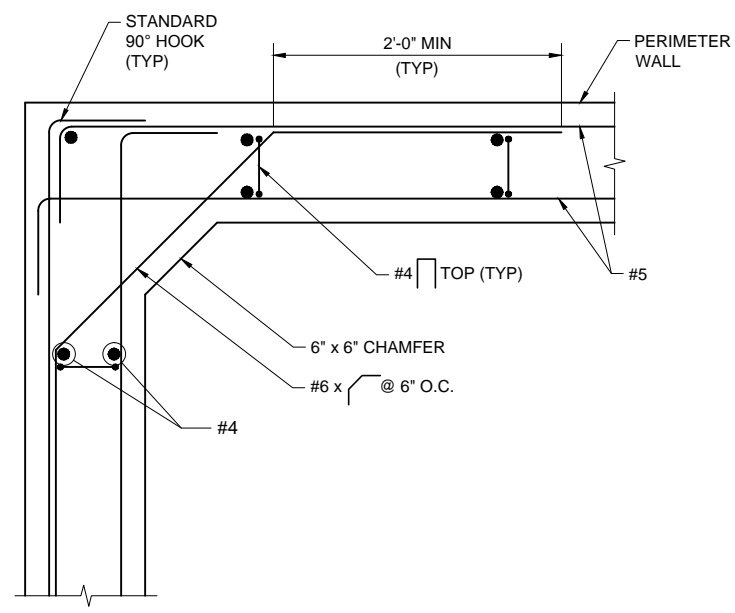
**PARTIAL PLANTER TYPICAL PLAN**  
SCALE: 3/16" = 1'-0"



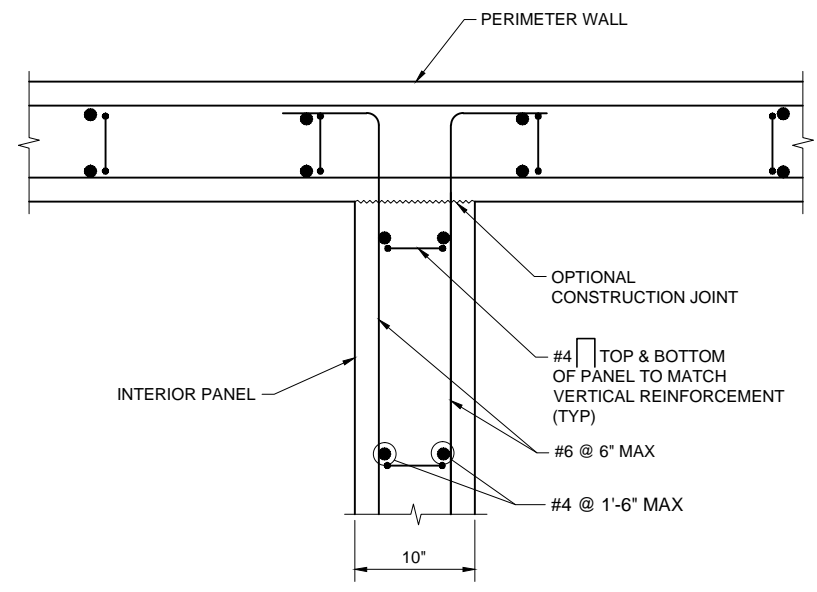
**PARTIAL PLANTER TYPICAL ELEVATION**  
SCALE: 3/16" = 1'-0"



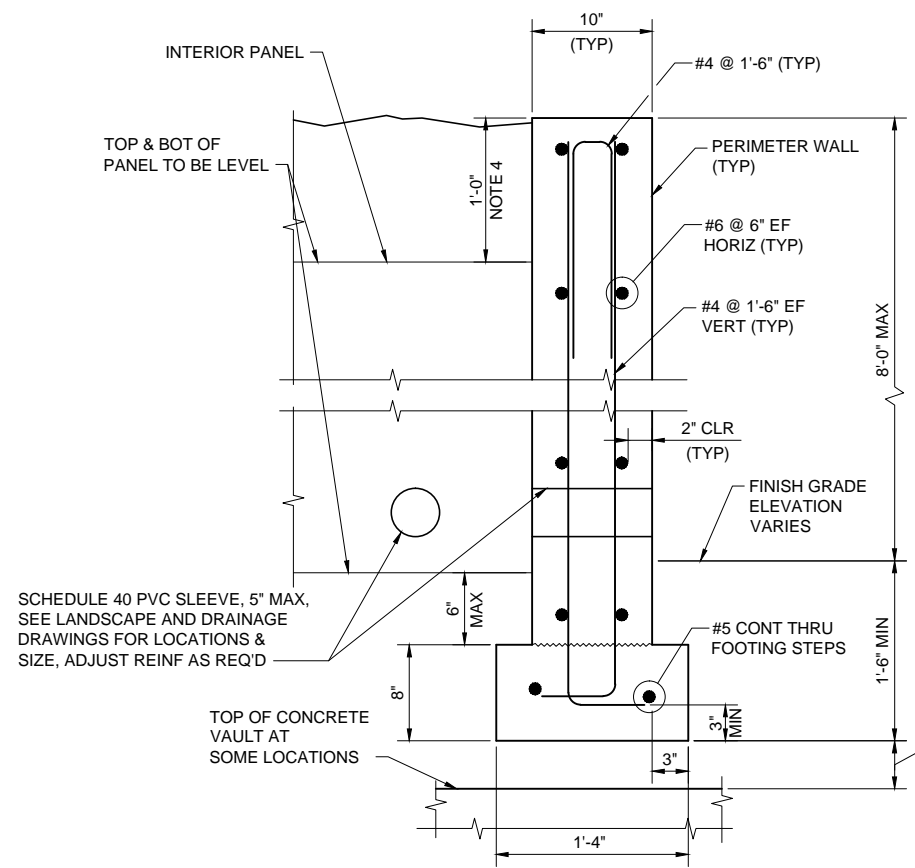
**DETAIL 3**  
SCALE: 1 1/2" = 1'-0"



**DETAIL 1**  
SCALE: 1 1/2" = 1'-0"



**DETAIL 2**  
SCALE: 1 1/2" = 1'-0"



**SECTION A**  
SCALE: 1 1/2" = 1'-0"

- NOTES:**
- SEE DRAWING STD-SWX161 FOR FOOTING STEP.
  - FOR PLANTER GEOMETRY SEE DRAWINGS E15-LSP101, E15-LSP102 AND E15-LSP103.
  - WHEN INTERIOR PANELS INTERSECT CONTINUE HORIZONTAL REINFORCEMENT, NO SPLICES ALLOWED.
  - WHEN WALLS HAVE DIFFERENT TOP ELEVATIONS USE SHORTER WALL TO SET TOP OF PANEL.
  - SUBMIT SHOP DRAWINGS SHOWING GENERAL ARRANGEMENT OF PLANTERS INCLUDING FOOTING STEPS AND RELATIONSHIP TO FINISH GRADE.
  - WHERE PLANTER IS NOT AT EXTERIOR STATION WALL PROVIDE A PERIMETER WALL ALL SIDES.



No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
S. WITTMANN-TODD  
DRAWN BY:  
J. RODRIGUEZ  
CHECKED BY:  
K. FERGUSON  
APPROVED BY:  
M. COWARD

SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017

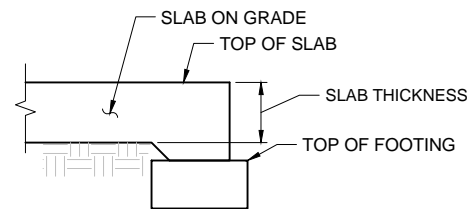
SCALE:  
AS NOTED  
FILENAME:  
E335-E15-SWD903  
CONTRACT No.:  
RTA/CN 0045-14C  
DATE:  
02/2017

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
BTC STATION  
PLATFORM WALL  
PLANTER SECTIONS & DETAILS

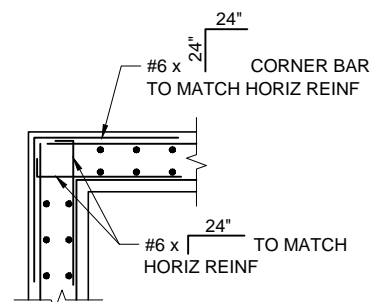
DRAWING No.:  
**E15-SWD903**  
LOCATION ID:  
E15  
SHEET No.:  
1573  
REV:  
0



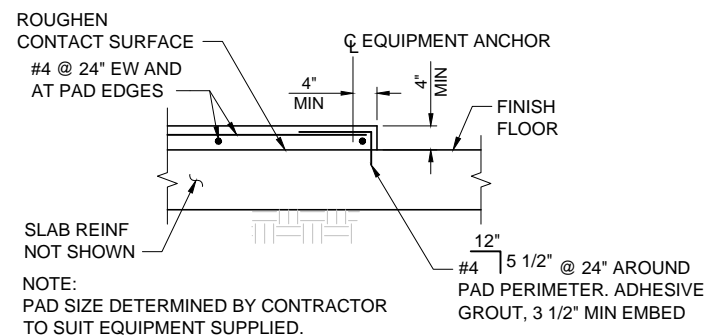
XREF LIST:  
 E335-GB-TB22X34  
 GB-SEAL-SPW23548



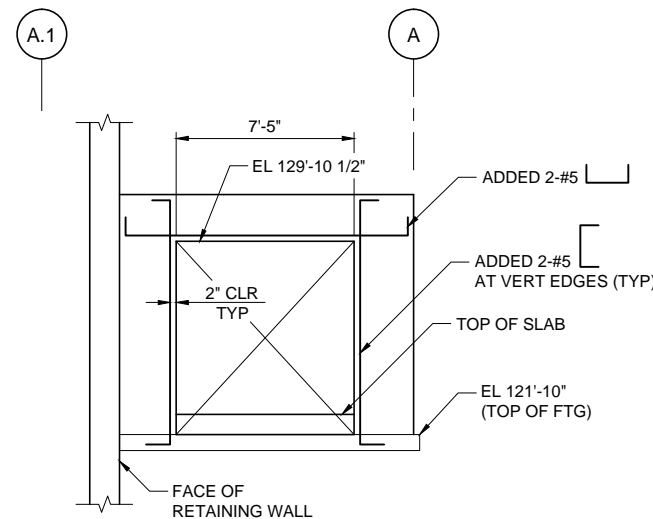
SECTION B  
 SCALE: 3/4" = 1'-0"



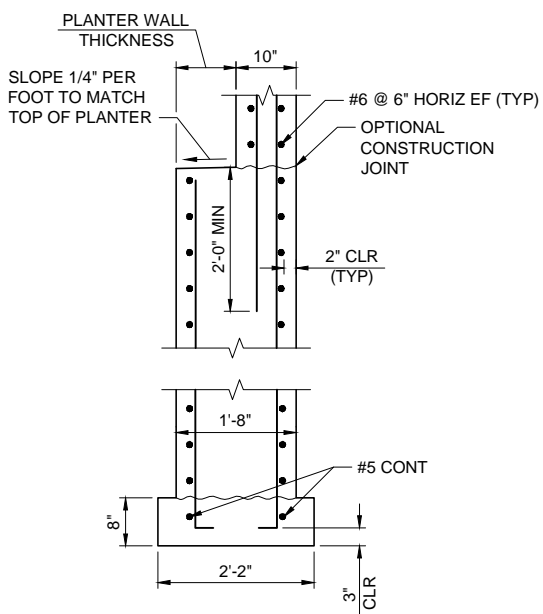
DETAIL 1  
 SCALE: 3/4" = 1'-0"



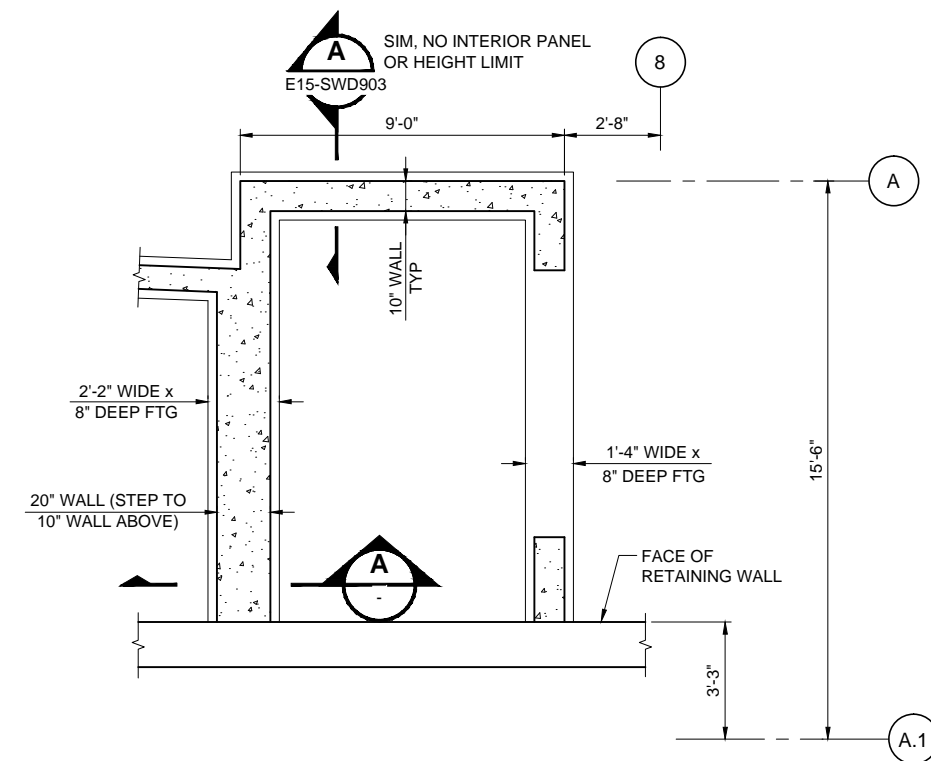
DETAIL 2  
 SCALE: 3/4" = 1'-0"



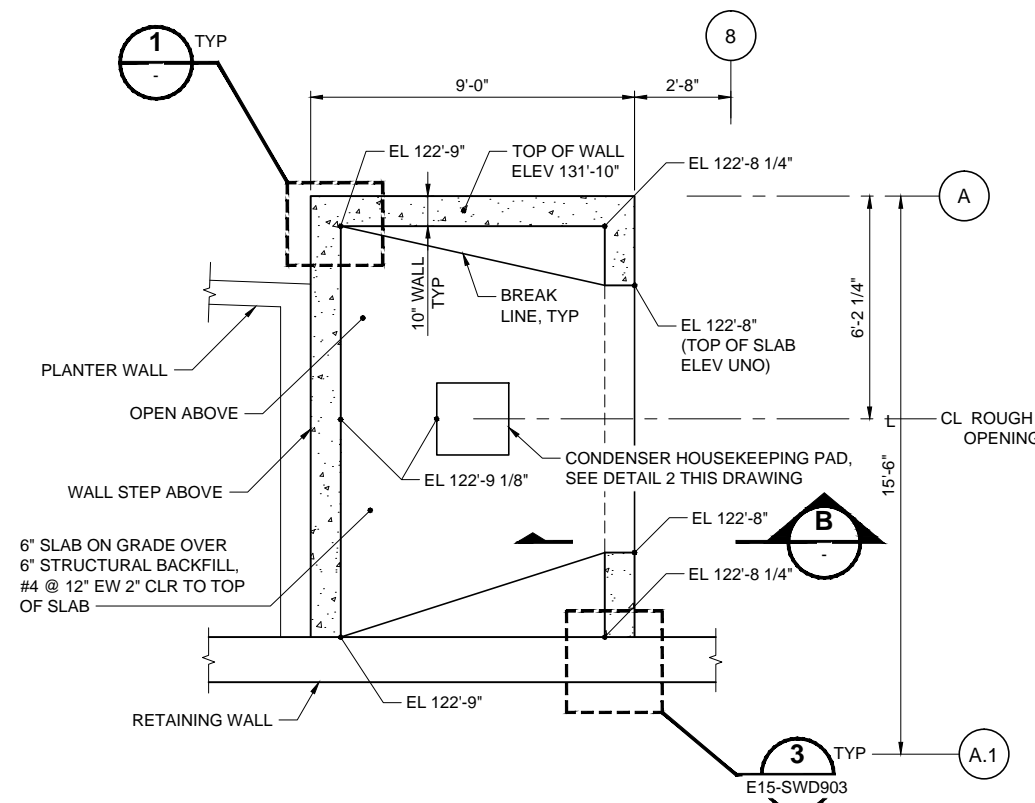
OPENING ELEVATION  
 SCALE: 1/4" = 1'-0"



SECTION A  
 SCALE: 3/4" = 1'-0"



FOUNDATION PLAN  
 SCALE: 3/8" = 1'-0"



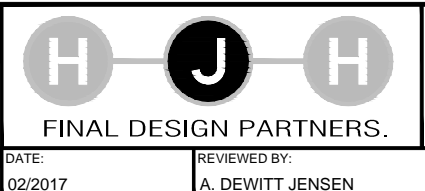
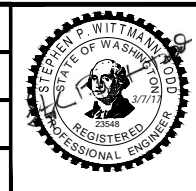
SLAB PLAN  
 SCALE: 3/8" = 1'-0"

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 VERIFIED BY: / DATE: /

02/08/17 | 9:47 AM | KRALLU  
 C:\WORK\REL-PRINTING\E335-FC-DWG\DRAWINGS\STRUCTURE\E335-E15-SWD904.DWG

No.	DATE	DSN	CHK	APP	REVISION
0	02/2017				ISSUED FOR CONSTRUCTION

DESIGNED BY:  
 S. WITTMANN-TODD  
 DRAWN BY:  
 J. RODRIGUEZ  
 CHECKED BY:  
 R. RUANA  
 APPROVED BY:  
 M. COWARD



SCALE:  
 AS NOTED  
 FILENAME:  
 E335-E15-SWD904  
 CONTRACT No.:  
 RTA/CN 0045-14C  
 DATE:  
 02/2017

**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION  
 CONDENSER ENCLOSURE  
 PLANS, SECTIONS & DETAILS

DRAWING No.:	E15-SWD904
LOCATION ID:	E15
SHEET No.:	1574
REV:	0

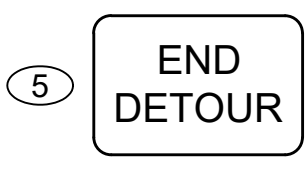
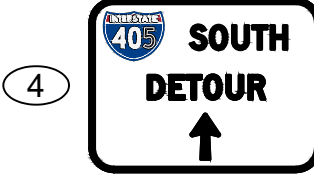
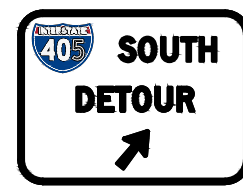
SUBMITTED BY:  
 KEVIN R. COLLINS

DATE:  
 02/2017

REVIEWED BY:  
 A. DEWITT JENSEN

DATE:  
 02/2017



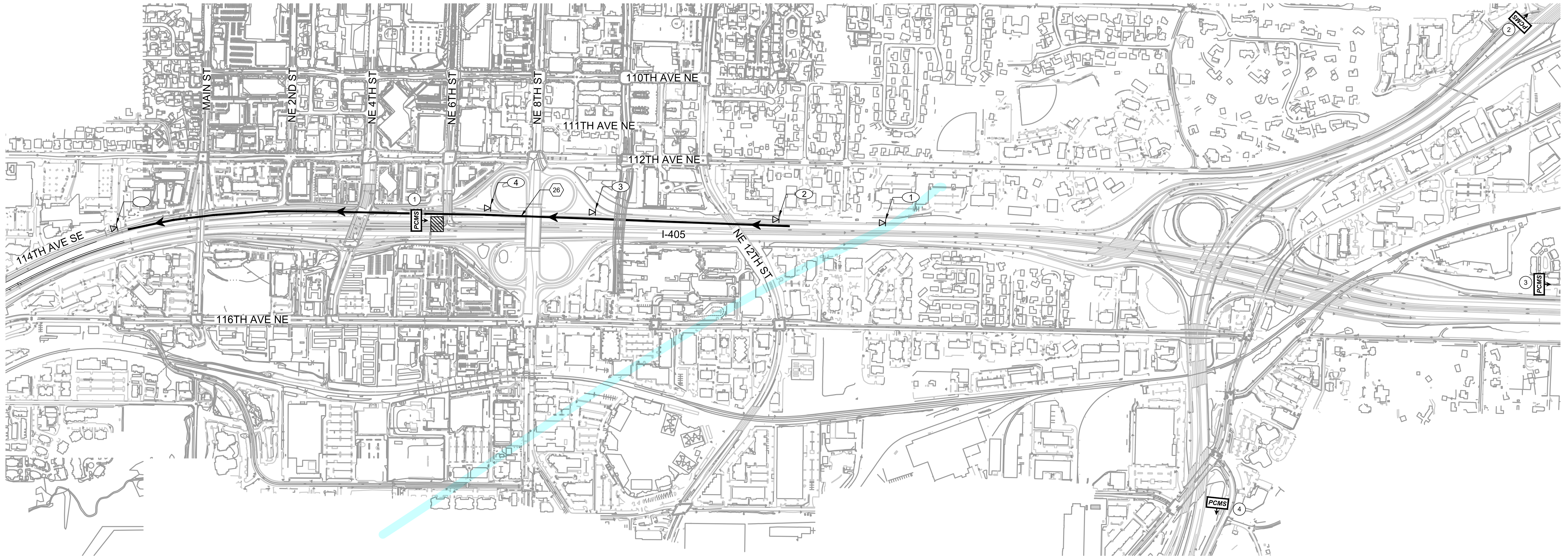


LOCATE AT SB I-405 MP 14.17

SP-7 LOCATE IN GORE BETWEEN NE 8TH ST W/ RAMP AND SB COLLECTOR DISTRIBUTOR ROAD

SP-7 LOCATE IN RIGHT SHOULDER

M4-8A 36"x24" BLACK/ ORANGE



CONSTRUCTION NOTES:

- ROUTE SOUTHBOUND I-405 CLOSURE TRAFFIC TO THE SOUTHBOUND COLLECTOR DISTRIBUTOR ROAD AT NE 8TH ST, EXIT 13B.

NOTES:

- 1. ARROWS INDICATE DETOUR ROUTES TO BE USED DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ROAD CLOSURES AND DETOURS.
3. MODIFICATIONS TO DETOUR ROUTES MUST BE REVIEWED AND APPROVED BY THE RESIDENT ENGINEER AND THE CITY OF BELLEVUE AND WSDOT.
4. THE CONTRACTOR SHALL COVER ALL TRAFFIC CONTROL AND DETOUR SIGNS WHEN THEY ARE NOT USED.
5. SEE DRAWINGS L86-TMP306 AND L86-TMP307 FOR TRAFFIC CONTROL PLANS.
6. SEE DRAWING L86-TMD407 FOR CONSTRUCTION SIGN DETAILS.

Table with 2 columns: 1, 2. Content: SB I-405 WILL BE CLOSED, (DATE) (TIME), 2.0 SEC, 2.0 SEC

LOCATE IN GORE BETWEEN SB I-405 AND NE 4TH ST OFF RAMP 7 DAYS IN ADVANCE OF CLOSURE

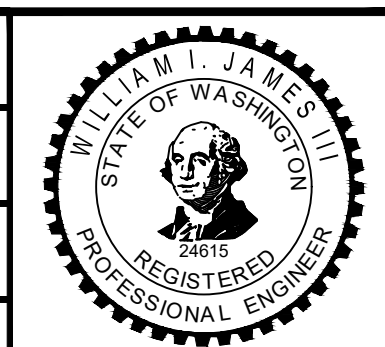
Table with 2 columns: 1, 2. Content: SB I-405 CLOSED AHEAD, USE NE 8TH EXIT DETOUR, 2 SEC, 2 SEC

FIELD LOCATE IN RIGHT SHOULDER 1 MILE +/- IN ADVANCE OF CLOSURE



Grid table for project information

DESIGNED BY: P. CHU
DRAWN BY: R. GREENLEE
CHECKED BY: B. JAMES
APPROVED BY: M. COWARD



HNTB logo and contact info: SUBMITTED BY: KEVIN R. COLLINS

H J H FINAL DESIGN PARTNERS logo and contact info: DATE: 02/2017, REVIEWED BY: A. DEWITT JENSEN

SOUNDTRANSIT logo and contact info: DATE: 02/2017

SCALE: 1" = 400', FILENAME: E335-L86-TDP230, CONTRACT No.: RTA/CN 0045-14C, DATE: 06/27/2016

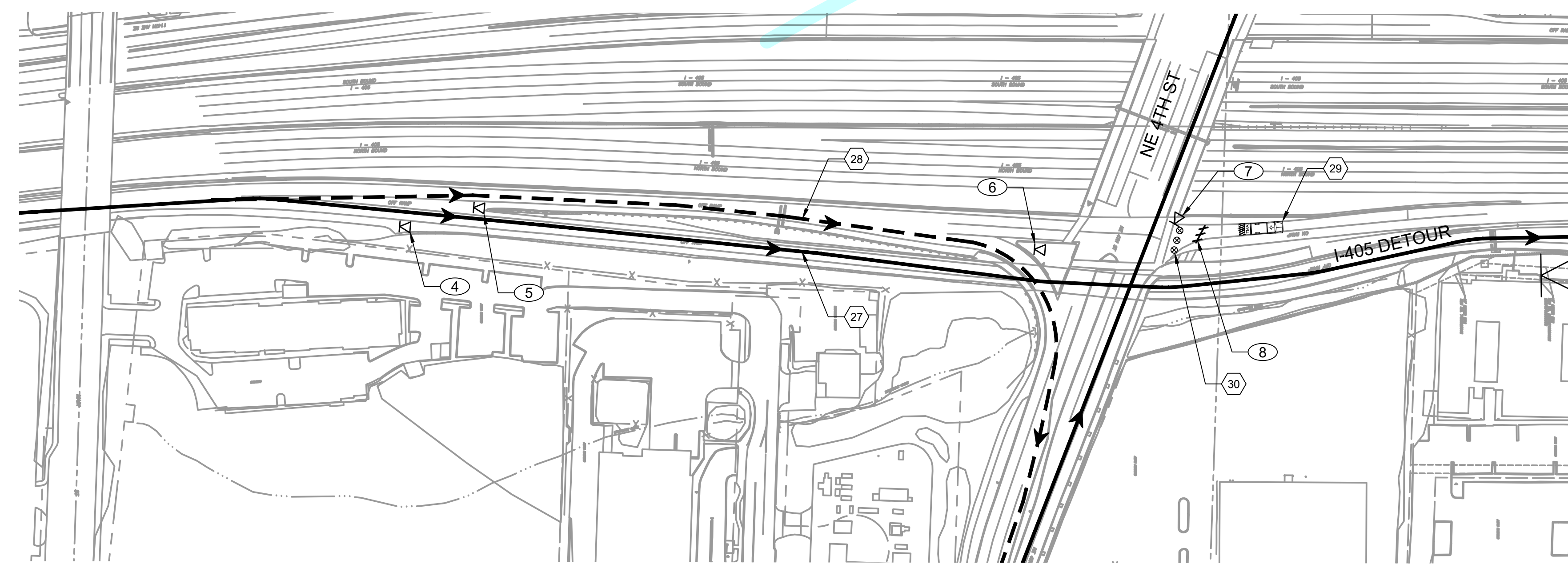
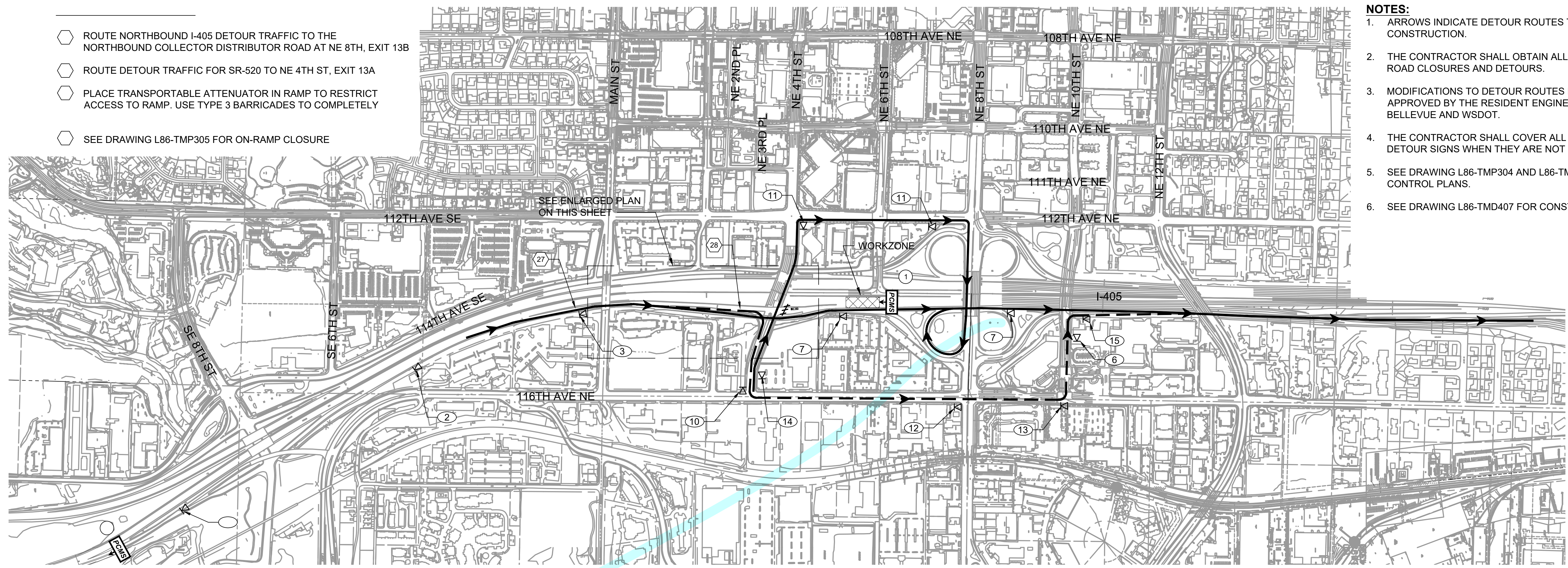
EAST LINK EXTENSION CONTRACT E335, DOWNTOWN BELLEVUE TO SPRING DISTRICT, TRAFFIC DETOUR PLAN SOUTHBOUND I-405 CLOSURE

DRAWING No.: L86-TDP230, LOCATION ID: E16/E18, SHEET No.: 556, REV: 0



- ROUTE NORTHBOUND I-405 DETOUR TRAFFIC TO THE NORTHBOUND COLLECTOR DISTRIBUTOR ROAD AT NE 8TH, EXIT 13B
- ROUTE DETOUR TRAFFIC FOR SR-520 TO NE 4TH ST, EXIT 13A
- PLACE TRANSPORTABLE ATTENUATOR IN RAMP TO RESTRICT ACCESS TO RAMP. USE TYPE 3 BARRICADES TO COMPLETELY
- SEE DRAWING L86-TMP305 FOR ON-RAMP CLOSURE

- NOTES:**
1. ARROWS INDICATE DETOUR ROUTES TO BE USED DURING CONSTRUCTION.
  2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ROAD CLOSURES AND DETOURS.
  3. MODIFICATIONS TO DETOUR ROUTES MUST BE REVIEWED AND APPROVED BY THE RESIDENT ENGINEER AND THE CITY OF BELLEVUE AND WSDOT.
  4. THE CONTRACTOR SHALL COVER ALL TRAFFIC CONTROL AND DETOUR SIGNS WHEN THEY ARE NOT USED.
  5. SEE DRAWING L86-TMP304 AND L86-TMP305 FOR TRAFFIC CONTROL PLANS.
  6. SEE DRAWING L86-TMD407 FOR CONSTRUCTION SIGN DETAILS.



**ENLARGED PLAN**  
SCALE: 1" = 100'

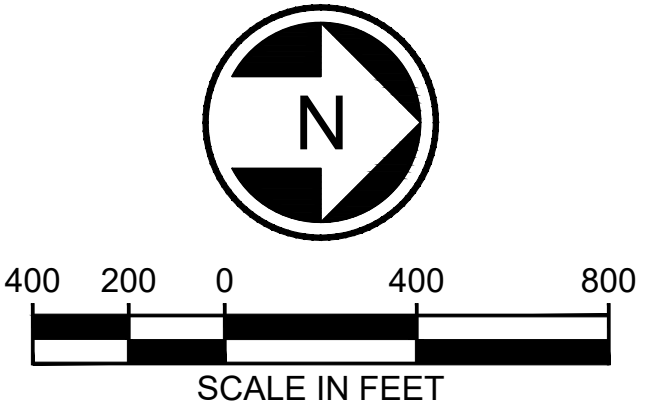
① NORTH DETOUR USE NE 8TH EXIT SP-11	⑥ DETOUR → SP-14	⑫ DETOUR ↑ SP-14
② DETOUR USE NE 4TH EXIT SP-12	⑦ NORTH DETOUR ↑ SP-6	⑬ DETOUR ← SP-14
③ DETOUR/DETOUR ← → SP-13	⑧ ROAD CLOSED R11-201 BLACK/WHITE SP-14	⑭ NORTH RAMP CLOSED SP-8
④ NORTH DETOUR ↗ SP-6	⑩ DETOUR ← SP-14	⑮ END DETOUR M4-8A 36"x24" BLACK/ ORANGE
⑤ DETOUR ↖ SP-14	⑪ NORTH DETOUR → SP-6	

PCMS ①	
1	2
NB I-405 WILL BE CLOSED	(DATE) (TIME)
2 SEC	2 SEC

LOCATE NB I-405 SHOULDER  
APPROXIMATELY AROUND NE  
6TH ST 7 DAYS IN ADVANCE OF  
CLOSURE

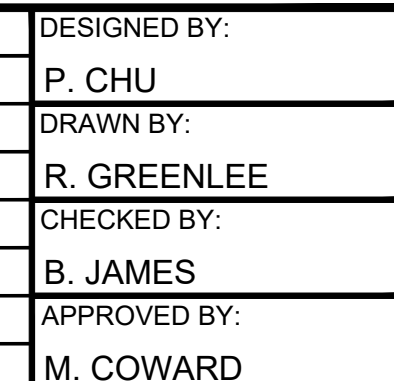
PCMS ②	
1	2
NB I-405 CLOSED AHEAD	USE NE 8TH EXIT DETOUR
2.0 SEC	2.0 SEC

FIELD LOCATE SHOULDER  
1 MILE ± IN ADVANCE OF  
CLOSURE



LOCATE IN GORE BETWEEN OFF-RAMP TO  
NE 4TH ST AND OFF-RAMP TO NE 8TH ST

DESIGNED BY: P. CHU	
DRAWN BY: R. GREENLEE	
CHECKED BY: B. JAMES	
APPROVED BY: M. COWARD	
ISSUED FOR CONSTRUCTION	



**HNTB**

SUBMITTED BY:  
KEVIN R. COLLINS

**H J H**

FINAL DESIGN PARTNERS.

DATE: 02/2017

REVIEWED BY:  
A. DEWITT JENSEN

**SOUNDTRANSIT**

SCALE:  
1" = 400'

FILENAME:  
E335-L86-TDP231

CONTRACT No.:  
RTA/CN 0045-14C

DATE: 02/2017

DATE: 06/27/2016

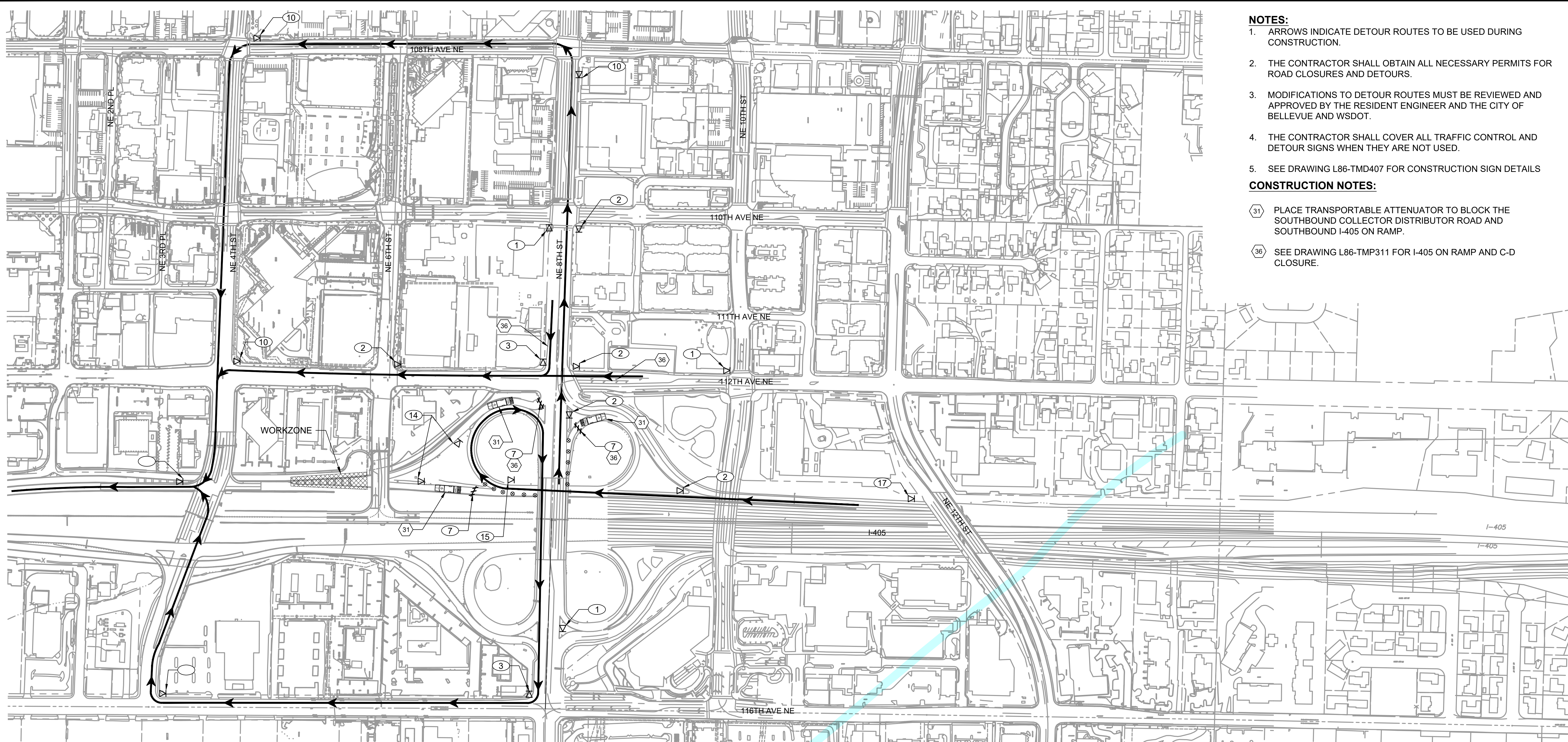
**EAST LINK EXTENSION  
CONTRACT E335**

DOWNTOWN BELLEVUE TO SPRING DISTRICT

TRAFFIC  
DETOUR PLAN  
NORTHBOUND I-405 CLOSURE

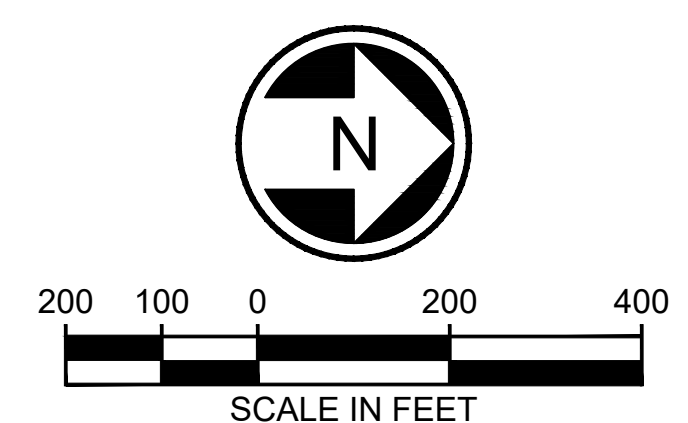
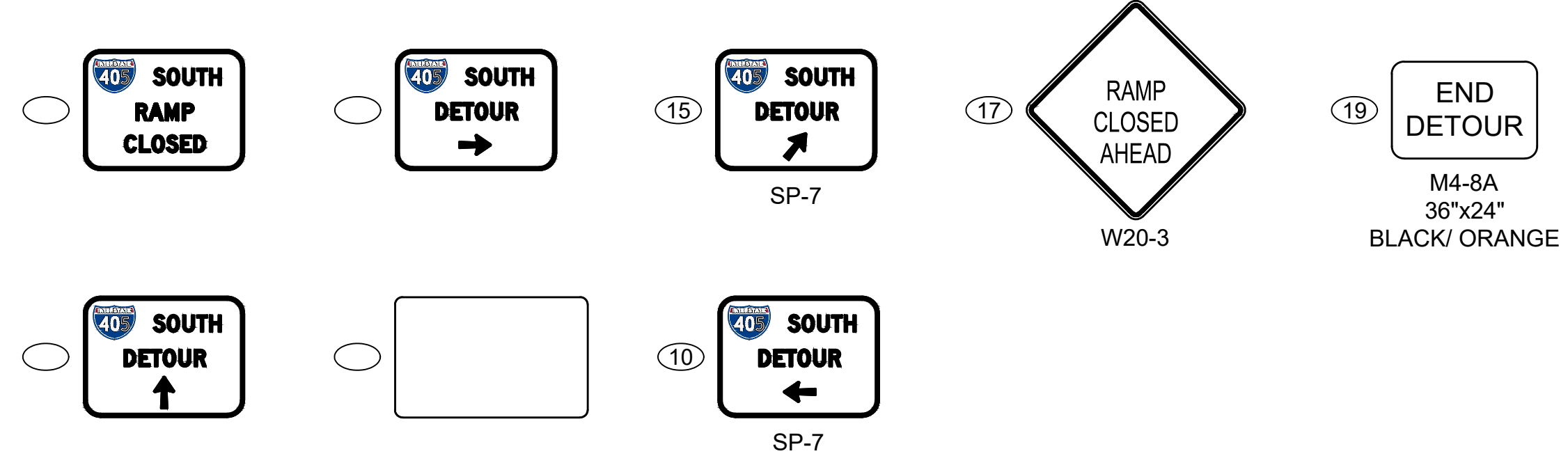
DRAWING No.:	L86-TDP231
LOCATION ID:	E16/E18
SHEET No.:	557
REV:	0





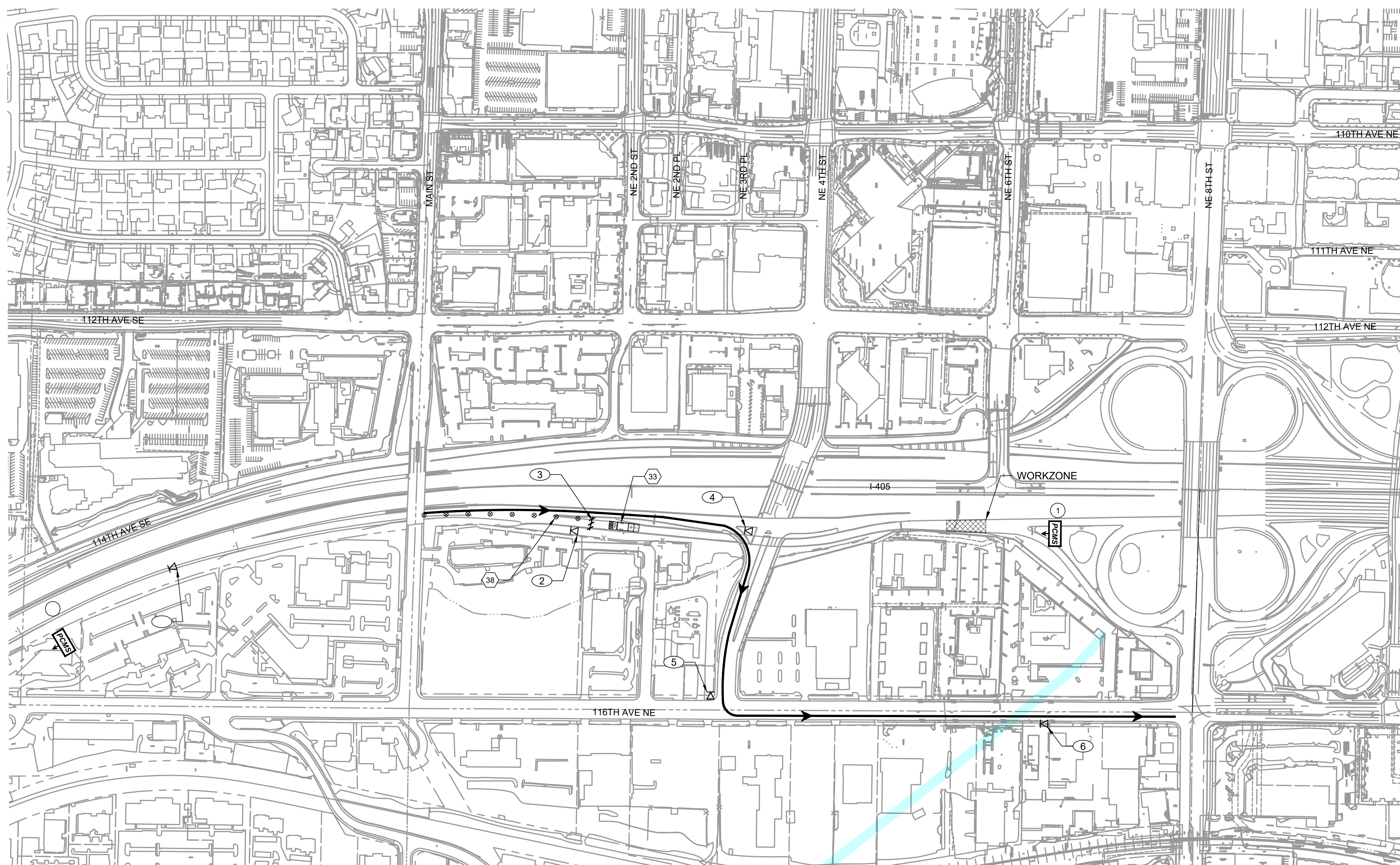
- NOTES:**
- ARROWS INDICATE DETOUR ROUTES TO BE USED DURING CONSTRUCTION.
  - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ROAD CLOSURES AND DETOURS.
  - MODIFICATIONS TO DETOUR ROUTES MUST BE REVIEWED AND APPROVED BY THE RESIDENT ENGINEER AND THE CITY OF BELLEVUE AND WSDOT.
  - THE CONTRACTOR SHALL COVER ALL TRAFFIC CONTROL AND DETOUR SIGNS WHEN THEY ARE NOT USED.
  - SEE DRAWING L86-TMD407 FOR CONSTRUCTION SIGN DETAILS

- CONSTRUCTION NOTES:**
- 31 PLACE TRANSPORTABLE ATTENUATOR TO BLOCK THE SOUTHBOUND COLLECTOR DISTRIBUTOR ROAD AND SOUTHBOUND I-405 ON RAMP.
  - 36 SEE DRAWING L86-TMP311 FOR I-405 ON RAMP AND C-D CLOSURE.



ISSUED FOR CONSTRUCTION	DESIGNED BY: P. CHU					SCALE: 1" = 200'	<b>EAST LINK EXTENSION CONTRACT E335</b> DOWNTOWN BELLEVUE TO SPRING DISTRICT  TRAFFIC DETOUR PLAN I-405 SOUTHBOUND C-D CLOSURE	DRAWING No.:		
	DRAWN BY: R. GREENLEE					FILENAME: E335-L86-TDP232		L86-TDP232		
	CHECKED BY: B. JAMES					CONTRACT No.:		LOCATION ID:		
	APPROVED BY: M. COWARD					DATE: 02/2017		REVIEWED BY: A. DEWITT JENSEN	DATE: 02/2017	CONTRACT No.:

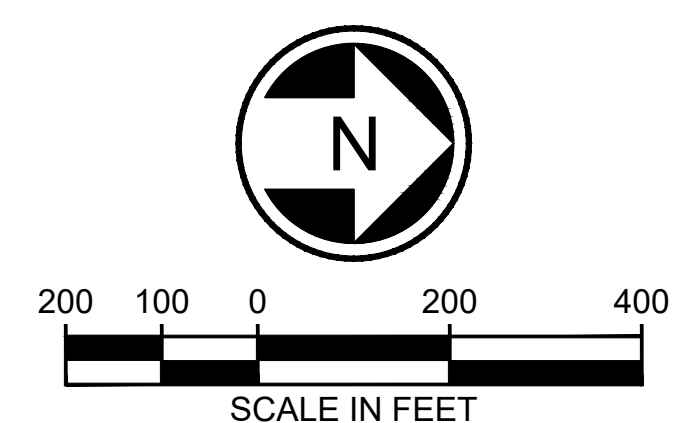




- NOTES:**
- ARROWS INDICATE DETOUR ROUTES TO BE USED DURING CONSTRUCTION.
  - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ROAD CLOSURES AND DETOURS.
  - MODIFICATIONS TO DETOUR ROUTES MUST BE REVIEWED AND APPROVED BY THE RESIDENT ENGINEER AND THE CITY OF BELLEVUE AND WSDOT.
  - THE CONTRACTOR SHALL COVER ALL TRAFFIC CONTROL AND DETOUR SIGNS WHEN THEY ARE NOT USED.
  - SEE DRAWING L86-TMD407 FOR CONSTRUCTION SIGN DETAILS.

- CONSTRUCTION NOTES:**
- 33 PLACE TRANSPORTABLE ATTENUATOR TO BLOCK THE NE 8TH ST RAMP.
  - 38 CLOSE NE 8TH ST OFF RAMP. SEE DRAWING L86-TMP310 FOR THE COLLECTOR DISTRIBUTOR CLOSURE.

--	--	--	--	--	--	--	--



DESIGNED BY: P. CHU	ISSUED FOR CONSTRUCTION
DRAWN BY: R. GREENLEE	
CHECKED BY: B. JAMES	
APPROVED BY: M. COWARD	

**HNTB**

SUBMITTED BY:  
KEVIN R. COLLINS

**H J H**

FINAL DESIGN PARTNERS.

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

**SOUNDTRANSIT**

SCALE:  
1" = 200'

FILENAME:  
E335-L86-TDP233

CONTRACT No.:  
RTA/CN 0045-14C

DATE:  
06/27/2016

**EAST LINK EXTENSION  
CONTRACT E335**

DOWNTOWN BELLEVUE TO SPRING DISTRICT

TRAFFIC  
DETOUR PLAN

I-405 NORTHBOUND C-D CLOSURE

DRAWING No.:	L86-TDP233
LOCATION ID:	L86
SHEET No.:	559
REV:	0





**As Built Cover Sheet**

**Instructions:** Enter all available data. Attach cover sheet to accompanying documentation and submit to:  
 Department of Transportation  
 Engineering Records  
 719 Sleater-Kinney Road SE, Suite 100, Lacey, WA 98503-1147  
 PO Box 47409, Olympia, WA 98504-7409  
 E-Mail: recimages@wsdot.wa.gov

**General Data**

Contract No. 6549		County King	
Contract Title I-405 Bellevue Direct Access NE 4th St./NE 6th St.		Federal Aid Number ACIM-STPUL-4053(843)	
Region Northwest/UCO		Date of Survey	
L No. XL 1271	Structure ID 405/42B, CL/CDL, BL/CDL	Job No. O2A012	
Township 25N	Range 5 E	Section 32, 29	
Horizontal Scale 1 Inch =	Vertical Scale 1 Inch =	Sundry Site No.	
Date Work Began (MM/DD/YYYY) 06/16/2003	Date Work Completed (MM/DD/YYYY) 03/09/2008	Contractor Name Guy F. Atkinson Construction LLC	
Project Engineer Doug Haight		Region Transportation Engineer Dave Becher	

**WSF Data**

Terminal Name n/a	Vessel Name n/a
----------------------	--------------------

**Highway Data**

Beginning Milepost MP 13.31	<input type="checkbox"/> A <input type="checkbox"/> B	Ending Milepost MP 14.34	<input type="checkbox"/> A <input type="checkbox"/> B
Construction Length 1 Mile(s)	SR No.	Highway Also Known As	

**Bridge Data**

Bridge No.
------------

**Facilities Data**

FCR No.
---------

**General Notes / Comments**

Date Scanned (MM/DD/YYYY):	No. of Sheets Scanned:

DOT Form 722-625 EF  
Revision 9/2003

**AS BUILT**

**I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.**

Washington State Department of Transportation  
 Olympia, Washington 98504

Scale: Horiz. 1 inch = \_\_\_\_\_ feet  
 to MP  
 Constructed Length \_\_\_\_\_ mile(s)  
 F.A. No. \_\_\_\_\_ Contractor \_\_\_\_\_  
 Work Begun \_\_\_\_\_ 19\_\_\_\_  
 Project Engineer \_\_\_\_\_ Work Completed \_\_\_\_\_ 19\_\_\_\_  
 Approved \_\_\_\_\_ District Transportation Administrator \_\_\_\_\_  
 19\_\_\_\_

Secretary of Transportation



# Contract Plans

For Construction of:

I 405

MP 13.31 TO MP 14.34

## BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.

KING COUNTY

**VOLUME 1 OF 7**

SOUND TRANSIT



**Washington State  
Department of Transportation**





# VOLUME 1 INDEX

# VOLUME 3 INDEX

C:\pwwtemp\dms00318\IN001\_C2.dgn  
PLOT1  
10:47:11 AM  
04/23/2003  
cwilcox

SHEET NO.	PLAN REFERENCE NO.	TITLE
1 - 2	IN1 - IN2	INDEX
3, 3A	V1 - V2	VICINITY MAP
4 - 24, 24A - 24F	SQ1 - SQ21, SQ21A-SQ21F	SUMMARY OF QUANTITIES
25	NS1	NOISE SHIELD
26 - 46	RS1 - RS21	ROADWAY SECTIONS
47	CS1	CONSTRUCTION STAGING NARRATIVE
48 - 62	AR1 - AR15	ALIGNMENT/RIGHT OF WAY PLAN
63 - 66	ARD1 - ARD4	ALIGNMENT/RIGHT OF WAY DETAILS
67 - 78	QSP1 - QSP12	QUANTITY TABULATION - SITE PREPARATION
79 - 93, 93A - 93F	SP1 - SP21	SITE PREPARATION PLAN
94 - 106	EU1 - EU13	EXISTING UTILITY PLAN
107 - 128	RP1 - RP22	PROFILE

# VOLUME 2 INDEX

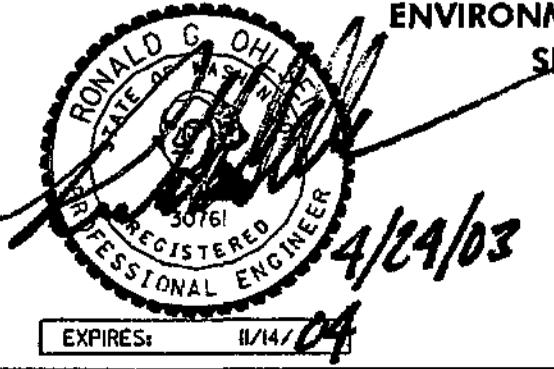
129 - 130	IN1 - IN2	INDEX
131 - 142, 142A	ESCSN1 - ESCSN13	STRUCTURE NOTES - ESC
143 - 157, 157A - 157F	EC1-EC15, EC15A-EC15F	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
158, 158A	EC16 - EC17	TEMPORARY EROSION AND SEDIMENT CONTROL NOTES
159 - 163, 163A	ECD1 - ECD6	TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS
164 - 215	SN1 - SN52	STRUCTURE NOTES - DRAINAGE
216 - 230	DR1 - DR15	DRAINAGE PLAN
231 - 256	DP1 - DP26	DRAINAGE PROFILES
257 - 261	DD1 - DD5	DRAINAGE DETAILS
262 - 266	DPF1 - DPF5	POND DETAILS AND SECTIONS
267 - 272	USN1 - USN6	UTILITY STRUCTURE NOTES
273 - 280	U1 - U8	UTILITY RELOCATION PLAN
281 - 286	UP1 - UP6	UTILITY PROFILE
287 - 289	US1 - US3	UTILITY SECTIONS
290 - 297	UD1 - UD8	UTILITY DETAILS
298, 298A - 298C	QT1 - QT4	QUANTITY TABULATION LANDSCAPE
299 - 300, 300A - 300H	LA1 - LA2A, LA3 - LA10	LANDSCAPE PLAN
301 - 302, 302A - 302C	LD1 - LD5	PLANT SCHEDULE

SHEET NO.	PLAN REFERENCE NO.	TITLE
303 - 304	IN1 - IN2	INDEX
305 - 306	IC1 - IC2	INTERCHANGE CONTOUR PLAN
307 - 318	QP1 - QP12	QUANTITY TABULATION - PAVING
319 - 333	PV1 - PV15	PAVING PLAN
334 - 342	PVD1 - PVD9	PAVING DETAILS
343 - 350	BD1 - BD3, BD3A, BD4 - BD7	BARRIER DETAILS
351 - 353	RA1 - RA3	ROADWAY APPROACH PLAN
354 - 355	PK1 - PK2	PARKING LAYOUT PLAN
356 - 369	QPM1 - QPM14	QUANTITY TABULATION - PAVEMENT MARKING
370 - 384	PM1 - PM15	PAVEMENT MARKING PLAN
385	PMD1	PAVEMENT MARKING DETAILS
386 - 389	RW1 - RW4	RETAINING WALL KEY PLAN
390 - 391	RW5 - RW6	RETAINING WALL P SOUTH
392	RW7	RETAINING WALL P NORTH
393 - 402	RW8 - RW17	RETAINING WALL BAN EAST 1
403 - 405	RW18 - RW20	RETAINING WALL BAN EAST 2
406 - 410	RW21 - RW25	RETAINING WALL CDL WEST 1
411 - 415	RW26 - RW30	RETAINING WALL DL
416 - 417	RW31 - RW32	RETAINING WALL CDL EAST 1
418 - 422	RW33 - RW36, RW36A	RETAINING WALL CDL EAST 3
423 - 424	RW37 - RW38	RETAINING WALL GL
425 - 426	RW39 - RW40	RETAINING WALL BAS WEST
427	RW41	RETAINING WALL BAS EAST 1
428	RW42	RETAINING WALL BAS EAST 2
429 - 430	RW43 - RW44	RETAINING WALL BAN WEST
431 - 432	RW45 - RW45A	RETAINING WALL BAS EAST & BAN WEST
433 - 440	RW46 - RW53	RETAINING WALL CDR WEST
441	RW54	RETAINING WALL CDR EAST
442 - 443	RW55 - RW56	RETAINING WALL BAN EAST 3
444 - 445	RW57 - RW58	RETAINING WALL P SOUTH 2
446 - 447	RW59 - RW60	RETAINING WALL S WEST
448 - 449	RW61 - RW62	RETAINING WALL T
450	RW63	RETAINING WALL ARCHITECTURAL FINISH
450A	RW63A	RETAINING WALL PRE-CAST PANELS
451	RW64	RETAINING WALL S WEST 2
452	RW65	RETAINING WALLS CONDUITS & J-BOX DETAILS
452A	RW66	RETAINING WALL S WEST 3
453 - 454	RWQ1 - RWQ2	ESTIMATED RETAINING WALL QUANTITIES
455 - 494	CD1 - CD40	RETAINING WALL CDL WEST 2 AND CDL EAST 2

PLAN REFERENCE NO.
SHEET
OF
SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

**FOR "AS CONSTRUCTED PLANS" ONLY**

DESIGNED BY JRS	12/02	REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	 <p>ENVIRONMENTAL AND ENGINEERING SERVICE CENTER</p> <p>Washington State Department of Transportation</p> <p>HDR ENGINEERING INC.</p>	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. IN1
ENTERED BY MJB	12/02	JOB NUMBER 02A012	STP-UL-4053(843)	INDEX			SHEET 1 OF 1152 SHEETS
CHECKED BY GBW	12/02	DATE 4/23/03	ADDED SHEETS RGG				
PROJ. ENGR. D. CIERI	12/02	DATE 3/28/03	ADDED SHEETS RGD				
REGIONAL ADM. D. DYE	12/02	DATE	REVISION				



# VOLUME 4 INDEX

# VOLUME 7 INDEX

C:\PWTEMP\dms00318\IN002\_C2.dgn  
PLOT1  
03/26/2003 10:45:02 AM  
mbenson

SHEET NO.	PLAN REFERENCE NO.	TITLE
495 - 496	IN1 - IN2	INDEX
497 - 498	ILTS1 - ILTS2	ILLUMINATION SCHEDULE - TEMPORARY
499 - 511	ILT1 - ILT13	ILLUMINATION PLAN - TEMPORARY
512 - 515	ILS1 - ILS4	ILLUMINATION SCHEDULE
516 - 529	IL1 - IL14	ILLUMINATION PLAN
530 - 541	ILD1 - ILD12	ILLUMINATION DETAILS
542 - 569	TS1 - TS9, TS9A - TS27	TRAFFIC SIGNAL PLAN AND DETAILS
570 - 571	INTC1 - INTC2	INTERCONNECT/TSP PLAN
572 - 579	TSP1 - TSP8	TSP PLAN
580 - 581	ITN1 - ITN2	ITS CONSTRUCTION NOTES
582 - 584	ITN3 - ITN5	ITS WIRE NOTES
585 - 591	ITT1 - ITT7	ITS PLAN - TEMPORARY
592 - 601	ITI - IT10	ITS PLAN
602 - 630	ITD1 - ITD29	ITS DETAILS
631 - 637	SS1 - SS4, SS4A - SS6	SIGN SPECIFICATIONS
638 - 661	SG1 - SG9, SG9A - SG23	SIGNING PLAN
662 - 669	SGD1 - SGD4, SGD4A SGD5, SGD5A - SGD6	SIGN DETAILS
670 - 690	SGS1 - SGS13, SGS13A - SGS13C, SGS14 - SGS18	SIGN STRUCTURE DETAILS

SHEET NO.	PLAN REFERENCE NO.	TITLE
986 - 987	IN1 - IN2	INDEX
988 - 989	TCT1 - TCT2	TRAFFIC CONTROL PLAN TEMPORARY
990 - 992	QTC1 - QTC3	QUANTITY TABULATION - TRAFFIC CONTROL PLAN
993-1083, 1083A-1083C 1084-1089, 1089A-1089E	TC1 - TC94 TCD1 - TCD11	TRAFFIC CONTROL PLAN TRAFFIC CONTROL DETAILS
1090 - 1091	CSD1 - CSD2	CONSTRUCTION SIGNING DETAILS
1092 - 1096	TCS1 - TCS5	TRAFFIC CONTROL SECTIONS
1097 - 1146, 1146A	DT1 - DT51	DETOUR PLAN
1147 - 1152	DTS1 - DTS6	DETOUR SIGN DETAILS

# VOLUME 5 INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
691 - 692	IN1 - IN2	INDEX
693 - 767	4S1 - 4S75	NE 4th ST. BRIDGE
768 - 834	6S1 - 6S67	NE 6th ST. BRIDGE

# VOLUME 6 INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
835 - 836	IN1 - IN2	INDEX
837 - 901	BL1 - BL65	BL/CDL BRIDGE
902 - 985	CL1 - CL84	CL/CDL BRIDGE

PLAN REFERENCE NO. SHEET OF SHEETS	NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.	FOR "AS CONSTRUCTED PLANS" ONLY
------------------------------------	---	---------------------------------

DESIGNED BY JRS	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.	
ENTERED BY MJB	12/02	JOB NUMBER	02A012	STP-UL-4053(843)			
CHECKED BY GBW	12/02	CONTRACT NO.					
PROJ. ENGR. D. CIERI	12/02	DATE	3/28	ADDED SHEETS	RCG	BY	
REGIONAL ADM. D. DYE	12/02	DATE		REVISION			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

3/26/03

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

INDEX

SHEET NO. IN2  
SHEET 2 OF 2 SHEETS



T.25N. R.5E. W.M.

BEGIN CONSTRUCTION

BEGIN CONSTRUCTION

NE 4th 10+000

P 10+010.000

BEGIN CONSTRUCTION

T 2+928.404

NE 4th 10+384.583 =

N 0+100.000

BEGIN CONSTRUCTION

I 405 13.30

LL 6+854.78

END CONSTRUCTION

T 3+405.000

END CONSTRUCTION

I 405 MP 14.48

LL 8+728.063

END CONSTRUCTION

N 0+502.000

END F.A. STP-UL-4053(843)  
END PROJECT

I 405 MP 14.34

BAN 101+579.000 = POT=  
LL 8+500.212 A.P. (9.899 LT.)

BEGIN F.A. STP-UL-4053(843)  
BEGIN PROJECT

I 405 MP 13.31

BAS 100+000.000 PCC =

LL 6+876.616 P.O.C. (7.789 LT.)

BELLEVUE

FOR "AS CONSTRUCTED  
PLANS" ONLY

0 50 100  
SCALE IN METERS

C:\PWTEMP\dms00318\001\_C2.dgn

PLOT1

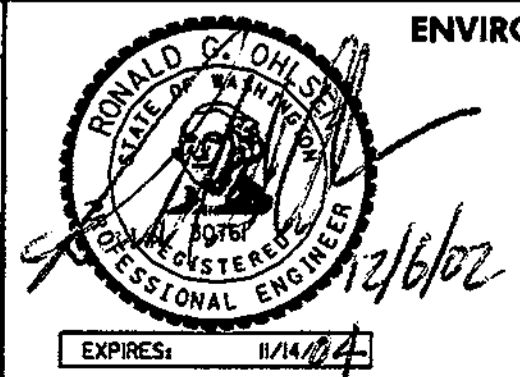
11/26/2002 10:18:49 AM

mbenson

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		



ENVIRONMENTAL AND ENGINEERING  
SERVICE CENTER



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

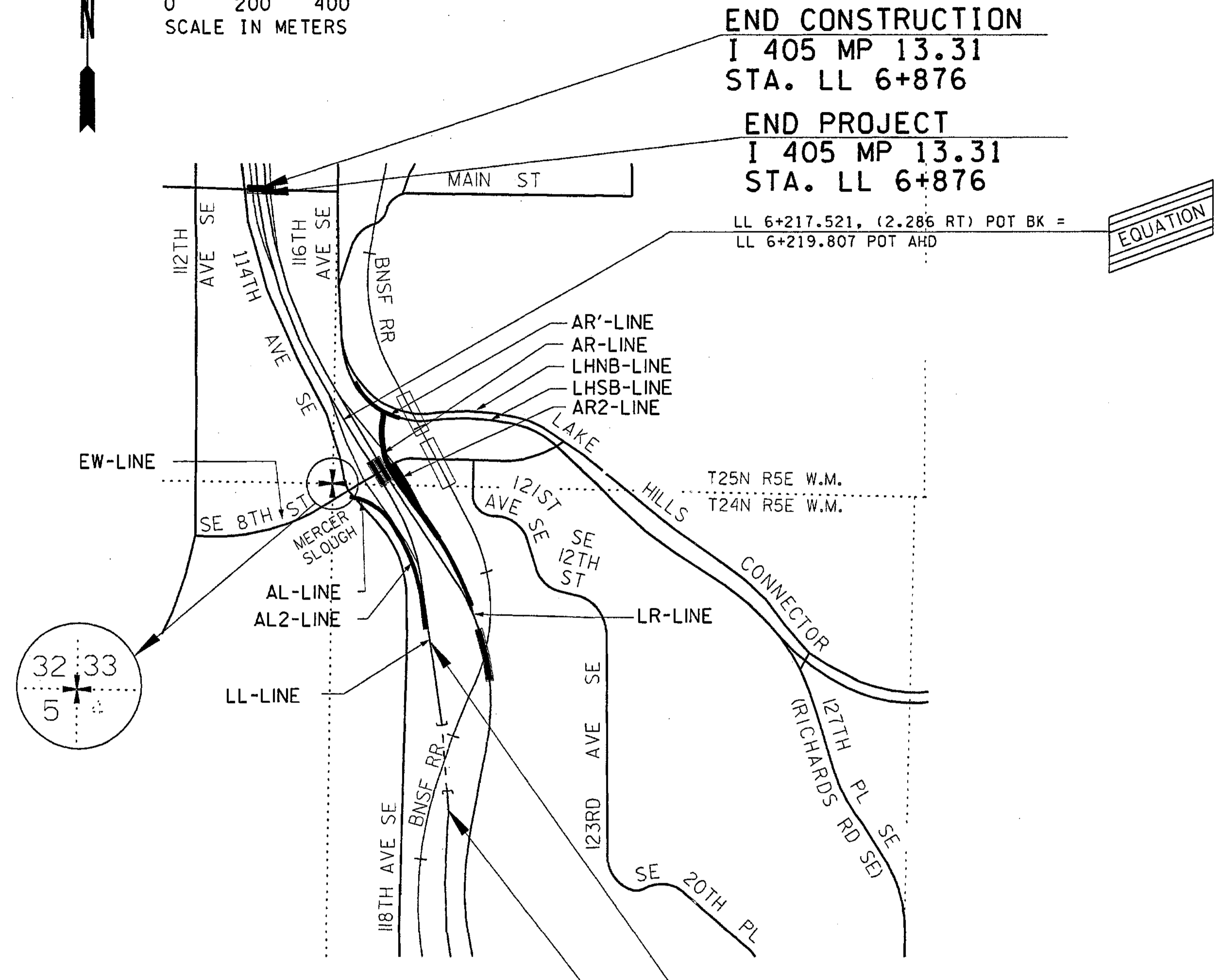
VICINITY MAP

SHEET NO  
V1  
3  
1152  
SHEETS





0 200 400  
SCALE IN METERS



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

DESIGNED BY B. ELROD		3/28/03	REGION NO. 10		STATE WASH	FED.AID PROJ.NO.		I 405 BELLEVUE DIRECT ACCESS NE 4TH ST./ NE 6TH ST.	V2 SHEET 3A OF 1152 SHEETS
ENTERED BY A. STYERS		3/28/03	JOB NUMBER 02A012		CONTRACT NO.	VICINITY MAP			
CHECKED BY B. MacLAREN		3/28/03	DATE	DATE	REVISION		BY		
PROJ. ENGR. D. CIERI		3/28/03							
REGIONAL ADM. L. ENG		3/28/03							



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/13/2003

ITEM NO.	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086	CR LINE 10+000 TO 10+167	BR LINE 15+000 TO 15+357
<b>PREPARATION</b>																					
1	LUMP SUM	LUMP SUM	LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	
2	2.25	0.14	2.11	0280	ha	CLEARING AND GRUBBING		0.20				0.38	0.08	0.12	0.26	0.20		0.29		0.08	
3	103.00	13.00	90.00	0049	EACH	REMOVING DRAINAGE STRUCTURE	14.00	11.00	2.00	5.00	2.00	10.00	5.00	4.00	3.00	5.00	1.00	4.00	7.00	2.00	3.00
4	4455.00	607.00	3848.00		m	REMOVING EXISTING DRAINAGE PIPE	521.00	939.00	15.00	505.00	95.00	309.00	126.00	189.00	133.00	133.00	15.00	139.00	216.00	78.00	153.00
5	74.00	24.00	50.00		m	REMOVING EXISTING DRAINAGE VAULT PIPE															
6	LUMP SUM		LUMP SUM	0050	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTION						L.S.							L.S.		
7	LUMP SUM		LUMP SUM	0060	L.S.	REMOVING PORTION OF EXISTING STRUCTURE													L.S.		
8	LUMP SUM		LUMP SUM	0061	L.S.	REMOVING PORTION OF EXISTING BRIDGE NO. 405/42.5B															
9	LUMP SUM		LUMP SUM	0071	L.S.	REMOVING EXISTING BRIDGE NO. 405/42.5															
10	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL A		L.S.													
11	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL B	L.S.														
12	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL C													L.S.		
13	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL D					L.S.										
14	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL E															
15	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL F															
16	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL G															
17	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL H															
18	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL I															
19	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL J															
20	14.00	14.00			m	REMOVING HANDRAIL															
21	2775.00		2775.00	0535	m2	REMOVING CEMENT CONC. PAVEMENT				2,775.00											
22	1489.00	565.00	924.00	0540	m2	REMOVING CEMENT CONC. SIDEWALK							421.00								
23	447.00	128.00	319.00	0545	m	REMOVING CEMENT CONC. CURB AND GUTTER							219.00								
24	141.00	71.00	70.00	0550	m	REMOVING CEMENT CONC. CURB															
25	5419.00	80.00	5339.00	0565	m2	REMOVING ASPHALT CONC. PAVEMENT			2,719.00				310.00				434.00	802.00			386.00
26	1417.00		1417.00		m	REMOVING PRECAST CONC. BARRIER		460.00		44.00			180.00			32.00		227.00	177.00	297.00	
27	2253.00		2253.00		m	REMOVING CAST-IN-PLACE CONC. BARRIER	854.00	36.00	513.00	45.00	110.00	603.00	37.00			34.00	7.00				
28	100.00	100.00		0590	m	REMOVING TRAFFIC CURB															
29	477.00		477.00	0595	m	REMOVING GUARDRAIL		145.00										41.00			50.00
30	6.00		6.00	0182	EACH	REMOVING GUARDRAIL ANCHOR		2.00													1.00
31	41408.00	723.00	40683.00	0887	m	REMOVING PAINT LINE	2,327.00	3,877.00			1,086.00	380.00	253.00	154.00	225.00			4,333.00	473.00	1,668.00	566.00
32	2554.00		2554.00	0888	m	REMOVING PLASTIC LINE	804.00	1,386.00													
33	63.00		63.00	0199	EACH	REMOVING PAINTED TRAFFIC MARKING														4.00	1.00
34	24.00	16.00	8.00	0200	EACH	REMOVING PLASTIC TRAFFIC MARKING															
35	58.00	58.00		0910	m2	REMOVING PLASTIC CROSSWALK LINE															
36	115.60	20.40	95.20	0208	HUND	REMOVING RAISED PAVEMENT MARKER	11.30	17.40			0.30							1.10			
37	LUMP SUM		LUMP SUM	0215	L.S.	REMOVING MISCELLANEOUS TRAFFIC ITEM	L.S.														
38	957.00	153.00	804.00	0930	m	REMOVING CHAIN LINK FENCE					603.00							201.00			
39	LUMP SUM	LUMP SUM			L.S.	REMOVING MISCELLANEOUS APPURTENANCE															
<b>GRADING</b>																					
40	139338.00	3863.00	135475.00	2945	m3	ROADWAY EXCAVATION INCL. HAUL	32,180.00	26,010.00	90.00	100.00	27,570.00	15,500.00	3,810.00	1,680.00	5,140.00	7,660.00	1,770.00	4,200.00	1,082.00	150.00	760.00
41	10490.00	440.00	10050.00	2979	t	GRAVEL BORROW INCL. HAUL			6,080.00	730.00					220.00	700.00	750.00	70.00	190.00	50.00	
42	67.00		67.00		m3	SPECIAL BORROW INCL. HAUL															
43	4328.00	180.00	4148.00	2990	m3	EMBANKMENT COMPACTION			2,500.00	300.00					90.00	290.00	310.00	30.00	80.00	20.00	
44	3083.00		3083.00		m3	POND EXCAVATION INCL. HAUL															

GROUP LEGEND:	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

FOR "AS CONSTRUCTED"  
PLANS ONLY

04/02/03 REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/10/03 REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03 REV. QTY'S FOR ITEMS 4, 27, 77, 164, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
DATE	REVISION	BY					

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

**SQ1**  
SHEET  
4  
OF  
1152  
SHEETS

SUMMARY OF QUANTITIES



# SUMMARY OF QUANTITIES

DOT\_RGG900

12/18/2002

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CU/CDL BRIDGE	BU/CDL BRIDGE	N LINE NE 4TH ST. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068
<b>PREPARATION</b>																				
1	LUMP SUM	LUMP SUM	LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.
2				0280	ha	CLEARING AND GRUBBING	0.23	0.05	0.15											
3				0049	EACH	REMOVING DRAINAGE STRUCTURE	1.00	1.00	1.00										8.00	
4					m	REMOVING EXISTING DRAINAGE PIPE	23.00	23.00	16.00											
5					m	REMOVING EXISTING DRAINAGE VAULT PIPE													161.00	
6	LUMP SUM		LUMP SUM	0050	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTION													50.00	
7	LUMP SUM		LUMP SUM	0060	L.S.	REMOVING PORTION OF EXISTING STRUCTURE														
8	LUMP SUM		LUMP SUM	0061	L.S.	REMOVING PORTION OF EXISTING BRIDGE NO. 405/42.5B														
9	LUMP SUM		LUMP SUM	0071	L.S.	REMOVING EXISTING BRIDGE NO. 405/42.5														
10	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL A														
11	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL B														
12	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTION RETAINING WALL C														
13	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL D														
14	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL E														
15	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL F														
16	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL G														
17	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL H														
18	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL I														
19	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL J														
20					m	REMOVING HANDRAIL														
21				0535	m2	REMOVING CEMENT CONC. PAVEMENT														
22				0540	m2	REMOVING CEMENT CONC. SIDEWALK				17.00	11.00	109.00							366.00	
23				0545	m	REMOVING CEMENT CONC. CURB AND GUTTER													100.00	
24				0550	m	REMOVING CEMENT CONC. CURB													50.00	20.00
25				0565	m2	REMOVING ASPHALT CONC. PAVEMENT													638.00	50.00
26					m	REMOVING PRECAST CONC. BARRIER														
27					m	REMOVING CAST-IN-PLACE CONC. BARRIER														
28				0590	m	REMOVING TRAFFIC CURB														
29				0595	m	REMOVING GUARDRAIL	58.00	95.00	88.00											
30				0182	EACH	REMOVING GUARDRAIL ANCHOR	1.00	2.00												
31				0887	m	REMOVING PAINT LINE	206.00	347.00	242.00											
32				0888	m	REMOVING PLASTIC LINE														24,213.00
33				0199	EACH	REMOVING PAINTED TRAFFIC MARKING														52.00
34				0200	EACH	REMOVING PLASTIC TRAFFIC MARKING														8.00
35				0910	m2	REMOVING PLASTIC CROSSWALK LINE														
36				0208	HUND	REMOVING RAISED PAVEMENT MARKER														65.10
37	LUMP SUM		LUMP SUM	0215	L.S.	REMOVING MISCELLANEOUS TRAFFIC ITEM														
38				0930	m	REMOVING CHAIN LINK FENCE														
39	LUMP SUM	LUMP SUM			L.S.	REMOVING MISCELLANEOUS APPURTENANCE														
<b>GRADING</b>																				
40				2945	m3	ROADWAY EXCAVATION INCL. HAUL	1,260.00	1,545.00	1,063.00										240.00	570.00
41				2979	t	GRAVEL BORROW INCL. HAUL	410.00		170.00											590.00
42					m3	SPECIAL BORROW INCL. HAUL	67.00													
43				2990	m3	EMBANKMENT COMPACTION	170.00		70.00										243.00	
44					m3	POND EXCAVATION INCL. HAUL	500.00	1,996.00	587.00											

GROUP LEGEND:	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT, FEDERAL (STPUL), FEDERAL (ACIM)

- PRELIMINARY QUANTITIES ONLY -  
 SEE FINAL RECORD BOOK 1  
 FOR ACTUAL QUANTITIES

FOR "AS CONSTRUCTED  
 PLANS" ONLY

	REGION	STATE	FEDERAL AID PROJECT. NO.			
	10	WA	ACIM-4053(843) STPUL-4053(843)		Washington State Department of Transportation	
			JOB NUMBER 02A012/1			
			CONTRACT NO 000000			
DATE		REVISION	BY			

1405  
 BELLEVUE DIRECT ACCESS  
 NE 4TH ST. / NE 6TH ST.  
  
 SUMMARY OF QUANTITIES

SQ2  
 SHEET  
 5  
 OF  
 1152  
 SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/13/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6				
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R/W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R/W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES				
<b>PREPARATION</b>																					
1	LUMP SUM	LUMP SUM	LUMP SUM	0001	L.S.	MOBILIZATION	L.S.		L.S.	L.S.	L.S.	L.S.									
2				0280	ha	CLEARING AND GRUBBING					0.04	0.10									
3				0049	EACH	REMOVING DRAINAGE STRUCTURE			2.00	3.00	5.00	3.00									
4					m	REMOVING EXISTING DRAINAGE PIPE			52.00	111.00	444.00										
5					m	REMOVING EXISTING DRAINAGE VAULT PIPE					24.00										
6	LUMP SUM		LUMP SUM	0050	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTION									L.S.						
7	LUMP SUM		LUMP SUM	0060	L.S.	REMOVING PORTION OF EXISTING STRUCTURE															
8	LUMP SUM		LUMP SUM	0061	L.S.	REMOVING PORTION OF EXISTING BRIDGE NO. 405/42.5B															
9	LUMP SUM		LUMP SUM	0071	L.S.	REMOVING EXISTING BRIDGE NO. 405/42.5															
10	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL A															
11	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL B															
12	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL C															
13	LUMP SUM		LUMP SUM		L.S.	REMOVING EXISTING RETAINING WALL D															
14	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL E				L.S.											
15	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL F					L.S.										
16	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL G					L.S.										
17	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL H					L.S.										
18	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL I						L.S.									
19	LUMP SUM	LUMP SUM			L.S.	REMOVING EXISTING RETAINING WALL J			L.S.												
20					m	REMOVING HANDRAIL						14.00									
21				0535	m2	REMOVING CEMENT CONC. PAVEMENT															
22				0540	m2	REMOVING CEMENT CONC. SIDEWALK			323.00			242.00									
23				0545	m	REMOVING CEMENT CONC. CURB AND GUTTER			54.00			74.00									
24				0550	m	REMOVING CEMENT CONC. CURB					71.00										
25				0565	m2	REMOVING ASPHALT CONC. PAVEMENT			30.00			50.00									
26					m	REMOVING PRECAST CONC. BARRIER															
27					m	REMOVING CAST-IN-PLACE CONC. BARRIER															
28				0590	m	REMOVING TRAFFIC CURB			30.00			70.00									
29				0595	m	REMOVING GUARDRAIL															
30				0182	EACH	REMOVING GUARDRAIL ANCHOR															
31				0887	m	REMOVING PAINT LINE	223.00		360.00	288.00	75.00										
32				0888	m	REMOVING PLASTIC LINE															
33				0199	EACH	REMOVING PAINTED TRAFFIC MARKING															
34				0200	EACH	REMOVING PLASTIC TRAFFIC MARKING			10.00			6.00									
35				0910	m2	REMOVING PLASTIC CROSSWALK LINE			29.00			29.00									
36				0208	HUND	REMOVING RAISED PAVEMENT MARKER			7.20	2.30		10.90									
37	LUMP SUM		LUMP SUM	0215	L.S.	REMOVING MISCELLANEOUS TRAFFIC ITEM															
38				0930	m	REMOVING CHAIN LINK FENCE						153.00									
39	LUMP SUM	LUMP SUM			L.S.	REMOVING MISCELLANEOUS APPURTENANCE			L.S.												
<b>GRADING</b>																					
40				2945	m3	ROADWAY EXCAVATION INCL. HAUL	410.00		1,300.00	640.00	1,850.00	73.00									
41				2979	t	GRAVEL BORROW INCL. HAUL	90.00					440.00									
42					m3	SPECIAL BORROW INCL. HAUL															
43				2990	m3	EMBANKMENT COMPACTION	45.00					180.00									
44					m3	POND EXCAVATION INCL. HAUL															

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)
2	405	1700CT	*	COB, SOUND TRANSIT, COB (TIB)
3	405	174302	**	PSE
4	405	174302	**	COB, COB (TIB)
5	405	174302	**	AT&T
6	405	174302	**	STATE

**- PRELIMINARY QUANTITIES ONLY -**  
**SEE FINAL RECORD BOOK 1**  
**FOR ACTUAL QUANTITIES**

**FOR "SS REVISIONS PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03	REV. QTY'S FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
					JOB NUMBER			
					02A012/4			
					CONTRACT NO			
					006549			
DATE	REVISION	BY						

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ3**

SHEET  
6  
OF  
1152  
SHEETS







# SUMMARY OF QUANTITIES

DOT\_RGG900

12/18/2002

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CL/CDL BRIDGE	BL/CDL BRIDGE	N LINE NE 4TH ST. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068	LL LINE 6+854 TO 8+728
<b>DRAINAGE</b>																					
45				1046	EACH	CONCRETE INLET															
46				1053	EACH	GRATE INLET TYPE 1															
47				4490	m	CEMENT CONC. GUTTER															
48				4521	t	QUARRY SPALLS	145.00			4.00											
49				4620	m	UNDERDRAIN PIPE 150 MM DIAM.															
<b>STORM SEWER</b>																					
50				3090	EACH	CATCH BASIN TYPE 2 1500MM DIAM.													4.00		
51				3090	EACH	CATCH BASIN TYPE 2 1500MM DIAM. WITH FLOW CONTROL													1.00		
52				3090	EACH	CATCH BASIN TYPE 2 1800 MM DIAM. WITH FLOW CONTROL															
53				3091	EACH	CATCH BASIN TYPE 1													1.00		
54				5347	EACH	CATCH BASIN TYPE 2 1200 MM DIAM.													8.00	2.00	
55				5350	EACH	CATCH BASIN TYPE 2 2400 MM DIAM.															
56					EACH	CATCH BASIN TYPE 2 2400MM DIAM. WITH FLOW CONTROL															
57				3090	EACH	CATCH BASIN TYPE 2 2750MM DIAM.															
58					EACH	MODIFY EXISTING FLOW CONTROL STRUCTURE															
59				5352	m	TESTING STORM SEWER PIPE															
60				5541	m	SCHEDULE A STORM SEWER PIPE 300 MM DIAM.															
61				5542	m	SCHEDULE A STORM SEWER PIPE 450 MM DIAM.															
62				5543	m	SCHEDULE A STORM SEWER PIPE 600 MM DIAM.															
63				5544	m	SCHEDULE A STORM SEWER PIPE 750 MM DIAM.															
64				5545	m	SCHEDULE A STORM SEWER PIPE 900 MM DIAM.															
65				5547	m	SCHEDULE A STORM SEWER PIPE 1200 MM DIAM.															
66					m	SCHEDULE A STORM SEWER PIPE 1800 MM DIAM.															
67					m	SOLID WALL PVC STORM SEWER PIPE 150 MM DIAM.															
68				5573	m	SOLID WALL PVC STORM SEWER PIPE 300 MM DIAM.															
69					m	DIRECTIONAL BORE 300 MM DIAM. STEEL PIPE															
70					m	FURNISHING AND JACKING 900 MM DIAM. STEEL PIPE															
71					DOL	REMOVING OBSTRUCTIONS FOR JACKING/BORING															
72					m	1800X900 PRECAST REINFORCED CONCRETE BOX CULVERT															
<b>SANITARY SEWER</b>																					
73				3640	EACH	SEWER CLEANOUT															
74				5682	m	TESTING SEWER PIPE															
75				6366	m	PVC SANITARY SEWER PIPE 200 MM DIAM.															
76				6368	m	PVC SANITARY SEWER PIPE 300 MM DIAM.															
77				6386	m	DUCTILE IRON SEWER PIPE 150 MM DIAM.															
78				6387	m	DUCTILE IRON SEWER PIPE 200 MM DIAM.															
79					EACH	CONNECT TO EXISTING SANITARY SEWER MANHOLE															
80					m2	CONCRETE PROTECTION SLAB															
<b>WATER LINES</b>																					
81				7833	EACH	GATE VALVE 150 MM															
82				7834	EACH	GATE VALVE 200 MM															
83				7851	EACH	TAPPING SLEEVE AND VALVE ASSEMBLY 200 MM															
84				3846	EACH	HYDRANT ASSEMBLY															
85				3850	EACH	MOVING EXISTING HYDRANT															

GROUP LEGEND:	GROUP NUMBER 1	SR 405	CONTROL SECTION 174302	TAX SCHEDULE **	FUND PARTICIPANTS SOUND TRANSIT, FEDERAL (STPUL), FEDERAL (ACIM)
---------------	-------------------	-----------	---------------------------	--------------------	---

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

**FOR "AS CONSTRUCTED  
PLANS" ONLY**

	REGION 10	STATE WA	FEDERAL AID PROJECT. NO. ACIM-4053(843) STPUL-4053(843)		1405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.	SQ5
	JOB NUMBER 02A012/1			Washington State Department of Transportation		SHEET 8 OF 1152 SHEETS
DATE	REVISION		BY	000000	SUMMARY OF QUANTITIES	



# SUMMARY OF QUANTITIES

DOT\_RGG900

3/31/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6				
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R/W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R/W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES				
<b>DRAINAGE</b>																					
45				1046	EACH	CONCRETE INLET							3.00								
46				1053	EACH	GRATE INLET TYPE 1															
47				4490	m	CEMENT CONC. GUTTER															
48				4521	t	QUARRY SPALLS															
49				4620	m	UNDERDRAIN PIPE 150 MM DIAM.			167.00		40.00		33.00								
<b>STORM SEWER</b>																					
50				3090	EACH	CATCH BASIN TYPE 2 1500MM DIAM															
51				3090	EACH	CATCH BASIN TYPE 2 1500MM DIAM. WITH FLOW CONTROL															
52				3090	EACH	CATCH BASIN TYPE 2 1800 MM DIAM. WITH FLOW CONTROL															
53				3091	EACH	CATCH BASIN TYPE 1						1.00									
54				5347	EACH	CATCH BASIN TYPE 2 1200 MM DIAM.			1.00	6.00	12.00										
55				5350	EACH	CATCH BASIN TYPE 2 2400 MM DIAM.					2.00										
56					EACH	CATCH BASIN TYPE 2 2400MM DIAM. WITH FLOW CONTROL															
57				3090	EACH	CATCH BASIN TYPE 2 2750MM DIAM.															
58					EACH	MODIFY EXISTING FLOW CONTROL STRUCTURE															
59				5352	m	TESTING STORM SEWER PIPE			19.50	126.00	352.00	40.50									
60				5541	m	SCHEDULE A STORM SEWER PIPE 300 MM DIAM.			19.50		16.50										
61				5542	m	SCHEDULE A STORM SEWER PIPE 450 MM DIAM.					41.50										
62				5543	m	SCHEDULE A STORM SEWER PIPE 600 MM DIAM.				126.00	226.00										
63				5544	m	SCHEDULE A STORM SEWER PIPE 750 MM DIAM.															
64				5545	m	SCHEDULE A STORM SEWER PIPE 900 MM DIAM.															
65				5547	m	SCHEDULE A STORM SEWER PIPE 1200 MM DIAM.					19.50										
66					m	SCHEDULE A STORM SEWER PIPE 1800 MM DIAM.															
67					m	SOLID WALL PVC STORM SEWER PIPE 150 MM DIAM.					48.30										
68				5573	m	SOLID WALL PVC STORM SEWER PIPE 300 MM DIAM.															
69					m	DIRECTIONAL BORE 300 MM DIAM. STEEL PIPE															
70					m	FURNISHING AND JACKING 900 MM DIAM. STEEL PIPE															
71					DOL	REMOVING OBSTRUCTIONS FOR JACKING/BORING															
72					m	1800X900 PRECAST REINFORCED CONCRETE BOX CULVERT															
<b>SANITARY SEWER</b>																					
73				3640	EACH	SEWER CLEANOUT															
74				5682	m	TESTING SEWER PIPE									662.00						
75				6366	m	PVC SANITARY SEWER PIPE 200 MM DIAM.									542.50						
76				6368	m	PVC SANITARY SEWER PIPE 300 MM DIAM.									119.50						
77				6386	m	DUCTILE IRON SEWER PIPE 150 MM DIAM.															
78				6387	m	DUCTILE IRON SEWER PIPE 200 MM DIAM.							37.00								
79					EACH	CONNECT TO EXISTING SANITARY SEWER MANHOLE									1.00						
80					m2	CONCRETE PROTECTION SLAB									19.00						
<b>WATER LINES</b>																					
81				7833	EACH	GATE VALVE 150 MM									1.00						
82				7834	EACH	GATE VALVE 200 MM									10.00						
83				7851	EACH	TAPPING SLEEVE AND VALVE ASSEMBLY 200 MM									1.00						
84				3846	EACH	HYDRANT ASSEMBLY									3.00						
85				3850	EACH	MOVING EXISTING HYDRANT									3.00						

GROUP LEGEND:

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)
2	405	1700CT	*	COB,SOUND TRANSIT,COB (TIB)
3	405	174302	**	PSE
4	405	174302	**	COB,COB (TIB)
5	405	174302	**	AT&T
6	405	174302	**	STATE

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

FOR "AS SHOWN" PLANS ONLY

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
			10	WA	ACIM-4053(843) ACSTPUL-4053(843)		
			JOB NUMBER				
			02A012/3				
			CONTRACT NO				
			006549				
DATE	REVISION	BY					

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ6**

SHEET  
9  
OF  
1152  
SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086	CR LINE 10+000 TO 10+167	BR LINE 15+000 TO 15+357
86	1.00		1.00		EACH	MOVING EXISTING HYDRANT ON BRIDGE															
87	1.00		1.00	3852	EACH	RECONNECTING EXISTING HYDRANT															
88	3.00		3.00		EACH	SERVICE CONNECTION 100MM DIAM.															
89	1.00		1.00		EACH	SERVICE CONNECTION 150 MM DIAM.															
90	2.00		2.00		EACH	SERVICE CONNECTION 200 MM DIAM.															
91	43.50		43.50	7891	m	DUCTILE IRON PIPE FOR WATER MAIN 150 MM DIAM.															
92	329.00		329.00	7892	m	DUCTILE IRON PIPE FOR WATER MAIN 200 MM DIAM.															
93	162.00		162.00	7896	m	DUCTILE IRON PIPE FOR WATER MAIN 400 MM DIAM.															
94	3.00		3.00		EACH	RELOCATE WATER METER 38MM DIAM.															
95	1.00		1.00		EACH	RELOCATE WATER METER 75MM DIAM.															
96	2.00		2.00		EACH	CONNECT TO EXISTING WATER MAIN - 200 MM															
97	1.00		1.00		EACH	CONNECT TO EXISTING WATER MAIN - 300 MM															
98	2.00		2.00		EACH	CONNECT TO EXISTING WATER MAIN - 400 MM															
99	LUMP SUM		LUMP SUM		L.S.	RESET IRRIGATION CONTROL SYSTEM															
100	LUMP SUM		LUMP SUM		L.S.	RESET DOUBLE DETECTOR CHECK VALVE ASSEMBLY 150MM DIAM.															
<b>STRUCTURE</b>																					
101	24254.00	410.00	23844.00	8331	m3	STRUCTURE EXCAVATION CLASS A INCL. HAUL		120.00			16,480.00				3,400.00		241.00				
102	9057.00	212.00	8845.00	8340	m3	GRAVEL BACKFILL FOR WALL		50.00		5,191.00				2,350.00		160.00					
103	6070.00		6070.00		m3	CRUSHED SURFACING BASE COURSE BACKFILL FOR WALL				5,590.00				480.00							
104	LUMP SUM		LUMP SUM		L.S.	DEWATERING SYSTEM				L.S.											
105	18.00		18.00		MO.	MAINTENANCE AND OPERATION OF DEWATERING SYSTEM				18.00											
106	LUMP SUM	LUMP SUM	LUMP SUM	4013	L.S.	SHORING OR EXTRA EXCAVATION CL. A		L.S.		L.S.				L.S.							
107	LUMP SUM		LUMP SUM	4013	L.S.	SHORING OR EXTRA EXCAVATION CL. A - FOR SHAFT															
108	159.00		159.00		m3	SOIL EXCAVATION FOR SHAFT INCLUDING HAUL															
109	1126.00		1126.00		m	FURNISHING PERMANENT CASING FOR 1.200 M DIAM. SHAFT															
110	670.00		670.00		m	FURNISHING PERMANENT CASING FOR 2.000 M DIAM SHAFT															
111	1.00		1.00		EACH	PLACING PERMANENT CASING FOR 1.200 M DIAM. SHAFT															
112	3.00		3.00		EACH	PLACING PERMANENT CASING FOR 2.000 M DIAM SHAFT															
113	38.00		38.00		m	FURNISHING & PLACING TEMP. CASING FOR 2.000 DIAM. SHAFT															
114	167200.00		167200.00		DOL	REMOVING OBSTRUCTIONS		76,700.00		16,500.00	21,000.00	13,000.00									
115	555.00		555.00		m	SHAFT - 610MM DIAMETER			247.00	130.00	178.00										
116	1967.00		1967.00		m	SHAFT - 760MM DIAMETER		1,823.00			144.00										
117	509.00		509.00		m	FURNISHING SOLDIER PILE - W 410X114				227.00	118.00	164.00									
118	487.00		487.00		m	FURNISHING SOLDIER PILE - W 360X134			487.00												
119	364.00		364.00		m	FURNISHING SOLDIER PILE - DBL. W 460X60		231.00			133.00										
120	1107.00		1107.00		m	FURNISHING SOLDIER PILE - DBL. W 460X89 W/COVER PLATE		1,107.00													
121	1498.00		1498.00	8412	kg	EPOXY-COATED ST. REINF. BAR FOR BRIDGE															
122	1013.00		1013.00	8418	kg	EPOXY-COATED ST. REINF. BAR FOR SLAB				1,013.00											
123	626724.00		626724.00	8420	kg	ST. REINF. BAR FOR BRIDGE															
124	40082.00		40082.00	8426	kg	ST. REINF. BAR FOR SHAFT															
125	415805.00	4672.00	410933.00	8426	kg	ST. REINF. BAR FOR RETAINING WALL		2,200.00		353,283.00	1,750.00			42,000.00		9,100.00					
126	2710.00		2710.00	8426	kg	ST. REINF. BAR FOR SLAB				610.00						2,100.00					
127	105.00		105.00		m	CSL ACCESS TUBE															
128	153.00		153.00		m3	CONC. CLASS 28P FOR SHAFT															
129	6934.00	134.00	6800.00	8442	m3	CONC. CLASS 28 FOR RETAINING WALL		35.00		5,506.00	16.00			1,085.00		158.00					
130	3816.00		3816.00	8452	m3	CONC. CLASS 28 FOR BRIDGE															
131	20.00		20.00	8470	m3	CONC. CLASS 28D FOR BRIDGE				11.00						9.00					
132	266.00		266.00		m3	TIMBER LAGGING		205.00		16.00	30.00	15.00									

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)

**PRELIMINARY QUANTITIES ONLY -  
 SEE FINAL RECORD BOOK 1  
 FOR ACTUAL QUANTITIES**

**FOR "AS SHOWN" QUANTITIES  
 PLANS" ONLY**

04/02/03 REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03 REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03 REV. QTYS FOR ITEMS 4, 27, 77, 181, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03 REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS		JOB NUMBER				
04/29/03 REV. QTYS FOR NUMEROUS ITEMS. REV UNIT FOR ITEM 320	JDS		02A012/5				
DATE	REVISION	BY	CONTRACT NO				
			006549				

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ7**  
SHEET  
10  
OF  
1152  
SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CL/CDL BRIDGE	BL/CDL BRIDGE	N LINE NE 4TH ST. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068	LL LINE 6+854 TO 8+728
86					EACH	MOVING EXISTING HYDRANT ON BRIDGE															
87				3852	EACH	RECONNECTING EXISTING HYDRANT															
88					EACH	SERVICE CONNECTION 100MM DIAM.															
89					EACH	SERVICE CONNECTION 150 MM DIAM.															
90					EACH	SERVICE CONNECTION 200 MM DIAM.															
91				7891	m	DUCTILE IRON PIPE FOR WATER MAIN 150 MM DIAM.															
92				7892	m	DUCTILE IRON PIPE FOR WATER MAIN 200 MM DIAM.															
93				7896	m	DUCTILE IRON PIPE FOR WATER MAIN 400 MM DIAM.															
94					EACH	RELOCATE WATER METER 38MM DIAM.															
95					EACH	RELOCATE WATER METER 75MM DIAM.															
96					EACH	CONNECT TO EXISTING WATER MAIN - 200 MM															
97					EACH	CONNECT TO EXISTING WATER MAIN - 300 MM															
98					EACH	CONNECT TO EXISTING WATER MAIN - 400 MM															
99	LUMP SUM		LUMP SUM		L.S.	RESET IRRIGATION CONTROL SYSTEM															
100	LUMP SUM		LUMP SUM		L.S.	RESET DOUBLE DETECTOR CHECK VALVE ASSEMBLY 150MM DIAM.															
<b>STRUCTURE</b>																					
101				8331	m3	STRUCTURE EXCAVATION CLASS A INCL. HAUL						566.00		2,193.00					844.00		
102				8340	m3	GRAVEL BACKFILL FOR WALL						168.00		295.00					631.00		
103					m3	CRUSHED SURFACING BASE COURSE BACKFILL FOR WALL															
104	LUMP SUM		LUMP SUM		L.S.	DEWATERING SYSTEM															
105					MO.	MAINTENANCE AND OPERATION OF DEWATERING SYSTEM															
106	LUMP SUM	LUMP SUM	LUMP SUM	4013	L.S.	SHORING OR EXTRA EXCAVATION CL. A						L.S.		L.S.					L.S.		
107	LUMP SUM		LUMP SUM	4013	L.S.	SHORING OR EXTRA EXCAVATION CL. A - FOR SHAFT													L.S.		
108					m3	SOIL EXCAVATION FOR SHAFT INCLUDING HAUL						17.00							142.00		
109					m	FURNISHING PERMANENT CASING FOR 1.200 M DIAM. SHAFT						1128									
110					m	FURNISHING PERMANENT CASING FOR 2.000 M DIAM SHAFT													670		
111					EACH	PLACING PERMANENT CASING FOR 1.200 M DIAM. SHAFT						1.00									
112					EACH	PLACING PERMANENT CASING FOR 2.000 M DIAM SHAFT													3.00		
113					m	FURNISHING & PLACING TEMP. CASING FOR 2.000 DIAM. SHAFT													3830		
114					DOL	REMOVING OBSTRUCTIONS						25,000.00							15,000.00		
115					m	SHAFT - 610MM DIAMETER															
116					m	SHAFT - 760MM DIAMETER															
117					m	FURNISHING SOLDIER PILE - W 410X114															
118					m	FURNISHING SOLDIER PILE - W 360X134															
119					m	FURNISHING SOLDIER PILE - DBL. W 460X60															
120					m	FURNISHING SOLDIER PILE - DBL. W 460X89 W/COVER PLATE															
121				8412	kg	EPOXY-COATED ST. REINF. BAR FOR BRIDGE													1,498.00		
122				8418	kg	EPOXY-COATED ST. REINF. BAR FOR SLAB															
123				8420	kg	ST. REINF. BAR FOR BRIDGE						220,000.00	75,000.00		177,000.00				154,724.00		
124				8426	kg	ST. REINF. BAR FOR SHAFT						2,500.00			17,482.00				20,100.00		
125				8426	kg	ST. REINF. BAR FOR RETAINING WALL													2,600.00		
126				8426	kg	ST. REINF. BAR FOR SLAB															
127					m	CSL ACCESS TUBE						15.00							90.00		
128					m3	CONC. CLASS 28P FOR SHAFT						17.00							136.00		
129				8442	m3	CONC. CLASS 28 FOR RETAINING WALL															
130				8452	m3	CONC. CLASS 28 FOR BRIDGE						586.00	586.00		1,328.00				1,316.00		
131				8470	m3	CONC. CLASS 28D FOR BRIDGE															
132					m3	TIMBER LAGGING															

GROUP LEGEND:	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -  
 SEE FINAL RECORD BOOK 1  
 FOR ACTUAL QUANTITIES**

**FOR WAS CONSTRUCTION  
 PLANS ONLY**

04/02/03 REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03 REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03 REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03 REV. DESC. FOR ITEM 120 AND 264, ADDED ITEMS 376 - 385	JDS						
04/29/03 REV. QTYS FOR NUMEROUS ITEMS, REV. UNIT FOR ITEM 320	JDS						
DATE	REVISION	BY	CONTRACT NO.				
			006549				

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

**SQ8**

SHEET  
11  
OF  
1152  
SHEETS

SUMMARY OF QUANTITIES







# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1						
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086	CR LINE 10+000 TO 10+167	BR LINE 15+000 TO 15+357	GR LINE 0+999 TO 1+249			
133	2574.00		2574.00		m2	PREFABRICATED DRAINAGE MATERIAL		1,975.00				160.00	290.00	149.00											
134	2898.00		2898.00		m2	CONCRETE FASCIA PANEL			2,122.00			223.00	354.00	199.00											
135	213.00		213.00		EACH	PERMANENT GROUND ANCHOR			191.00				22.00												
136	14.00		14.00		EACH	PERFORMANCE TEST			11.00				3.00												
137	LUMP SUM		LUMP SUM		L.S.	VERIFICATION TEST			L.S.				L.S.												
138	-17.00	-3.00	-14.00	4219	DOL	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT	-1.00	-1.00				-1.00	-1.00	-1.00			-1.00		-1.00						
139	40.00		40.00	8515	m3	MODIFIED CONC. OVERLAY																			
140	540.00		540.00	8516	m2	FINISHING AND CURING MODIFIED CONC. OVERLAY																			
141				7800	EACH	DELETED ITEM																			
142	LUMP SUM		LUMP SUM	4235	L.S.	STRUCTURAL LOW ALLOY STEEL																			
143	5.00		5.00	4307	EACH	FABRIC PAD BEARING - SUPERSTR.																			
144	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -CL LINE RAMP																			
145	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BL LINE RAMP																			
146	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BRIDGE NO. 405/42.5 REPLACEMENT																			
147	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BRIDGE NO. 405/42.5B RECONSTRUCTION																			
148	LUMP SUM		LUMP SUM	4311	L.S.	ROADWAY DECK - NE 6TH STREET BRIDGE																			
149	168.00	168.00			m	COB SAFETY RAILING																			
150	180.00		180.00	8605	m	BRIDGE RAILING TYPE BP													44.00						
151	513.00		513.00	8615	m	TRAFFIC BARRIER		379.00				28.00							80.00						
152	189.00		189.00		m	TRAFFIC BARRIER TYPE A						189.00													
153	351.00		351.00		m	TRAFFIC BARRIER TYPE C						241.00	105.00					5.00							
154	36.00		36.00		m	TRAFFIC BARRIER TYPE D													36.00						
155	96.00		96.00		m	TRAFFIC BARRIER TYPE E						96.00													
156	33.00		33.00		m	TRAFFIC BARRIER TRANSITION						27.00						6.00							
157	570.00		570.00		m	SEW TRAFFIC BARRIER	232.00	246.00																	
158	74.00		74.00		m	TRANSITION WALL / BARRIER	46.00	28.00																	
159	540.00		540.00	8644	m2	SCARIFYING CONC. SURFACE																			
160	10000.00		10000.00	4466	DOL	FURTHER DECK PREPARATION																			
<b>SURFACING</b>																									
161	26096.00	2840.00	23256.00	8673	t	CRUSHED SURFACING BASE COURSE	7,864.00	4,870.00	615.00	601.00	153.00	478.00	963.00	703.00	413.00	496.00	358.00	287.00	1,420.00	380.00	226.00	684.00			
<b>LIQUID ASPHALT</b>																									
162	44570.00	3320.00	41250.00	5334	DOL	ANTI-STRIPPING ADDITIVE	11,050.00	8,900.00	1,150.00	1,070.00	340.00	3,330.00	1,920.00	1,550.00	630.00	800.00	980.00	640.00	3,120.00	850.00	360.00	1,090.00			
<b>CEMENT CONCRETE PAVEMENT</b>																									
163	4944.00	890.00	4054.00	8793	m3	CEMENT CONC. PAVEMENT		3,146.00	241.00	259.00															
164	223.00	205.00	18.00		m2	COB CEMENT CONC. APPROACH 3 DAY																			
165	890.00		890.00	8812	m2	BRIDGE APPROACH SLAB																			
166	2693.00	63.00	2630.00	5680	EACH	EPOXY-COATED TIE BAR WITH DRILL HOLE		2,630.00																	
<b>ASPHALT CONCRETE PAVEMENT</b>																									
167	15000.00		15000.00	5703	DOL	CRACK SEALING		15,000.00																	
168	509.00		509.00	8840	m2	PLANING BITUMINOUS PAVEMENT		509.00																	
169	65.00	46.00	19.00	8865	t	ASPHALT CONC. FOR PAVEMENT REPAIR																			
170	33507.00	3327.00	30180.00	8822	t	ASPHALT CONC. PAVEMENT CL. A PG 64-22	3,724.00	5,187.00	1,145.00	1,091.00	340.00	3,330.00	1,920.00	1,553.00	630.00	796.00	979.00	636.00	3,121.00	844.00	363.00	1,090.00			
171	11041.00		11041.00	8877	t	ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5 MM PG 64-22	7,324.00	3,717.00																	
172	66600.00	4480.00	62120.00	5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT	21,090.00	12,350.00	1,550.00	1,440.00	460.00	4,500.00	2,590.00	2,100.00	850.00	1,070.00	1,320.00	860.00	4,210.00	1,140.00	490.00	1,470.00			
173	40190.00	2990.00	37200.00	5835	DOL	COMPACTION PRICE ADJUSTMENT	10,380.00	8,230.00	1,030.00	960.00	310.00	3,000.00	1,730.00	1,400.00	570.00	720.00	880.00	570.00	2,810.00	760.00	330.00	980.00			

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

**FOR "AS NOTED" PLANS ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.	Washington State Department of Transportation	I 405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.	SUMMARY OF QUANTITIES	
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)				SHEET 13 OF 1152 SHEETS
04/16/03	REV. QTYs FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)				
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS			JOB NUMBER 02A012/5				
04/29/03	REV. QTYs FOR NUMEROUS ITEMS, REV. UNIT FOR ITEM 320	JDS			CONTRACT NO 006549				
DATE	REVISION	BY							



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/13/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1				
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CL/CDL BRIDGE	BL/CDL BRIDGE	N LINE NE 4TH ST. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068	LL LINE 6+854 TO 8+728	Q LINE 1+420 TO 1+273	
133					m2	PREFABRICATED DRAINAGE MATERIAL																	
134					m2	CONCRETE FASCIA PANEL																	
135					EACH	PERMANENT GROUND ANCHOR																	
136					EACH	PERFORMANCE TEST																	
137	LUMP SUM		LUMP SUM		L.S.	VERIFICATION TEST																	
138				4219	DOL	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT				-1.00	-1.00		-1.00	-1.00	-1.00	-1.00	-1.00						
139				8515	m3	MODIFIED CONC. OVERLAY							15.00	25.00									
140				8516	m2	FINISHING AND CURING MODIFIED CONC. OVERLAY							250.00	290.00									
141				<del>7300</del>	<del>EACH</del>	<del>DELETED ITEM</del>																	
142	LUMP SUM		LUMP SUM	4235	L.S.	STRUCTURAL LOW ALLOY STEEL													L.S.				
143				4307	EACH	FABRIC PAD BEARING - SUPERSTR.						5.00											
144	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -CL LINE RAMP				L.S.													
145	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BL LINE RAMP				L.S.													
146	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BRIDGE NO. 405/42.5 REPLACEMENT						L.S.											
147	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BRIDGE NO. 405/42.5B RECONSTRUCTION								L.S.									
148	LUMP SUM		LUMP SUM	4311	L.S.	ROADWAY DECK - NE 6TH STREET BRIDGE													L.S.				
149					m	COB SAFETY RAILING																	
150				8605	m	BRIDGE RAILING TYPE BP						136.00											
151				8615	m	TRAFFIC BARRIER						6.00							20.00				
152					m	TRAFFIC BARRIER TYPE A																	
153					m	TRAFFIC BARRIER TYPE C																	
154					m	TRAFFIC BARRIER TYPE D																	
155					m	TRAFFIC BARRIER TYPE E																	
156					m	TRAFFIC BARRIER TRANSITION																	
157					m	SEW TRAFFIC BARRIER													92.00				
158					m	TRANSITION WALL / BARRIER																	
159				8644	m2	SCARIFYING CONC. SURFACE							250.00	290.00									
160				4466	DOL	FURTHER DECK PREPARATION							5,000.00	5,000.00									
<b>SURFACING</b>																							
161				8673	t	CRUSHED SURFACING BASE COURSE	399.00	506.00	491.00			37.00				347.00		203.00	227.00	270.00			
<b>LIQUID ASPHALT</b>																							
162				5334	DOL	ANTI-STRIPPING ADDITIVE	410.00	980.00	800.00							30.00		260.00	250.00	390.00			
<b>CEMENT CONCRETE PAVEMENT</b>																							
163				8793	m3	CEMENT CONC. PAVEMENT										408.00							
164					m2	COB CEMENT CONC. APPROACH 3 DAY												24.00					
165				8812	m2	BRIDGE APPROACH SLAB				125.00	77.00	210.00						478.00					
166				5680	EACH	EPOXY-COATED TIE BAR WITH DRILL HOLE																	
<b>ASPHALT CONCRETE PAVEMENT</b>																							
167				5703	DOL	CRACK SEALING																	
168				8840	m2	PLANING BITUMINOUS PAVEMENT																	
169				8865	t	ASPHALT CONC. FOR PAVEMENT REPAIR																	
170				8822	t	ASPHALT CONC. PAVEMENT CL. A PG 64-22	410.00	979.00	799.00							30.00		225.00	253.00	385.00			
171				8877	t	ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5 MM PG 64-22																	
172				5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT	550.00	1,320.00	1,080.00							40.00		300.00	340.00	520.00			
173				5835	DOL	COMPACTION PRICE ADJUSTMENT	370.00	880.00	720.00							30.00				350.00			

GROUP LEGEND:	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -  
 SEE FINAL RECORD BOOK 1  
 FOR ACTUAL QUANTITIES**

FOR THE CONTRACTOR'S  
 PLANS ONLY

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/10/03	REV. DESO. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)		
04/16/03	REV. QTY'S FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
					JOB NUMBER		
					02A012/4		
					CONTRACT NO		
					006549		
DATE	REVISION	BY					

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

**SQ11**  
SHEET  
14  
OF  
1152  
SHEETS

SUMMARY OF QUANTITIES



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6					
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R / W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R / W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES					
133					m2	PREFABRICATED DRAINAGE MATERIAL																
134					m2	CONCRETE FASCIA PANEL																
135					EACH	PERMANENT GROUND ANCHOR																
136					EACH	PERFORMANCE TEST																
137	LUMP SUM		LUMP SUM		L.S.	VERIFICATION TEST																
138				4219	DOL	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT			-1.00		-1.00		-1.00									
139				8515	m3	MODIFIED CONC. OVERLAY																
140				8516	m2	FINISHING AND CURING MODIFIED CONC. OVERLAY																
141				7800	EACH	DELETED ITEM																
142	LUMP SUM		LUMP SUM	4235	L.S.	STRUCTURAL LOW ALLOY STEEL																
143				4307	EACH	FABRIC PAD BEARING - SUPERSTR.																
144	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -CL LINE RAMP																
145	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BL LINE RAMP																
146	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BRIDGE NO. 405/42.5 REPLACEMENT																
147	LUMP SUM		LUMP SUM	4300	L.S.	SUPERSTRUCTURE -BRIDGE NO. 405/42.5B RECONSTRUCTION																
148	LUMP SUM		LUMP SUM	4311	L.S.	ROADWAY DECK - NE 6TH STREET BRIDGE																
149					m	COB SAFETY RAILING			64.00		89.00		15.00									
150				8605	m	BRIDGE RAILING TYPE BP																
151				8615	m	TRAFFIC BARRIER																
152					m	TRAFFIC BARRIER TYPE A																
153					m	TRAFFIC BARRIER TYPE C																
154					m	TRAFFIC BARRIER TYPE D																
155					m	TRAFFIC BARRIER TYPE E																
156					m	TRAFFIC BARRIER TRANSITION																
157					m	SEW TRAFFIC BARRIER																
158					m	TRANSITION WALL / BARRIER																
159				8644	m2	SCARIFYING CONC. SURFACE																
160				4466	DOL	FURTHER DECK PREPARATION																
						<b>SURFACING</b>																
161				8673	t	CRUSHED SURFACING BASE COURSE	220.00		1,028.00	504.00	983.00	325.00			45.00							
						<b>LIQUID ASPHALT</b>																
162				5334	DOL	ANTI-STRIPPING ADDITIVE	350.00		340.00	800.00	1,790.00	390.00										
						<b>CEMENT CONCRETE PAVEMENT</b>																
163				8793	m3	CEMENT CONC. PAVEMENT			890.00													
164					m2	COB CEMENT CONC. APPROACH 3 DAY				23.00	75.00	107.00										
165				8812	m2	BRIDGE APPROACH SLAB																
166				5680	EACH	EPOXY-COATED TIE BAR WITH DRILL HOLE			63.00													
						<b>ASPHALT CONCRETE PAVEMENT</b>																
167				5703	DOL	CRACK SEALING																
168				8840	m2	PLANING BITUMINOUS PAVEMENT																
169				8865	t	ASPHALT CONC. FOR PAVEMENT REPAIR					46.00				19.00							
170				8822	t	ASPHALT CONC. PAVEMENT CL. A PG 64-22	350.00		344.00	795.00	1,796.00	392.00										
171				8877	t	ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5 MM PG 64-22																
172				5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT	480.00		480.00	1,070.00	2,420.00	530.00										
173				5835	DOL	COMPACTION PRICE ADJUSTMENT	190.00		310.00	720.00	1,610.00	350.00										

GROUP LEGEND:

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)
2	405	1700CT	*	COB, SOUND TRANSIT, COB (TIB)
3	405	174302	**	PSE
4	405	174302	**	COB, COB (TIB)
5	405	174302	**	AT&T
6	405	174302	**	STATE

**- PRELIMINARY QUANTITIES ONLY -  
 SEE FINAL RECORD BOOK 1  
 FOR ACTUAL QUANTITIES**

**FOR "AS SHOWN" PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03	REV. QTY'S FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS			JOB NUMBER			
04/29/03	REV. QTY'S FOR NUMEROUS ITEMS, REV. UNIT FOR ITEM 320	JDS			02A012/5			
DATE	REVISION	BY			CONTRACT NO			
					006549			

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

**SQ12**  
SHEET  
15  
OF  
1152  
SHEETS

SUMMARY OF QUANTITIES



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086
<b>EROSION CONTROL AND PLANTING</b>																			
174	1163.00	260.00	903.00	6403	DAY	ESC LEAD	100.00	100.00				100.00	100.00	20.00					20.00
175	4.16		4.16	9094	ha	SEEDING, FERTILIZING, AND MULCHING	2.50												0.13
176	2600.00		2600.00	9141	m2	PLASTIC COVERING													
177	218.00		218.00	9148	m	CHECK DAM						4.00	25.00	40.00					
178	2400.00		2400.00	9149	m2	STABILIZED CONSTRUCTION ENTRANCE													
179	2.00	1.00	1.00	6469	EACH	TIRE WASH													
180	1.00		1.00		EACH	FURNISH STREET SWEEPER													
181	2490.00	830.00	1660.00	6470	hour	STREET CLEANING													
182	373.00	24.00	349.00	6471	EACH	INLET PROTECTION	4.00	9.00		7.00		12.00	1.00	2.00	16.00	1.00			18.00 4.00
183	1570.00		1570.00	9150	m	SILT FENCE		220.00						120.00	100.00				233.00 240.00
184	220000.00	4000.00	216000.00	6490	DOL	EROSION/WATER POLLUTION CONTROL						50,000.00	25,000.00	25,000.00			25,000.00		25,000.00
185	1410.00		1410.00		m	CONSTRUCTION FENCE		240.00											260.00 280.00
186	LUMP SUM		LUMP SUM		L.S.	TEMPORARY POND RISER, CONNECTIONS AND SEDIMENT BARRIER													
187	1.00		1.00		EACH	TEMPORARY STORMWATER RUNOFF STORAGE TANK													
188	200.00	100.00	100.00		m3	MUD PALLIATIVE													
189	7486.00		7486.00	9080	m3	TOPSOIL TYPE B													
190	210.00	1.00	209.00	6552	EACH	PSIPE GIANT SEQUOIA B&B 1.22 M HT.													1.00
191	32.00		32.00	6552	EACH	PSIPE PIN OAK B&B, 38.10 MM CALIPER													
192				7800	EACH	DELETED ITEM													
193	3634.00		3634.00	6552	EACH	PSIPE WHITE ROCKROSE #1 CONTAINER													
194				7800	EACH	DELETED ITEM													
195	2367.00	452.00	1915.00	6552	EACH	PSIPE KELSEY RED OSIER DOGWOOD #1 CONTAINER													
196	571.00		571.00	6552	EACH	PSIPE SNOWBERRY #1 CONTAINER													
197	6577.00		6577.00	6552	EACH	PSIPE SLOUGH SEDGE #1 CONTAINER													
198	6577.00		6577.00	6552	EACH	PSIPE SOFT RUSH #1 CONTAINER													
199	40650.00	3800.00	36850.00	6606	DOL	PLANT ESTABLISHMENT - SECOND YEAR													1,500.00
200	20110.00	2700.00	17410.00	6608	DOL	PLANT ESTABLISHMENT - THIRD YEAR													1,200.00
201	1304.00	103.00	1201.00	9188	m3	BARK OR WOOD CHIP MULCH													
202	1.82		1.82		ha	BIOFILTRATION SEED MIX AND WILDFLOWER SEED MIX													0.04
<b>TRAFFIC</b>																			
203	833.00	570.00	263.00	9215	m	CEMENT CONC. BARRIER CURB AND GUTTER							222.00						
204	283.00		283.00	9216	m	CEMENT CONC. BARRIER CURB													85.00
205	657.00	106.00	551.00	9229	m	EXTRUDED CURB												149.00	166.00
206	391.00	385.00	6.00	9231	m	TYPE C PRECAST TRAFFIC CURB													
207	380.00		380.00	9235	m	TYPE A BLOCK TRAFFIC CURB							41.00						44.00
208	146.00		146.00	9236	m	TYPE C BLOCK TRAFFIC CURB							52.00						59.00
209	125.00	125.00			m	CEMENT CONC. DROP CURB													
210	41.00	41.00			m	CEMENT CONC. STEP CURB													
211	646.00		646.00	9260	m	BEAM GUARDRAIL TYPE 1		254.00											99.00 115.00
212	25.00		25.00	9263	m	BEAM GUARDRAIL TYPE 4													25.00
213	13.00		13.00	9265	m	BEAM GUARDRAIL TYPE 11													13.00
214	2.00		2.00	6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 1A		1.00											
215	3.00		3.00	6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 3													2.00 1.00
216	1.00		1.00	6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 16													1.00
217	2.00		2.00	6716	EACH	BEAM GUARDRAIL FLARED TERMINAL		1.00											
218	2.00		2.00	6774	EACH	BEAM GUARDRAIL ANCHOR TYPE 4		1.00											

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

FOR USE ONLY BY  
PLANTING UNIT

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.	Washington State Department of Transportation	1405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.	<b>SQ13</b>	
04/18/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			SUMMARY OF QUANTITIES	SHEET
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)				16
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS							OF
04/29/03	REV. QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS							1152
DATE	REVISION	BY			CONTRACT NO			SHEETS	
					006549				



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CL/CDL BRIDGE	BL/CDL BRIDGE	N LINE NE 4TH ST. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068
<b>EROSION CONTROL AND PLANTING</b>																				
174				6403	DAY	ESC LEAD		10.00							55.00					315.00
175				9094	ha	SEEDING, FERTILIZING, AND MULCHING		0.20												0.33
176				9141	m2	PLASTIC COVERING														28,000.00
177				9148	m	CHECK DAM														65.00
178				9149	m2	STABILIZED CONSTRUCTION ENTRANCE		1,200.00												1,200.00
179				6469	EACH	TIRE WASH														1.00
180					EACH	FURNISH STREET SWEEPER														1.00
181				6470	HOURL	STREET CLEANING						415.00			415.00					415.00
182				6471	EACH	INLET PROTECTION	1.00	1.00	10.00						3.00					224.00
183				9150	m	SILT FENCE	120.00													537.00
184				6490	DOL	EROSION/WATER POLLUTION CONTROL			25,000.00											
185					m	CONSTRUCTION FENCE														630.00
186	LUMP SUM		LUMP SUM		L.S.	TEMPORARY POND RISER, CONNECTIONS AND SEDIMENT BARRIER														L.S.
187					EACH	TEMPORARY STORMWATER RUNOFF STORAGE TANK														1.00
188					m3	MUD PALLIATIVE														100.00
189				9080	m3	TOPSOIL TYPE B														7,486.00
190				6552	EACH	PSIPE GIANT SEQUOIA B&B 1.22 M HT.			3.00											163.00
191				6552	EACH	PSIPE PIN OAK B&B, 38.10 MM CALIPER														32.00
192				7800	EACH	DELETED ITEM														
193				6552	EACH	PSIPE WHITE ROCKROSE #1 CONTAINER														3,634.00
194				7800	EACH	DELETED ITEM														
195				6552	EACH	PSIPE KELSEY RED OSIER DOGWOOD #1 CONTAINER														1,814.00
196				6552	EACH	PSIPE SNOWBERRY #1 CONTAINER														292.00
197				6552	EACH	PSIPE SLOUGH SEDGE #1 CONTAINER														6,577.00
198				6552	EACH	PSIPE SOFT RUSH #1 CONTAINER														6,577.00
199				6606	DOL	PLANT ESTABLISHMENT - SECOND YEAR														25,000.00
200				6608	DOL	PLANT ESTABLISHMENT - THIRD YEAR														20,000.00
201				9188	m3	BARK OR WOOD CHIP MULCH														677.00
202					ha	BIOFILTRATION SEED MIX AND WILDFLOWER SEED MIX														1.78
<b>TRAFFIC</b>																				
203				9215	m	CEMENT CONC. BARRIER CURB AND GUTTER						41.00								
204				9216	m	CEMENT CONC. BARRIER CURB										151.00	47.00			
205				9229	m	EXTRUDED CURB				127.00		109.00								
206				9231	m	TYPE C PRECAST TRAFFIC CURB									6.00					
207				9235	m	TYPE A BLOCK TRAFFIC CURB	86.00		45.00						164.00					
208				9236	m	TYPE C BLOCK TRAFFIC CURB	5.00		30.00											
209					m	CEMENT CONC. DROP CURB														
210					m	CEMENT CONC. STEP CURB														
211				9260	m	BEAM GUARDRAIL TYPE 1		73.00	105.00											
212				9263	m	BEAM GUARDRAIL TYPE 4														
213				9265	m	BEAM GUARDRAIL TYPE 11														
214				6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 1A			1.00											
215				6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 3														
216				6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 16														
217				6716	EACH	BEAM GUARDRAIL FLARED TERMINAL			1.00											
218				6774	EACH	BEAM GUARDRAIL ANCHOR TYPE 4			1.00											

GROUP LEGEND:	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -  
 SEE FINAL RECORD BOOK 1  
 FOR ACTUAL QUANTITIES**

FOR YOUR INFORMATION  
 PLEASE COPY

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS						
04/29/03	REV. QTYS FOR NUMEROUS ITEMS, REV. UNIT FOR ITEM 320	JDS						
DATE	REVISION	BY	CONTRACT NO					
			006549					

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ14**  
SHEET  
17  
OF  
1152  
SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6				
							TDL1 LINE 1-000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R / W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R / W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES				
<b>EROSION CONTROL AND PLANTING</b>																					
174				6403	DAY	ESC LEAD		63.00	55.00	100.00	100.00		5.00								
175				9094	ha	SEEDING, FERTILIZING, AND MULCHING		1.00													
176				9141	m2	PLASTIC COVERING															
177				9148	m	CHECK DAM		84.00													
178				9149	m2	STABILIZED CONSTRUCTION ENTRANCE															
179				6469	EACH	TIRE WASH			1.00												
180					EACH	FURNISH STREET SWEEPER															
181				6470	HOURL	STREET CLEANING							830.00								
182				6471	EACH	INLET PROTECTION		29.00	13.00		11.00										
183				9150	m	SILT FENCE															
184				6490	DOL	EROSION/WATER POLLUTION CONTROL		16,000.00						4,000.00							
185					m	CONSTRUCTION FENCE															
186	LUMP SUM		LUMP SUM		L.S.	TEMPORARY POND RISER, CONNECTIONS AND SEDIMENT BARRIER															
187					EACH	TEMPORARY STORMWATER RUNOFF STORAGE TANK															
188					m3	MUD PALLIATIVE			100.00												
189				9080	m3	TOPSOIL TYPE B															
190				6552	EACH	PSIPE GIANT SEQUOIA B&B 1.22 M HT.		42.00						1.00							
191				6552	EACH	PSIPE PIN OAK B&B, 38.10 MM CALIPER															
192				7800	EACH	DELETED ITEM															
193				6552	EACH	PSIPE WHITE ROCKROSE #1 CONTAINER															
194				7800	EACH	DELETED ITEM															
195				6552	EACH	PSIPE KELSEY RED OSIER DOGWOOD #1 CONTAINER		101.00						452.00							
196				6552	EACH	PSIPE SNOWBERRY #1 CONTAINER		279.00													
197				6552	EACH	PSIPE SLOUGH SEDGE #1 CONTAINER															
198				6552	EACH	PSIPE SOFT RUSH #1 CONTAINER															
199				6806	DOL	PLANT ESTABLISHMENT - SECOND YEAR		10,350.00			2,800.00		1,000.00								
200				6608	DOL	PLANT ESTABLISHMENT - THIRD YEAR		6,210.00			2,100.00		600.00								
201				9188	m3	BARK OR WOOD CHIP MULCH		524.00			3.00	4.00	96.00								
202					ha	BIOFILTRATION SEED MIX AND WILDFLOWER SEED MIX															
<b>TRAFFIC</b>																					
203				9215	m	CEMENT CONC. BARRIER CURB AND GUTTER			49.00	158.00	214.00	149.00									
204				9216	m	CEMENT CONC. BARRIER CURB															
205				9229	m	EXTRUDED CURB				21.00	85.00										
206				9231	m	TYPE C PRECAST TRAFFIC CURB			162.00				223.00								
207				9235	m	TYPE A BLOCK TRAFFIC CURB															
208				9236	m	TYPE C BLOCK TRAFFIC CURB															
209					m	CEMENT CONC. DROP CURB				125.00											
210					m	CEMENT CONC. STEP CURB					41.00										
211				9260	m	BEAM GUARDRAIL TYPE 1															
212				9263	m	BEAM GUARDRAIL TYPE 4															
213				9265	m	BEAM GUARDRAIL TYPE 11															
214				6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 1A															
215				6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 3															
216				6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 16															
217				6716	EACH	BEAM GUARDRAIL FLARED TERMINAL															
218				6774	EACH	BEAM GUARDRAIL ANCHOR TYPE 4															

GROUP LEGEND:

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)
2	405	1700CT	*	COB, SOUND TRANSIT, COB (TIB)
3	405	174302	**	PSE
4	405	174302	**	COB, COB (TIB)
5	405	174302	**	AT&T
6	405	174302	**	STATE

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

FOR USE ONLY  
PLANS ONLY

04/02/03 REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03 REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/19/03 REV. QTY'S FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03 REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS						
04/29/03 REV. QTY'S FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS						
DATE	REVISION	BY		CONTRACT NO.			
				006549			

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ15**

SHEET  
18  
OF  
1152  
SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

3/31/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1				
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086	CR LINE 10+000 TO 10+167	BR LINE 15+000 TO 15+357	GR LINE 0+999 TO 1+249	
219	6.00		6.00	6765	EACH	BEAM GUARDRAIL ANCHOR TYPE 7														2.00			
220	96.00		96.00	9300	m	PRECAST CONC. BARRIER TYPE 2														96.00			
221	967.00		967.00	9300	m	PRECAST CONC. BARRIER TYPE 4	229.00	689.00											49.00				
222	1621.80		1621.80		m	CAST-IN-PLACE CONC. BARRIER TYPE 2A	320.00	40.00	354.50			43.00	424.60							439.70			
223	526.20		526.20		m	CAST-IN-PLACE CONC. BARRIER TYPE 2B	288.10	68.30				120.80	32.00							17.00			
224	309.00		309.00		m	CAST-IN-PLACE CONC. BARRIER TYPE 2C	99.00													180.00			
225	8.80		8.80		m	CAST-IN-PLACE CONC. BARRIER TYPE 2D																	
226	228.80		228.80		m	CAST-IN-PLACE CONC. BARRIER TYPE 2E						30.10	152.40						46.30				
227	8.00		8.00		EACH	MODIFIED CAST-IN-PLACE CONC. BARRIER LT. STANDARD SECT.	5.00		3.00														
228	2.00		2.00		EACH	CAST-IN-PLACE CONC. BARRIER TSP POLE SECTION	1.00		1.00														
229	5454.00	98.00	5356.00	9308	m	TEMPORARY CONC. BARRIER	259.00	80.00			630.00	272.00	214.00	83.00	194.00				1,112.00	187.00	489.00	232.00	
230	8.00		8.00	7440	EACH	TEMPORARY IMPACT ATTENUATOR							1.00		1.00						1.00	1.00	
231	5.00		5.00	7442	EACH	PERMANENT IMPACT ATTENUATOR	2.00	1.00					1.00									1.00	
232	20000.00		20000.00	7444	DOL	REPAIR IMPACT ATTENUATOR																	
233	8.00		8.00	7445	EACH	RESETTING IMPACT ATTENUATOR	1.00													2.00		1.00	
234	LUMP SUM		LUMP SUM		L.S.	DELIVERY AND PLACEMENT OF QMB	L.S.	L.S.															
235				7800	EACH	DELETED ITEM																	
236	LUMP SUM		LUMP SUM		L.S.	TTV MOBILIZATION	L.S.	L.S.															
237	175000.00		175000.00		m	MOVING QMB WITH TTV	87,500.00	87,500.00															
238	7000.00		7000.00		DOL	FORCE ACCOUNT REPLACEMENT PARTS FOR TTV	3,500.00	3,500.00															
239	8.00		8.00	7447	EACH	TRUCK MOUNTED IMPACT ATTENUATOR	1.00	4.00															
240	6000.00		6000.00	7449	HOURL	OPERATION OF TRUCK MOUNTED IMPACT ATTENUATOR	1,500.00	1,675.00					200.00	200.00	200.00	200.00	200.00	200.00	275.00	200.00	200.00	275.00	
241	27708.00	1023.00	26686.00	9321	m	PAINT LINE	611.00	85.00			1,016.00	310.00	138.00	149.00	195.00				3,471.00	334.00	1,155.00	292.00	
242	17342.00		17342.00	9324	m	PROFIED PLASTIC LINE	3,615.00	3,548.00	981.00	972.00	330.00	1,260.00	833.00	712.00	302.00	350.00	452.00	436.00	1,352.00	239.00	166.00	339.00	
243	325.00		325.00	9329	m	PROFIED PLASTIC DROP LANE LINE		253.00					37.00							35.00			
244	10471.00		10471.00	9330	m	PAINTED WIDE LINE		220.00				70.00	70.00	115.00					906.00	134.00	513.00	274.00	
245	8562.00		8562.00	9339	m	PROFIED PLASTIC WIDE LINE	1,936.00	3,767.00	266.00	308.00		449.00	237.00	40.00	23.00	41.00	54.00	239.00	473.00	163.00	96.00	181.00	
246	87.00		87.00	9342	m	PROFIED PLASTIC DOTTED WIDE LINE															87.00		
247	193.00		193.00	9345	m	PROFIED PLASTIC SKIP WIDE LINE						129.00							16.00		16.00	15.00	
248	157.00	100.00	57.00		m2	COB PLASTIC CROSSWALK LINE									2.00								
249	13.50		13.50	9350	m	PAINTED STOP LINE															4.50		
250	80.00	7.00	73.00	9351	m	PLASTIC STOP LINE			10.00												4.00	5.00	
251	47.00		47.00	6833	EACH	PLASTIC TRAFFIC ARROW	3.00				4.00							3.00		3.00	4.00	3.00	
252	20.00	20.00			EACH	COB PLASTIC TRAFFIC ARROW																	
253	25.00	12.00	13.00	6860	EACH	PAINTED TRAFFIC ARROW																4.00	
254	82.00	7.00	75.00	6871	EACH	PLASTIC TRAFFIC LETTER					4.00										11.00	4.00	
255	50.00		50.00	9364	EACH	PAINTED HOV LANE SYMBOL TYPE 1																1.00	
256	12.00		12.00	9365	EACH	PLASTIC HOV LANE SYMBOL TYPE 1	5.00	7.00															
257	39.00	3.00	36.00	9365	EACH	PLASTIC HOV LANE SYMBOL TYPE 2			8.00	8.00								4.00		3.00		4.00	
258	71.00		71.00	9371	EACH	PLASTIC DRAINAGE MARKING	6.00	10.00		2.00	2.00	12.00	2.00	8.00			2.00	2.00	6.00	5.00	2.00	4.00	4.00
259	106.63	30.91	75.72	6882	HUND	RAISED PAVEMENT MARKER TYPE 1	2.96	1.91	2.04	1.67		0.61								2.28			
260	36.64	5.17	31.47	6884	HUND	RAISED PAVEMENT MARKER TYPE 2	1.27	2.16	1.31	1.62	0.06	0.97	0.22	0.04	0.03	0.07	0.09	0.09	2.01	0.06	0.14	0.07	
261	LUMP SUM	LUMP SUM	LUMP SUM	6890	L.S.	PERMANENT SIGNING	L.S.	L.S.															
262	LUMP SUM		LUMP SUM	6897	L.S.	SIGN BRIDGE NO. 1																	
263	LUMP SUM		LUMP SUM	6897	L.S.	SIGN BRIDGE NO. 2																	
264	LUMP SUM		LUMP SUM	6897	L.S.	SIGN BRIDGE NO. 3						L.S.											
265	LUMP SUM		LUMP SUM	6897	L.S.	SIGN BRIDGE NO. 4																	
266	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 1																	
267	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 2																L.S.	

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	495	174302	**	SOUND TRANSIT.FEDERAL (ACSTPUL),FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -**  
**SEE FINAL RECORD BOOK 1**  
**FOR ACTUAL QUANTITIES**

FOR "AS CONSTRUCTED  
 PLANS" ONLY

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
			10	WA	ACIM-4053(843) ACSTPUL-4053(843)			
					JOB NUMBER			
					02A012/3			
					CONTRACT NO			
					006549			
DATE	REVISION	BY						

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

**SQ16**  
SHEET  
19  
OF  
1152  
SHEETS

SUMMARY OF QUANTITIES







# SUMMARY OF QUANTITIES

DOT\_RGG900

3/31/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6				
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R/W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R/W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES				
219				6765	EACH	BEAM GUARDRAIL ANCHOR TYPE 7															
220				9300	m	PRECAST CONC. BARRIER TYPE 2															
221				9300	m	PRECAST CONC. BARRIER TYPE 4															
222					m	CAST-IN-PLACE CONC. BARRIER TYPE 2A															
223					m	CAST-IN-PLACE CONC. BARRIER TYPE 2B															
224					m	CAST-IN-PLACE CONC. BARRIER TYPE 2C															
225					m	CAST-IN-PLACE CONC. BARRIER TYPE 2D															
226					m	CAST-IN-PLACE CONC. BARRIER TYPE 2E															
227					EACH	MODIFIED CAST-IN-PLACE CONC. BARRIER LT. STANDARD SECT.															
228					EACH	CAST-IN-PLACE CONC. BARRIER TSP POLE SECTION															
229				9308	m	TEMPORARY CONC. BARRIER				124.00		98.00									
230				7440	EACH	TEMPORARY IMPACT ATTENUATOR			1.00												
231				7442	EACH	PERMANENT IMPACT ATTENUATOR															
232				7444	DOL	REPAIR IMPACT ATTENUATOR														20,000.00	
233				7445	EACH	RESETTING IMPACT ATTENUATOR															
234	LUMP SUM		LUMP SUM		L.S.	DELIVERY AND PLACEMENT OF QMB															
235				7800	EACH	DELETED ITEM															
236	LUMP SUM		LUMP SUM		L.S.	TTV MOBILIZATION															
237					m	MOVING QMB WITH TTV															
238					DOL	FORCE ACCOUNT REPLACEMENT PARTS FOR TTV															
239				7447	EACH	TRUCK MOUNTED IMPACT ATTENUATOR															
240				7449	HOURL	OPERATION OF TRUCK MOUNTED IMPACT ATTENUATOR															
241				9321	m	PAINT LINE	218.00		522.00	473.00	10.00	18.00									
242				9324	m	PROFILED PLASTIC LINE															
243				9329	m	PROFILED PLASTIC DROP LANE LINE															
244				9330	m	PAINTED WIDE LINE															
245				9339	m	PROFILED PLASTIC WIDE LINE															
246				9342	m	PROFILED PLASTIC DOTTED WIDE LINE															
247				9345	m	PROFILED PLASTIC SKIP WIDE LINE															
248					m2	COB PLASTIC CROSSWALK LINE			19.00				81.00								
249				9350	m	PAINTED STOP LINE	4.50														
250				9351	m	PLASTIC STOP LINE						7.00									
251				6833	EACH	PLASTIC TRAFFIC ARROW															
252					EACH	COB PLASTIC TRAFFIC ARROW			10.00				10.00								
253				6860	EACH	PAINTED TRAFFIC ARROW			12.00												
254				6871	EACH	PLASTIC TRAFFIC LETTER			7.00												
255				9364	EACH	PAINTED HOV LANE SYMBOL TYPE 1															
256				9365	EACH	PLASTIC HOV LANE SYMBOL TYPE 1															
257				9365	EACH	PLASTIC HOV LANE SYMBOL TYPE 2			1.00				2.00								
258				9371	EACH	PLASTIC DRAINAGE MARKING															
259				6882	HUND	RAISED PAVEMENT MARKER TYPE 1			7.00	5.89	6.72	11.30									
260				6884	HUND	RAISED PAVEMENT MARKER TYPE 2			1.70	1.05	1.12	1.30									
261	LUMP SUM	LUMP SUM	LUMP SUM	6890	L.S.	PERMANENT SIGNING			L.S.	L.S.	L.S.	L.S.									
262	LUMP SUM		LUMP SUM	6897	L.S.	SIGN BRIDGE NO. 1															
263	LUMP SUM		LUMP SUM	6897	L.S.	SIGN BRIDGE NO. 2															
264	LUMP SUM		LUMP SUM	6897	L.S.	SIGN BRIDGE NO. 3															
265	LUMP SUM		LUMP SUM	6897	L.S.	SIGN BRIDGE NO. 4															
266	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 1															
267	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 2															

GROUP LEGEND:

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT.FEDERAL (ACSTPUL),FEDERAL (ACIM)
2	405	1700CT	*	COB,SOUND TRANSIT,COB (TIB)
3	405	174302	**	PSE
4	405	174302	**	COB,COB (TIB)
5	405	174302	**	AT&T
6	405	174302	**	STATE

**PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

**FOR "AS SHOWN" PLANS ONLY**

04/02/03 REVISED AS SHADED	JDS	REGION 10	STATE WA	FEDERAL AID PROJECT. NO. ACIM-4053(843) ACSTPUL-4053(843)	Washington State Department of Transportation	1405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.	SQ18 SHEET 21 OF 1152 SHEETS
DATE	REVISION	BY	CONTRACT NO. 006549			SUMMARY OF QUANTITIES	









# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6						
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R/W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R7W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES						
268	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 3																	
269	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 4																	
270	LUMP SUM	LUMP SUM		6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 5			L.S.														
271	LUMP SUM	LUMP SUM		6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 6							L.S.										
272	LUMP SUM	LUMP SUM		6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 7							L.S.										
273	LUMP SUM		LUMP SUM	6899	L.S.	BRIDGE MOUNTED SIGN BRACKET NO. 1																	
274	LUMP SUM		LUMP SUM	6899	L.S.	BRIDGE MOUNTED SIGN BRACKET NO. 3																	
275	LUMP SUM		LUMP SUM	6899	L.S.	BRIDGE MOUNTED SIGN BRACKET NO. 4																	
276				9335	m2	SIGN COVERING																	
277	LUMP SUM		LUMP SUM	6903	L.S.	TEMPORARY ILLUMINATION SYSTEM																	
278	LUMP SUM	LUMP SUM	LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM SAS 4887				L.S.	L.S.												
279	LUMP SUM		LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM SAS 4888																	
280	LUMP SUM		LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM SAS 3168																	
281	LUMP SUM		LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM SUA 924																	
282	LUMP SUM		LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM SUA 925																	
283	LUMP SUM		LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM SUA 845																	
284	LUMP SUM	LUMP SUM		6904	L.S.	ILLUMINATION SYSTEM SAS 4937								L.S.									
285	LUMP SUM	LUMP SUM			L.S.	TRAFFIC SIGNAL SYSTEM, COMPLETE NE 8TH ST/112TH AVE NE								L.S.									
286	LUMP SUM		LUMP SUM		L.S.	TRAFFIC SIGNAL SYSTEM, COMPLETE NE 4 ST/NB I-405 RAMP																	
287	LUMP SUM		LUMP SUM		L.S.	TRAFFIC SIGNAL SYSTEM, COMPLETE NE 4 ST/SB I-405 RAMP																	
288	LUMP SUM	LUMP SUM			L.S.	TRAFFIC SIGNAL SYSTEM, COMPLETE NE 6 ST/112TH AVE NE			L.S.														
289	LUMP SUM		LUMP SUM		L.S.	TRAFFIC SIGNAL SYSTEM, COMPLETE NE 6 ST/I-405 RAMP																	
290	LUMP SUM	LUMP SUM			L.S.	TRAFFIC SIGNAL SYSTEM, COMPLETE NE 10 ST/112 AVE NE								L.S.									
291					EACH	LOOP REPLACEMENT TYPE R1			7.00														
292					DOL	FORCE ACCOUNT LOOP TESTING			1,000.00														
293				6954	EACH	TRAFFIC SAFETY DRUM			50.00	38.00			70.00										
294				6956	HOUR	SEQUENTIAL ARROW SIGN			100.00	17,520.00			890.00										
295				6994	EACH	PORTABLE CHANGEABLE MESSAGE SIGN																	
296				6995	HOUR	OPERATION OF PORTABLE CHANGEABLE MESSAGE SIGN																	
297				6958	EACH	TYPE III BARRICADE			2.00	2.00			6.00										
298	LUMP SUM	LUMP SUM	LUMP SUM	6964	L.S.	TEMPORARY TRAFFIC CONTROL DEVICES			L.S.	L.S.	L.S.		L.S.										
299					DOL	FORCE ACCOUNT ROLLING SLOWDOWN																	
300				6979	HOUR	TRAFFIC CONTROL LABOR			100.00				1,200.00										
301				6968	DAY	TRAFFIC CONTROL VEHICLE																	
302				6972	HOUR	TRAFFIC CONTROL SUPERVISOR			30.00				500.00										
303				9398	m2	CONSTRUCTION SIGNS CLASS A			10.00				15.00										
304	LUMP SUM	LUMP SUM	LUMP SUM		L.S.	TEMPORARY ITS SYSTEM					L.S.												
305	LUMP SUM		LUMP SUM		L.S.	TRAFFIC DATA ACCUMULATION & RAMP METERING SYSTEM																	
306	LUMP SUM		LUMP SUM		L.S.	CLOSED CIRCUIT TELEVISION SYSTEM																	
307	LUMP SUM		LUMP SUM		L.S.	COMMUNICATION CABLES & INTERFACES																	
308	LUMP SUM		LUMP SUM		L.S.	VIDEO, VOICE & DATA DISTRIBUTION & TRANSMISSION SYSTEM																	
309	LUMP SUM		LUMP SUM		L.S.	COMMUNICATION CONDUIT SYSTEM																	
310	LUMP SUM		LUMP SUM		L.S.	VARIABLE MESSAGE SIGN																	
311	LUMP SUM		LUMP SUM		L.S.	HIGHWAY ADVISORY RADIO SYSTEM																	
312					m	DIRECTIONAL BORING																	
						OTHER ITEMS																	
313				7002	DOL	INCENTIVE EARLY COMPL.							50,000.00										
314				9412	m3	STRUCTURE EXCAVATION CLASS B INCL. HAUL			42.00	455.00	1,359.00		41.00				1,895.00						

GROUP LEGEND :		GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
		1	405	174302	**	SOUND TRANSIT FEDERAL (ACSTPUL), FEDERAL (ACIM)
		2	405	1700CT	*	COB, SOUND TRANSIT, COB (TIB)
		3	405	174302	**	PSE
		4	405	174302	**	COB, COB (TIB)
		5	405	174302	**	AT&T
		6	405	174302	**	STATE

**- PRELIMINARY QUANTITIES ONLY -**  
**SEE FINAL RECORD BOOK 1**  
**FOR ACTUAL QUANTITIES**

FOR "AS CONSTRUCTED"  
 PLANS ONLY

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)		
04/16/03	REV. QTY'S FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS			JOB NUMBER		
04/29/03	REV. QTY'S FOR NUMEROUS ITEMS, REV. UNIT FOR ITEM 320	JDS			02A012/5		
					CONTRACT NO		
					006549		
DATE	REVISION	BY					

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ21**  
SHEET  
24  
OF  
1152  
SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1			
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086	CR LINE 10+000 TO 10+167	BR LINE 15+000 TO 15+357	GR LINE 0+999 TO 1+249	
315	12667.00	1105.00	11562.00	9416	m2	SHORING OR EXTRA EXCAVATION CLASS B	1,994.00	2,047.00	195.00	72.00	570.00	1,413.00	28.00	274.00	81.00		26.00	291.00	718.00	126.00	590.00	128.00	
316	1515.00	13.00	1502.00	9431	m3	GRAVEL BACKFILL FOR DRAIN	105.00	219.00				559.00	30.00	25.00			19.00		6.00				
317	17.00		17.00	7029	EACH	PLUGGING EXISTING PIPE	2.00	5.00		1.00				1.00					1.00			3.00	
318	LUMP SUM		LUMP SUM	7037	L.S.	STRUCTURE SURVEYING																	
319	LUMP SUM		LUMP SUM	7038	L.S.	ROADWAY SURVEYING						L.S.	L.S.										
320	4.00		4.00		EACH	COB REMOVABLE BOLLARD																	
321	1918.00	1686.00	232.00		m2	COB CEMENT CONC. SIDEWALK																	74.00
322	121.00	64.00	57.00	9500	m	CHAIN LINK FENCE TYPE 1											57.00						
323	802.00		802.00	9504	m	CHAIN LINK FENCE TYPE 4						651.00					151.00						
324	99.00	5.00	94.00	7097	EACH	END, GATE, CORNER, AND PULL POST FOR CHAIN LINK FENCE						74.00					20.00						
325	106.00		106.00		m	CABLE FENCE						106.00											
326	2697.00		2697.00	9572	m2	STRUCTURAL EARTH WALL	1,046.00	1,350.00															
327	17449.00		17449.00	9585	m3	BACKFILL FOR STRUCTURAL EARTH WALL INCL. HAUL	6,830.00	9,000.00															
328	31.00	17.00	14.00	9605	EACH	CONNECTION TO DRAINAGE STRUCTURE		5.00		1.00				2.00	1.00				1.00				
329	6.00		6.00	3080	EACH	ADJUST MANHOLE			3.00														1.00
330	14.00		14.00	9610	EACH	MANHOLE 1200 MM DIAM. TYPE 1																	
331	2.00		2.00		EACH	MANHOLE 1500 MM DIAM. TYPE 1	1.00				1.00												
332	3.50		3.50	9616	m	MANHOLE ADDITIONAL HEIGHT 1200 MM DIAM. TYPE 1																	
333	39.00	1.00	38.00	3100	EACH	ADJUST CATCH BASIN	6.00	3.00		2.00			1.00	3.00	2.00		1.00		6.00				1.00
334	LUMP SUM		LUMP SUM	7350	L.S.	CLEANING EXISTING DRAINAGE STRUCTURE	L.S.	L.S.			L.S.			L.S.			L.S.					L.S.	
335	904.00		904.00		m	PVC CONDUIT SCH. 80 - 150MM																	
336	1.00		1.00		EACH	INSTALL PRECAST CONCRETE VAULT - 477-LA																	
337	LUMP SUM		LUMP SUM		L.S.	LOCATE SEWER SIPHON																	L.S.
338	LUMP SUM		LUMP SUM		L.S.	LOCATE BURIED POWER																	L.S.
339	LUMP SUM		LUMP SUM		L.S.	LOCATE STORM DRAIN						L.S.											
340	23500.00		23500.00	7715	DOL	FORCE ACCOUNT UTILITY LOCATION	23,500.00																
341	50000.00		50000.00	7715	DOL	FORCE ACCOUNT UTILITY RELOCATION	50,000.00																
342	6000.00		6000.00	7400	HOUR	TRAINING																	
343	75000.00		75000.00	7480	DOL	ROADSIDE CLEANUP																	
344	LUMP SUM		LUMP SUM	7490	L.S.	TRIMMING AND CLEANUP																	
345	10000.00		10000.00	9597	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE																	
346	15000.00		15000.00	7728	DOL	MINOR CHANGE																	
347	LUMP SUM		LUMP SUM	7736	L.S.	SPCC PLAN																	
348	LUMP SUM		LUMP SUM	7500	L.S.	FIELD OFFICE BUILDING																	
349	4185.00	160.00	4025.00	9735	m2	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	745.00	1,775.00				513.00	280.00	230.00		6.00	249.00		24.00				6.00
350	-25000.00		-25000.00		DOL	SHARED DRB COST - CREDIT																	
351	765.00		765.00		EACH	STAINLESS STEEL CLAD DOWEL BAR			210.00	555.00													
352	105.00		105.00	9255	m	BEAM GUARDRAIL TYPE 1 - 3.3 M LONG POST																	105.00
353	310.00	51.00	259.00	9123	m3	COMPOST																	
354	2170.00		2170.00	9151	m	COMPOST BERM																	
355	26.00		26.00	6552	EACH	PSIPE INCENSE CEDAR, 1.22M HT.,																	
356	4740.00		4740.00	6552	EACH	PSIPE CORALBERRY, #1 CONT.																	
357	1081.00		1081.00	6552	EACH	PSIPE DOUGLAS FIR, 600MM HT., #1 CONT.																	
358	1175.00	15.00	1160.00	6552	EACH	PSIPE INCENSE CEDAR, 600MM HT., #1 CONT.																	
359	682.00		682.00	6552	EACH	PSIPE NORWAY MAPLE, 1.5M HT., #5 CONT.																	
360	155.00		155.00	6552	EACH	PSIPE OREGAON ASH, 1.5M HT., #5 CONT.																	
361	17.00	12.00	5.00	6552	EACH	PSIPE SWEETGUM, 3M HT., B&B																	
362	838.00		838.00	6552	EACH	PSIPE WESTERN RED CEDAR, 600MM HT., #1 CONT.																	
363	315.00		315.00	6552	EACH	PSIPE BEAKED HAZELNUT, 450MM HT., #1 CONT.																	

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT.FEDERAL (ACSTPUL),FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -  
 SEE FINAL RECORD BOOK 1  
 FOR ACTUAL QUANTITIES**

**FOR "AS CONSTRUCTED  
 PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03	REV. QTY'S FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS						
04/29/03	REV. QTY'S FOR NUMEROUS ITEMS, REV. UNIT FOR ITEM 320	JDS						
DATE	REVISION	BY			CONTRACT NO			
					006549			

Washington State  
Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ21A**  
  
SHEET  
24A  
OF  
1152  
SHEETS





# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6					
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R/W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R/W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES					
315				9416	m2	SHORING OR EXTRA EXCAVATION CLASS B			31.00	271.00	803.00				1,951.00							
316				9431	m3	GRAVEL BACKFILL FOR DRAIN			6.00		4.00	3.00										
317				7029	EACH	PLUGGING EXISTING PIPE																
318	LUMP SUM		LUMP SUM	7037	L.S.	STRUCTURE SURVEYING																
319	LUMP SUM	LUMP SUM	LUMP SUM	7038	L.S.	ROADWAY SURVEYING			L.S.	L.S.	L.S.	L.S.										
320					EACH	COB REMOVABLE BOLLARD																
321					m2	COB CEMENT CONC. SIDEWALK			277.00	364.00	383.00	662.00										
322				9500	m	CHAIN LINK FENCE TYPE 1						64.00										
323				9504	m	CHAIN LINK FENCE TYPE 4																
324				7097	EACH	END, GATE, CORNER, AND PULL POST FOR CHAIN LINK FENCE						5.00										
325					m	CABLE FENCE																
326				9572	m2	STRUCTURAL EARTH WALL																
327				9585	m3	BACKFILL FOR STRUCTURAL EARTH WALL INCL. HAUL																
328				9605	EACH	CONNECTION TO DRAINAGE STRUCTURE			1.00	4.00	9.00	3.00										
329				3080	EACH	ADJUST MANHOLE																
330				9610	EACH	MANHOLE 1200 MM DIAM. TYPE 1									12.00							
331					EACH	MANHOLE 1500 MM DIAM. TYPE 1																
332				9616	m	MANHOLE ADDITIONAL HEIGHT 1200 MM DIAM. TYPE 1									3.50							
333				3100	EACH	ADJUST CATCH BASIN			1.00													
334	LUMP SUM	LUMP SUM	LUMP SUM	7350	L.S.	CLEANING EXISTING DRAINAGE STRUCTURE			L.S.			L.S.										
335					m	PVC CONDUIT SCH. 80 - 150MM								904.00								
336					EACH	INSTALL PRECAST CONCRETE VAULT - 477-LA										1.00						
337	LUMP SUM		LUMP SUM		L.S.	LOCATE SEWER SIPHON																
338	LUMP SUM		LUMP SUM		L.S.	LOCATE BURIED POWER																
339	LUMP SUM		LUMP SUM		L.S.	LOCATE STORM DRAIN																
340				7715	DOL	FORCE ACCOUNT UTILITY LOCATION																
341				7715	DOL	FORCE ACCOUNT UTILITY RELOCATION																
342				7400	HOUR	TRAINING																
343				7480	DOL	ROADSIDE CLEANUP																
344	LUMP SUM		LUMP SUM	7490	L.S.	TRIMMING AND CLEANUP																
345				9597	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE															10,000.00	
346				7728	DOL	MINOR CHANGE																
347	LUMP SUM		LUMP SUM	7736	L.S.	SPPC PLAN																
348	LUMP SUM		LUMP SUM	7500	L.S.	FIELD OFFICE BUILDING																
349				9735	m2	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE			77.00		44.00	39.00										
350					DOL	SHARED DRB COST - CREDIT																
351					EACH	STAINLESS STEEL CLAD DOWEL BAR																
352				9255	m	BEAM GUARDRAIL TYPE 1 - 3.3 M LONG POST																
353				9123	m3	COMPOST			259.00			51.00										
354				9151	m	COMPOST BERM			2,170.00													
355				6552	EACH	PSIPE INCENSE CEDAR, 1.22M HT.,																
356				6552	EACH	PSIPE CORALBERRY, #1 CONT.																
357				6552	EACH	PSIPE DOUGLAS FIR, 600MM HT., #1 CONT.			1,081.00													
358				6552	EACH	PSIPE INCENSE CEDAR, 600MM HT., #1 CONT.			1,160.00			15.00										
359				6552	EACH	PSIPE NORWAY MAPLE, 1.5M HT., #5 CONT.			682.00													
360				6552	EACH	PSIPE OREGAON ASH, 1.5M HT., #5 CONT.			155.00													
361				6552	EACH	PSIPE SWEETGUM, 3M HT., B&B			5.00			12.00										
362				6552	EACH	PSIPE WESTERN RED CEDAR, 600MM HT., #1 CONT.			838.00													
363				6552	EACH	PSIPE BEAKED HAZELNUT, 450MM HT., #1 CONT.			315.00													

*For Preliminary Quantities Only  
See Final Record Book #1  
for Actual Quantities*

**GROUP LEGEND:**

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)
2	405	1700CT	*	COB, SOUND TRANSIT, COB (TIB)
3	405	174302	**	PSE
4	405	174302	**	COB, COB (TIB)
5	405	174302	**	AT&T
6	405	174302	**	STATE

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

FOR 'AS SHOWN' PLANS ONLY

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03	REV. QTY'S FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS			JOB NUMBER			
04/29/03	REV. QTY'S FOR NUMEROUS ITEMS, REV. UNIT FOR ITEM 320	JDS			02A012/5			
					CONTRACT NO			
DATE	REVISION	BY			006549			

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ21C**  
SHEET  
24C  
OF  
1152  
SHEETS

# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086
364	7.00		7.00	6552	EACH	PSIPE BOSTON IVY, 450MM HT., #2 CONT.													
365	34.00		34.00	6552	EACH	PSIPE BURNING BUSH, 600MM HT., #2 CONT.													
366	1975.00		1975.00	6552	EACH	PSIPE CORALBERRY, 600MM HT., #2 CONT.													
367	235.00		235.00	6552	EACH	PSIPE OREGON GRAPE, 450MM HT., #1 CONT.													
368	1723.00		1723.00	6552	EACH	PSIPE PACIFIC WAX MYRTLE, 450MM HT., #1 CONT.													
369	370.00	217.00	153.00	6552	EACH	PSIPE PAVEMENT SERIES ROSE, 300MM HT., B.R.													
370	357.00		357.00	6552	EACH	PSIPE RED TWIG DOGWOOD, 600MM HT., #2 CONT.													
371	400.00	209.00	191.00	6552	EACH	PSIPE ROCKROSE, 600MM HT., #2 CONT.													
372	235.00		235.00	6552	EACH	PSIPE VINE MAPLE, 900MM HT., #2 CONT.													
373	124.00		124.00	6552	EACH	PSIPE YELLOW TWIG DOGWOOD, 450MM HT, #1 CONT.													
374	930.00	85.00	845.00	9160	m3	SOIL AMENDMENT													
375	LUMP SUM		LUMP SUM	6886	L.S.	CANTILEVER SIGN STRUCTURE NO. 8													
376	LUMP SUM		LUMP SUM		L.S.	REDUCED EMISSION													
377	LUMP SUM		LUMP SUM		L.S.	IMPERVIOUS CURB, COVER AND PIPE													
378	LUMP SUM		LUMP SUM		L.S.	PERMANENT EROSION CONTROL SLOPE													
379	LUMP SUM		LUMP SUM		L.S.	PERMANENT EROSION CONTROL SLOPE													
380	LUMP SUM		LUMP SUM		L.S.	PIPE BELLOWS END IS 1/2" DIA. 1/2" DIA. 1/2" DIA.													
381	LUMP SUM		LUMP SUM		L.S.	PIPE BELLOWS END IS 1/2" DIA. 1/2" DIA. 1/2" DIA.													
382	LUMP SUM		LUMP SUM		L.S.	PIPE BELLOWS END IS 1/2" DIA. 1/2" DIA. 1/2" DIA.													
383	LUMP SUM		LUMP SUM		L.S.	PIPE BELLOWS END IS 1/2" DIA. 1/2" DIA. 1/2" DIA.													
384	LUMP SUM		LUMP SUM		L.S.	TOPSOIL TYPE A													
385	LUMP SUM		LUMP SUM		L.S.	IRRIGATION SYSTEM													

*For Preliminary Quantities Only  
See Final Record Book # 1  
for Actual Quantities*

FOR "AS SUBMITTED"  
ITEMS ONLY

GROUP LEGEND:	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS						
04/29/03	REV. QTYS FOR NUMEROUS ITEMS; REV. UNIT FOR ITEM 320	JDS						
DATE	REVISION	BY			CONTRACT NO			
					006549			

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ21D**  
SHEET  
24D  
OF  
1152  
SHEETS





# SUMMARY OF QUANTITIES

DOT\_RGG900

4/28/2003

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6					
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R/W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R/W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES					
364				6552	EACH	PSIPE BOSTON IVY, 450MM HT., #2 CONT.		7.00														
365				6552	EACH	PSIPE BURNING BUSH, 600MM HT., #2 CONT.		34.00														
366				6552	EACH	PSIPE CORALBERRY, 600MM HT., #2 CONT.		1,975.00														
367				6552	EACH	PSIPE OREGON GRAPE, 450MM HT., #1 CONT.		235.00														
368				6552	EACH	PSIPE PACIFIC WAX MYRTLE, 450MM HT., #1 CONT.		1,723.00														
369				6552	EACH	PSIPE PAVEMENT SERIES ROSE, 300MM HT., B.R.		153.00					217.00									
370				6552	EACH	PSIPE RED TWIG DOGWOOD, 600MM HT., #2 CONT.		357.00														
371				6552	EACH	PSIPE ROCKROSE, 600MM HT., #2 CONT.		191.00					209.00									
372				6552	EACH	PSIPE VINE MAPLE, 900MM HT., #2 CONT.		235.00														
373				6552	EACH	PSIPE YELLOW TWIG DOGWOOD, 450MM HT., #1 CONT.		124.00														
374				9160	m3	SOIL AMENDMENT		845.00					85.00									
375	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 8																
376	LUMP SUM		LUMP SUM		L.S.	RELOCATE BANK SIGN																
377				7047	EACH	MONUMENT CASE COVER AND PIPE																
378					EACH	COB MONUMENT CASE AND COVER			3.00	3.00	2.00	2.00										
379				9140	m2	PERMANENT EROSION CONTROL BLANKET																
380				6552	EACH	PSIPE RED OAK B&B 38.1MM CALIPER						3.00										
381				6552	EACH	PSIPE ARMSTRONG RED MAPLE B&B 38.1MM CALIPER																
382				6552	EACH	PSIPE JAPANESE BARBERRY 427.2MM HT.						27.00										
383				6552	EACH	PSIPE WHITE CREEPER 152.4MM HT.						1,120.00										
384				9075	m3	TOPSOIL TYPE A						18.00	4.00									
385	LUMP SUM		LUMP SUM	6071	L.S.	IRRIGATION SYSTEM																

*For Preliminary Quantities Only  
See Final Record Book #1  
for Final Quantities.*

FOR "AS CONSTRUCTED  
PLANS" ONLY

**- PRELIMINARY QUANTITIES ONLY -  
SEE FINAL RECORD BOOK 1  
FOR ACTUAL QUANTITIES**

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)
2	405	1700CT	*	COB, SOUND TRANSIT, COB (TIB)
3	405	174302	**	PSE
4	405	174302	**	COB, COB (TIB)
5	405	174302	**	AT&T
6	405	174302	**	STATE

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03	REV. QTY'S FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS			JOB NUMBER			
04/29/03	REV. QTY'S FOR NUMEROUS ITEMS, REV. UNIT FOR ITEM 320	JDS			02A012/5			
					CONTRACT NO			
					006549			
DATE	REVISION	BY						

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ21F**

SHEET  
24F  
OF  
1152  
SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086	CR LINE 10+000 TO 10+167	BR LINE 15+000 TO 15+357
364	7.00		7.00	6552	EACH	PSIPE BOSTON IVY, 450MM HT., #2 CONT.															
365	34.00		34.00	6552	EACH	PSIPE BURNING BUSH, 600MM HT., #2 CONT.															
366	1975.00		1975.00	6552	EACH	PSIPE CORALBERRY, 600MM HT., #1 CONT.															
367	235.00		235.00	6552	EACH	PSIPE OREGON GRAPE, 450MM HT., #1 CONT.															
368	1723.00		1723.00	6552	EACH	PSIPE PACIFIC WAX MYRTLE, 450MM HT., #1 CONT.															
369	370.00	217.00	153.00	6552	EACH	PSIPE PAVEMENT SERIES ROSE, 300MM HT., B.R.															
370	357.00		357.00	6552	EACH	PSIPE RED TWIG DOGWOOD, 600MM HT., #2 CONT.															
371	400.00	209.00	191.00	6552	EACH	PSIPE ROCKROSE, 600MM HT., #2 CONT.															
372	235.00		235.00	6552	EACH	PSIPE VINE MAPLE, 900MM HT., #2 CONT.															
373	124.00		124.00	6552	EACH	PSIPE YELLOW TWIG DOGWOOD, 450MM HT., #1 CONT.															
374	930.00	85.00	845.00	9160	m3	SOIL AMENDMENT															
375	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 8															
376	LUMP SUM	LUMP SUM			L.S.	RELOCATE BANK SIGN															
377	45.00		45.00	7047	EACH	MONUMENT CASE, COVER, AND PIPE															
378	10.00	10.00			EACH	COB MONUMENT, CASE, AND COVER															
379	13000.00		13000.00	9140	m2	PERMANENT EROSION CONTROL BLANKET						2,000.00	500.00	1,000.00	2,000.00	2,000.00			2,000.00		
380	3.00	3.00		6552	EACH	PSIPE RED OAK B&B, 38.10MM CALIPER															
381	7.00		7.00	6552	EACH	PSIPE ARMSTRONG RED MAPLE B&B, 38.1MM CALIPER														7.00	
382	27.00		27.00	6552	EACH	PSIPE JAPANESE BARBERRY, 427.2MM HT.															
383	1120.00	1120.00		6552	EACH	PSIPE WHITE CREEPER, 152.4MM HT.															
384	149.00	22.00	127.00	9075	m3	TOPSOIL TYPE A														127.00	
385	LUMP SUM	LUMP SUM		6071	L.S.	IRRIGATION SYSTEM															
386	1.00		1.00		DOL	CO 2 - REMOVING SIGN T3 39 - FA	1.00														
387	1.00		1.00		DOL	CO 7 - 112TH WATERLINE - FA	1.00														
388					t	CO 16 - TRENCH CSTC															
389					t	CO 16 - TRENCH GRAVEL BORROW															
390	LUMP SUM		LUMP SUM		L.S.	CO 9 - DIGITAL PHOTOS	L.S.														
391	1.00		1.00		DOL	CO 21 - STURTEVENT CREEK PIPE REPAIR - FA	1.00														
392	LUMP SUM		LUMP SUM		L.S.	CO 18 - WATERMAIN PIPE INSULATION	L.S.														
393	LUMP SUM		LUMP SUM		L.S.	CO 19 - INTERIOR SOLDIER PILE PAINTING	L.S.														
394	LUMP SUM		LUMP SUM		L.S.	CO 15 - 114TH AVE. FIRE HYDRANT - FA															
395	LUMP SUM	LUMP SUM			L.S.	CO 6 - 114TH UTILITY CONFLICTS															
396	LUMP SUM		LUMP SUM		L.S.	CO 28 - WATERLINE RESTRIINED JOINTS	L.S.														
397	1.00		1.00		DOL	CO 5 - TEMPORARY SOLDIER PILE IMPACT COSTS - FA	1.00														
398	LUMP SUM		LUMP SUM		L.S.	CO 42 - OVERHEAD POWER OUTAGE	L.S.														
399	10.00		10.00		EACH	CO 42 - POTELCO TRANSMISSION	10.00														
400	1.00		1.00		DOL	CO 26 - CDL STORM DRAINAGE IMPACT	1.00														
401	LUMP SUM		LUMP SUM		L.S.	CO 26 - ASPHALT BERM	L.S.														
402	LUMP SUM	LUMP SUM			L.S.	CO 47 - WATERLINE INSTALLATION ISSUES															
403	LUMP SUM		LUMP SUM		L.S.	CO 43 - INSTALL RAMP METER POLE	L.S.														
404	LUMP SUM		LUMP SUM		L.S.	CO 40 - SALINA'S EXTRA PAY	L.S.														
405	10.00	10.00			EACH	CO 55 - SAMPLE COLLECTION TESTS															
406	10.00	10.00			EACH	CO 55 - ECOLI BACTERIA TEST															
407	10.00	10.00			EACH	CO 55 - PRIMARY SECONDARY DRINKING WATER TESTS															
408	10.00	10.00			EACH	CO 55 - NWDPH-HCID WATER															
409	1.00		1.00		DOL	CO 29 UTILITIES BLOCKOUT CONFLICT	1.00														
410	1.00		1.00		DOL	CO 50 - RAMADA RESTORATION	1.00														
411	1715.00		1715.00		t	CO 48 - PIER 7 BACKFILL	1,715.00														
412	5733.00	5733.00			t	CO 49 - TRENCH CSTC															

*For Preliminary Quantities Only  
See Final Record Book #1  
for Final Quantities*

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT, FEDERAL (ACSTPUL), FEDERAL (ACIM)

**FOR "AS CONSTRUCTED  
PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)	Washington State Department of Transportation	1405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.
04/16/03	REV. QTYs FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS					
04/29/03	REV QTYs FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS					
DATE	REVISION	BY			CONTRACT NO		
					006549		

**SQ25**  
SHEET  
28 OF  
1152  
SHEETS

# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CL/CDL BRIDGE	BL/CDL BRIDGE	N LINE NE 4TH ST. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068	LL LINE 6+854 TO 8+728
364				6552	EACH	PSIPE BOSTON IVY, 450MM HT., #2 CONT.															
365				6552	EACH	PSIPE BURNING BUSH, 600MM HT., #2 CONT.															
366				6552	EACH	PSIPE CORALBERRY, 600MM HT., #2 CONT.															
367				6552	EACH	PSIPE OREGON GRAPE, 450MM HT., #1 CONT.															
368				6552	EACH	PSIPE PACIFIC WAX MYRTLE, 450MM HT., #1 CONT.															
369				6552	EACH	PSIPE PAVEMENT SERIES ROSE, 300MM HT., B.R.															
370				6552	EACH	PSIPE RED TWIG DOGWOOD, 600MM HT., #2 CONT.															
371				6552	EACH	PSIPE ROCKROSE, 600MM HT., #2 CONT.															
372				6552	EACH	PSIPE VINE MAPLE, 900MM HT., #2 CONT.															
373				6552	EACH	PSIPE YELLOW TWIG DOGWOOD, 450MM HT., #1 CONT.															
374				9160	m3	SOIL AMENDMENT															
375	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 8															L.S.
376	LUMP SUM	LUMP SUM			L.S.	RELOCATE BANK SIGN															
377				7047	EACH	MONUMENT CASE, COVER, AND PIPE															45.00
378					EACH	COB MONUMENT, CASE, AND COVER															
379				9140	m2	PERMANENT EROSION CONTROL BLANKET	2,000.00	500.00	1,000.00												
380				6552	EACH	PSIPE RED OAK B&B, 38.10MM CALIPER															
381				6552	EACH	PSIPE ARMSTRONG RED MAPLE B&B, 38.1MM CALIPER															
382				6552	EACH	PSIPE JAPANESE BARBERRY, 427.2MM HT.															
383				6552	EACH	PSIPE WHITE CREEPER, 152.4MM HT.															
384				9075	m3	TOPSOIL TYPE A															
385	LUMP SUM	LUMP SUM		6071	L.S.	IRRIGATION SYSTEM															
386					DOL	CO 2 - REMOVING SIGN T3 39 - FA															
387					DOL	CO 7 - 112TH WATERLINE - FA															
388					t	CO 16 - TRENCH CSTC															
389					t	CO 16 - TRENCH GRAVEL BORROW															
390	LUMP SUM		LUMP SUM		L.S.	CO 9 - DIGITAL PHOTOS															
391					DOL	CO 21 - STURTEVENT CREEK PIPE REPAIR - FA															
392	LUMP SUM		LUMP SUM		L.S.	CO 18 - WATERMAIN PIPE INSULATION															
393	LUMP SUM		LUMP SUM		L.S.	CO 19 - INTERIOR SOLDIER PILE PAINTING															
394	LUMP SUM		LUMP SUM		L.S.	CO 15 - 114TH AVE. FIRE HYDRANT - FA															
395	LUMP SUM	LUMP SUM			L.S.	CO 6 - 114TH UTILITY CONFLICTS															
396	LUMP SUM		LUMP SUM		L.S.	CO 28 - WATERLINE RESTRIINED JOINTS															
397					DOL	CO 5 - TEMPORARY SOLDIER PILE IMPACT COSTS - FA															
398	LUMP SUM		LUMP SUM		L.S.	CO 42 - OVERHEAD POWER OUTAGE															
399					EACH	CO 42 - POTELCO TRANSMISSION															
400					DOL	CO 26 - CDL STORM DRAINAGE IMPACT															
401	LUMP SUM		LUMP SUM		L.S.	CO 26 - ASPHALT BERM															
402	LUMP SUM	LUMP SUM			L.S.	CO 47 - WATERLINE INSTALLATION ISSUES															
403	LUMP SUM		LUMP SUM		L.S.	CO 43 - INSTALL RAMP METER POLE															
404	LUMP SUM		LUMP SUM		L.S.	CO 40 - SALINA'S EXTRA PAY															
405					EACH	CO 55 - SAMPLE COLLECTION TESTS															
406					EACH	CO 55 - ECOLI BACTERIA TEST															
407					EACH	CO 55 - PRIMARY SECONDARY DRINKING WATER TESTS															
408					EACH	CO 55 - NWDPH-HCID WATER															
409					DOL	CO 29 UTILITIES BLOCKOUT CONFLICT															
410					DOL	CO 50 - RAMADA RESTORATION															
411					t	CO 48 - PIER 7 BACKFILL															
412					t	CO 49 - TRENCH CSTC															

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT.FEDERAL (ACSTPUL),FEDERAL (ACIM)

**FOR "AS CONSTRUCTED PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)	Washington State Department of Transportation	1405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS					
04/29/03	REV QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS					
DATE	REVISION	BY			CONTRACT NO.		
					006549		

SQ26  
SHEET  
29 OF  
1152  
SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6						
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R / W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R / W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES						
364				6552	EACH	PSIPE BOSTON IVY, 450MM HT., #2 CONT.		7.00															
365				6552	EACH	PSIPE BURNING BUSH, 600MM HT., #2 CONT.		34.00															
366				6552	EACH	PSIPE CORALBERRY, 600MM HT., #2 CONT.		1,975.00															
367				6552	EACH	PSIPE OREGON GRAPE, 450MM HT., #1 CONT.		235.00															
368				6552	EACH	PSIPE PACIFIC WAX MYRTLE, 450MM HT., #1 CONT.		1,723.00															
369				6552	EACH	PSIPE PAVEMENT SERIES ROSE, 300MM HT., B.R.		153.00					217.00										
370				6552	EACH	PSIPE RED TWIG DOGWOOD, 600MM HT., #2 CONT.		357.00															
371				6552	EACH	PSIPE ROCKROSE, 600MM HT., #2 CONT.		191.00					209.00										
372				6552	EACH	PSIPE VINE MAPLE, 900MM HT., #2 CONT.		235.00															
373				6552	EACH	PSIPE YELLOW TWIG DOGWOOD, 450MM HT, #1 CONT.		124.00															
374				9160	m3	SOIL AMENDMENT		845.00					85.00										
375	LUMP SUM		LUMP SUM	6898	L.S.	CANTILEVER SIGN STRUCTURE NO. 8																	
376	LUMP SUM	LUMP SUM			L.S.	RELOCATE BANK SIGN						L.S.											
377				7047	EACH	MONUMENT CASE, COVER, AND PIPE																	
378					EACH	COB MONUMENT, CASE, AND COVER			3.00	3.00	2.00	2.00											
379				9140	m2	PERMANENT EROSION CONTROL BLANKET																	
380				6552	EACH	PSIPE RED OAK B&B, 38.10MM CALIPER						3.00											
381				6552	EACH	PSIPE ARMSTRONG RED MAPLE B&B, 38.1MM CALIPER																	
382				6552	EACH	PSIPE JAPANESE BARBERRY, 427.2MM HT.						27.00											
383				6552	EACH	PSIPE WHITE CREEPER, 152.4MM HT.						1,120.00											
384				9075	m3	TOPSOIL TYPE A						18.00	4.00										
385	LUMP SUM	LUMP SUM		6071	L.S.	IRRIGATION SYSTEM						L.S.											
386					DOL	CO 2 - REMOVING SIGN T3 39 - FA																	
387					DOL	CO 7 - 112TH WATERLINE - FA																	
388					1	CO 16 - TRENCH CSTC																	
389					1	CO 16 - TRENCH GRAVEL BORROW																	
390	LUMP SUM		LUMP SUM		L.S.	CO 9 - DIGITAL PHOTOS																	
391					DOL	CO 21 - STURTEVENT CREEK PIPE REPAIR - FA																	
392	LUMP SUM		LUMP SUM		L.S.	CO 18 - WATERMAIN PIPE INSULATION																	
393	LUMP SUM		LUMP SUM		L.S.	CO 19 - INTERIOR SOLDIER PILE PAINTING																	
394	LUMP SUM		LUMP SUM		L.S.	CO 15 - 114TH AVE. FIRE HYDRANT - FA					L.S.												
395	LUMP SUM	LUMP SUM			L.S.	CO 6 - 114TH UTILITY CONFLICTS									L.S.								
396	LUMP SUM		LUMP SUM		L.S.	CO 28 - WATERLINE RESTRIINED JOINTS																	
397					DOL	CO 5 - TEMPORARY SOLDIER PILE IMPACT COSTS - FA																	
398	LUMP SUM		LUMP SUM		L.S.	CO 42 - OVERHEAD POWER OUTAGE																	
399					EACH	CO 42 - PATELCO TRANSMISSION																	
400					DOL	CO 26 - CDL STORM DRAINAGE IMPACT																	
401	LUMP SUM		LUMP SUM		L.S.	CO 26 - ASPHALT BERM																	
402	LUMP SUM	LUMP SUM			L.S.	CO 47 - WATERLINE INSTALLATION ISSUES									L.S.								
403	LUMP SUM		LUMP SUM		L.S.	CO 43 - INSTALL RAMP METER POLE																	
404	LUMP SUM		LUMP SUM		L.S.	CO 40 - SALINA'S EXTRA PAY																	
405					EACH	CO 55 - SAMPLE COLLECTION TESTS																10.00	
406					EACH	CO 55 - ECOLI BACTERIA TEST																	10.00
407					EACH	CO 55 - PRIMARY SECONDARY DRINKING WATER TESTS																	10.00
408					EACH	CO 55 - NWDPH-HCID WATER																	10.00
409					DOL	CO 29 UTILITIES BLOCKOUT CONFLICT																	
410					DOL	CO 50 - RAMADA RESTORATION																	
411					1	CO 48 - PIER 7 BACKFILL																	
412					1	CO 49 - TRENCH CSTC																	5,733.00

GROUP LEGEND :					
GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS	
1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)	
2	405	1700CT	*	COB,SOUND TRANSIT,COB (TIB)	
3	405	174302	**	PSE	
4	405	174302	**	COB,COB (TIB)	
5	405	174302	**	AT&T	
6	405	174302	**	STATE	

**FOR "AS CONSTRUCTED  
PLANS" ONLY**

04/02/03 REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03 REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03 REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03 REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS						
04/29/03 REV QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS						
DATE	REVISION	BY		CONTRACT NO			
				006549			

Washington State  
Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

**SQ27**  
SHEET  
OF  
1152  
SHEETS

SUMMARY OF QUANTITIES

# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							BAS LINE 99+913 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086	CR LINE 10+000 TO 10+167	BR LINE 15+000 TO 15+357
413	3102.00		3102.00		t	CO 49 - TRENCH GRAVEL BORROW															
414	3262.00		3262.00		t	CO 49 - CSTC															
415	5400.00		5400.00		m3	CO 84 - SPECIAL PEA GRAVEL BLEND	5,400.00														
416	1.00		1.00		DOL	CO 57 - SE 8TH PLANT ESTAB SECOND YEAR	1.00														
417	1.00		1.00		DOL	CO 57 - SE 8TH PLANT ESTAB THIRD YEAR	1.00														
418	1.00		1.00		DOL	CO 86 - TEMPORARY POLES FOR NE 5TH SB RAMPS - FA	1.00														
419	1.00		1.00		L	CO 27 - PVC CRIP INCENTIVE	1.00														
420	LUMP SUM		LUMP SUM		L.S.	CO 27 - DELETE GRS CONDUIT	L.S.														
421	LUMP SUM		LUMP SUM		L.S.	CO 85 - NE 4TH ST P7 SIGNAL MAST ARM ERRORS	L.S.														
422	1.00		1.00		DOL	CO 87 - TEMP MISC ITS - FA	1.00														
423	1.00		1.00		DOL	CO 87 - TEMP MISC SIGNAL - FA	1.00														
424	1.00		1.00		DOL	CO 87 - MISC ELECTRICAL - FA	1.00														
425	LUMP SUM		LUMP SUM		L.S.	CO 73 - J-BOX INSTALLATION	L.S.														
426	1.00		1.00		EACH	CO 73 - TYPE 4 J-BOX LOAD BEARING	1.00														
427	1.00		1.00		EACH	CO 73 - TYPE 6 J-BOX LOAD BEARING	1.00														
428	LUMP SUM		LUMP SUM		L.S.	CO 89 - ATKINSON ENGINEERING	L.S.														
429	LUMP SUM		LUMP SUM		L.S.	CO 88 - B1 EQUITABLE ADJUSTMENT	L.S.														
430	LUMP SUM		LUMP SUM		L.S.	CO 66 - NE 8TH - 112TH ADA RAMP	L.S.														
431	LUMP SUM		LUMP SUM		L.S.	CO 65 - ADDED DECK REBAR 4TH ST. BRIDGE	L.S.														
432	LUMP SUM		LUMP SUM		L.S.	CO 76 - ADDED WORK TO FR RAMP & ER LINE	L.S.														
433	LUMP SUM		LUMP SUM		L.S.	CO 30 - RPM DREDIT	L.S.														
434	4017.00		4017.00		m2	CO 75 - PLANING BITUMINOUS PAVEMENT - SPECIAL															
435	452.00		452.00		TON	CO 75 - ASPHALT CONC PABEMENT CL A - SPECIAL															
436	LUMP SUM		LUMP SUM		L.S.	CO 22 - ROADWAY EXCAVATION ADJUSTMENT	L.S.														
437	LUMP SUM		LUMP SUM		L.S.	CO 34 - GRVL BKFL FOR DRAIN MAT'L SUBT	L.S.														
438	LUMP SUM		LUMP SUM		L.S.	CO 33 - CURING COMPOUNT - CREDIT	L.S.														
439	LUMP SUM		LUMP SUM		L.S.	CO 97 - NEMA BOXES / NE 4TH ST. BRIDGE	L.S.														
440	LUMP SUM		LUMP SUM		L.S.	CO 100 - NE 4TH SIGNAL POLE 3 REVISION	L.S.														
441	LUMP SUM		LUMP SUM		L.S.	CO 93 - NE 6TH SIGNAL POLE 1	L.S.														
442	1.00		1.00		EACH	CO 93 - MSE LUMINARE BASE	1.00														
443	1.00		1.00		DOL	CO 105 - ADD. PORTABLE CHANGEABLE MESSAGE SIGN - FA	1.00														
444	LUMP SUM		LUMP SUM		L.S.	CO 99 - 112TH ADDED PAVING	L.S.														
445	96.00		96.00		HOUR	CO 99 - TCL OT PREMIUMS	96.00														
446	96.00		96.00		HOUR	CO 99 - TCL DT PREMIUMS	96.00														
447	3902.00		3902.00		EACH	CO 91 - NE 6TH EPOXY DOWEL BARS															
448	LUMP SUM		LUMP SUM		L.S.	CO 98 - SIGNAL # 1 AT CL PIER 1	L.S.														
449	10000.00		10000.00		m3	CO 87 - GRAVEL BACKFILL MATERIAL INC HAUL SPECIAL	10,000.00														
450	LUMP SUM		LUMP SUM		L.S.	CO 103 - BL LINE DRAINAGE DR 3-15	L.S.														
451	LUMP SUM		LUMP SUM		L.S.	CO # 111 - SPECIAL PEA GRAVEL BLEND MATERIAL	L.S.														
452	LUMP SUM		LUMP SUM		L.S.	CO 108 - DR 6-8 TYPE 2 MANHOLE	L.S.														
453	LUMP SUM		LUMP SUM		L.S.	CO 62 - EXTRA WELDING	L.S.														
454	4.00		4.00		EACH	CO 62 - CATCH BASIN TYPE 2 1500 MM	4.00														
455	LUMP SUM		LUMP SUM		L.S.	CO 96 - NE 4TH BR. WATERLINE ISSUES	L.S.														
456	LUMP SUM		LUMP SUM		L.S.	CO 117 - NB 405 TEMP BARRIER RESET	L.S.														
457	3048.00		3048.00		m	CO 130 - TEMPORARY PAVEMENT MARKINGS	3,048.00														
458	LUMP SUM		LUMP SUM		L.S.	CO 119 - MSE CANTILEVER SLAB	L.S.														
459	LUMP SUM		LUMP SUM		L.S.	CO 95 - CDL EAST 3 RET WALL REDESIGN	L.S.														
460	LUMP SUM		LUMP SUM		L.S.	CO 116 - BAN EAST 2 PIER 15	L.S.														
461	LUMP SUM		LUMP SUM		L.S.	CO 121 - NE 4TH WATERLINE INSULATION	L.S.														

GROUP LEGEND:	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT.FEDERAL (ACSTPUL),FEDERAL (ACIM)

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)	Washington State Department of Transportation	1405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS			JOB NUMBER 02A012/100		
04/29/03	REV QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS			CONTRACT NO		
DATE	REVISION	BY			006549		SUMMARY OF QUANTITIES

**SQ28**

SHEET  
24 OF  
1152  
SHEETS



# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CL/CDL BRIDGE	BL/CDL BRIDGE	N LINE NE 4TH ST. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068	LL LINE 6+854 TO 8+728
413					t	CO 49 - TRENCH GRAVEL BORROW															
414					t	CO 49 - CSTC															
415					m3	CO 64 - SPECIAL PEA GRAVEL BLEND															
416					DOL	CO 57 - SE 8TH PLANT ESTAB SECOND YEAR															
417					DOL	CO 57 - SE 8TH PLANT ESTAB THIRD YEAR															
418					DOL	CO 86 - TEMPORARY POLES FOR NE 5TH SB RAMPS - FA															
419					L	CO 27 - PVC CRIP INCENTIVE															
420	LUMP SUM		LUMP SUM		L.S.	CO 27 - DELETE GRS CONDUIT															
421	LUMP SUM		LUMP SUM		L.S.	CO 85 - NE 4TH ST P7 SIGNAL MAST ARM ERRORS															
422					DOL	CO 87 - TEMP MISC ITS - FA															
423					DOL	CO 87 - TEMP MISC SIGNAL - FA															
424					DOL	CO 87 - MISC ELECTRICAL - FA															
425	LUMP SUM		LUMP SUM		L.S.	CO 73 - J-BOX INSTALLATION															
426					EACH	CO 73 - TYPE 4 J-BOX LOAD BEARING															
427					EACH	CO 73 - TYPE 6 J-BOX LOAD BEARING															
428	LUMP SUM		LUMP SUM		L.S.	CO 89 - ATKINSON ENGINEERING															
429	LUMP SUM		LUMP SUM		L.S.	CO 88 - B1 EQUITABLE ADJUSTMENT															
430	LUMP SUM		LUMP SUM		L.S.	CO 66 - NE 8TH - 112TH ADA RAMP															
431	LUMP SUM		LUMP SUM		L.S.	CO 65 - ADDED DECK REBAR 4TH ST. BRIDGE															
432	LUMP SUM		LUMP SUM		L.S.	CO 76 - ADDED WORK TO FR RAMP & ER LINE															
433	LUMP SUM		LUMP SUM		L.S.	CO 30 - RPM DREDIT															
434					m2	CO 75 - PLANING BITUMINOUS PAVEMENT - SPECIAL															
435					TON	CO 75 - ASPHALT CONC PABEMENT CL A - SPECIAL															
436	LUMP SUM		LUMP SUM		L.S.	CO 22 - ROADWAY EXCAVATION ADJUSTMENT															
437	LUMP SUM		LUMP SUM		L.S.	CO 34 - GRVL BKFL FOR DRAIN MATL SUBT															
438	LUMP SUM		LUMP SUM		L.S.	CO 33 - CURING COMPOUNT - CREDIT															
439	LUMP SUM		LUMP SUM		L.S.	CO 97 - NEMA BOXES / NE 4TH ST. BRIDGE															
440	LUMP SUM		LUMP SUM		L.S.	CO 100 - NE 4TH SIGNAL POLE 3 REVISION															
441	LUMP SUM		LUMP SUM		L.S.	CO 93 - NE 6TH SIGNAL POLE 1															
442					EACH	CO 93 - MSE LUMINARE BASE															
443					DOL	CO 105 - ADD. PORTABLE CHANGEABLE MESSAGE SIGN - FA															
444	LUMP SUM		LUMP SUM		L.S.	CO 99 - 112TH ADDED PAVING															
445					HOUR	CO 99 - TCL OT PREMIUMS															
446					HOUR	CO 99 - TCL DT PREMIUMS															
447					EACH	CO 91 - NE 6TH EPOXY DOWEL BARS															
448	LUMP SUM		LUMP SUM		L.S.	CO 98 - SIGNAL # 1 AT CL PIER 1															
449					m3	CO 67 - GRAVEL BACKFILL MATERIAL INC HAUL SPECIAL															
450	LUMP SUM		LUMP SUM		L.S.	CO 103 - BL LINE DRAINAGE DR 3-15															
451	LUMP SUM		LUMP SUM		L.S.	CO # 111 - SPECIAL PEA GRAVEL BLEND MATERIAL															
452	LUMP SUM		LUMP SUM		L.S.	CO 108 - DR 6-8 TYPE 2 MANHOLE															
453	LUMP SUM		LUMP SUM		L.S.	CO 62 - EXTRA WELDING															
454					EACH	CO 62 - CATCH BASIN TYPE 2 1500 MM															
455	LUMP SUM		LUMP SUM		L.S.	CO 96 - NE 4TH BR. WATERLINE ISSUES															
456	LUMP SUM		LUMP SUM		L.S.	CO 117 - NB 405 TEMP BARRIER RESET															
457					m	CO 130 - TEMPORARY PAVEMENT MARKINGS															
458	LUMP SUM		LUMP SUM		L.S.	CO 119 - MSE CANTILEVER SLAB															
459	LUMP SUM		LUMP SUM		L.S.	CO 95 - CDL EAST 3 RET WALL REDESIGN															
460	LUMP SUM		LUMP SUM		L.S.	CO 116 - BAN EAST 2 PIER 15															
461	LUMP SUM		LUMP SUM		L.S.	CO 121 - NE 4TH WATERLINE INSULATION															

GROUP LEGEND :	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT.FEDERAL (ACSTPUL),FEDERAL (ACIM)

**FOR "AS CONSTRUCTED PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.			
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)			
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)			
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS			JOB NUMBER			
04/29/03	REV QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS			02A012/100			
					CONTRACT NO			
DATE	REVISION	BY			006549			

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

**SQ29**  
SHEET  
32 *ZK*  
OF  
1152  
SHEETS

SUMMARY OF QUANTITIES

# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6							
							TDL 1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R/W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R/W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES							
413					t	CO 49 - TRENCH GRAVEL BORROW																		
414					t	CO 49 - CSTC																		
415					m3	CO 64 - SPECIAL PEA GRAVEL BLEND																		
416					DOL	CO 57 - SE 8TH PLANT ESTAB SECOND YEAR																		
417					DOL	CO 57 - SE 8TH PLANT ESTAB THIRD YEAR																		
418					DOL	CO 86 - TEMPORARY POLES FOR NE 5TH SB RAMPS - FA																		
419					L	CO 27 - PVC CRIP INCENTIVE																		
420	LUMP SUM		LUMP SUM		L.S.	CO 27 - DELETE GRS CONDUIT																		
421	LUMP SUM		LUMP SUM		L.S.	CO 85 - NE 4TH ST P7 SIGNAL MAST ARM ERRORS																		
422					DOL	CO 87 - TEMP MISC ITS - FA																		
423					DOL	CO 87 - TEMP MISC SIGNAL - FA																		
424					DOL	CO 87 - MISC ELECTRICAL - FA																		
425	LUMP SUM		LUMP SUM		L.S.	CO 73 - J-BOX INSRALLATION																		
426					EACH	CO 73 - TYPE 4 J-BOX LOAD BEARING																		
427					EACH	CO 73 - TYPE 6 J-BOX LOAD BEARING																		
428	LUMP SUM		LUMP SUM		L.S.	CO 89 - ATKINSON ENGINEERING																		
429	LUMP SUM		LUMP SUM		L.S.	CO 88 - B1 EQUITABLE ADJUSTMENT																		
430	LUMP SUM		LUMP SUM		L.S.	CO 66 - NE 8TH - 112TH ADA RAMP																		
431	LUMP SUM		LUMP SUM		L.S.	CO 65 - ADDED DECK REBAR 4TH ST. BRIDGE																		
432	LUMP SUM		LUMP SUM		L.S.	CO 76 - ADDED WORK TO FR RAMP & ER LINE																		
433	LUMP SUM		LUMP SUM		L.S.	CO 30 - RPM DREDIT																		
434					m2	CO 75 - PLANING BITUMINOUS PAVEMENT - SPECIAL																		
435					TON	CO 75 - ASPHALT CONC PABEMENT CL A - SPECIAL																		
436	LUMP SUM		LUMP SUM		L.S.	CO 22 - ROADWAY EXCAVATION ADJUSTMENT																		
437	LUMP SUM		LUMP SUM		L.S.	CO 34 - GRVL BKFL FOR DRAIN MAT'L SUBT																		
438	LUMP SUM		LUMP SUM		L.S.	CO 33 - CURING COMPOUNT - CREDIT																		
439	LUMP SUM		LUMP SUM		L.S.	CO 97 - NEMA BOXES / NE 4TH ST. BRIDGE																		
440	LUMP SUM		LUMP SUM		L.S.	CO 100 - NE 4TH SIGNAL POLE 3 REVISION																		
441	LUMP SUM		LUMP SUM		L.S.	CO 93 - NE 6TH SIGNAL POLE 1																		
442					EACH	CO 93 - MSE LUMINARE BASE																		
443					DOL	CO 105 - ADD. PORTABLE CHANGEABLE MESSAGE SIGN - FA																		
444	LUMP SUM		LUMP SUM		L.S.	CO 99 - 112TH ADDED PAVING																		
445					HOUR	CO 99 - TCL OT PREMIUMS																		
446					HOUR	CO 99 - TCL DT PREMIUMS																		
447					EACH	CO 91 - NE 6TH EPOXY DOWEL BARS																		
448	LUMP SUM		LUMP SUM		L.S.	CO 98 - SIGNAL # 1 AT CL PIER 1																		
449					m3	CO 67 - GRAVEL BACKFILL MATERIAL INC HAUL SPECIAL																		
450	LUMP SUM		LUMP SUM		L.S.	CO 103 - BL LINE DRAINAGE DR 3-15																		
451	LUMP SUM		LUMP SUM		L.S.	CO # 111 - SPECIAL PEA GRAVEL BLEND MATERIAL																		
452	LUMP SUM		LUMP SUM		L.S.	CO 108 - DR 6-8 TYPE 2 MANHOLE																		
453	LUMP SUM		LUMP SUM		L.S.	CO 62 - EXTRA WELDING																		
454					EACH	CO 62 - CATCH BASIN TYPE 2 1500 MM																		
455	LUMP SUM		LUMP SUM		L.S.	CO 96 - NE 4TH BR. WATERLINE ISSUES																		
456	LUMP SUM		LUMP SUM		L.S.	CO 117 - NB 405 TEMP BARRIER RESET																		
457					m	CO 130 - TEMPORARY PAVEMENT MARKINGS																		
458	LUMP SUM		LUMP SUM		L.S.	CO 119 - MSE CANTILEVER SLAB																		
459	LUMP SUM		LUMP SUM		L.S.	CO 95 - CDL EAST 3 RET WALL REDESIGN																		
460	LUMP SUM		LUMP SUM		L.S.	CO 116 - BAN EAST 2 PIER 15																		
461	LUMP SUM		LUMP SUM		L.S.	CO 121 - NE 4TH WATERLINE INSULATION																		

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)
2	405	1700CT	*	COB,SOUND TRANSIT,COB (TIB)
3	405	174302	**	PSE
4	405	174302	**	COB,COB (TIB)
5	405	174302	**	AT&T
6	405	174302	**	STATE

**FOR "AS CONSTRUCTED PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)	Washington State Department of Transportation	1 405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS					
04/29/03	REV. QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS					
DATE	REVISION	BY			006549		

**SQ30**

SHEET  
33 *24*  
OF  
1152  
SHEETS

SUMMARY OF QUANTITIES



# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							BAS LINE 99+813 TO 101+253	BAN LINE 100+000 TO 101+838	BAL LINE 24+962 TO 25+635	BAR LINE 25+022 TO 25+675	CL LINE 5+000 TO 5+240	CDL1 LINE 1+000 TO 1+681	CDL2 LINE 1+700 TO 2+229	GL LINE 0+996 TO 1+230	FL LINE 3+006 TO 3+268	EL LINE 0+984 TO 1+219	DL LINE 1+000 TO 1+278	BL LINE 20+100 TO 20+368	CDR LINE 25+000 TO 26+086	CR LINE 10+000 TO 10+167	BR LINE 15+000 TO 15+357
462	LUMP SUM	LUMP SUM			L.S.	CO 131 - COB GATE VALVE															
463	LUMP SUM		LUMP SUM		L.S.	CO 146 - ADD'L CHAIN LINE FENCE															
464	LUMP SUM		LUMP SUM		L.S.	CO 118 - SB SHOULDER WORK															
465	LUMP SUM		LUMP SUM		L.S.	CO 151 - RELOCATE COB LUMINAIR @ 2ND & 4TH ST															
466	LUMP SUM		LUMP SUM		L.S.	CO 145 - DR6-2 CB TYPE 2															
467	LUMP SUM		LUMP SUM		L.S.	CO 148 - DJ/EL DAMAGED CONDUIT															
468	LUMP SUM		LUMP SUM		L.S.	CO 132 - NE 6TH BRIDGE DOLE PLATES															
469	LUMP SUM		LUMP SUM		L.S.	CO 120 - CANTILEVER 1 AND 8 FOUNDATIONS															
470	LUMP SUM		LUMP SUM		L.S.	CO 135 - VMS ADJUSTMENT															
471	LUMP SUM		LUMP SUM		L.S.	CO 152 - NORTHWEST CASCADE SETTLEMENT															
472	LUMP SUM		LUMP SUM		L.S.	CO 127 - INCA EQUITABLE ADJUSTMENT															
473	LUMP SUM		LUMP SUM		L.S.	CO 136 - NB SR 405 ACP PULVERIZATION															
474	1.00		1.00		DOL	CO 154 - ADDED COB CONDUIT NE 8TH															
475	LUMP SUM		LUMP SUM		L.S.	CO 156 - TRAFFIC SIGNAL PRIORITY ADDITION															
476	1.00		1.00		DOL	CO 157 - ADDED COB CONDUIT NE 6TH ST															
477	LUMP SUM	LUMP SUM			L.S.	CO 159 - NE 8TH ADD'L PIPE INSULATION															
478	LUMP SUM		LUMP SUM		L.S.	CO 115 - COCO'S 114TH DRIVEWAY															
479	LUMP SUM		LUMP SUM		L.S.	CO 155 - BAN LINE UNSUITABLE SUBGRADE															
480	LUMP SUM		LUMP SUM		L.S.	CO 129 - ER RAMP DESIGN MODIFICATION															
481	LUMP SUM		LUMP SUM		L.S.	CO 160 - TEMP CANT 4 FOUNDATION															
482	1.00		1.00		DOL	CO 162 - CANTILEVER # 2 EXTRA WORK - FA															
483	LUMP SUM		LUMP SUM		L.S.	CO 144 - NE 8TH / 112TH ST SAFETY RAILING															
484	LUMP SUM		LUMP SUM		L.S.	CO 106 - CONTRACTOR ENGINEER - BAN E3 WALL															
485	LUMP SUM		LUMP SUM		L.S.	CO 106 - CRIP - BAN E3 WALL															
486	85.00		85.00		m2	CO 106 - CONC. SLOPE PROTECTION															
487	LUMP SUM		LUMP SUM		L.S.	CO 106 - BAN E3 L.S. ITEMS REDUCTION															
488	1.00		1.00		DOL	CO 172 - BR RAMP PEDESTRIAN SAFETY															
489	LUMP SUM		LUMP SUM		L.S.	CO 173 - NE 6TH ST ADD'L PCCP PAVING															
490	1.00		1.00		DOL	NO ITEM, PLACEHOLDER ONLY															
491	LUMP SUM		LUMP SUM		L.S.	CO 164 - REPLACE CONDUIT RUN #80															
492	LUMP SUM		LUMP SUM		L.S.	CO 161 - NE 6TH ADD'L ACP REMOVAL															
493	1.00	1.00			DOL	CO 171 - COB EPOXY - FA															
494	316.75		316.75		l	CO 169 - PROPERTY RESTORATION ALONG 114TH															
495	1.00		1.00		EACH	CO 174 - RECONSTRUCT MANHOLE U2-15															
496	LUMP SUM		LUMP SUM		L.S.	CO 170 - DRAINAGE PIPE REPAIR PROCEDURE															
497	LUMP SUM		LUMP SUM		L.S.	CO 185 - KEYSTONE BLOCK WALL EXTENSION															
498	LUMP SUM		LUMP SUM		L.S.	CO 1 - DR8 - 12A DRAINAGE PLAN CHANGES															
499	LUMP SUM		LUMP SUM		L.S.	CO 180 - OUT OF SPEC PEA GRAVEL															
500	LUMP SUM		LUMP SUM		L.S.	CO 179 - OUT OF SPEC GRAVEL BORROW															
501	LUMP SUM		LUMP SUM		L.S.	CO 188 - AZTECA WALL ALONG 114TH AVE NE															
502	1.00		1.00		DOL	CO 189 - 700 BLDG IRRIGATION REPAIR - FA															
503	5.76		5.76		m2	CO 187 - DWS NEW PEDESTRIAN RAMPS															
504	7.44		7.44		m2	CO 187 - DWS REBUILT PEDESTRIAN RAMPS															
505	LUMP SUM		LUMP SUM		L.S.	CO 198 - NE 4TH ST. UTILITY HANGER															
506	LUMP SUM		LUMP SUM		L.S.	CO 195 - OIW PLAN CHANGES															
507	LUMP SUM		LUMP SUM		L.S.	CO 134 - GR CRIP PAVING AND GRINDING															
508	LUMP SUM		LUMP SUM		L.S.	CO 134 - CONTRACTOR ENGINEER - GR RAMP															
509	LUMP SUM		LUMP SUM		L.S.	CO 134 - CRIP - GR RAMP SAVING															
510	LUMP SUM		LUMP SUM		L.S.	CO 205 - PLANT ADJUSTMENT COSTS															

GROUP LEGEND:	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)

**FOR "AS CONSTRUCTED  
PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)		
04/16/03	REV. QTYs FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS					
04/29/03	REV QTYs FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS					
DATE	REVISION	BY			CONTRACT NO		
					006549		

Washington State  
Department of Transportation

1405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

SUMMARY OF QUANTITIES

**SQ31**  
  
SHEET  
OF  
1152  
SHEETS

# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CL/CDL BRIDGE	BL/CDL BRIDGE	N LINE NE 4TH ST. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068	LL LINE 6+854 TO 8+728
462	LUMP SUM	LUMP SUM			L.S.	CO 131 - COB GATE VALVE															
463	LUMP SUM		LUMP SUM		L.S.	CO 146 - ADD'L CHAIN LINE FENCE															
464	LUMP SUM		LUMP SUM		L.S.	CO 118 - SB SHOULDER WORK															
465	LUMP SUM		LUMP SUM		L.S.	CO 151 - RELOCATE COB LUMINAIR @ 2ND & 4TH ST															
466	LUMP SUM		LUMP SUM		L.S.	CO 145 - DR6-2 CB TYPE 2															
467	LUMP SUM		LUMP SUM		L.S.	CO 148 - DJ/EL DAMAGED CONDUIT															
468	LUMP SUM		LUMP SUM		L.S.	CO 132 - NE 6TH BRIDGE DOLE PLATES															
469	LUMP SUM		LUMP SUM		L.S.	CO 120 - CANTILEVER 1 AND 8 FOUNDATIONS															
470	LUMP SUM		LUMP SUM		L.S.	CO 135 - VMS ADJUSTMENT															
471	LUMP SUM		LUMP SUM		L.S.	CO 152 - NORTHWEST CASCADE SETTLEMENT															
472	LUMP SUM		LUMP SUM		L.S.	CO 127 - INCA EQUITABLE ADJUSTMENT															
473	LUMP SUM		LUMP SUM		L.S.	CO 136 - NB SR 405 ACP PULVERIZATION															
474					DOL	CO 154 - ADDED COB CONDUIT NE 8TH															
475	LUMP SUM		LUMP SUM		L.S.	CO 156 - TRAFFIC SIGNAL PRIORITY ADDITION															
476					DOL	CO 157 - ADDED COB CONDUIT NE 6TH ST															
477	LUMP SUM	LUMP SUM			L.S.	CO 159 - NE 8TH ADD'L PIPE INSULATION															
478	LUMP SUM		LUMP SUM		L.S.	CO 115 - COCO'S 114TH DRIVEWAY															
479	LUMP SUM		LUMP SUM		L.S.	CO 155 - BAN LINE UNSUITABLE SUBGRADE															
480	LUMP SUM		LUMP SUM		L.S.	CO 129 - ER RAMP DESIGN MODIFICATION															
481	LUMP SUM		LUMP SUM		L.S.	CO 160 - TEMP CANT 4 FOUNDATION															
482					DOL	CO 162 - CANTILEVER # 2 EXTRA WORK - FA															
483	LUMP SUM		LUMP SUM		L.S.	CO 144 - NE 8TH / 112TH ST SAFETY RAILING															
484	LUMP SUM		LUMP SUM		L.S.	CO 106 - CONTRACTOR ENGINEER - BAN E3 WALL															
485	LUMP SUM		LUMP SUM		L.S.	CO 106 - CRIP - BAN E3 WALL															
486					m2	CO 106 - CONC. SLOPE PROTECTION															
487	LUMP SUM		LUMP SUM		L.S.	CO 106 - BAN E3 L.S. ITEMS REDUCTION															
488					DOL	CO 172 - BR RAMP PEDESTRIAN SAFETY															
489	LUMP SUM		LUMP SUM		L.S.	CO 173 - NE 6TH ST ADD'L PCCP PAVING															
490					DOL	NO ITEM, PLACEHOLDER ONLY															
491	LUMP SUM		LUMP SUM		L.S.	CO 164 - REPLACE CONDUIT RUN #80															
492	LUMP SUM		LUMP SUM		L.S.	CO 161 - NE 6TH ADD'L ACP REMOVAL															
493					DOL	CO 171 - COB EPOXY - FA															
494					t	CO 169 - PROPERTY RESTORATION ALONG 114TH															
495					EACH	CO 174 - RECONSTRUCT MANHOLE U2-15															
496	LUMP SUM		LUMP SUM		L.S.	CO 170 - DRAINAGE PIPE REPAIR PROCEDURE															
497	LUMP SUM		LUMP SUM		L.S.	CO 185 - KEYSTONE BLOCK WALL EXTENSION															
498	LUMP SUM		LUMP SUM		L.S.	CO 1 - DR8 - 12A DRAINAGE PLAN CHANGES															
499	LUMP SUM		LUMP SUM		L.S.	CO 180 - OUT OF SPEC PEA GRAVEL															
500	LUMP SUM		LUMP SUM		L.S.	CO 179 - OUT OF SPEC GRAVEL BORROW															
501	LUMP SUM		LUMP SUM		L.S.	CO 188 - AZTECA WALL ALONG 114TH AVE NE															
502					DOL	CO 189 - 700 BLDG IRRIGATION REPAIR - FA															
503					m2	CO 187 - DWS NEW PEDESTRIAN RAMPS															
504					m2	CO 187 - DWS REBUILT PEDESTRIAN RAMPS															
505	LUMP SUM		LUMP SUM		L.S.	CO 198 - NE 4TH ST. UTILITY HANGER															
506	LUMP SUM		LUMP SUM		L.S.	CO 195 - OIW PLAN CHANGES															
507	LUMP SUM		LUMP SUM		L.S.	CO 134 - GR CRIP PAVING AND GRINDING															
508	LUMP SUM		LUMP SUM		L.S.	CO 134 - CONTRACTOR ENGINEER - GR RAMP															
509	LUMP SUM		LUMP SUM		L.S.	CO 134 - CRIP - GR RAMP SAVING															
510	LUMP SUM		LUMP SUM		L.S.	CO 205 - PLANT ADJUSTMENT COSTS															

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)

**FOR "AS CONSTRUCTED PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)	Washington State Department of Transportation	1405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS					
04/29/03	REV QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS					
DATE	REVISION	BY			CONTRACT NO 006549	SUMMARY OF QUANTITIES	SQ32 SHEET 35-241J OF 1152 SHEETS









# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	
							FR LINE 0+990 TO 1+214	ER LINE 0+999 TO 1+212	DR LINE 1+000 TO 1+247	CL/CDL BRIDGE	BL/CDL BRIDGE	N LINE NE 4TH ST. BRIDGE NO. 0+100 TO 0+500	NE 4TH ST. BRIDGE NO. 405/42.5	NE 4TH ST. BRIDGE NO. 405/42.5A	NE 4TH ST. BRIDGE NO. 405/42.5B	P LINE NE 6TH ST. BRIDGE NO. 10+227 TO 10+336	NE 6TH ST. BRIDGE	BKL LINE 10+000 TO 10+191	DRV LINE 10+000 TO 10+049	SW LINE 10+000 TO 10+068	LL LINE 6+854 TO 8+728
511	LUMP SUM		LUMP SUM		L.S.	CO 210 - BAN LINE UTILITY CONFLICTS															
512					DOL	CO 201 - HANDRAIL ON 114TH AT AZTECA															
513	LUMP SUM		LUMP SUM		L.S.	CO 181 - GRAVEL BACKFILL FOR DRAIN - CREDIT															
514	LUMP SUM		LUMP SUM		L.S.	CO 193 - BR RAMP GUARDRAIL TYPE II															
515	LUMP SUM		LUMP SUM		L.S.	CO 213 - SE 8TH EXTRA CLEAR & GRUB															
516					m2	CO 204 - ADDITIONAL GRINDING ON NE 4TH ST															
517					TON	CO 204 - ADDITIONAL PAVING ON NE 4TH ST															
518	LUMP SUM		LUMP SUM		L.S.	CO 178 - CRIP - BAS SAWCUTTING															
519	LUMP SUM		LUMP SUM		L.S.	CO 178 - CONTRACTOR ENGINEERING - FL & BAS															
520	LUMP SUM		LUMP SUM		L.S.	CO 178 - CRIP - GL & SAVINGS															
521	LUMP SUM		LUMP SUM		L.S.	CO 209 - SB 405 MEDIAN SHOULDER REBUILD															
522	LUMP SUM		LUMP SUM		L.S.	CO 214 - ADDITIONAL FENCE WORK															
523	LUMP SUM		LUMP SUM		L.S.	CO 177 - COB SAFETY RAILING WALL T															
524					DOL	CO 208 - SIGN BRIDGE #4 VERSUS WETLANDS															
525	LUMP SUM		LUMP SUM		L.S.	CO 133 - CRIP - CDR BARRIER RESET															
526	LUMP SUM		LUMP SUM		L.S.	CO 133 - CRIP - CDR BARRIER CONNECTION															
527	LUMP SUM		LUMP SUM		L.S.	CO 133 - CRIP - CDR BARRIER RETROFIT															
528	LUMP SUM		LUMP SUM		L.S.	CO 133 - CONTRACTOR ENGINEERING CDR															
529	LUMP SUM		LUMP SUM		L.S.	CO 133 - CRIP - CDR RAMP SAVINGS															
530					m	CO 133 - BI 154 REVISION															
531	LUMP SUM		LUMP SUM		L.S.	CO 20 - SIGNAL POLE 2 LUMINAIRE REPAIR															
532	LUMP SUM		LUMP SUM		L.S.	CO 218 - SIGN BRIDGE NO. 3															
533	LUMP SUM		LUMP SUM		L.S.	CO 216 - CANTILEVER SIGN STRUCTURE # 3															
534	LUMP SUM		LUMP SUM		L.S.	CO 219 CDR WEST ADDITIONAL BARRIER FACING															
535	LUMP SUM	LUMP SUM			L.S.	CO 217 - FIRE HYDRANTS ON NE 8TH															
536					DOL	CO 221 - NE 4TH ST PPB POLE															
537	LUMP SUM		LUMP SUM		L.S.	CO 220 - CDR WALL WEST BARRIER REDESIGN															
538	LUMP SUM		LUMP SUM		L.S.	CO 176 - TERRA EQUITABLE ADJUSTMENT															
539					m3	CO 176 - COMPOST - SPECIAL															
540					m3	CO 176 - SOIL AMENDMENT - SPECIAL															
541					m3	CO 176 - BARK MULCH - SPECIAL															
542	LUMP SUM		LUMP SUM		L.S.	CO 224 - PLANDING ADJUSTMENT															
543	LUMP SUM		LUMP SUM		L.S.	CO 211 - REMOVE EXISTING PIPE															
544	LUMP SUM		LUMP SUM		L.S.	CO 211 - REMOVE CCP															
545	LUMP SUM		LUMP SUM		L.S.	CO 211 - GRAVEL BARROW															
546	LUMP SUM		LUMP SUM		L.S.	CO 211 - EMBANKMENT															
547	LUMP SUM		LUMP SUM		L.S.	CO 211 - QUARRY SPALLS															
548	LUMP SUM		LUMP SUM		L.S.	CO 58 - WALL A DEMO CREDIT															
549	LUMP SUM		LUMP SUM		L.S.	CO 58 - WALL B DEMO CREDIT															
550	LUMP SUM		LUMP SUM		L.S.	CO 223 - PETERSON BROTHERS SETTLEMENT															
551	LUMP SUM		LUMP SUM		L.S.	CO 22 - SALINA'S SETTLEMENT															
552	LUMP SUM		LUMP SUM		L.S.	CO 227 - KLB'S SETTLEMENT															
553	LUMP SUM		LUMP SUM		L.S.	CO 225 - OUT OF SPEC ASPHALT OIL															

*For Preliminary Quantities Only  
See Final Record Book #1  
for Final Quantities*

GROUP LEGEND :	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	405	174302	**	SOUND TRANSIT,FEDERAL (ACSTPUL),FEDERAL (ACIM)

**FOR "AS CONSTRUCTED  
PLANS" ONLY**

04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)	Washington State Department of Transportation	I 405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS	JOB NUMBER		ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS	02A012/100				
04/29/03	REV QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS	CONTRACT NO				
DATE	REVISION	BY	006549				SUMMARY OF QUANTITIES

**SQ35**  
SHEET  
249  
OF  
1152  
SHEETS

# SUMMARY OF QUANTITIES

DOT\_RGG900

9/22/2008

ITEM NO	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) OF STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6							
							TDL1 LINE 1+000 TO 1+123	SE 8TH ST LANDSCAPE WITHIN DOT R/W	P LINE NE 6TH ST. 10+000 TO 10+227	R LINE 10+000 TO 10+210	S LINE 15+000 TO 15+383	T LINE 2+914 TO 3+405	SE 8TH ST LANDSCAPE WITHIN COB R/W	PSE UTILITY	COB UTILITY	AT&T UTILITY	THIRD PARTY DAMAGES							
511	LUMP SUM		LUMP SUM		L.S.	CO 210 - BAN LINE UTILITY CONFLICTS																		
512					DOL	CO 201 - HANDRAIL ON 114TH AT AZTECA																		
513	LUMP SUM		LUMP SUM		L.S.	CO 181 - GRAVEL BACKFILL FOR DRAIN - CREDIT																		
514	LUMP SUM		LUMP SUM		L.S.	CO 193 - BR RAMP GUARDRAIL TYPE II																		
515	LUMP SUM		LUMP SUM		L.S.	CO 213 - SE 8TH EXTRA CLEAR & GRUB																		
516					m2	CO 204 - ADDITIONAL GRINDING ON NE 4TH ST																		
517					TON	CO 204 - ADDITIONAL PAVING ON NE 4TH ST																		
518	LUMP SUM		LUMP SUM		L.S.	CO 178 - CRIP - BAS SAWCUTTING																		
519	LUMP SUM		LUMP SUM		L.S.	CO 178 - CONTRACTOR ENGINEERING - FL & BAS																		
520	LUMP SUM		LUMP SUM		L.S.	CO 178 - CRIP - GL & SAVINGS																		
521	LUMP SUM		LUMP SUM		L.S.	CO 209 - SB 405 MEDIAN SHOULDER REBUILD																		
522	LUMP SUM		LUMP SUM		L.S.	CO 214 - ADDITIONAL FENCE WORK																		
523	LUMP SUM		LUMP SUM		L.S.	CO 177 - COB SAFETY RAILING WALL T																		
524					DOL	CO 208 - SIGN BRIDGE #4 VERSUS WETLANDS																		
525	LUMP SUM		LUMP SUM		L.S.	CO 133 - CRIP - CDR BARRIER RESET																		
526	LUMP SUM		LUMP SUM		L.S.	CO 133 - CRIP - CDR BARRIER CONNECTION																		
527	LUMP SUM		LUMP SUM		L.S.	CO 133 - CRIP - CDR BARRIER RETROFIT																		
528	LUMP SUM		LUMP SUM		L.S.	CO 133 - CONTRACTOR ENGINEERING CDR																		
529	LUMP SUM		LUMP SUM		L.S.	CO 133 - CRIP - CDR RAMP SAVINGS																		
530					m	CO 133 - BI 154 REVISION																		
531	LUMP SUM		LUMP SUM		L.S.	CO 20 - SIGNAL POLE 2 LUMINAIRE REPAIR																		
532	LUMP SUM		LUMP SUM		L.S.	CO 218 - SIGN BRIDGE NO. 3																		
533	LUMP SUM		LUMP SUM		L.S.	CO 216 - CANTILEVER SIGN STRUCTURE # 3																		
534	LUMP SUM		LUMP SUM		L.S.	CO 219 CDR WEST ADDITIONAL BARRIER FACING																		
535	LUMP SUM	LUMP SUM			L.S.	CO 217 - FIRE HYDRANTS ON NE 8TH																		
536					DOL	CO 221 - NE 4TH ST PPB POLE																		
537	LUMP SUM		LUMP SUM		L.S.	CO 220 - CDR WALL WEST BARRIER REDESIGN																		
538	LUMP SUM		LUMP SUM		L.S.	CO 176 - TERRA EQUITABLE ADJUSTMENT																		
539					m3	CO 176 - COMPOST - SPECIAL																		
540					m3	CO 176 - SOIL AMENDMENT - SPECIAL																		
541					m3	CO 176 - BARK MULCH - SPECIAL																		
542	LUMP SUM		LUMP SUM		L.S.	CO 224 - PLANDING ADJUSTMENT																		
543	LUMP SUM		LUMP SUM		L.S.	CO 211 - REMOVE EXISTING PIPE																		
544	LUMP SUM		LUMP SUM		L.S.	CO 211 - REMOVE CCP																		
545	LUMP SUM		LUMP SUM		L.S.	CO 211 - GRAVEL BARROW																		
546	LUMP SUM		LUMP SUM		L.S.	CO 211 - EMBANKMENT																		
547	LUMP SUM		LUMP SUM		L.S.	CO 211 - QUARRY SPALLS																		
548	LUMP SUM		LUMP SUM		L.S.	CO 58 - WALL A DEMO CREDIT																		
549	LUMP SUM		LUMP SUM		L.S.	CO 58 - WALL B DEMO CREDIT																		
550	LUMP SUM		LUMP SUM		L.S.	CO 223 - PETERSON BROTHERS SETTLEMENT																		
551	LUMP SUM		LUMP SUM		L.S.	CO 22 - SALINA'S SETTLEMENT																		
552	LUMP SUM		LUMP SUM		L.S.	CO 227 - KLB'S SETTLEMENT																		
553	LUMP SUM		LUMP SUM		L.S.	CO 225 - OUT OF SPEC ASPHALT OIL																		

*Preliminary Quantities Only  
See Final Record Book #1  
for Final Quantities.*

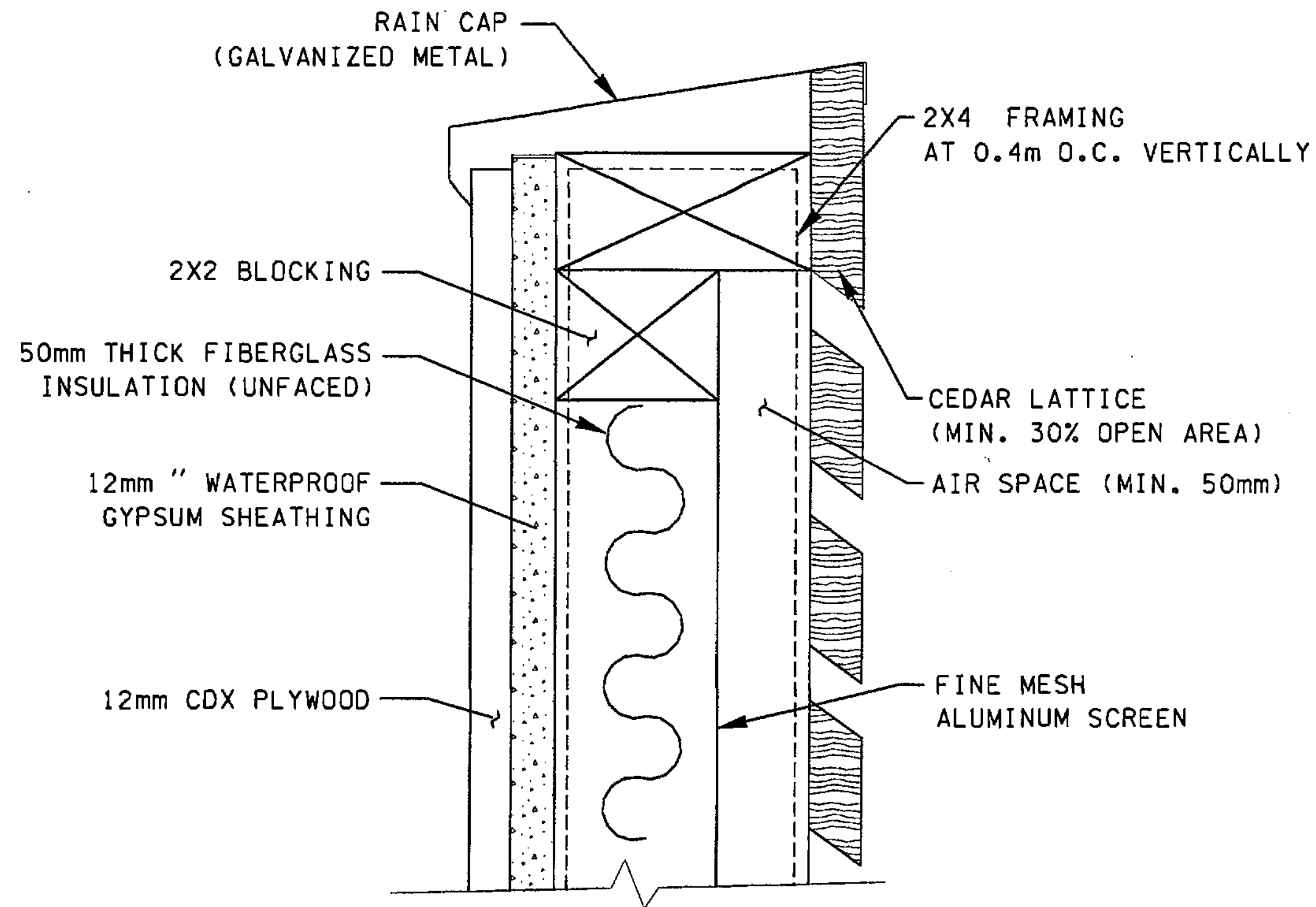
GROUP LEGEND :				FUND PARTICIPANTS	
GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE		
1	405	174302	**	SOUND TRANSIT.FEDERAL (ACSTPUL),FEDERAL (ACIM)	
2	405	1700CT	*	COB,SOUND TRANSIT,COB (TIB)	
3	405	174302	**	PSE	
4	405	174302	**	COB,COB (TIB)	
5	405	174302	**	AT&T	
6	405	174302	**	STATE	

**FOR "AS CONSTRUCTED  
PLANS" ONLY**

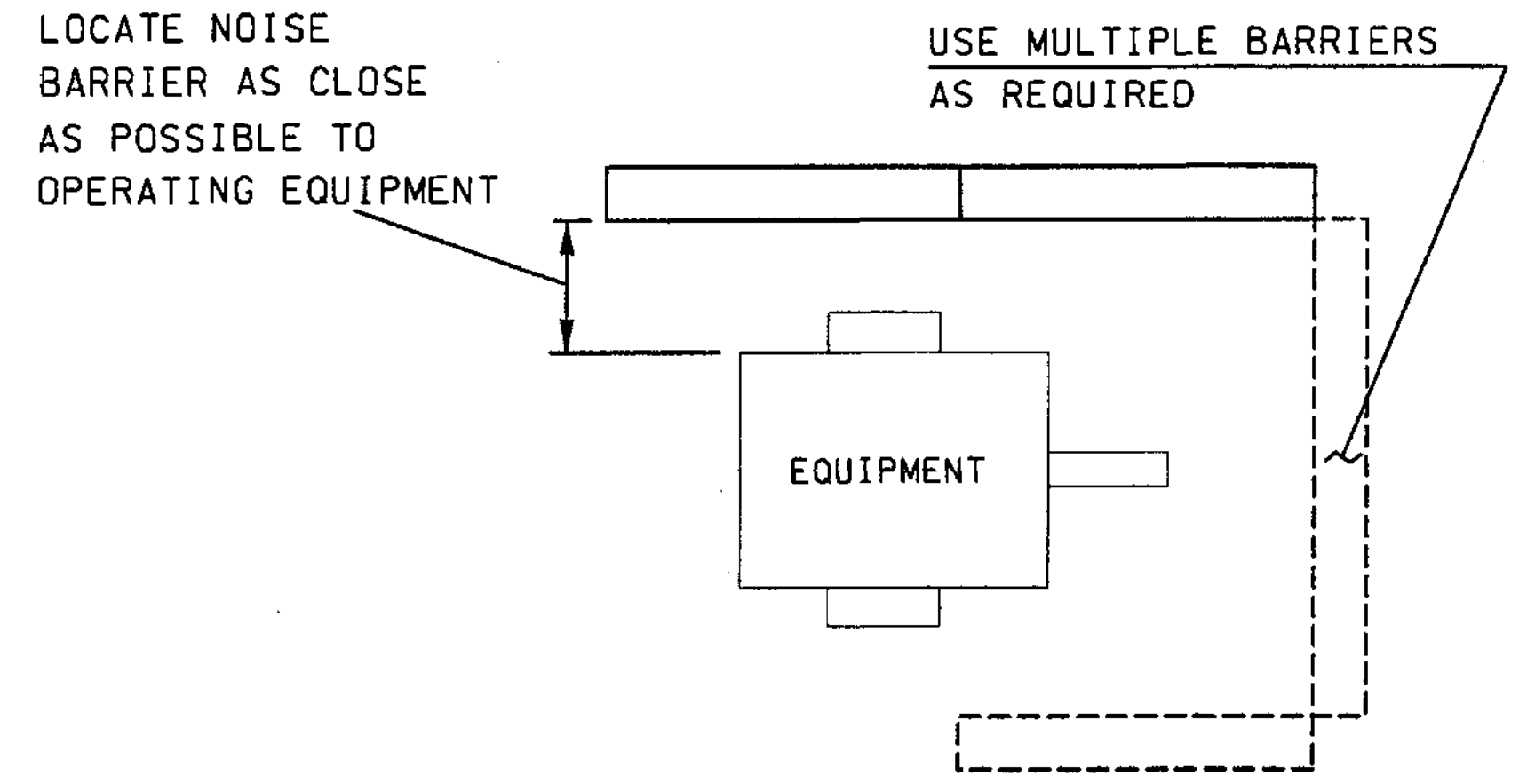
04/02/03	REVISED AS SHADED	JDS	REGION	STATE	FEDERAL AID PROJECT. NO.		
04/16/03	REV. DESC. FOR ITEM 120, DELETED ITEM 141, ADDED ITEM 375	JDS	10	WA	ACIM-4053(843)	Washington State Department of Transportation	1405 BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.
04/16/03	REV. QTYS FOR ITEMS 4, 27, 77, 161, 164, 170, 314, AND 315	JDS			ACSTPUL-4053(843)		
04/29/03	REV. DESC. FOR ITEM 120 AND 284, ADDED ITEMS 376 - 385	JDS			JOB NUMBER 02A012/100		
04/29/03	REV QTYS FOR NUMEROUS ITEMS, REV UNIT FOR ITEM 320	JDS			CONTRACT NO 006549		SUMMARY OF QUANTITIES
DATE	REVISION	BY					SQ36 SHEET OF 2HR OF 1152 SHEETS



C:\PWTEMP\dms00318\NS001\_C2.dgn  
 PLOT1  
 11/26/2002 10:22:12 AM  
 mbenson



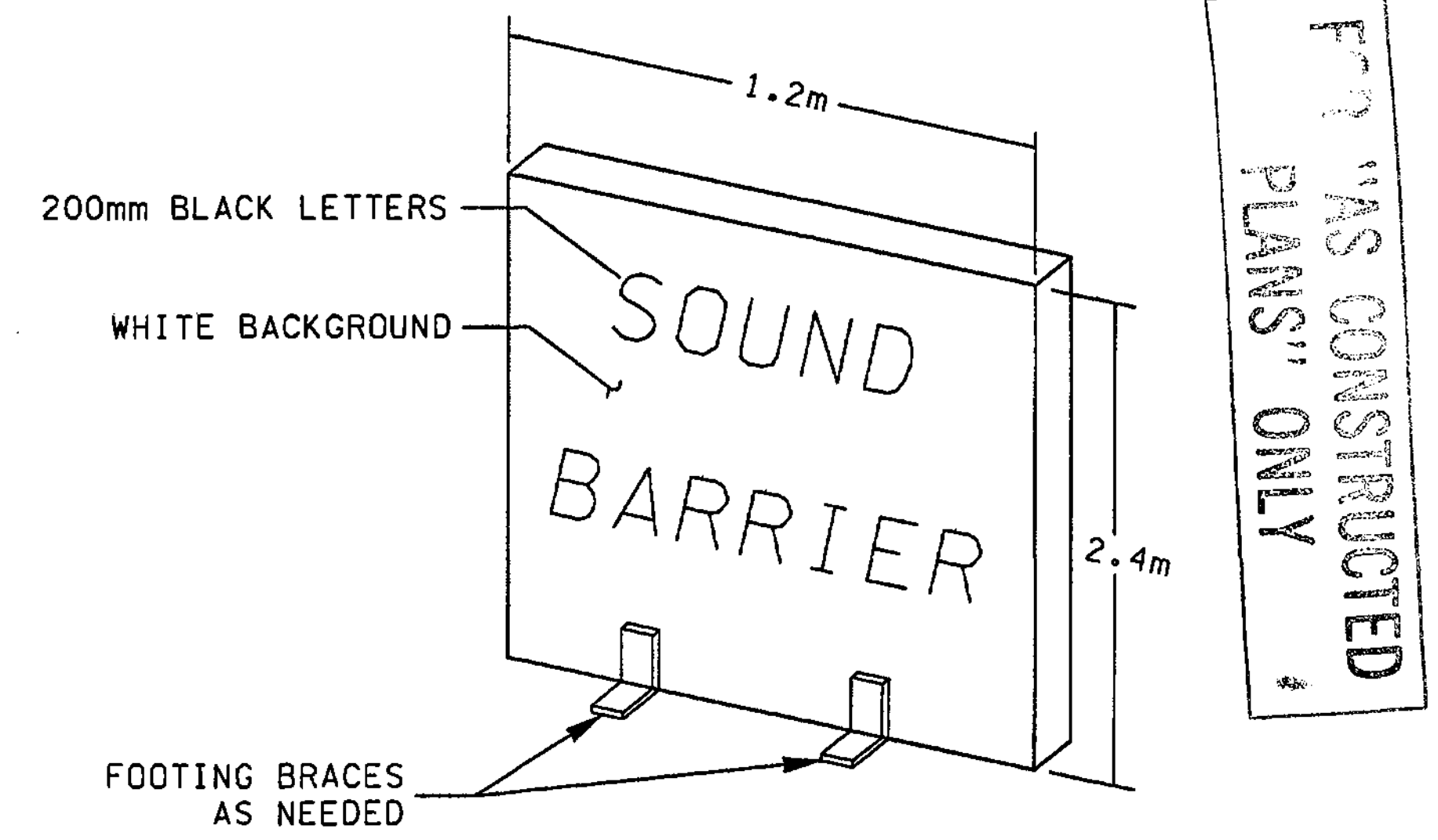
**PORTABLE NOISE SHIELD (TYPICAL)**  
(NTS)



**PLAN VIEW (TYPICAL)**  
(NTS)

**NOTES**

1. FACE ALL GRATING TOWARD NOISE SOURCE.
2. BEVEL CEDAR GRATING AT 45 DEGREE ANGLE.
3. TYPICAL NOISE SHIELD SHOULD BE CONSTRUCTED IN 1.2m X 2.4m UNITS.
4. SIZE OF SHIELD WILL VARY DEPENDING ON SITE CONDITIONS AND/OR EQUIPMENT TYPE.
5. NOISE SHIELDS SHALL BE PLACED AS CLOSE TO THE NOISE SOURCE AS FEASIBLE. PLACEMENT SHALL INTERCEPT LINE OF SIGHT BETWEEN NOISE SOURCE AND RECEIVER OR AS DIRECTED BY ENGINEER.
6. ALL EQUIPMENT, STATIONARY AND MOVEABLE, MUST BE SHIELDED WITH PORTABLE NOISE SHIELD OR OTHER METHODS APPROVED BY THE ENGINEER. ALL EQUIPMENT WILL REQUIRE NIGHT TIME NOISE SHIELDING.
7. THIS SHEET IS NOT INTENDED TO PROVIDE STRUCTURAL OPTIONS FOR SUPPORT OF SHIELDS.



**NOISE BARRIER UNIT (TYPICAL)**  
(NTS)

**FOR "AS CONSTRUCTED PLANS" ONLY**

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO.	NS1
ENTERED BY	LLK	12/02	JOB NUMBER	02A012				SHEET					25	
CHECKED BY	GBW	12/02	CONTRACT NO.					NOISE SHIELD					1152	
PROJ. ENGR.	D. CIERI	12/02											SHEETS	
REGIONAL ADM.	D. DYE	12/02	DATE		DATE		REVISION	BY						

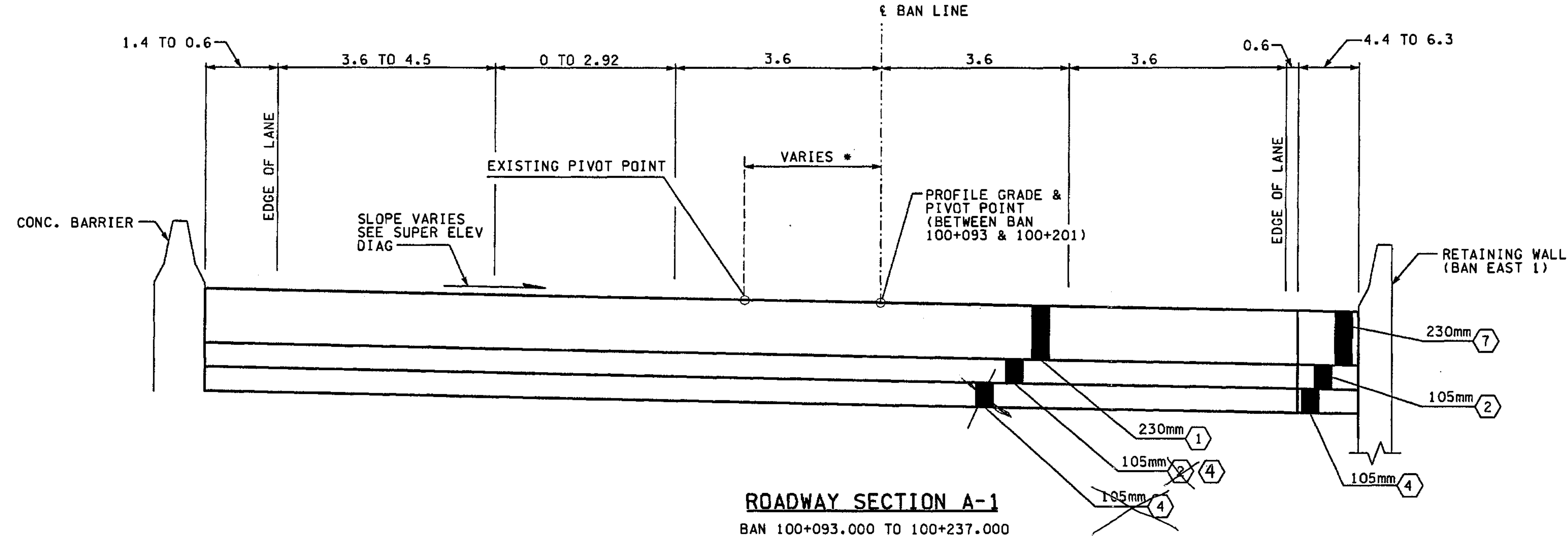
C:\PWTEMP\dms00326\RS001\_C2.dgn

PLOT...

11/27/2002 12:59:28 PM

mbenson

\* - PIVOT POINT WILL SHIFT FROM BAN LINE CENTERLINE AT BAN 100+201.000 TO THE EXISTING PIVOT POINT 2.488 LT. OF BAN 100+237.000

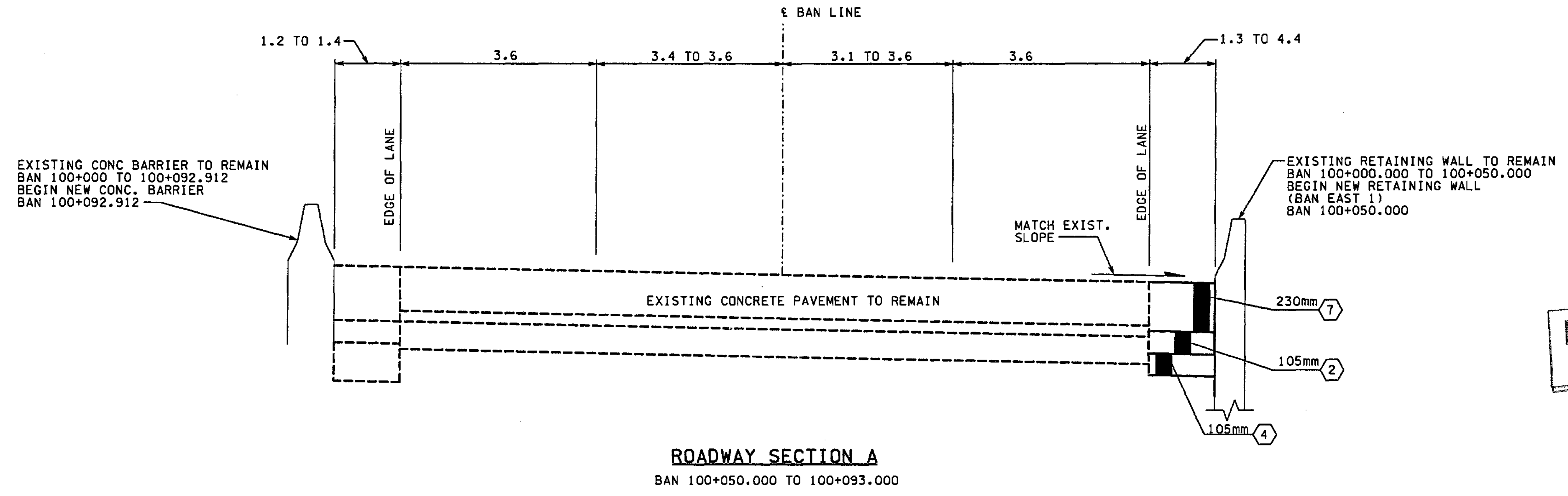


**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	JRS	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/16/02

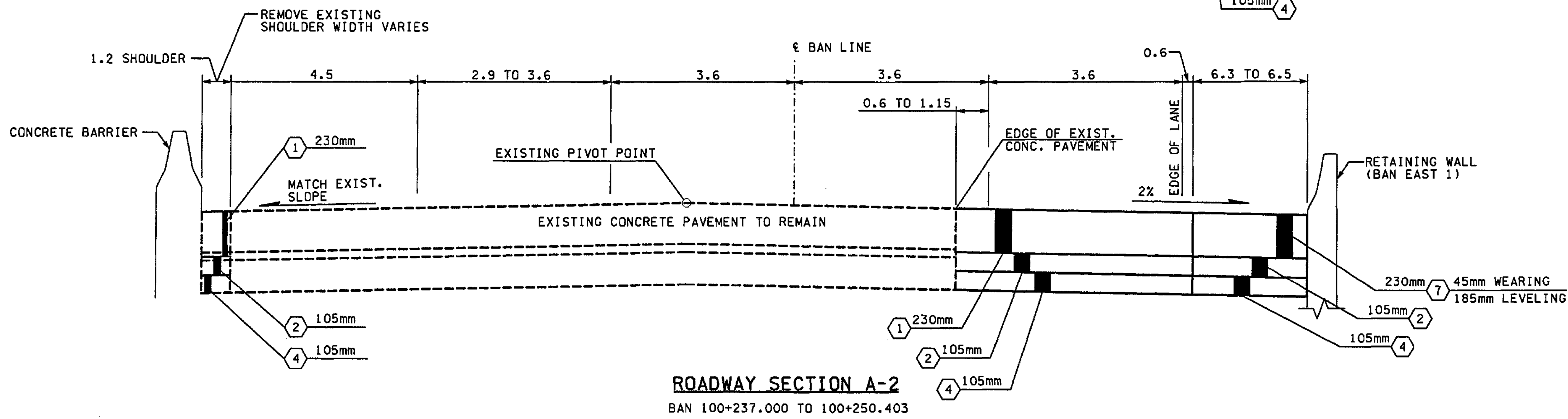
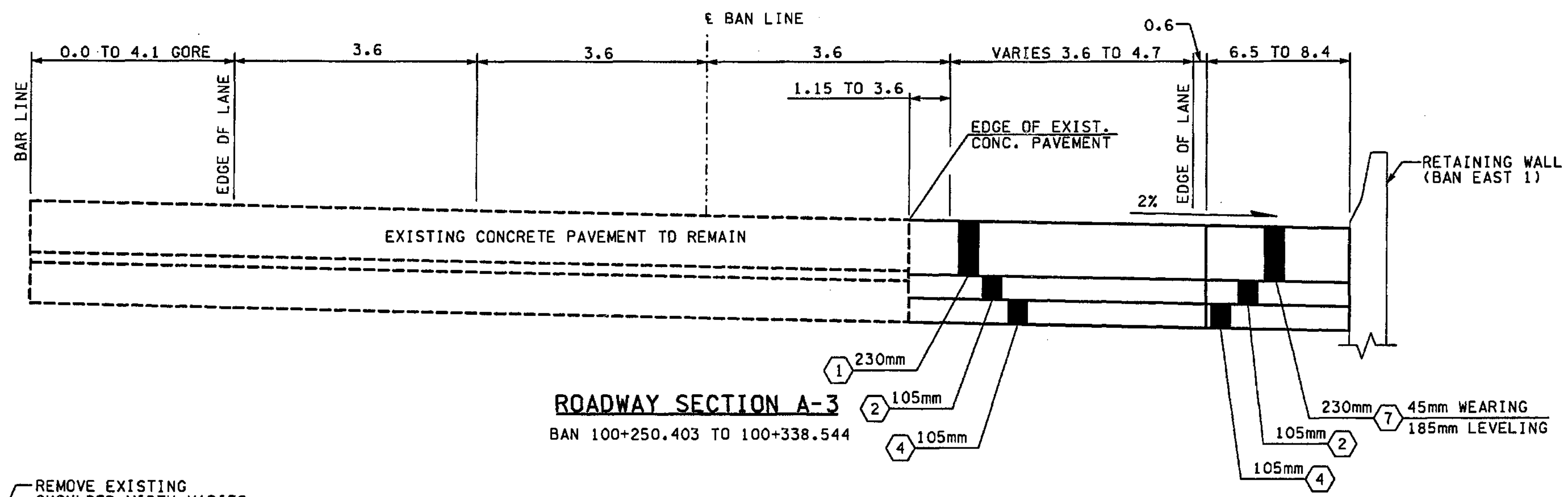
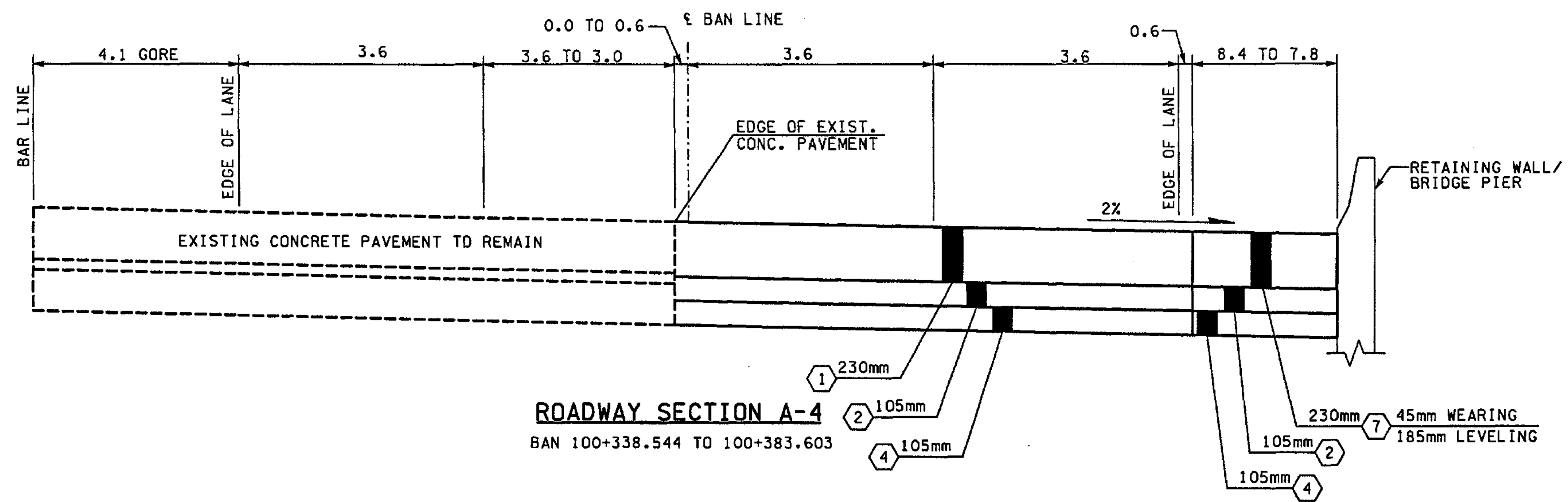
Washington State Department of Transportation

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

ROADWAY SECTIONS

SHEET NO.	RS1
SHEET OF SHEETS	26 OF 1152





**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

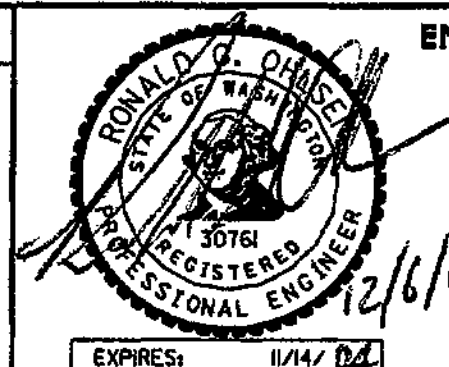
**LEGEND:**

- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02	REGION No.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	MJB	12/02	JOB NUMBER	02A012		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		
CHECKED BY	JRS	12/02	CONTRACT NO.			Washington State Department of Transportation		
PROJ. ENGR.	D. CIERI	12/02	DATE	DATE	REVISION	BY	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	
REGIONAL ADM.	D. DYE	12/02				ROADWAY SECTIONS		



SHEET NO. RS2

SHEET 27 OF 1152 SHEETS

C:\PWTEMP\dms00326\RS003\_C2.dgn

PLOT...

11/27/2002 12:59:38 PM

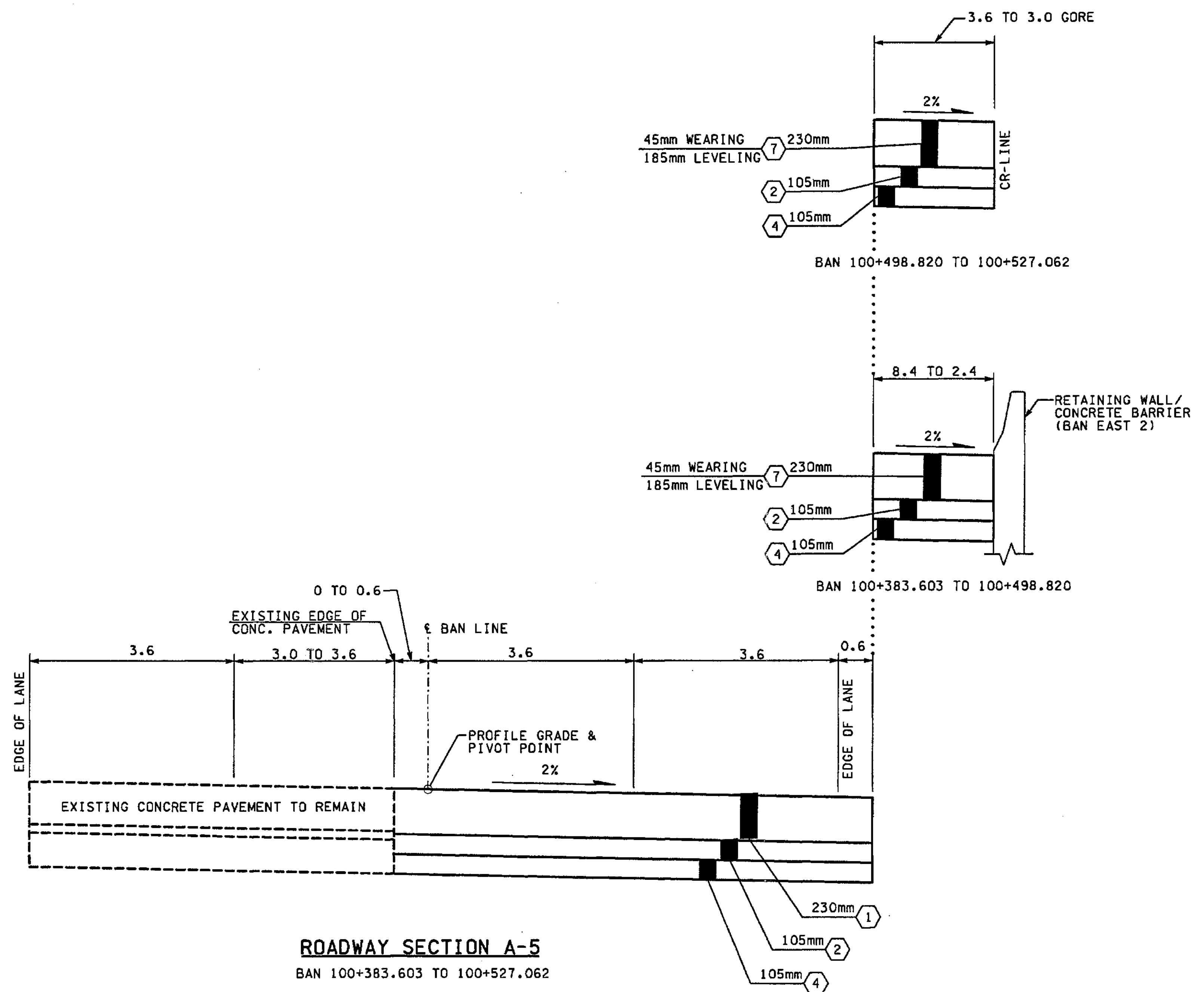
mbenson

**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO.	RS3	
ENTERED BY	MJB	12/02		10	WASH		JOB NUMBER				02A012	SHEETS	28
CHECKED BY	JRS	12/02					CONTRACT NO.					OF	1152
PROJ. ENGR.	D. CIERI	12/02					BY					SHEETS	1152
REGIONAL ADM.	D. DYE	12/02					DATE	DATE	REVISION				

Washington State Department of Transportation

HDR ENGINEERING INC.

ROADWAY SECTIONS

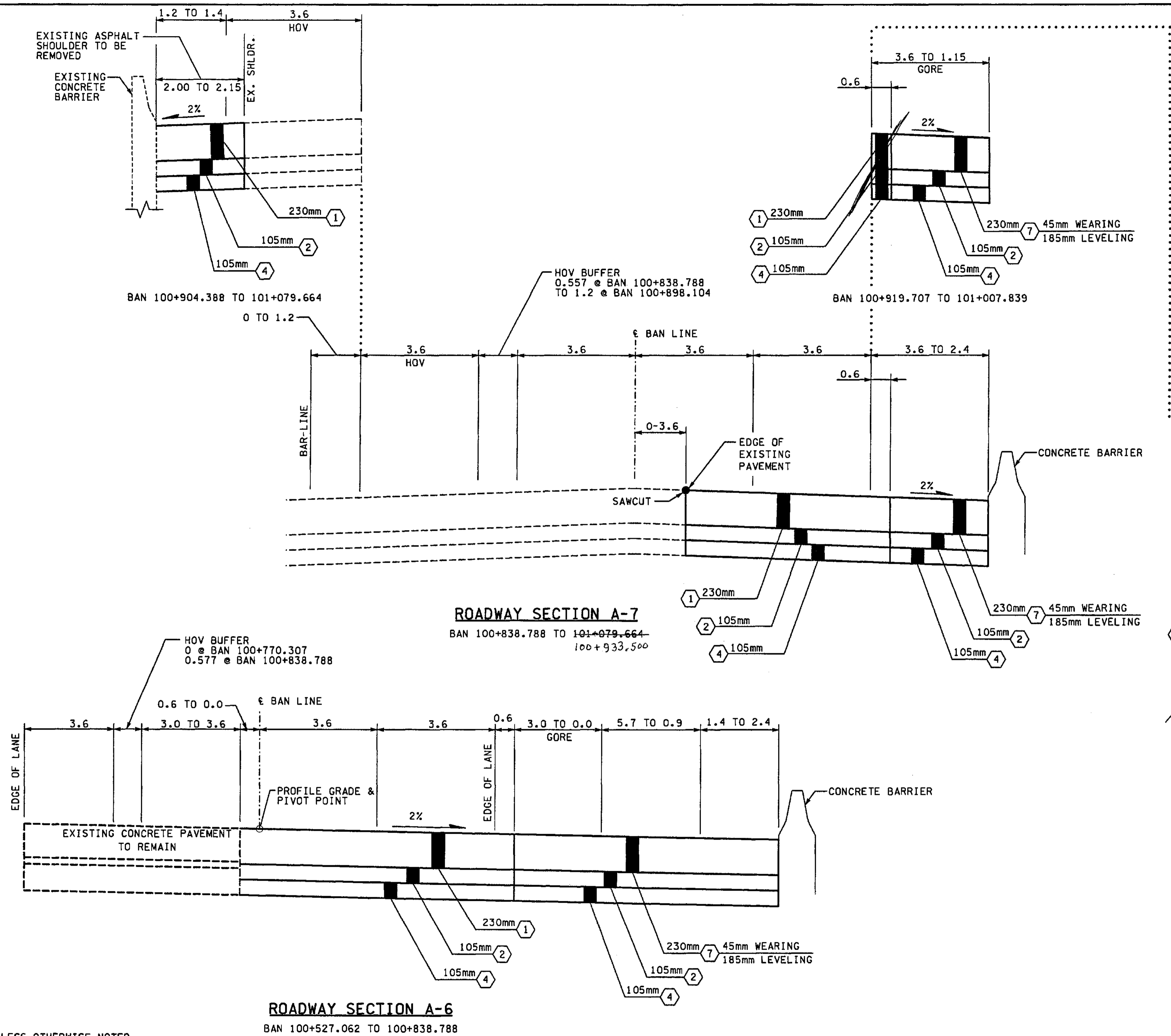


C:\NPWTEMP\dms00326\NRS004\_C2.dgn

PLOT

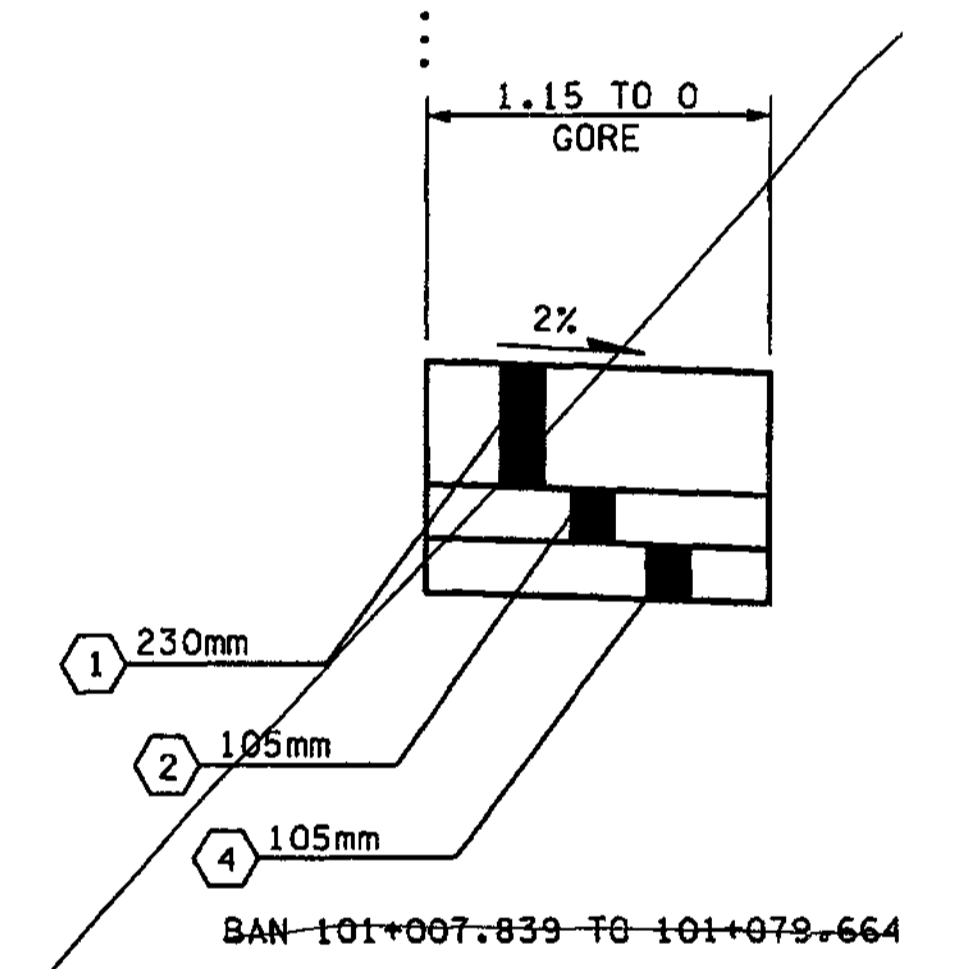
11/27/2002 12:59:43 PM

mbenson



- NOTES:**
1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
  2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
  3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
  4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
  5. GRINDING AND PLANING NOT TO EXCEED 45mm. SEE SITE PREPARATION PLANS FOR LIMITS.

- LEGEND:**
- ① CEMENT CONC. PAVEMENT
  - ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
  - ③ NOT USED
  - ④ CRUSHED SURFACING BASE COURSE
  - ⑤ NOT USED
  - ⑥ CEMENT CONC. SIDEWALK, C.O.B. STO. PLAN
  - ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	JRS	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

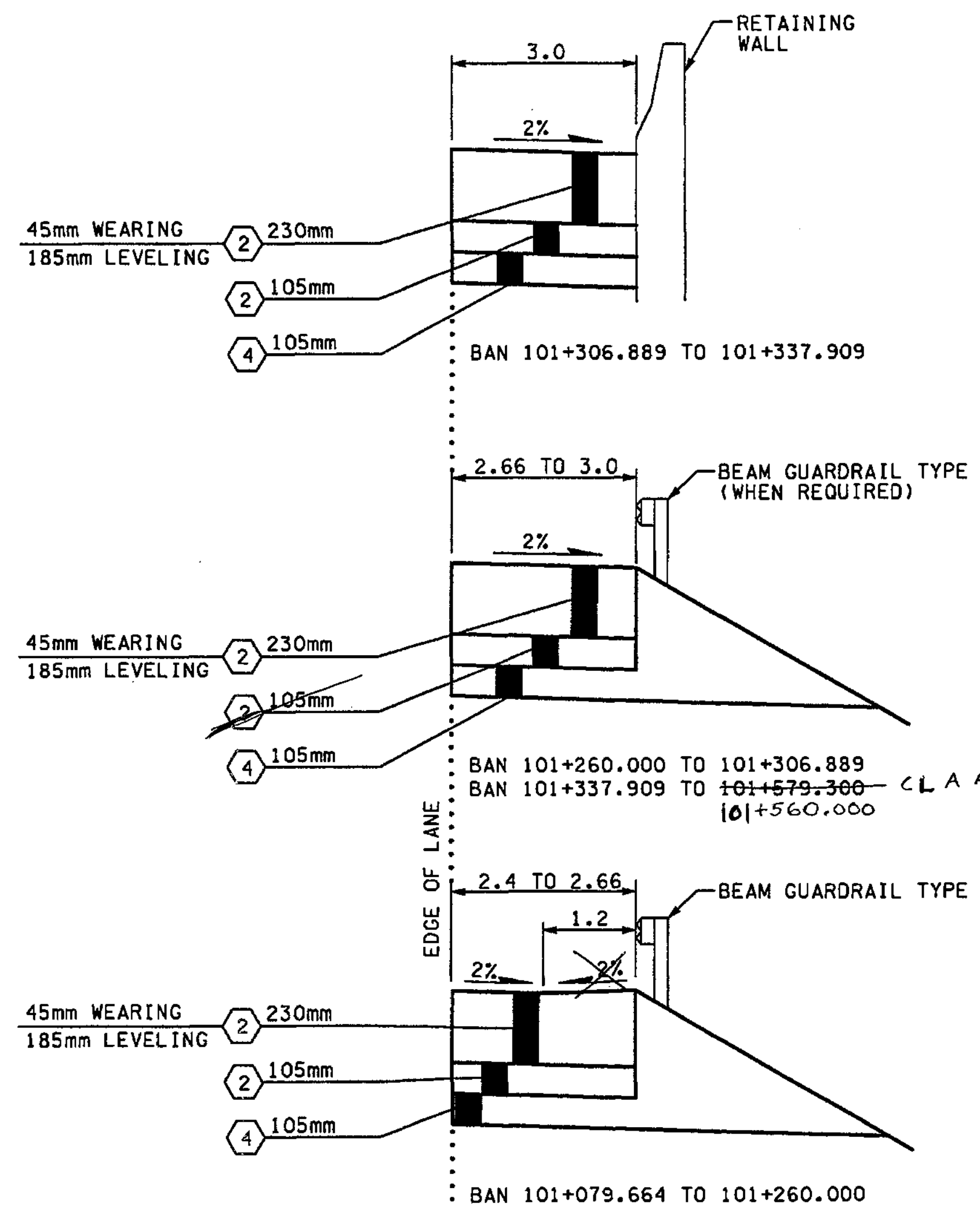
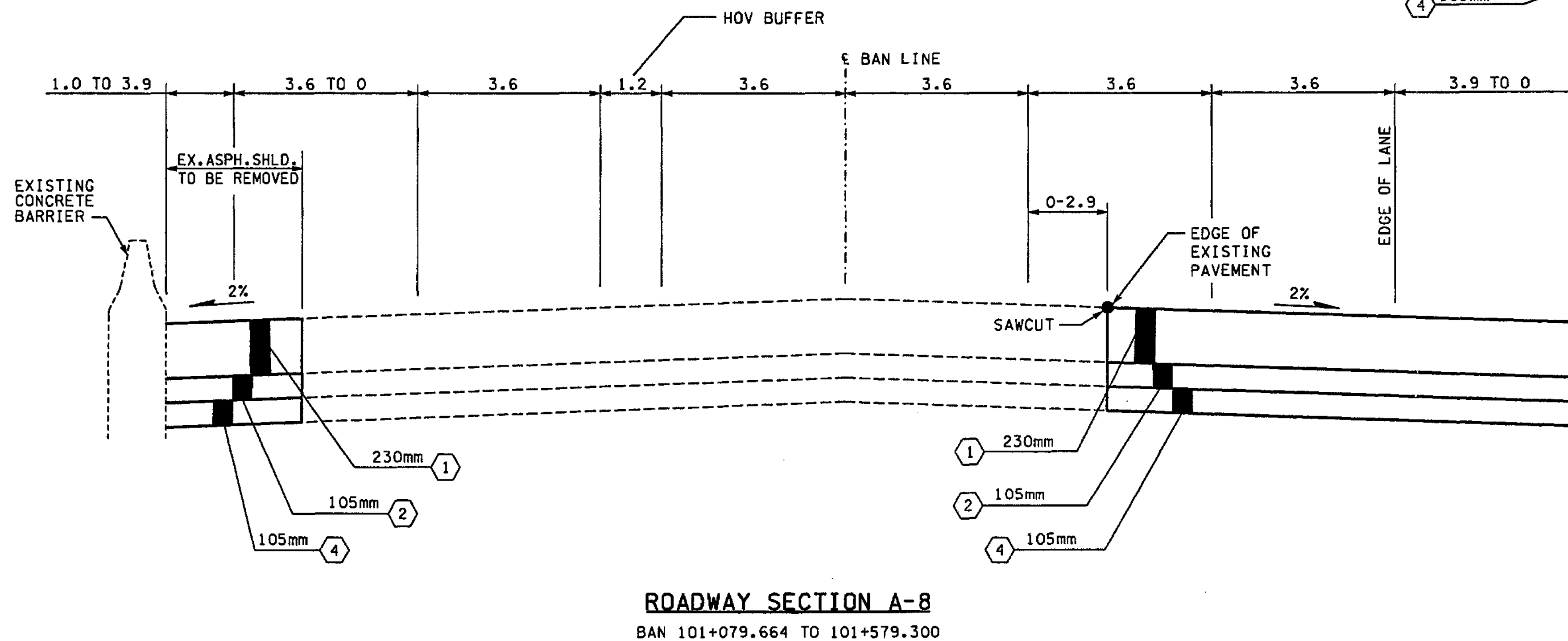
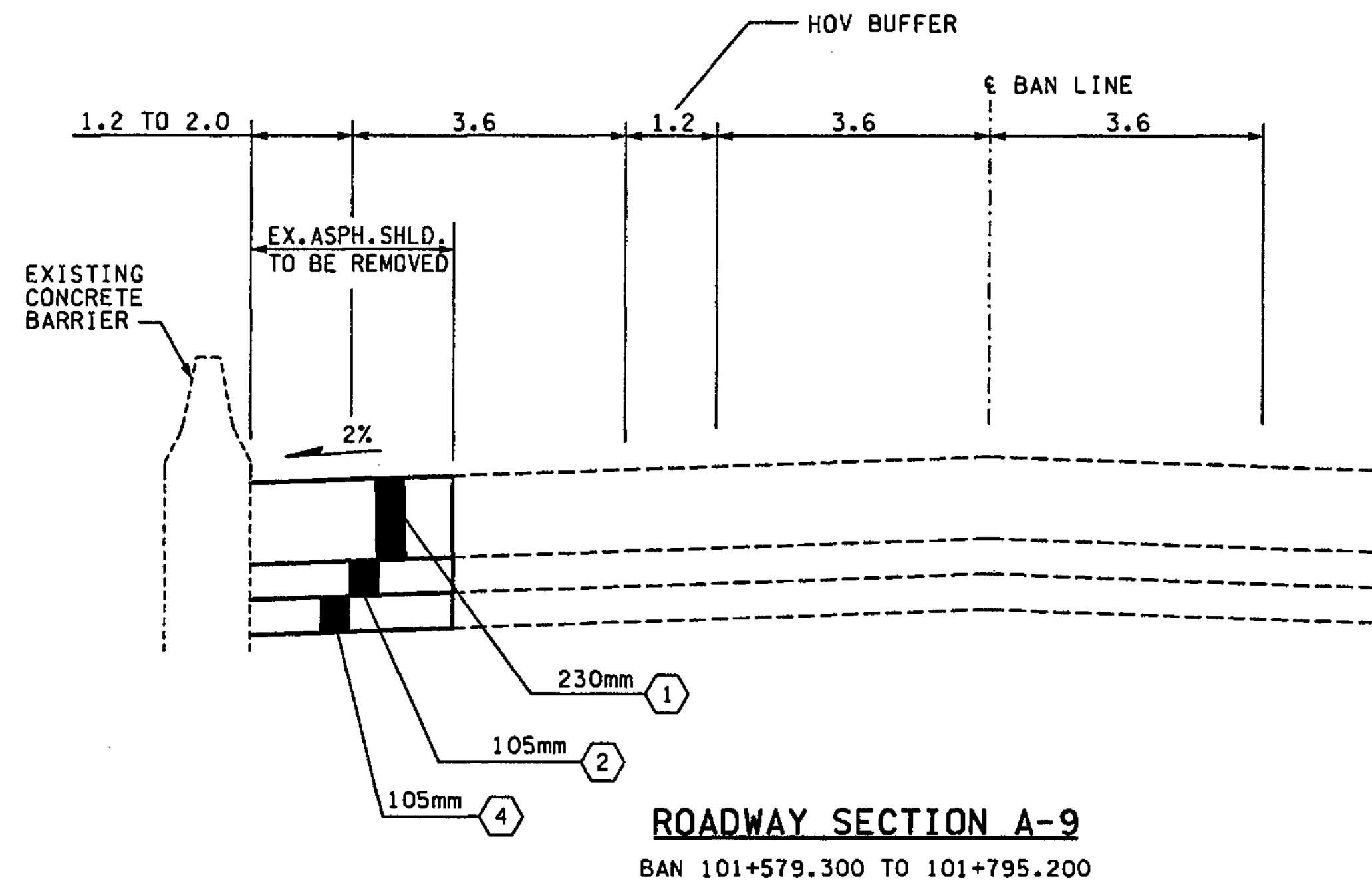
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ROADWAY SECTIONS

SHEET NO  
RS4

SHEET  
29  
OF  
112  
SHEETS



**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm. SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

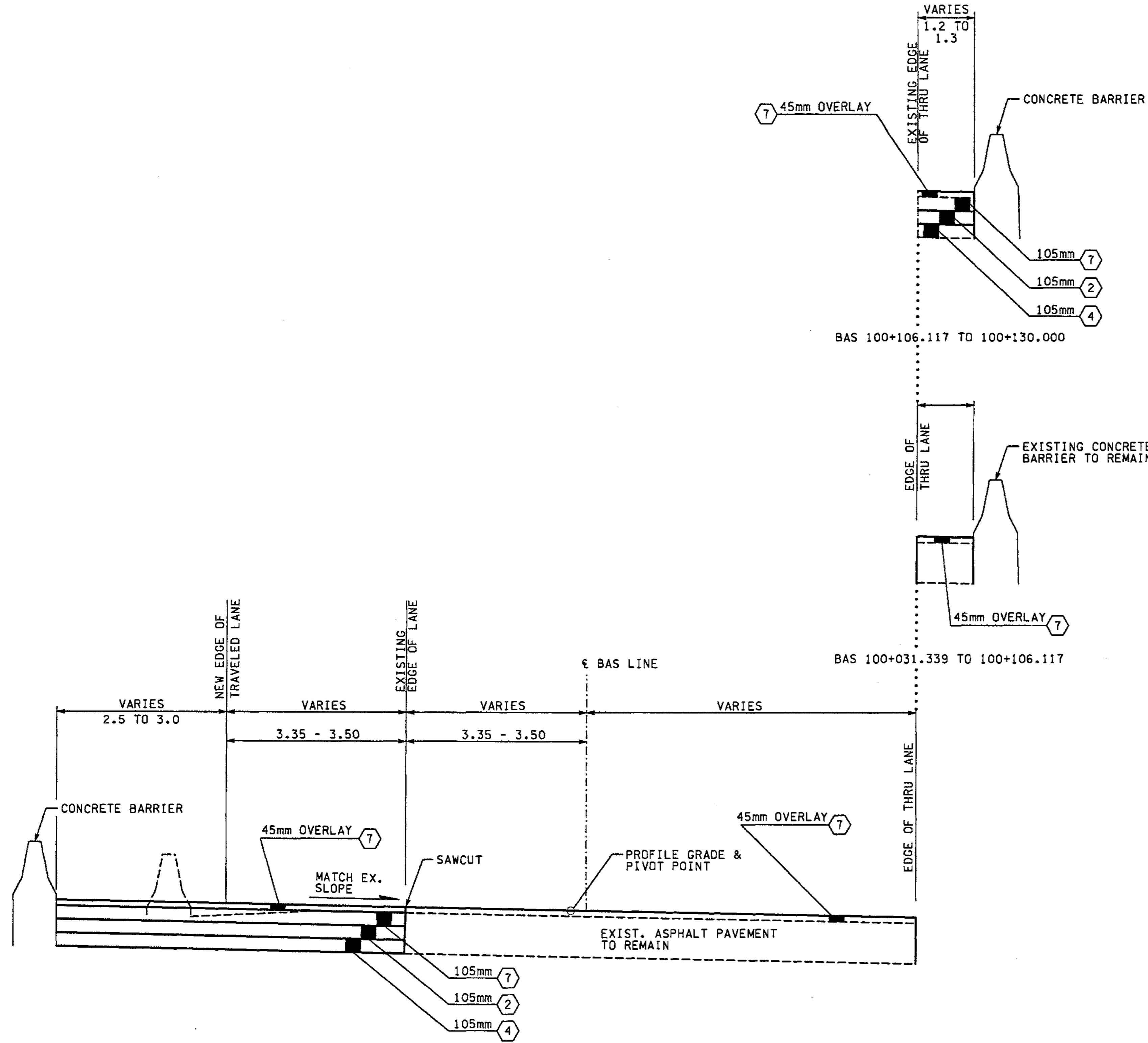
- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO RS5
ENTERED BY	LLK	12/02			10	WASH					
CHECKED BY	JRS	12/02			JOB NUMBER						
PROJ. ENGR.	D. CIERI	12/02			02A012						
REGIONAL ADM.	D. DYE	12/02			CONTRACT NO.						
	DATE	DATE	REVISION	BY						ROADWAY SECTIONS	SHEET 30 OF 1152 SHEETS





**ROADWAY SECTION B**  
BAS 100+031.339 TO 100+130.000

**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm. SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO.	RS6	
ENTERED BY	LLK	12/02		10	WASH		JOB NUMBER					02A012	SHEET	31
CHECKED BY	JRS	12/02					CONTRACT NO.						OF	1152
PROJ. ENGR.	D. CIERI	12/02					DATE					DATE	REVISION	BY



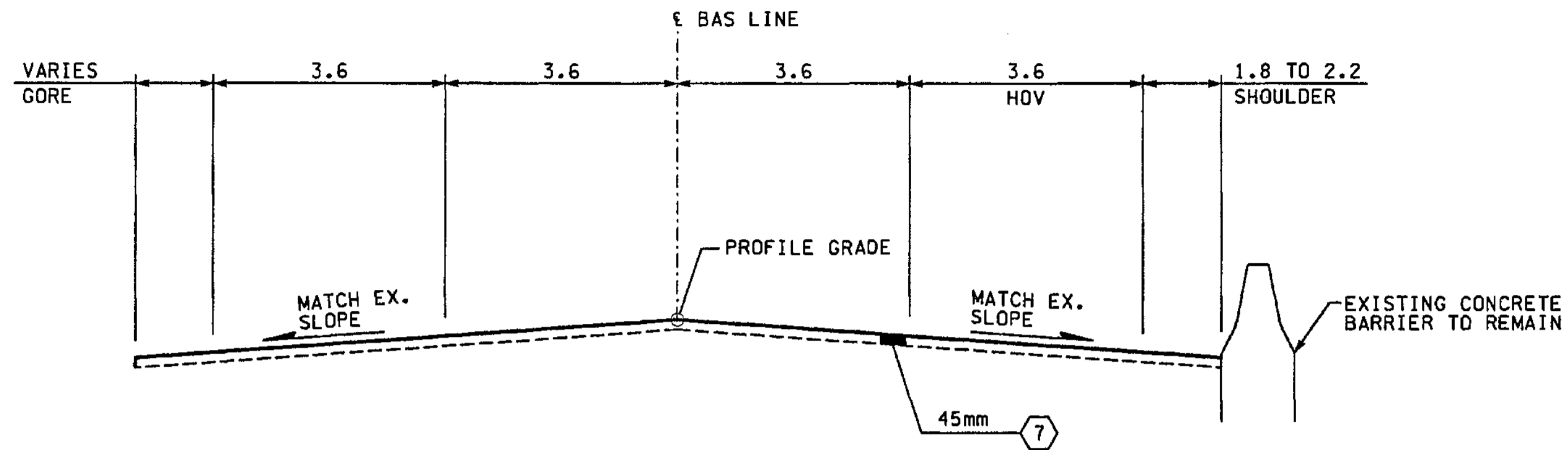


C:\PWTEMP\dms00326\RS008\_C2.dgn

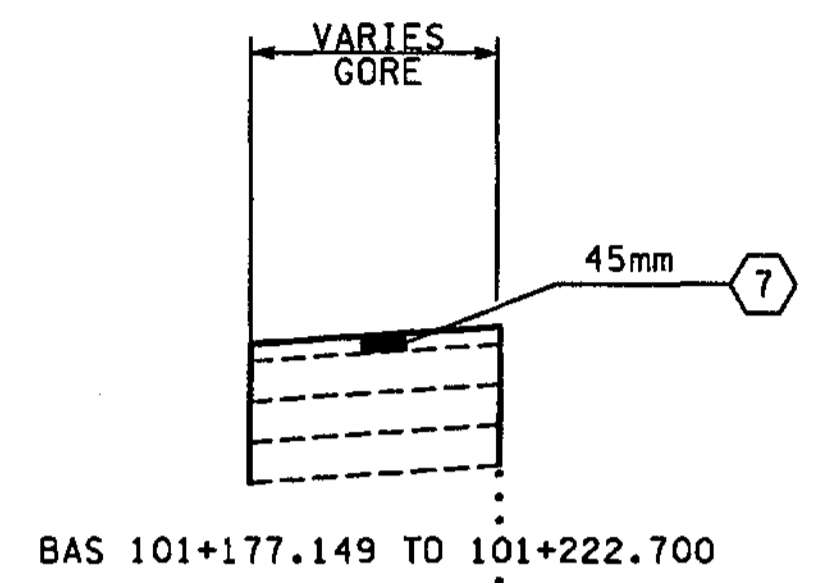
PLOT...

11/27/2002 01:00:05 PM

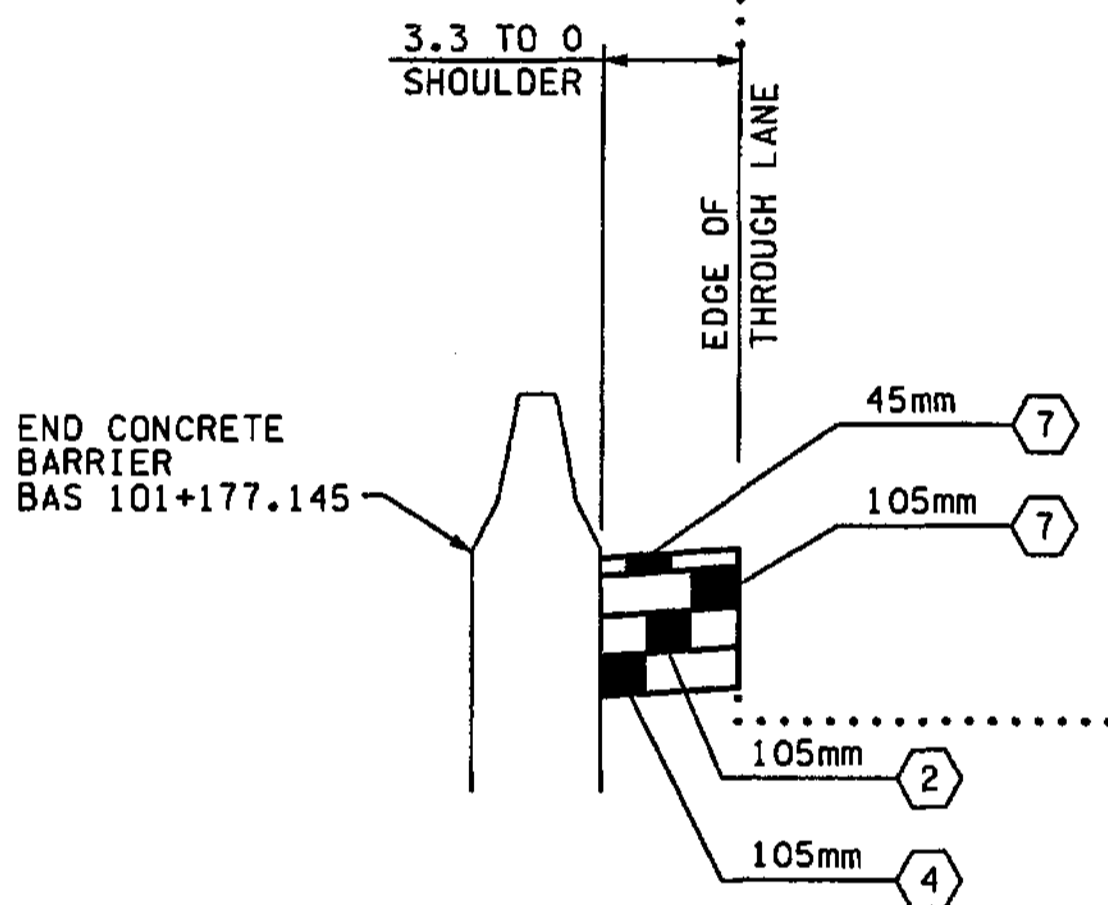
mbenson



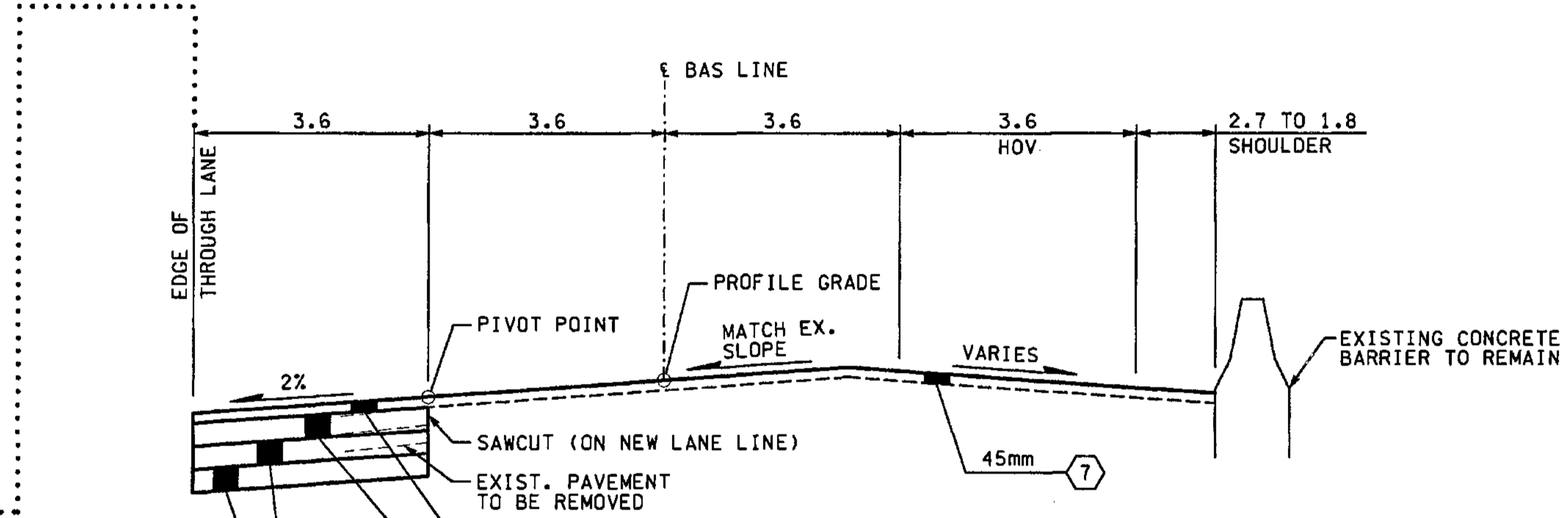
**ROADWAY SECTION B-5**  
BAS 101+222.700 TO 101+253.037



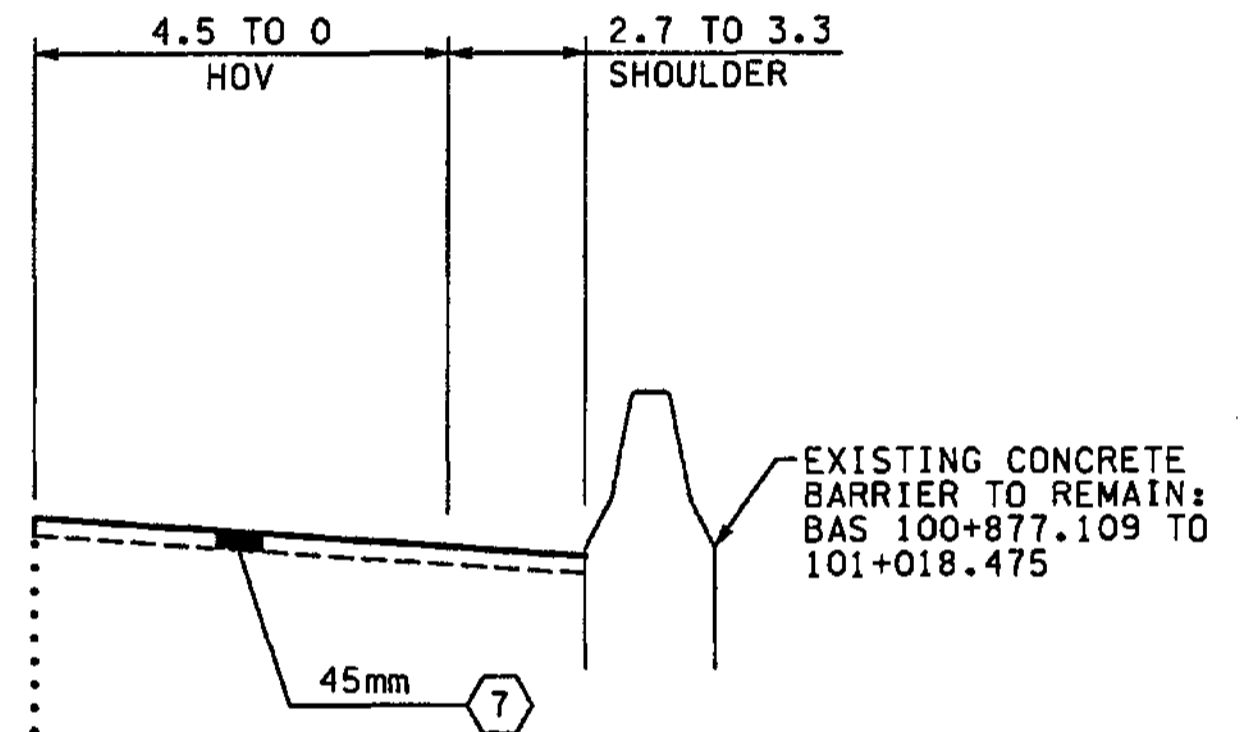
BAS 101+177.149 TO 101+222.700



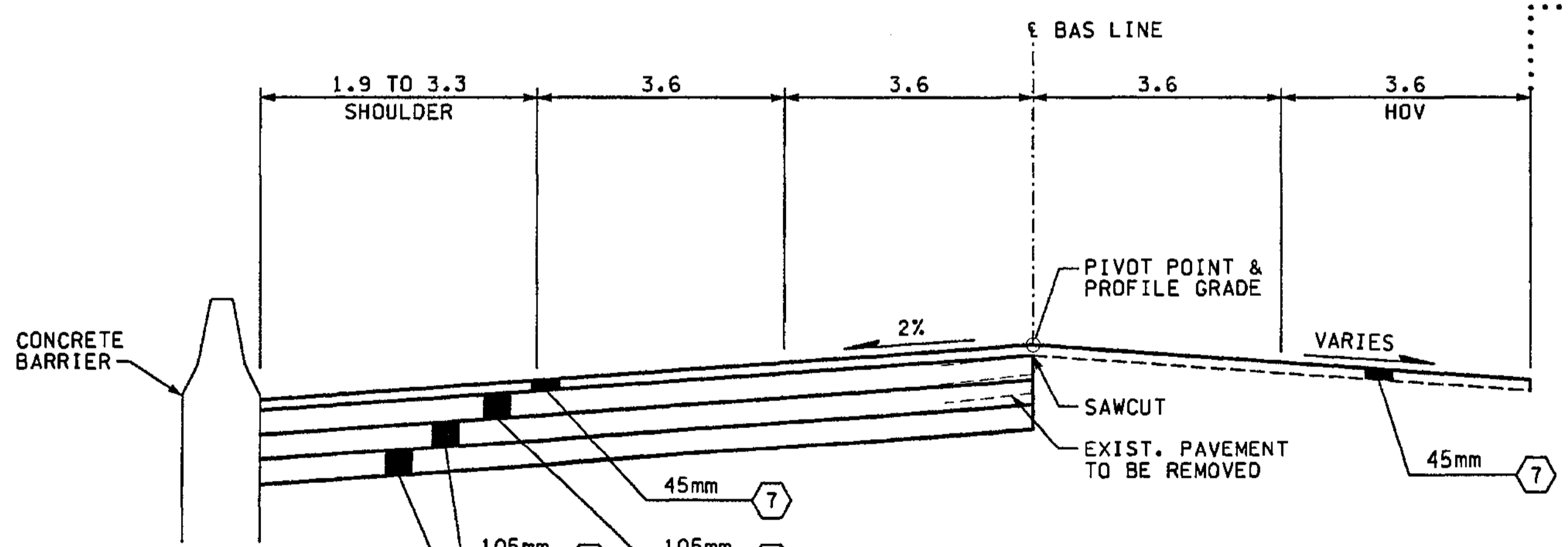
BAS 101+013.475 TO 101+177.149



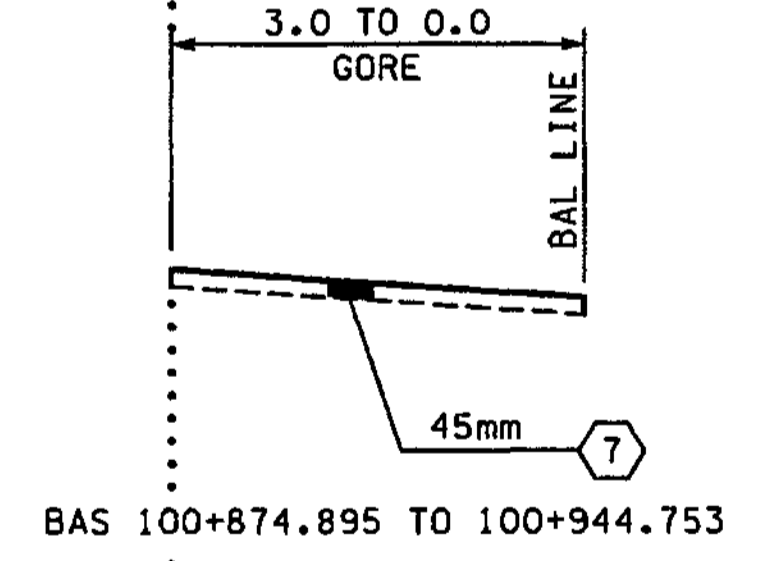
**ROADWAY SECTION B-4**  
BAS 101+018.475 TO 101+222.700



BAS 100+944.753 TO 101+018.475



**ROADWAY SECTION B-3**  
BAS 100+874.895 TO 101+018.475



BAS 100+874.895 TO 100+944.753

**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

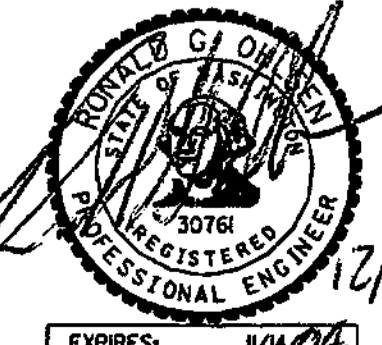
**LEGEND:**

- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

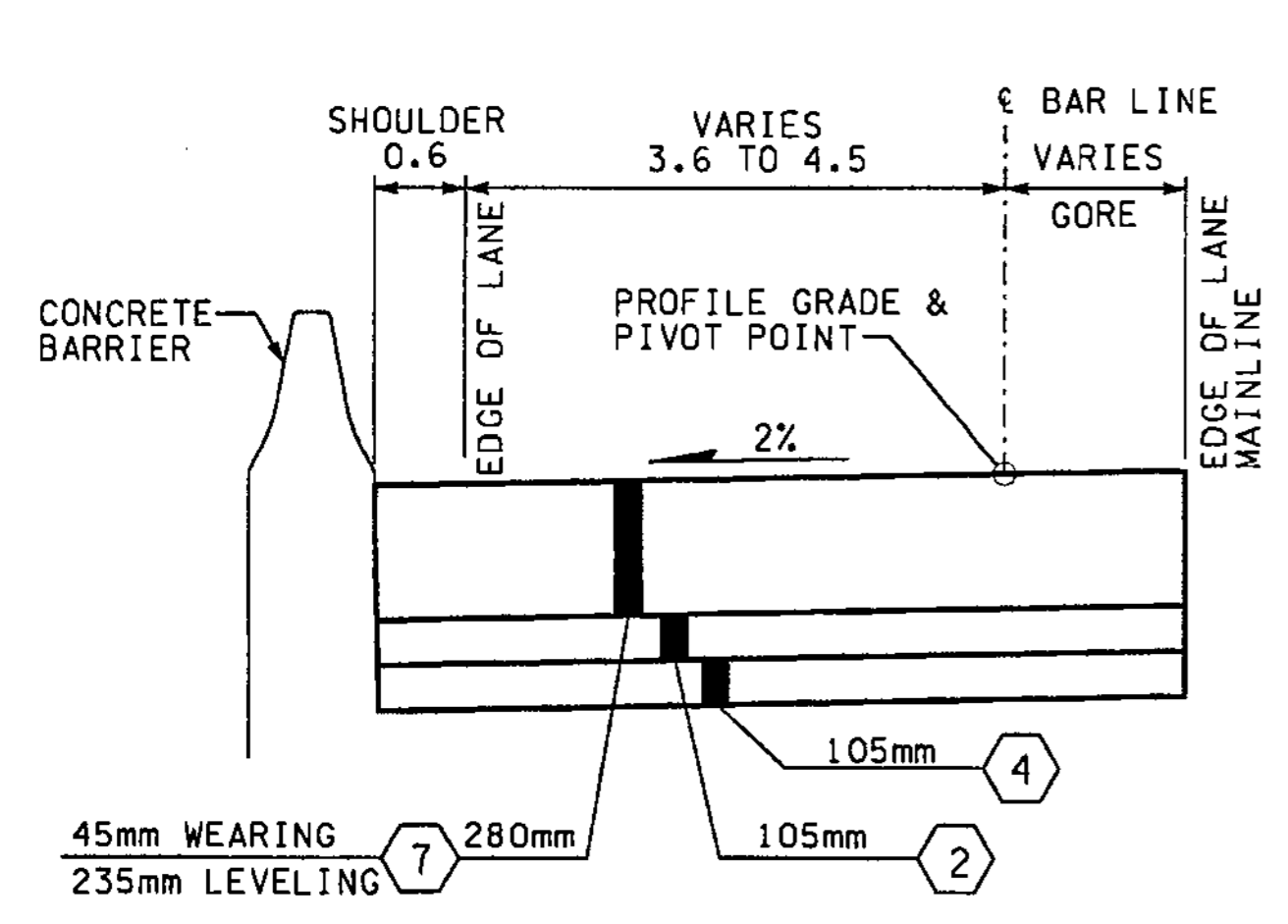
FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

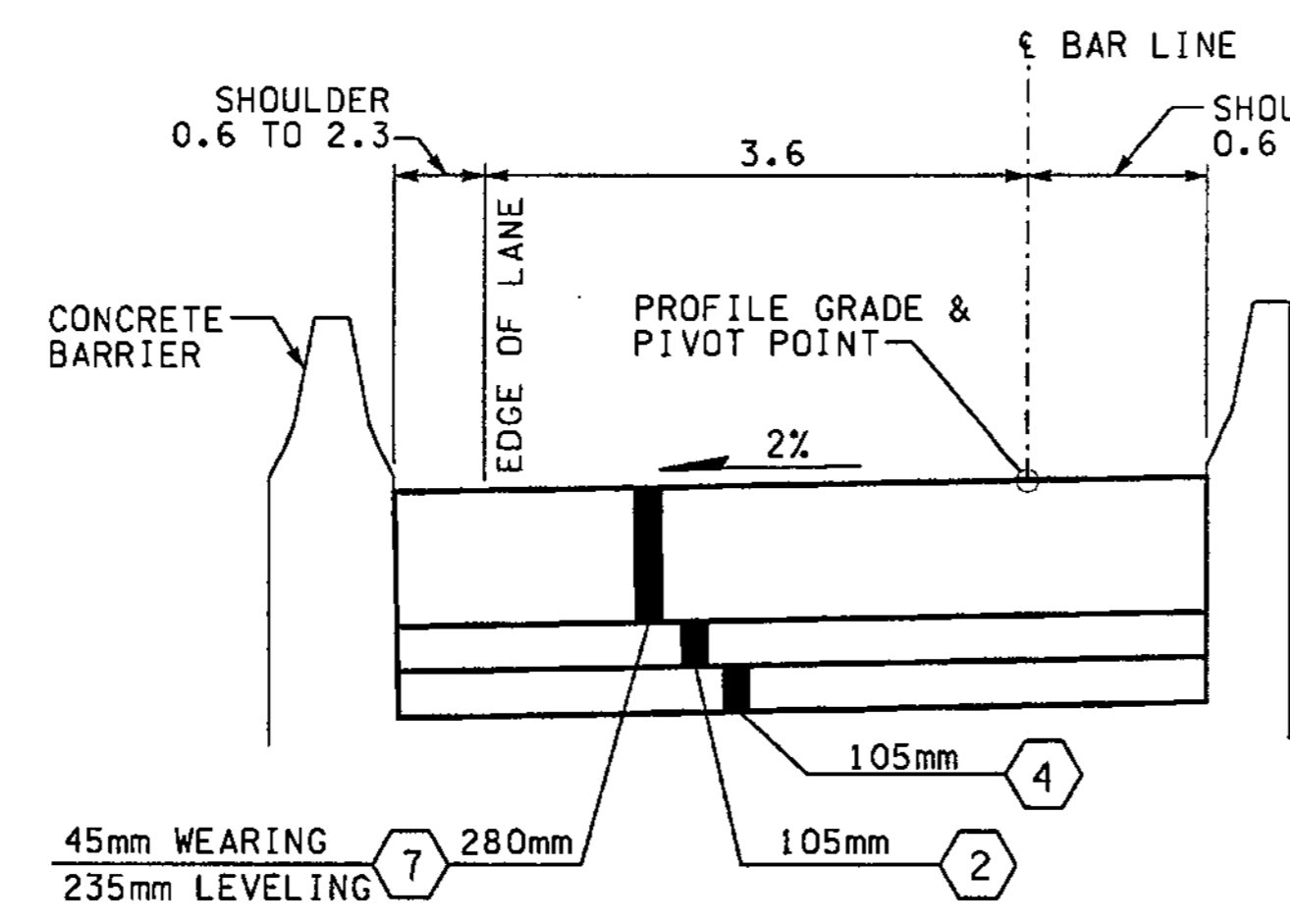
DESIGNED BY	GEW	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.	
ENTERED BY	MJB	12/02	JOB NUMBER	02A012	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER			
CHECKED BY	JRS	12/02	CONTRACT NO.		Washington State Department of Transportation			
PROJ. ENGR.	D. CIERI	12/02	DATE		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.			
REGIONAL ADM.	D. DYE	12/02	REVISION		ROADWAY SECTIONS			
			BY		SHEET NO. RS8			
					33 OF 1152 SHEETS			



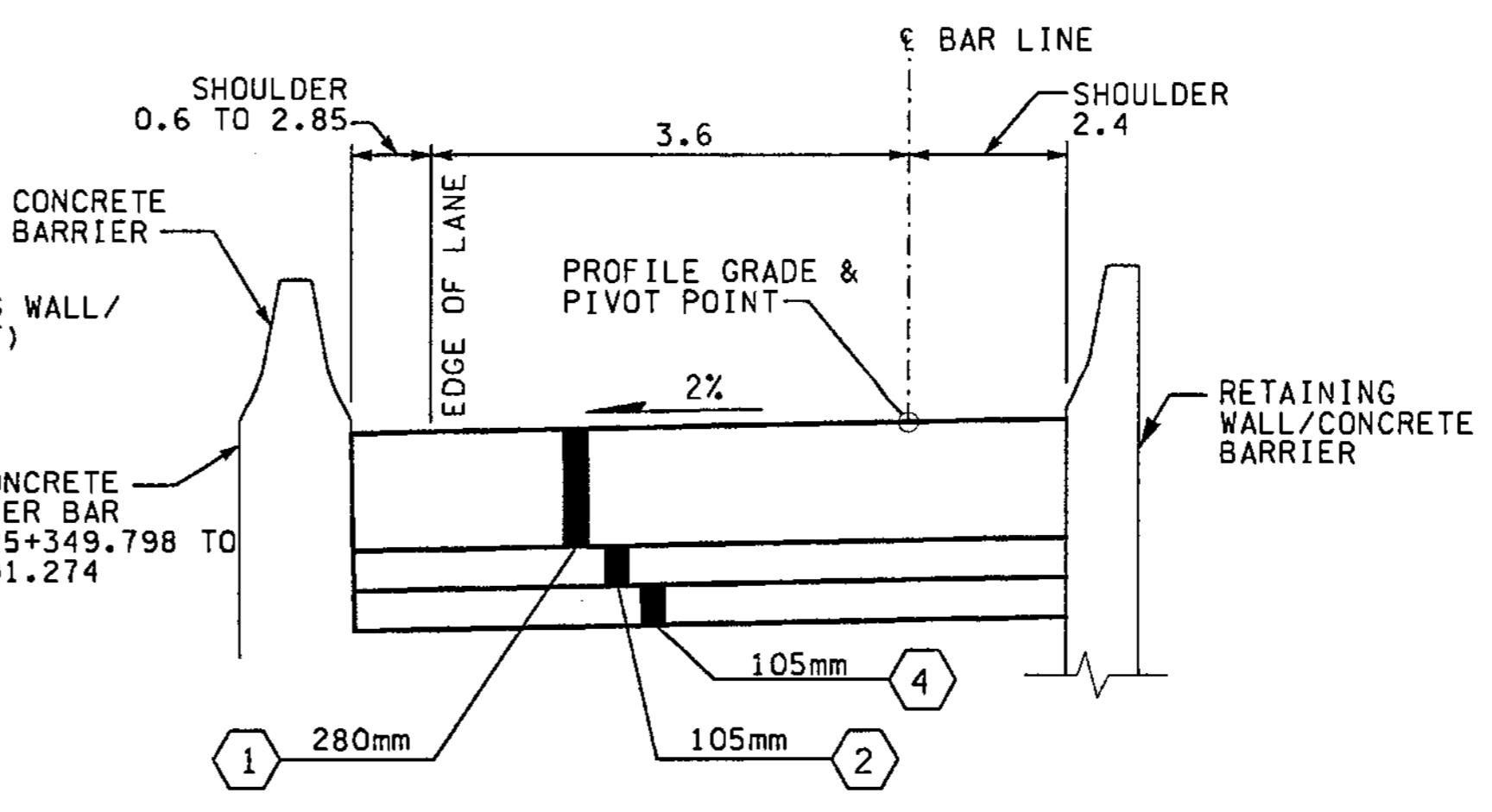
C:\PWTEMP\dms00326\RS009\_C2.dgn  
 PLOT --  
 03/25/2003 09:52:57 AM  
 ikeller



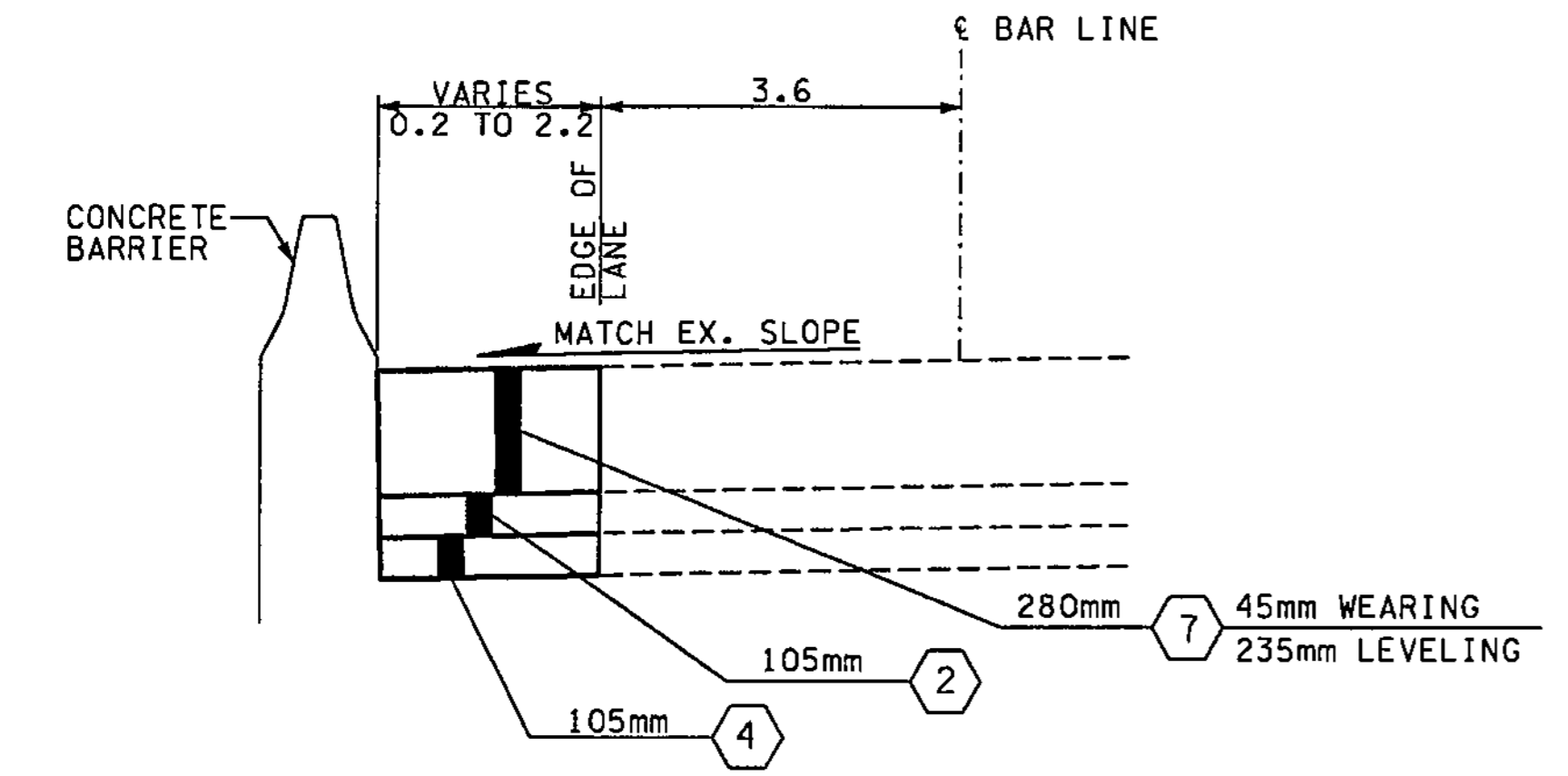
**ROADWAY SECTION C-2**  
 BAR 25+155.000 TO 25+175.000  
 BAR 25+523.000 TO 25+537.000



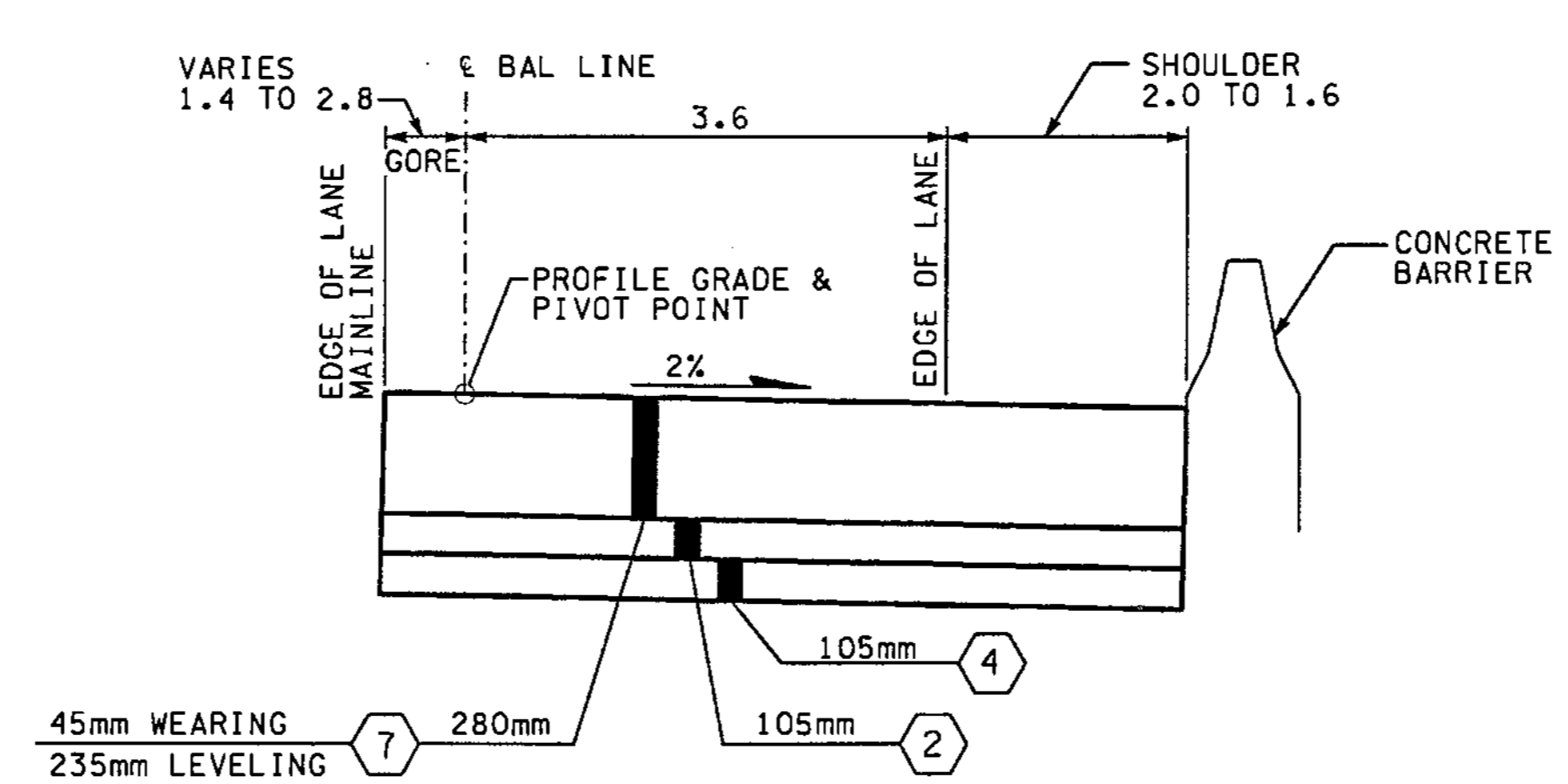
**ROADWAY SECTION C-3**  
 BAR 25+175.000 TO 25+300.000  
 BAR 25+426.422 TO 25+523.000



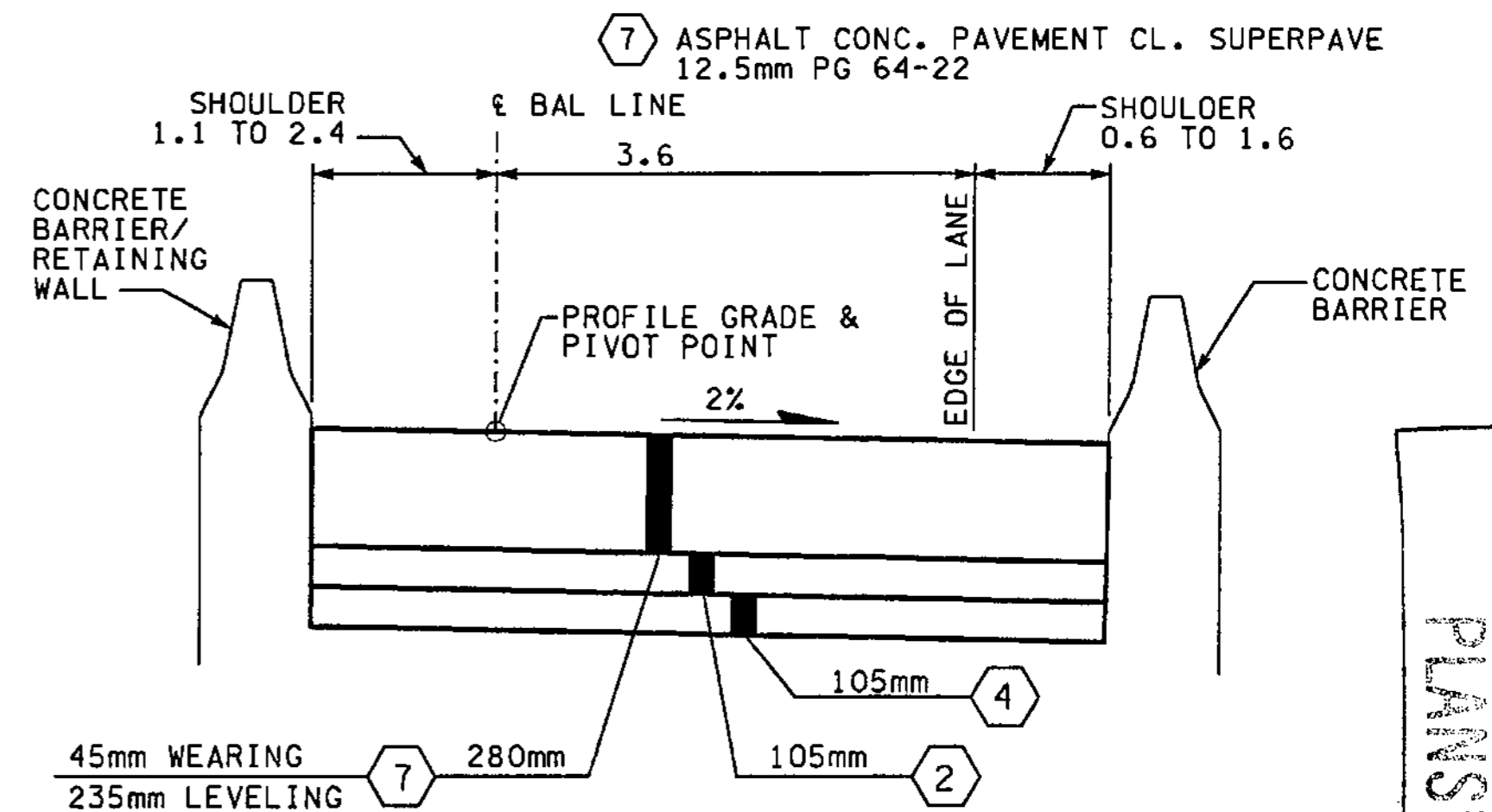
**ROADWAY SECTION C-4**  
 BAR 25+300.000 TO 25+426.422



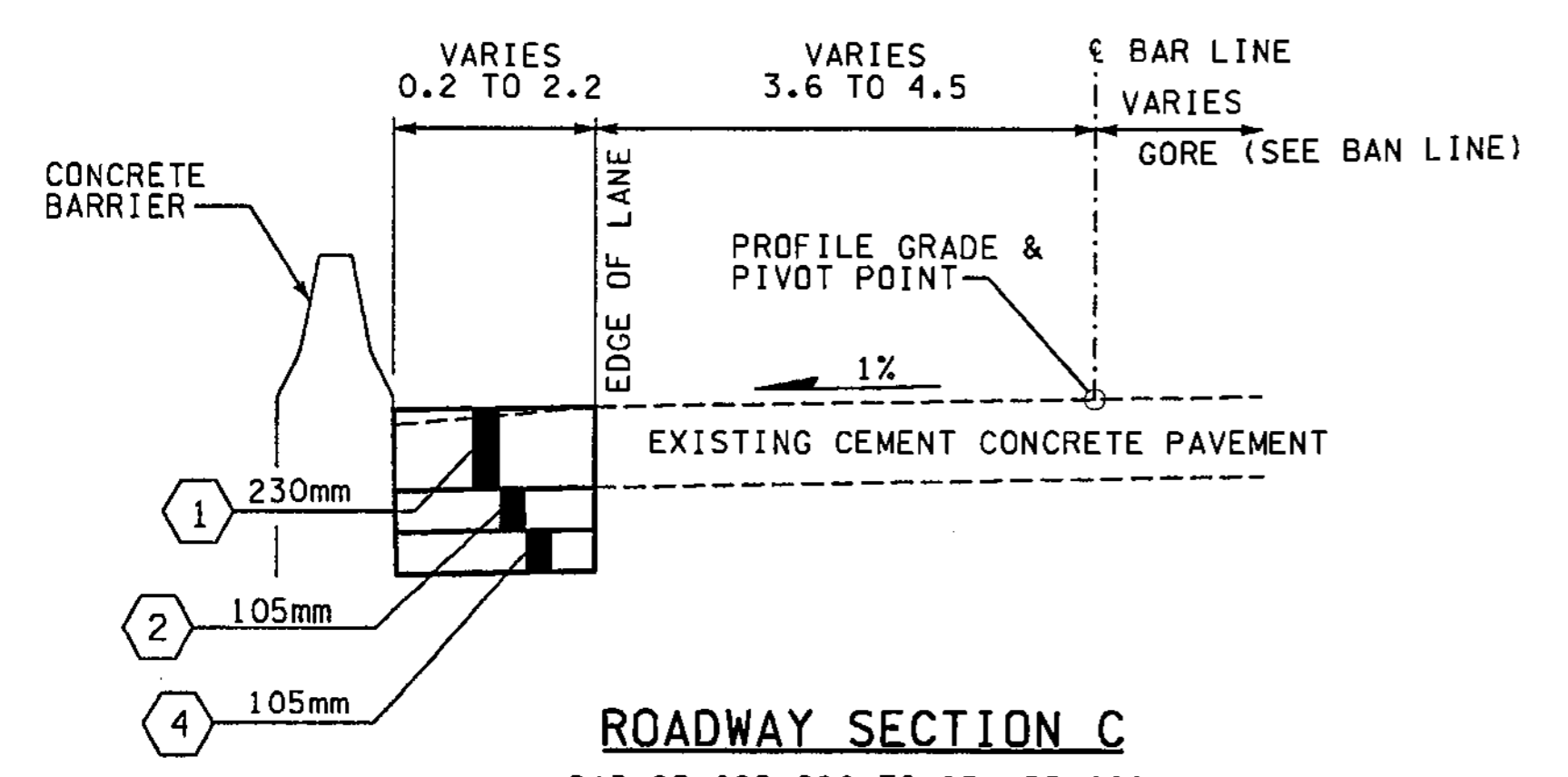
**ROADWAY SECTION C-1**  
 BAR 25+537.000 TO 25+552.358  
 BAR 25+552.358 TO 25+589.046 (NO ROADWAY WORK)



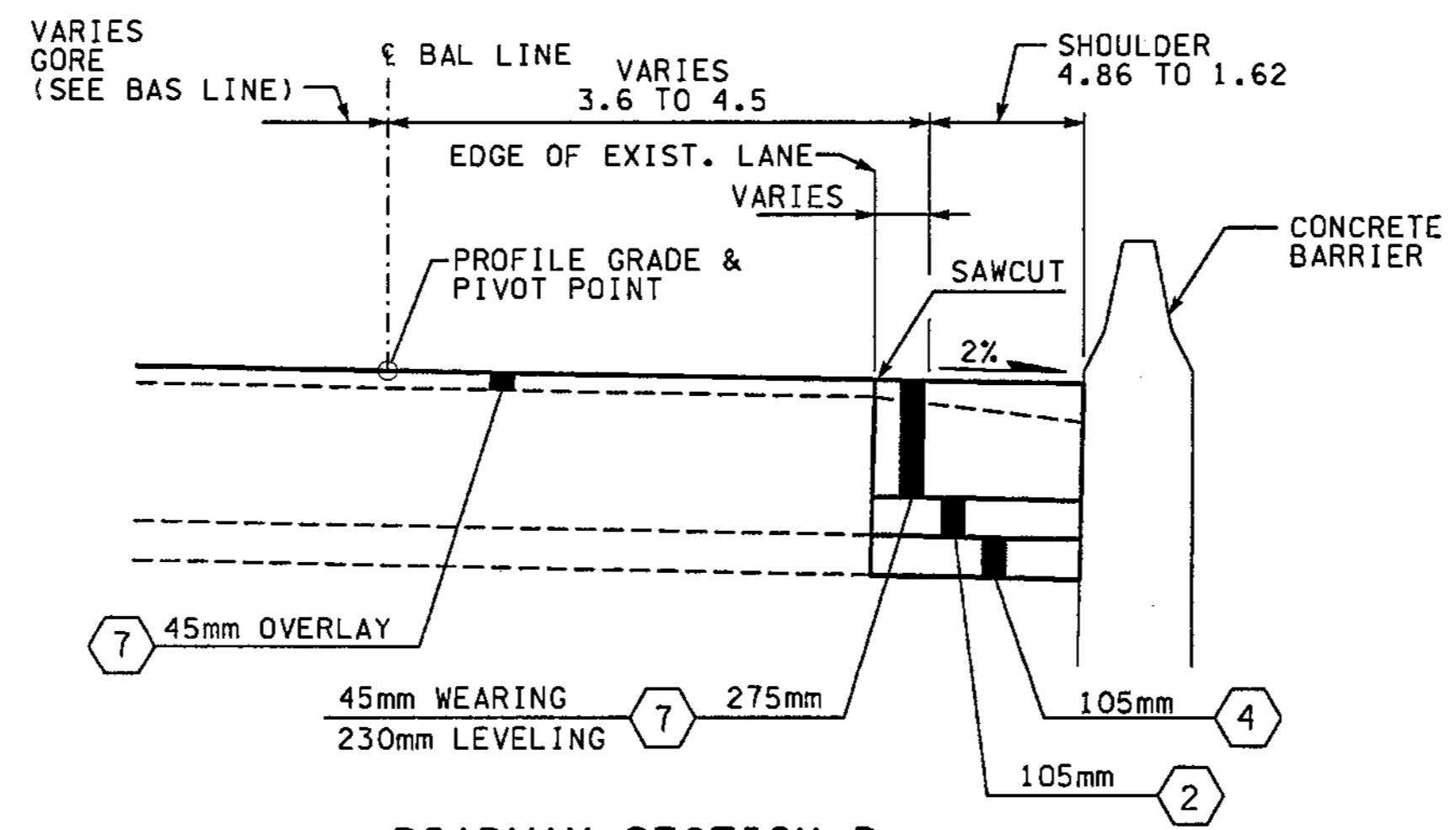
**ROADWAY SECTION D-1**  
 BAL 25+088.000 TO 25+107.190



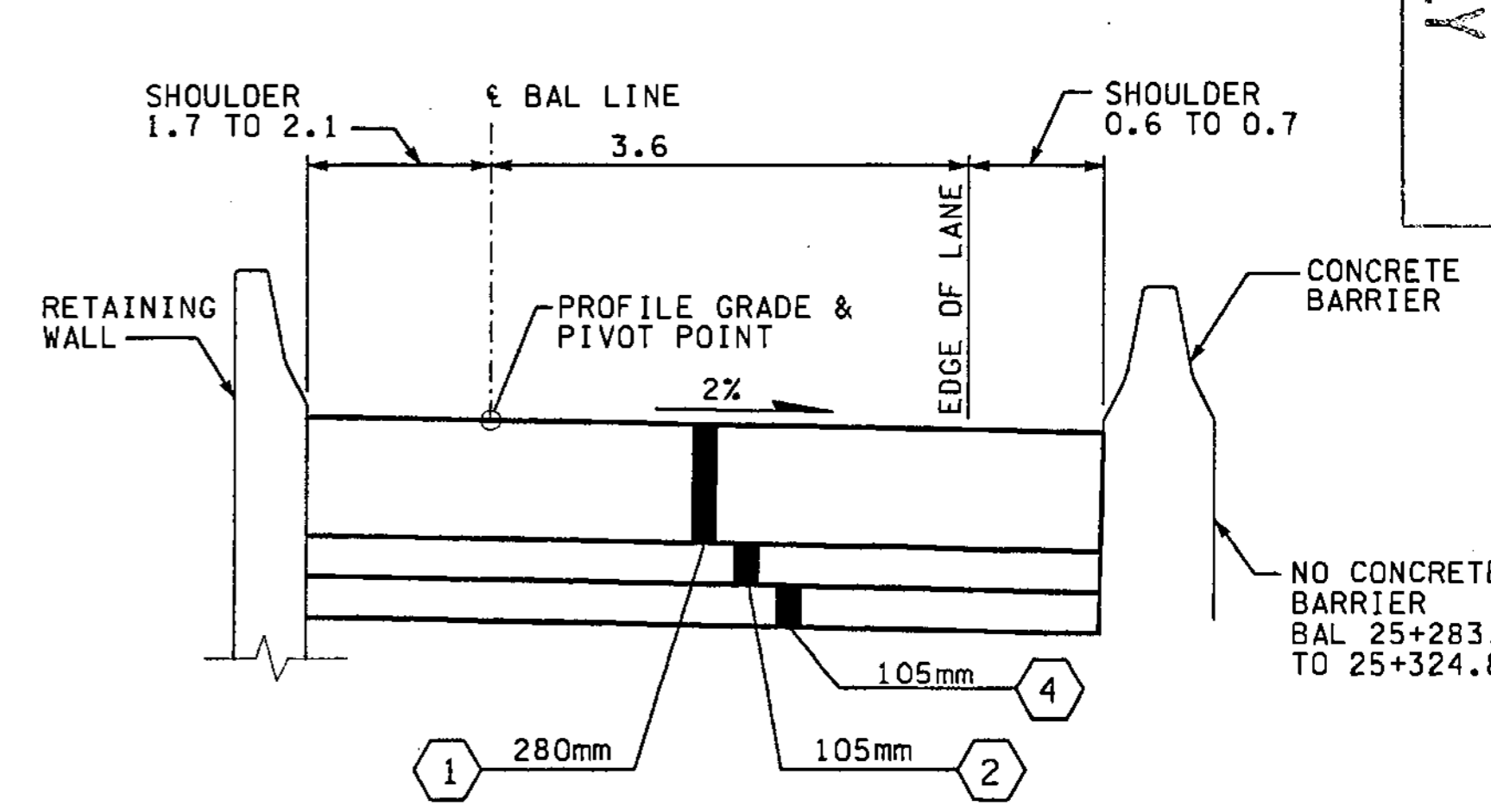
**ROADWAY SECTION D-3**  
 BAL 25+107.190 TO 25+233.000  
 BAL 25+360.000 TO 25+475.200



**ROADWAY SECTION C**  
 BAR 25+022.026 TO 25+155.000  
 BAR 25+589.046 TO 25+675.665



**ROADWAY SECTION D**  
 BAL 24+962.197 TO 25+088.000  
 BAL 25+475.200 TO 25+486.227  
 BAL 25+486.227 TO 25+522.688 (NO ROADWAY WORK)  
 BAL 25+522.688 TO 25+567.558



**ROADWAY SECTION D-2**  
 BAL 25+233.000 TO 25+268.515  
 BAL 25+268.515 TO 25+322.114 (SEE BRIDGE APPROACH SLAB ON SHEET PV7, PVD7)  
 BAL 25+322.114 TO 25+360.000

- NOTES:**
- ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
  - SEE PAVING PLANS FOR C-CURB LOCATIONS.
  - SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
  - SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
  - GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

- LEGEND:**
- (1) CEMENT CONC. PAVEMENT
  - (2) ASPHALT CONC. PAVEMENT CL. A. PG 64-22
  - (3) NOT USED
  - (4) CRUSHED SURFACING BASE COURSE
  - (5) NOT USED
  - (6) CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
  - (7) ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

FOR "AS CONSTRUCTED" PLANS ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY GEW	12/02	REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO <b>RS9</b>
ENTERED BY LLK	12/02	10	WASH					
CHECKED BY JRS	12/02	JOB NUMBER				ROADWAY SECTIONS	SHEET <b>34</b> OF <b>1152</b> SHEETS	
PROJ. ENGR. D. CIERI	12/02	02A012						
REGIONAL ADM. D. DYE	12/02	3/28/03	ADDED SHEET LOCATION	RGD				
	DATE	DATE	REVISION	BY				

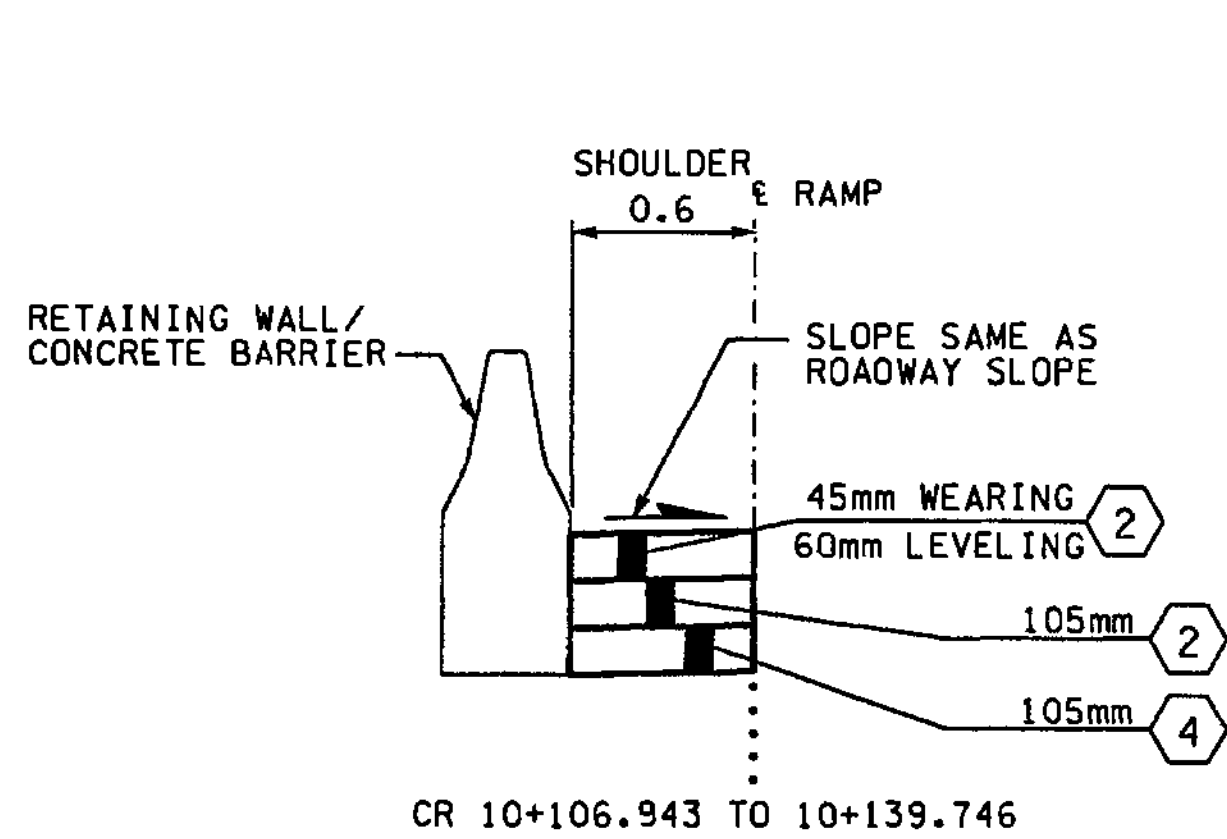


C:\PWTEMP\dms00326\RS010\_C2.dgn

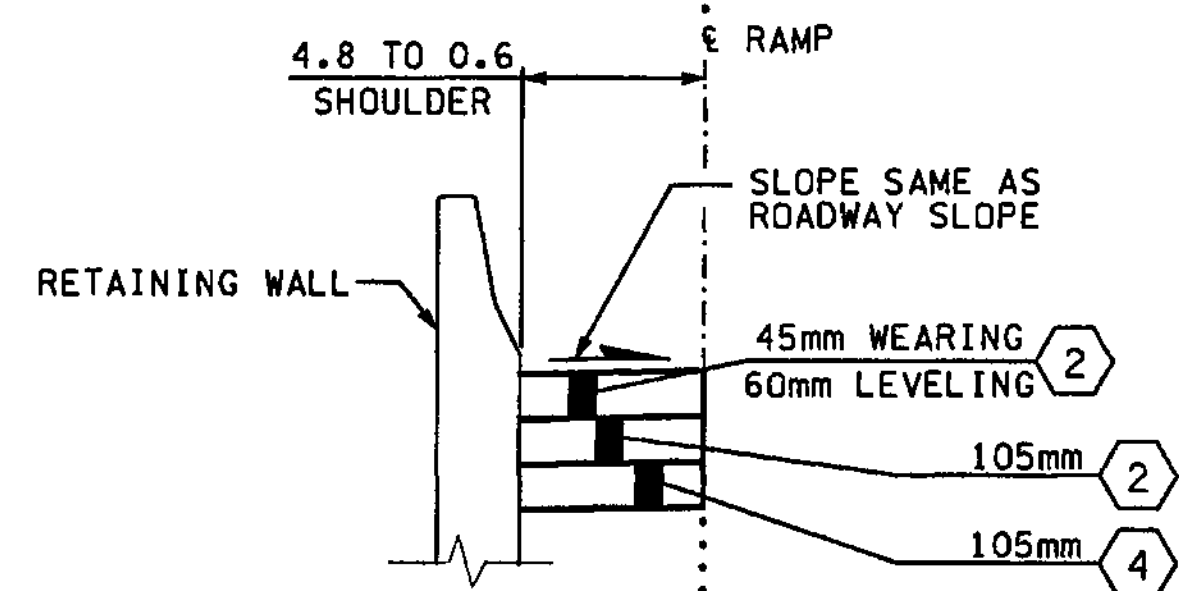
PLOT

11/27/2002 01:00:17 PM

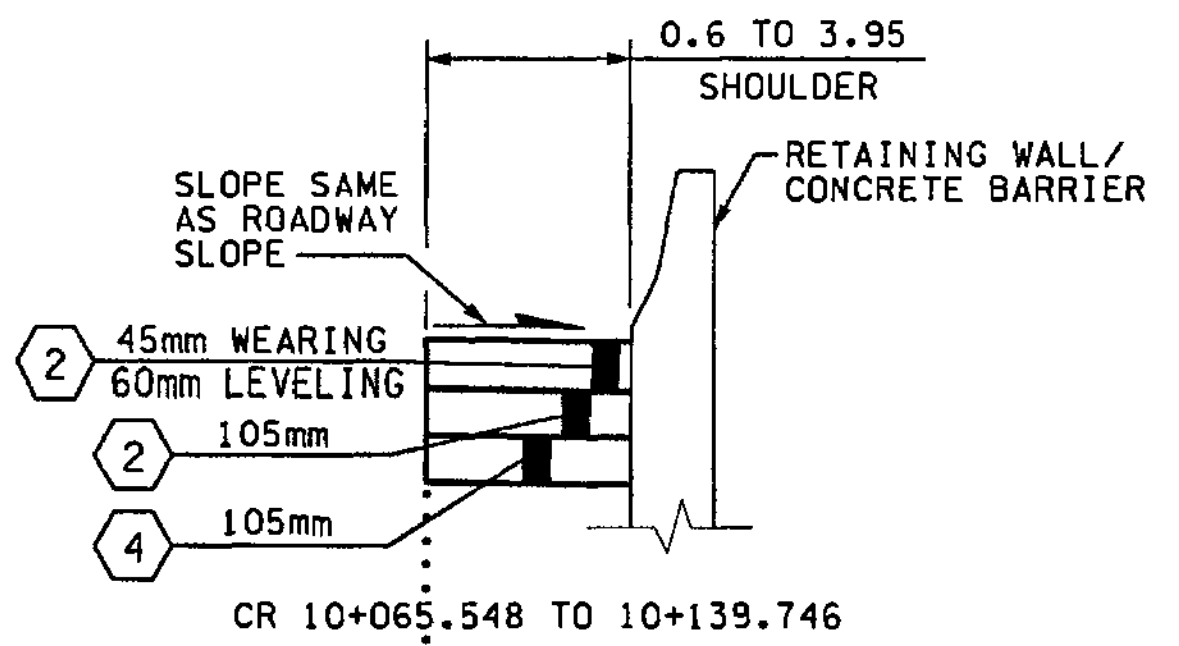
mbenson



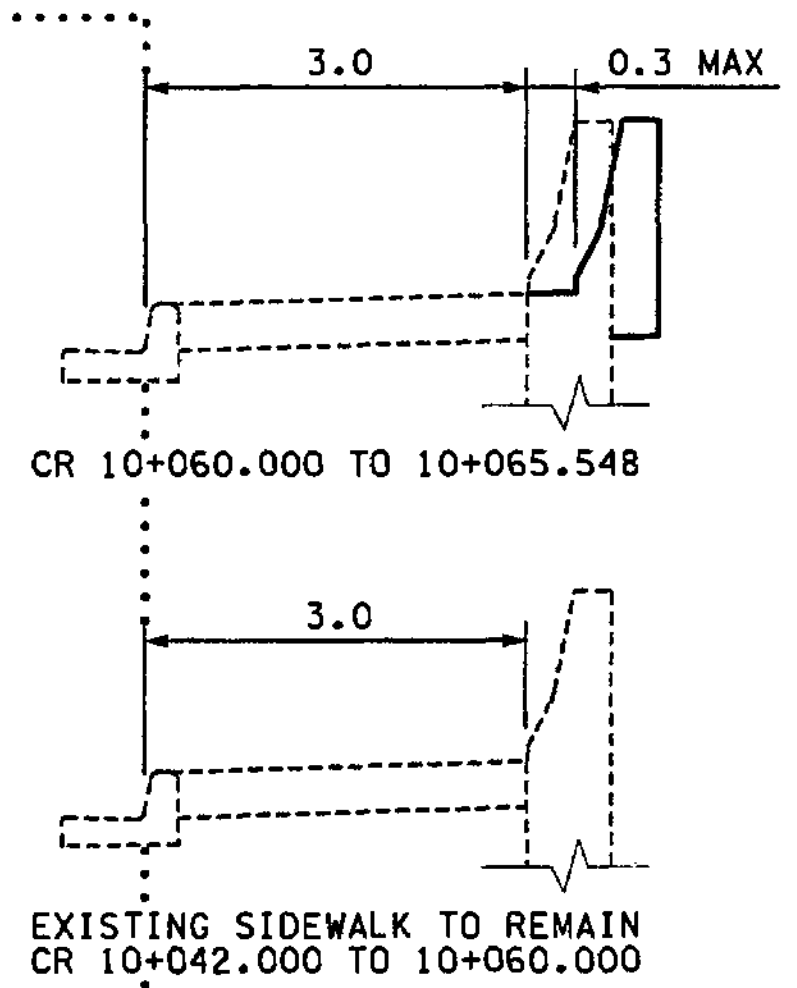
CR 10+106.943 TO 10+139.746



BR 15+320.000 TO 15+337.376  
CR 10+016.918 TO 10+106.943

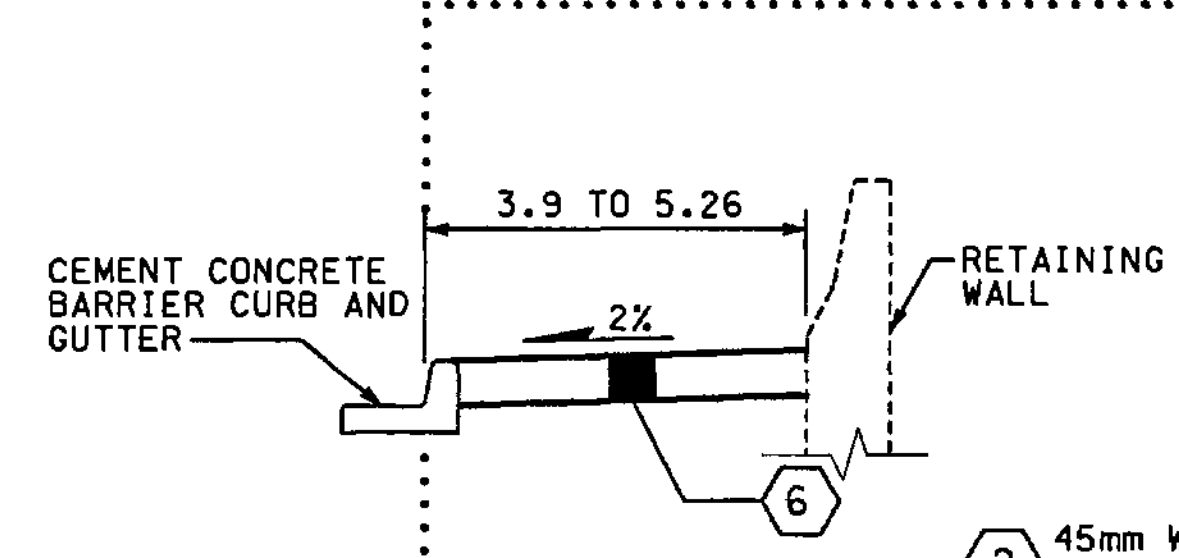


CR 10+065.548 TO 10+139.746

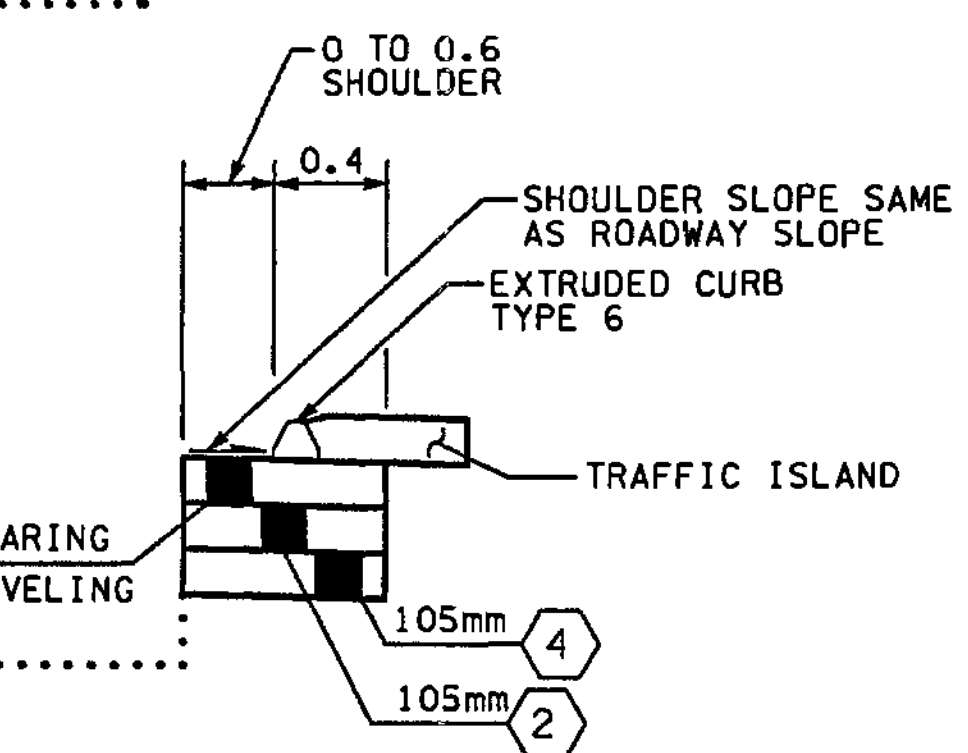


CR 10+060.000 TO 10+065.548

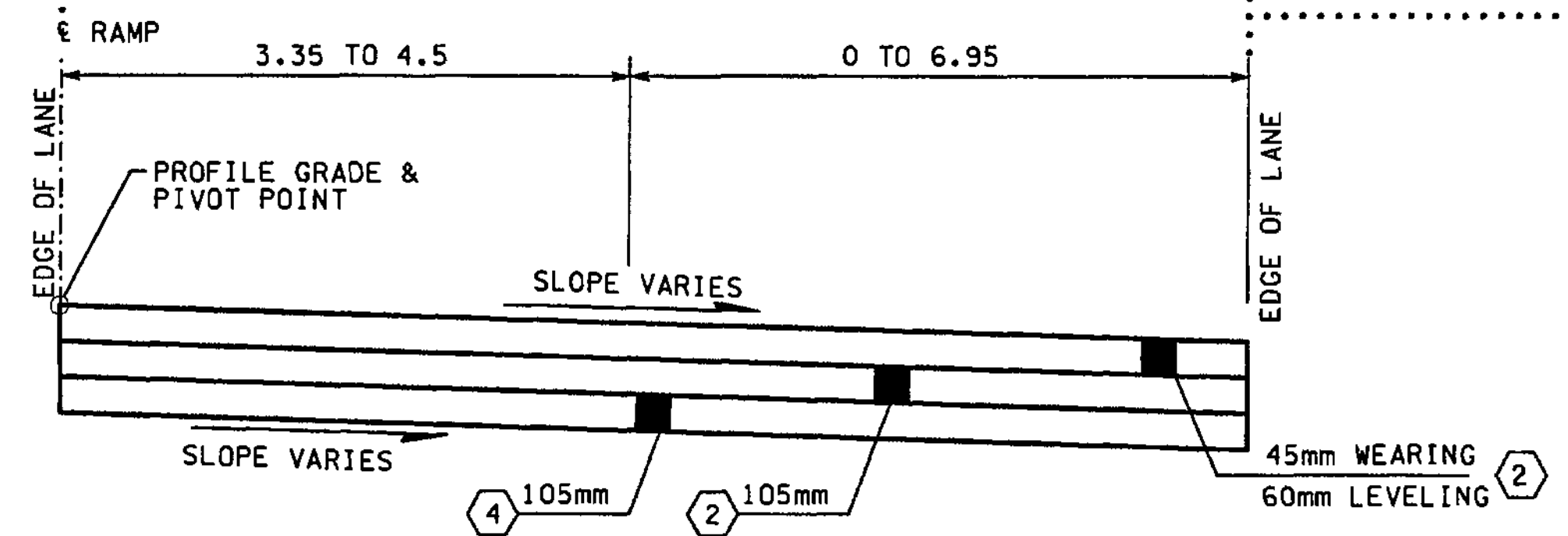
EXISTING SIDEWALK TO REMAIN  
CR 10+042.000 TO 10+060.000



CR 10+006.340 TO 10+042.000

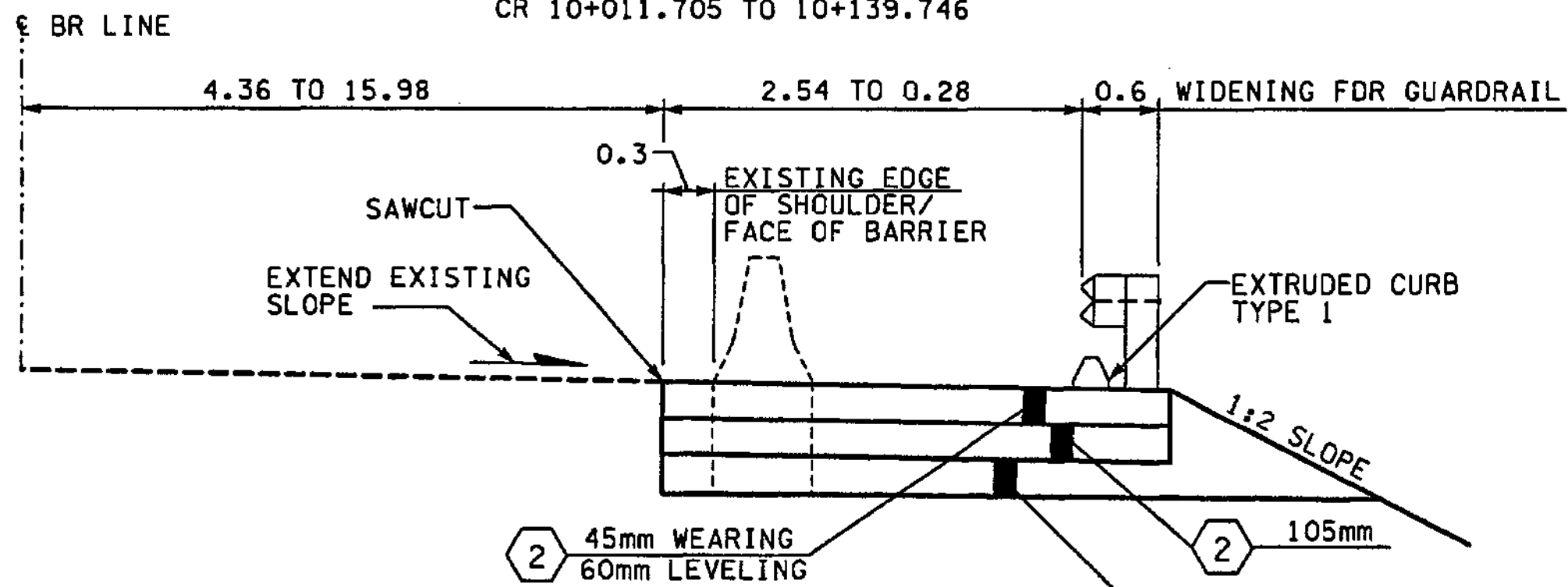


BR 15+320.000 TO 15+338.237



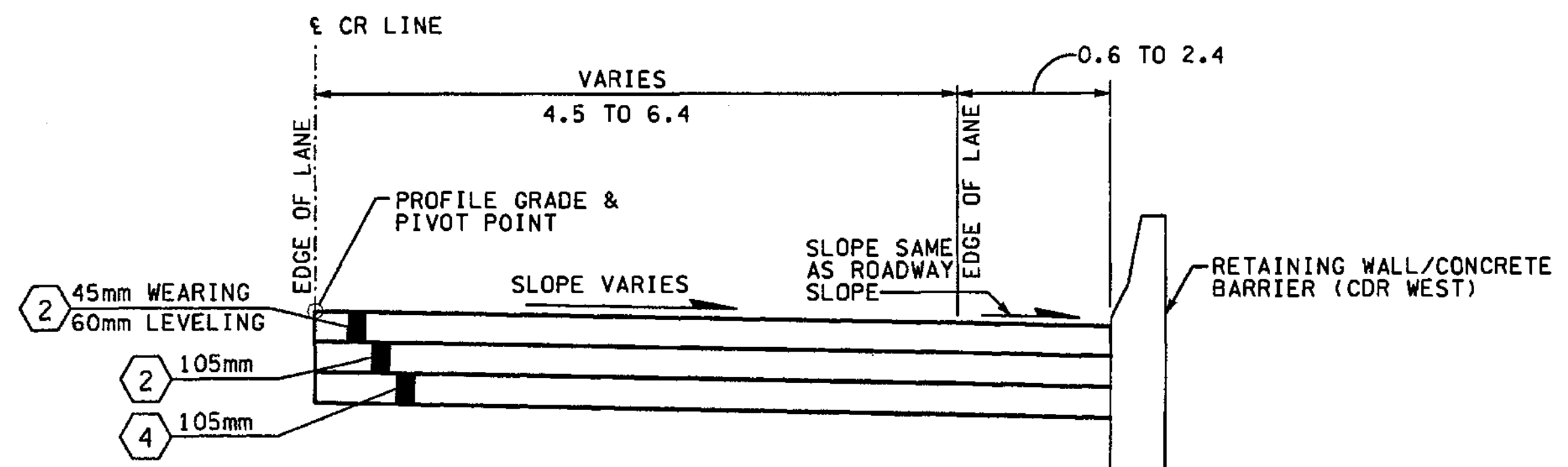
**ROADWAY SECTION E-1**

BR 15+320.000 TO 15+341.160  
CR 10+011.705 TO 10+139.746



**ROADWAY SECTION E**

BR 15+135.000 TO 15+301.146  
BR 15+301.146 TO 15+320.000 (NO ROADWAY WORK)



**ROADWAY SECTION E-2**

CR 10+139.746 TO 10+167.965

- NOTES:**
1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
  2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
  3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
  4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
  5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

- LEGEND:**
- ① CEMENT CONC. PAVEMENT
  - ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
  - ③ NOT USED
  - ④ CRUSHED SURFACING BASE COURSE
  - ⑤ NOT USED
  - ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
  - ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			
ENTERED BY	LLK	12/02			
CHECKED BY	JRS	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

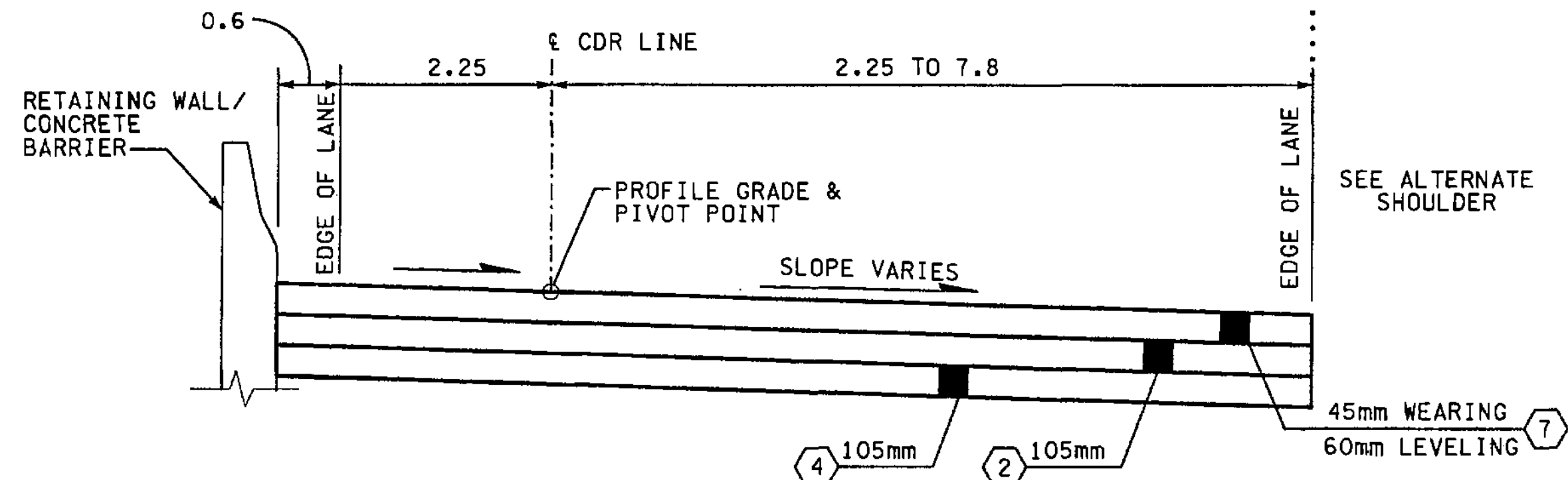
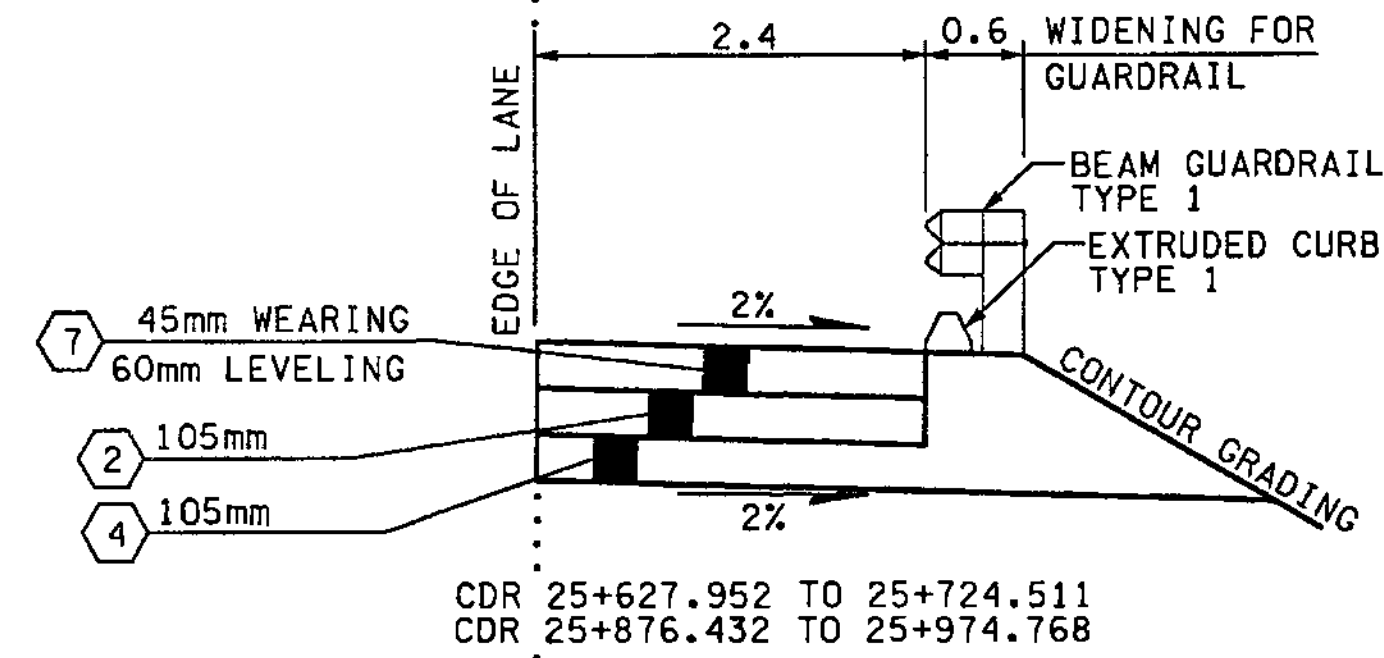
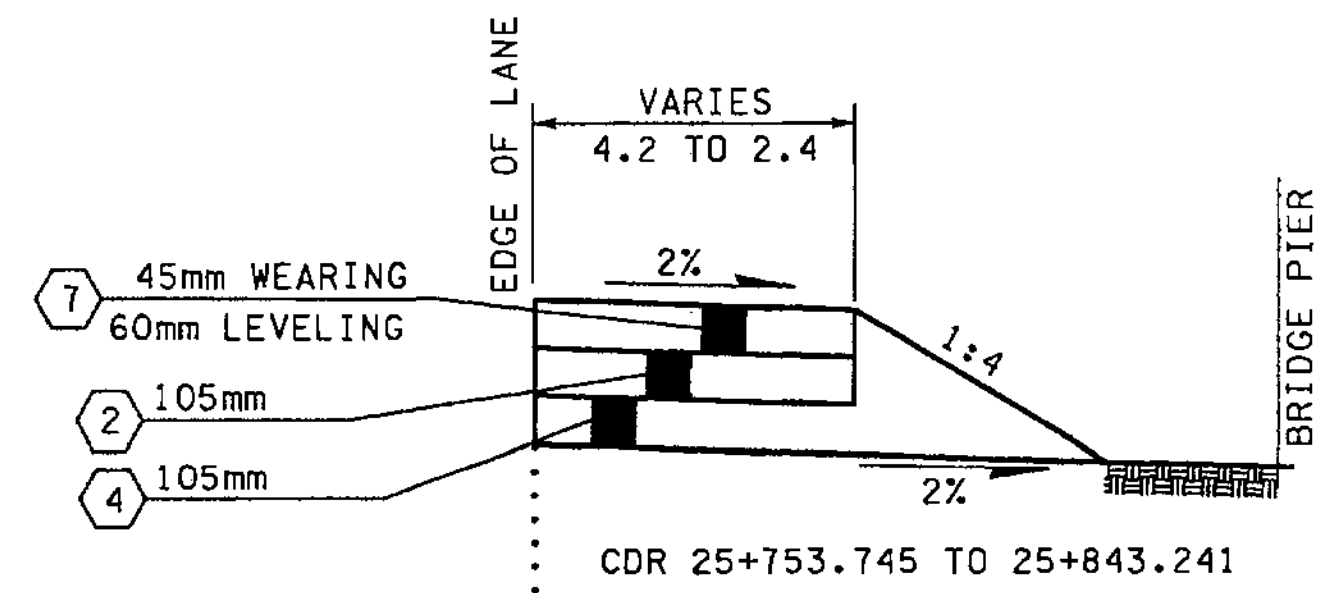
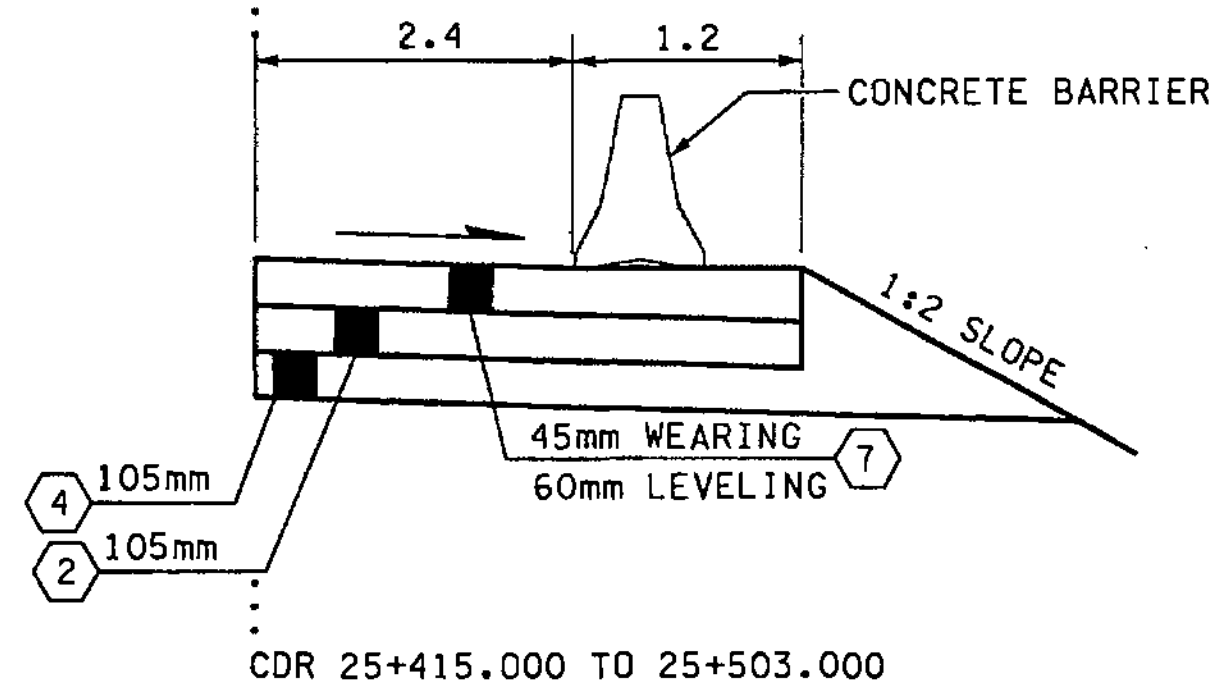
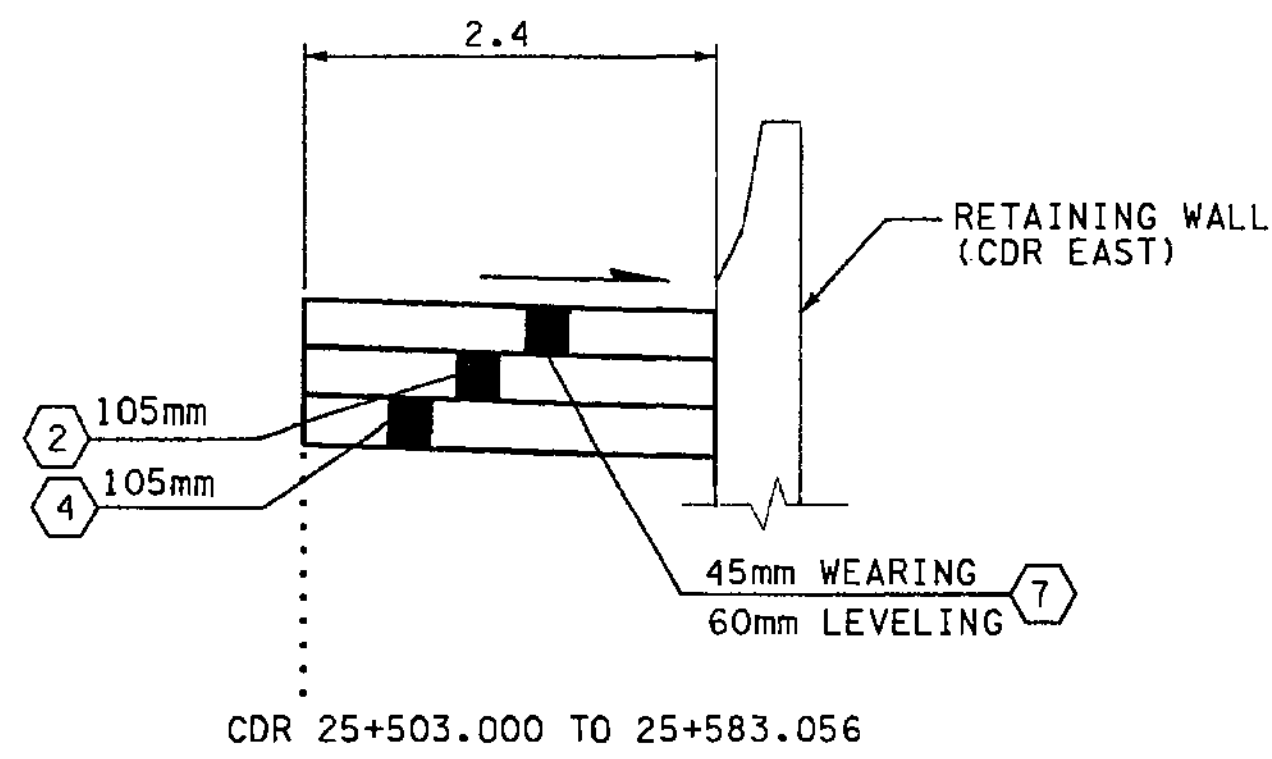
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

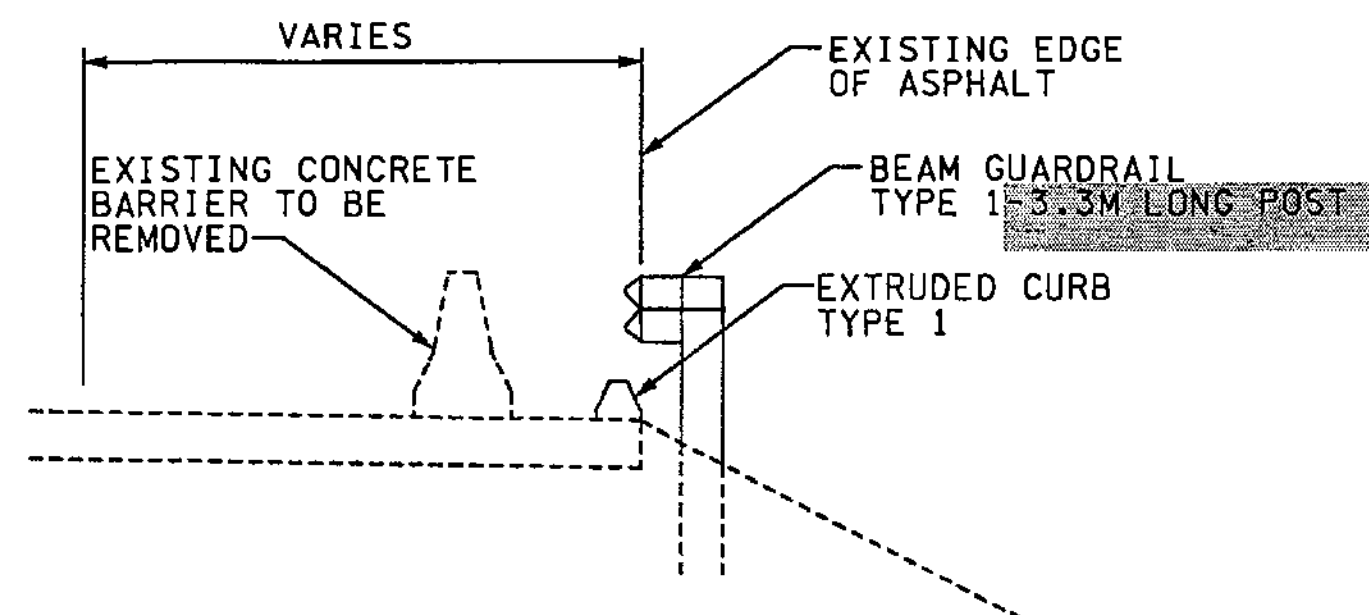
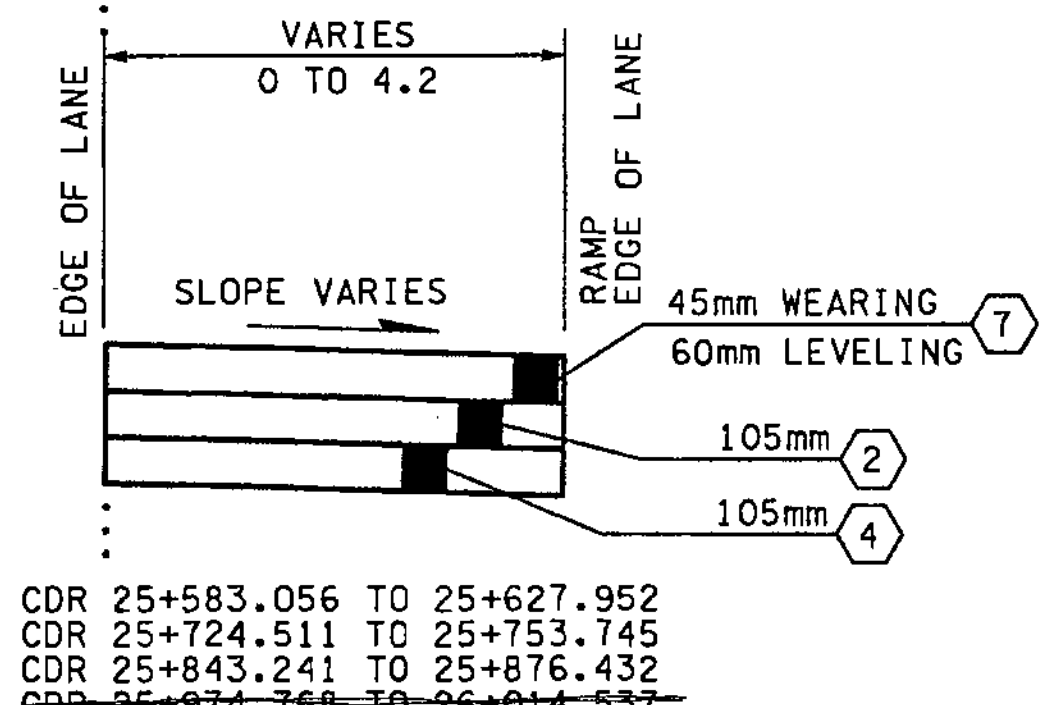
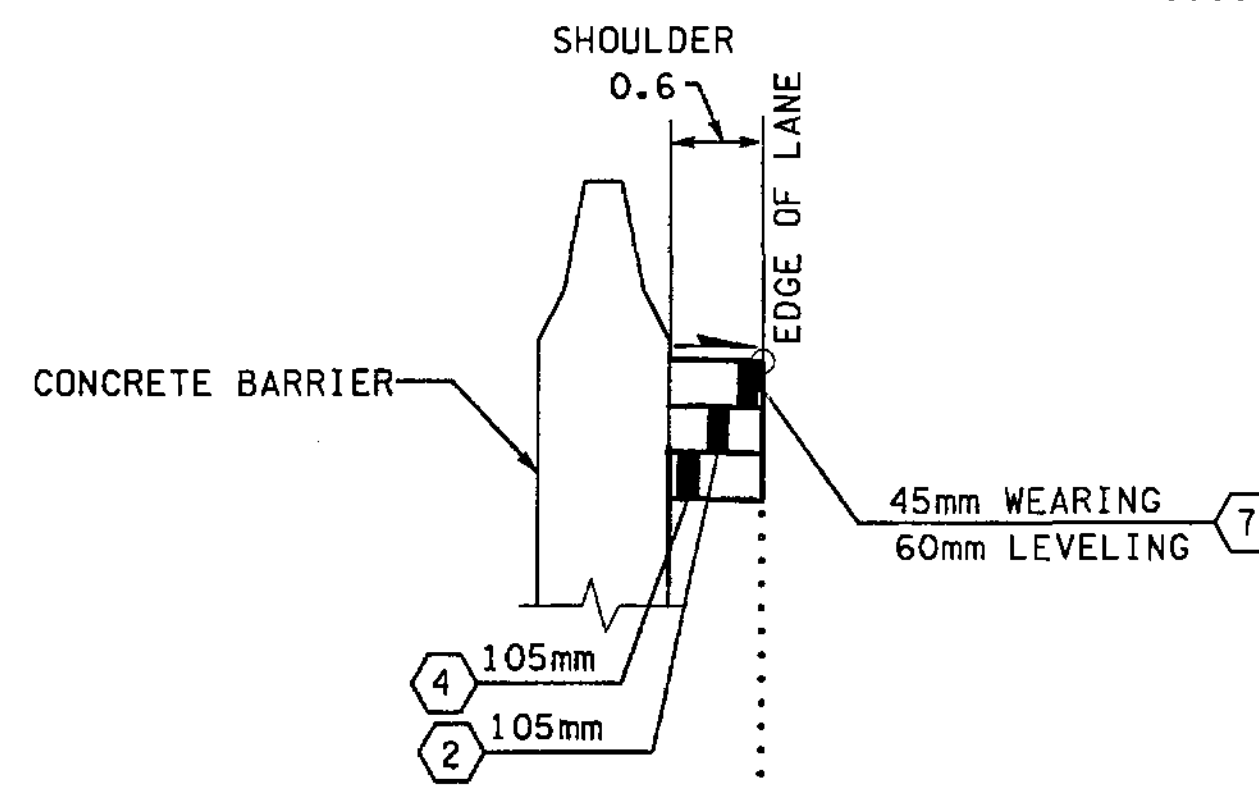
ROADWAY SECTIONS

SHEET NO. RS10

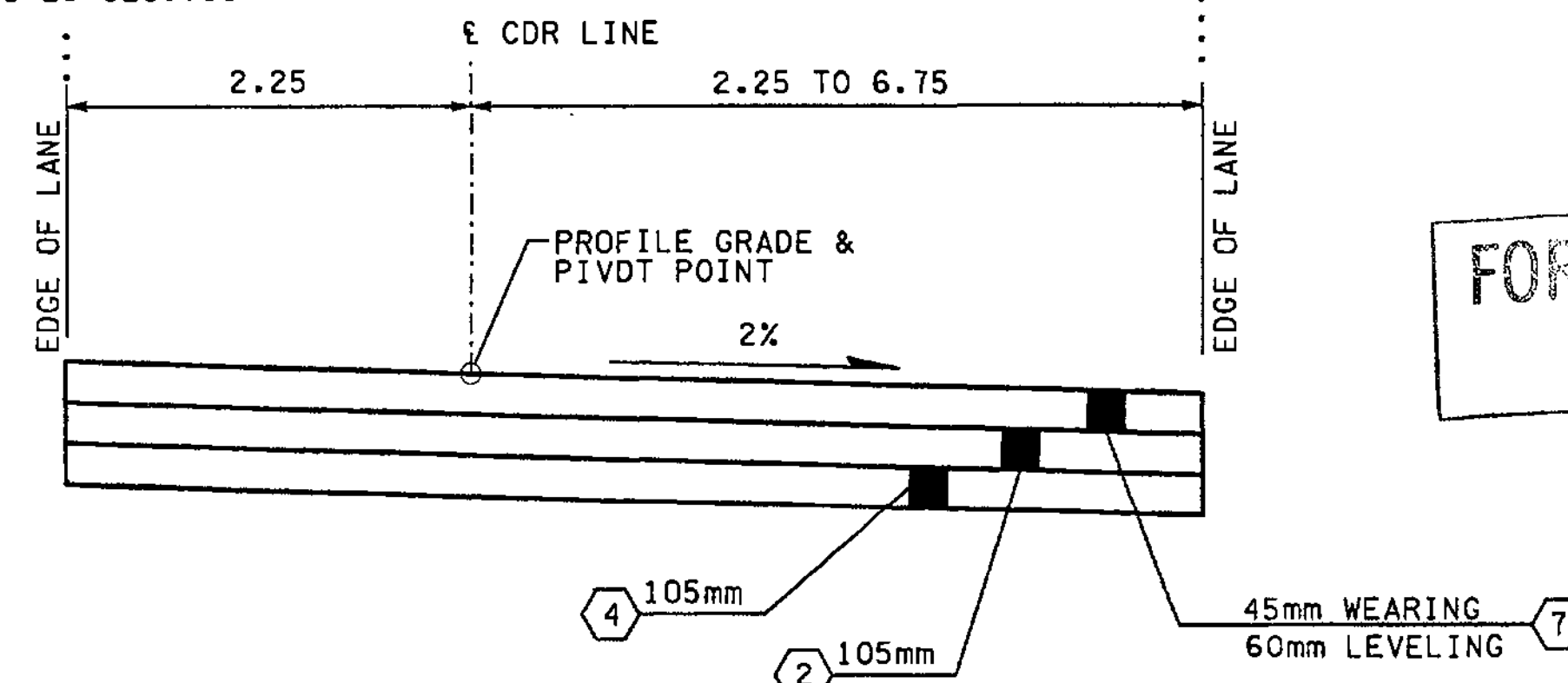
SHEET 35 OF 1152 SHEETS



**ROADWAY SECTION F**  
CDR 25+415.000 TO 25+583.056



**GUARDRAIL PLACEMENT**  
CDR 25+100.000 TO 25+214.000



**ROADWAY SECTION F-1**  
CDR 25+583.056 TO 26+014.537  
25+974.768

FOR "AS CONSTRUCTED PLANS" ONLY

**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

- (1) CEMENT CONC. PAVEMENT
- (2) ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- (3) NOT USED
- (4) CRUSHED SURFACING BASE COURSE
- (5) NOT USED
- (6) CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- (7) ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			REGION NO.	STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  Washington State Department of Transportation  HDR ENGINEERING INC.	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.  ROADWAY SECTIONS	SHEET NO.	RS11
ENTERED BY	MJB	12/02			10	WASH					SHEET	36
CHECKED BY	JRS	12/02			JOB NUMBER	02A012					OF	152
PROJ. ENGR.	D. CIERI	12/02			CONTRACT NO.						SHEETS	152
REGIONAL ADM.	D. DYE	12/02	3/28/03	REVISED NOTE	RGD							
DATE			DATE	REVISION	BY							

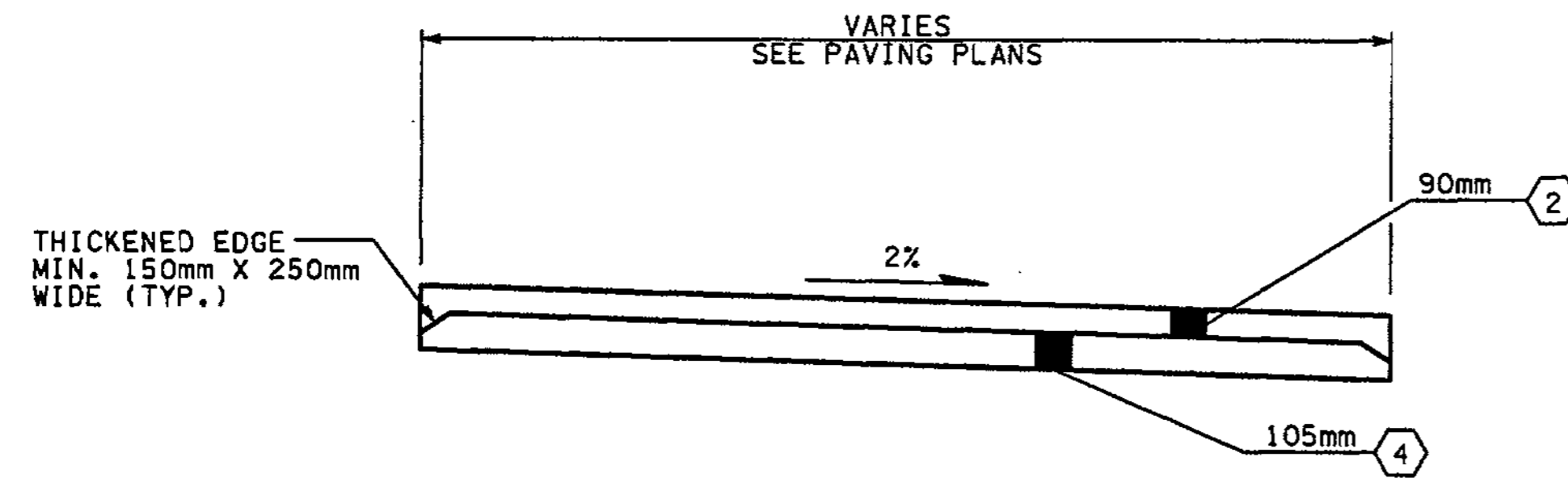


C:\PWTEMP\dms00326\RS012\_C2.dgn

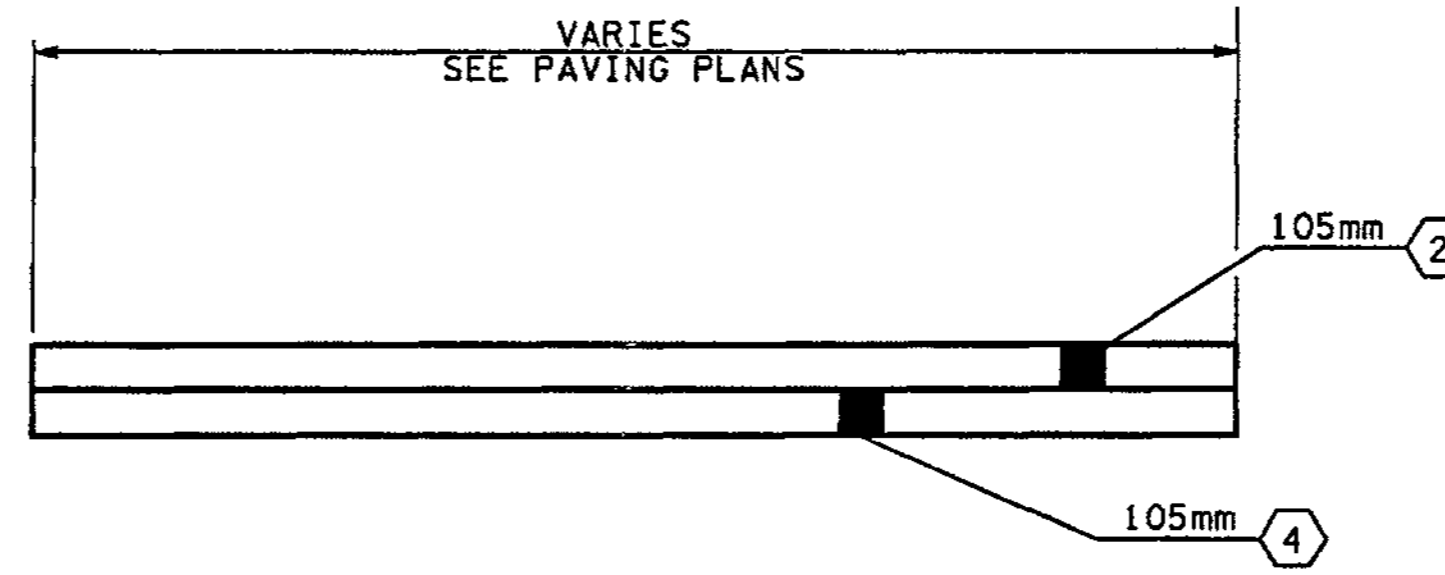
PLOT...

11/27/2002 01:00:28 PM

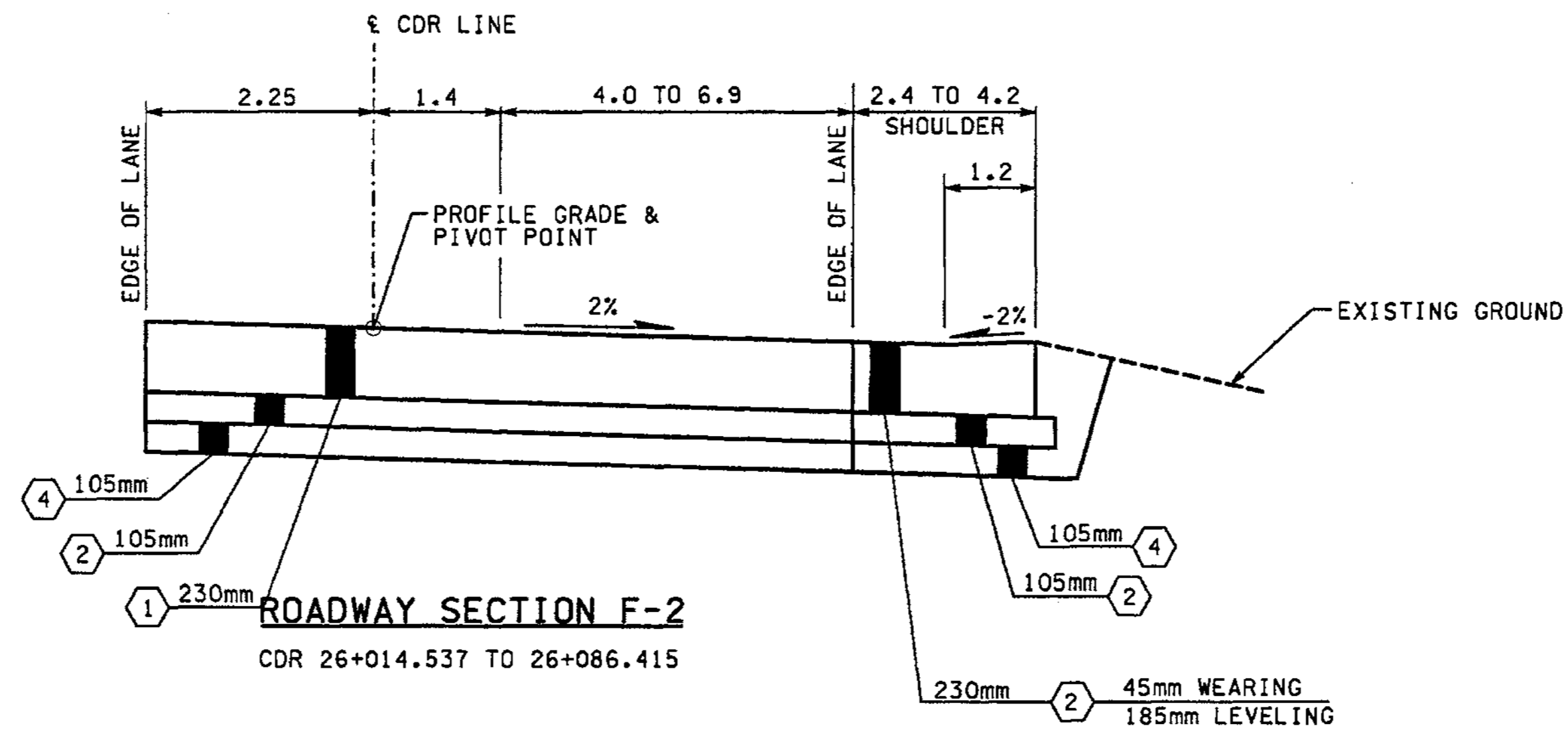
mbenson



**BIKE PATH SECTION 0**  
BKL 10+009.419 TO 10+191.057



**DRIVEWAY APPROACH SECTION P**  
DRV 10+000.000 TO 10+048.521



**ROADWAY SECTION F-2**  
CDR 26+014.537 TO 26+086.415

**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. ROADWAY SECTIONS	SHEET NO.	RS12	
ENTERED BY	MJB	12/02		10	WASH		JOB NUMBER				02A012	SHEET NO.	37
CHECKED BY	JRS	12/02					CONTRACT NO.					SHEET NO.	1152
PROJ. ENGR.	D. CIERI	12/02										SHEETS	1152
REGIONAL ADM.	D. DYE	12/02											
		DATE	DATE	REVISION	BY								

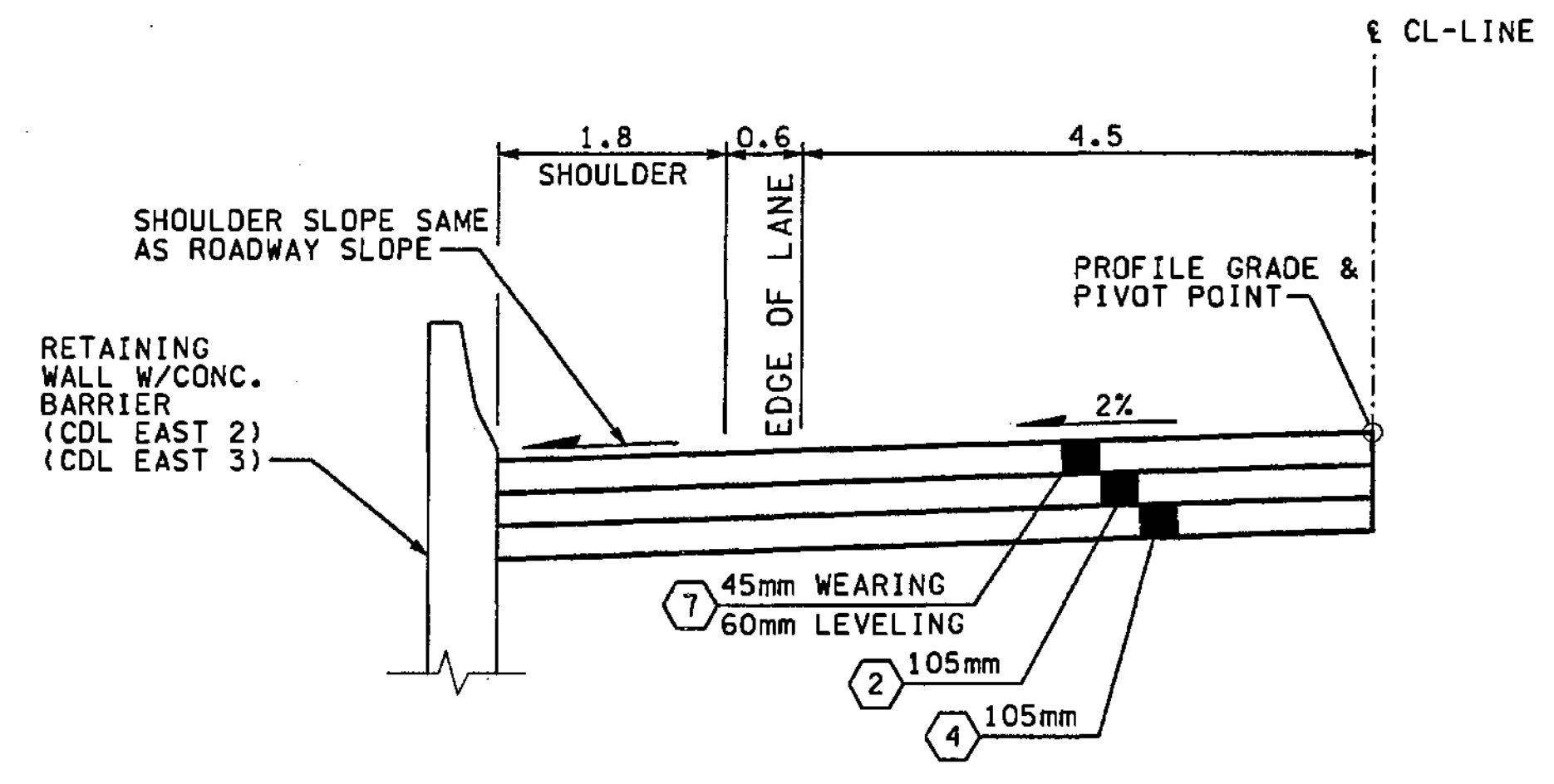
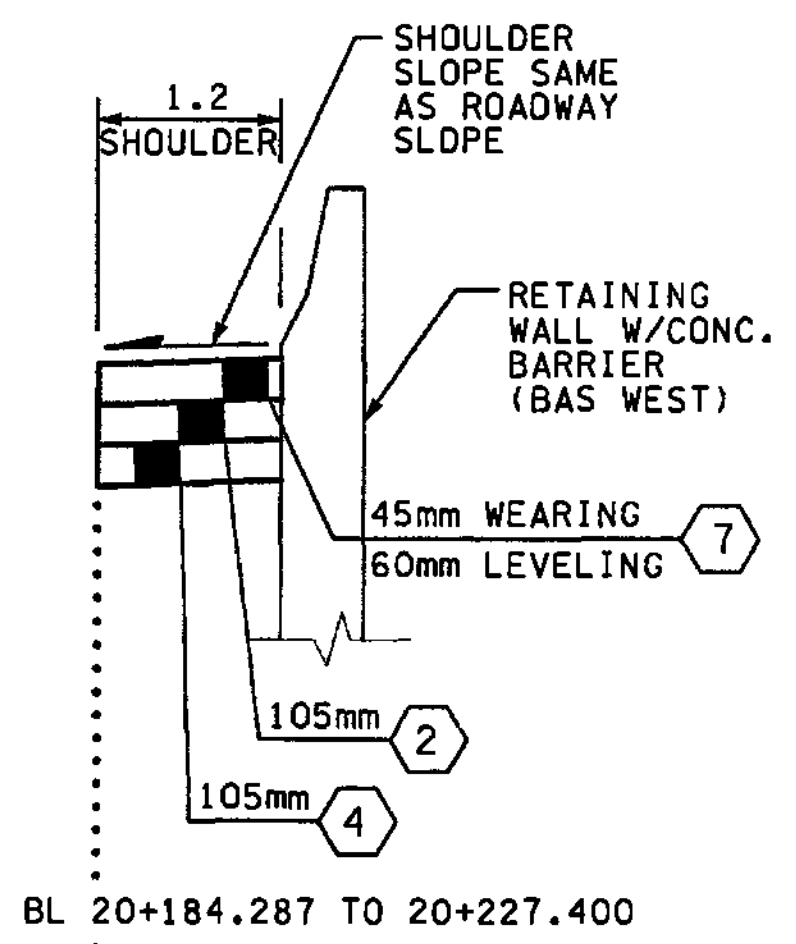
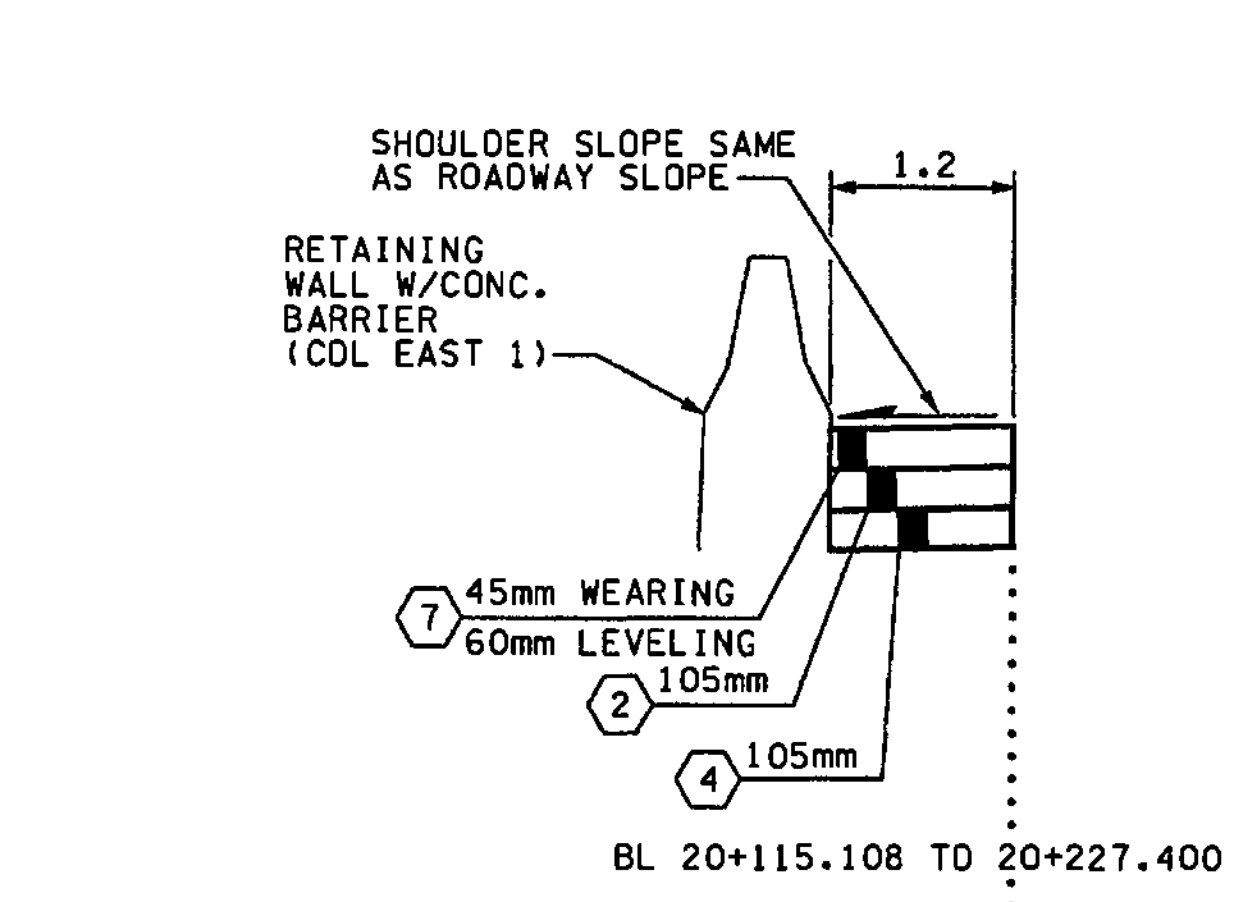
C:\PWTEMP\dms00326\RS013\_C2.dgn  
PLOT--  
11/27/2002 01:00:34 PM  
mbenson

**NOTES:**

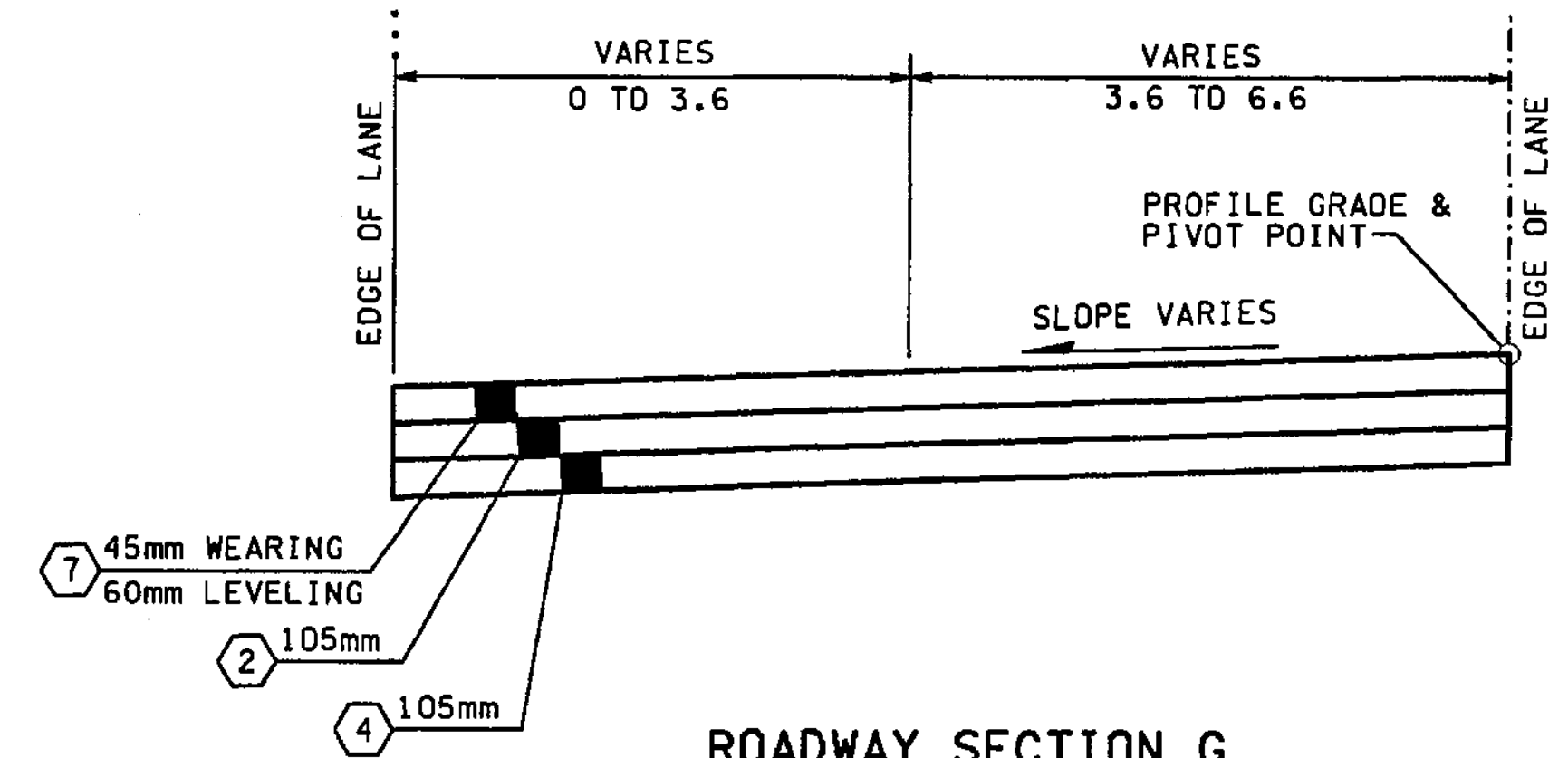
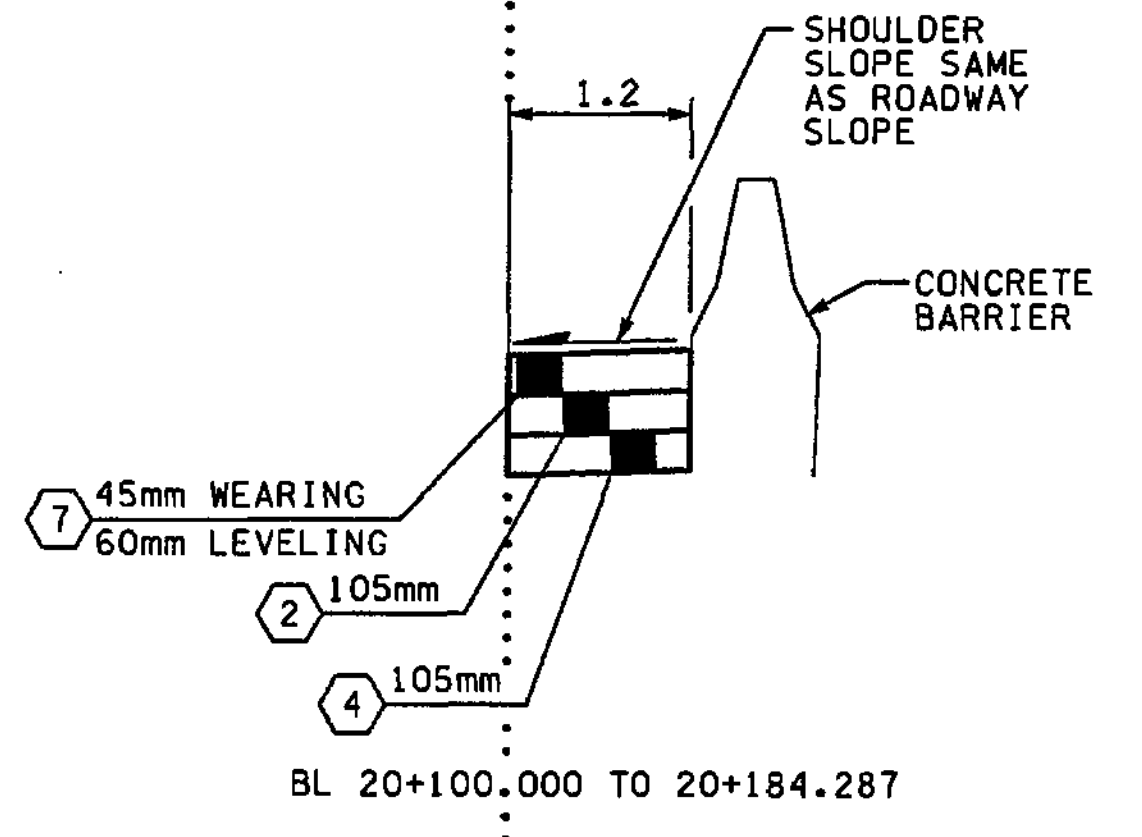
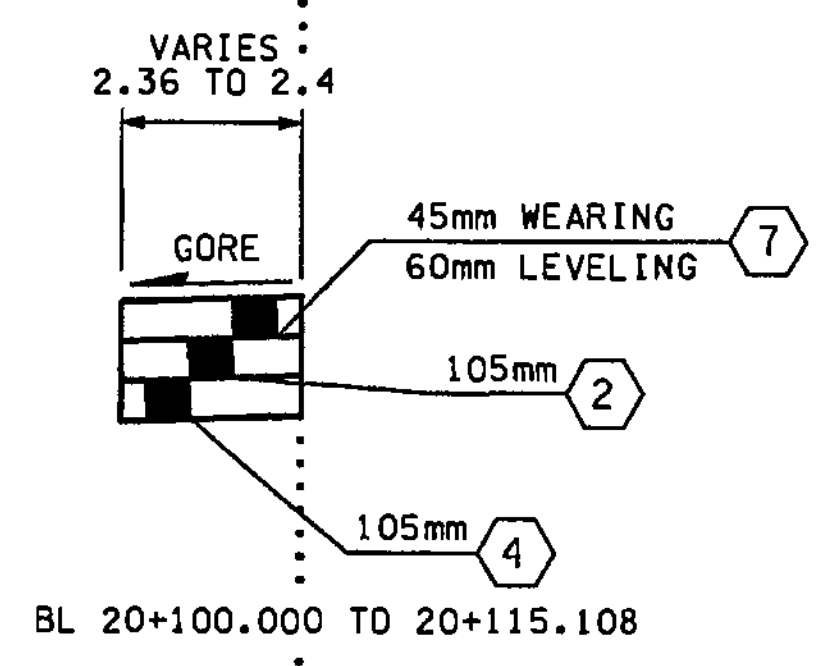
1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

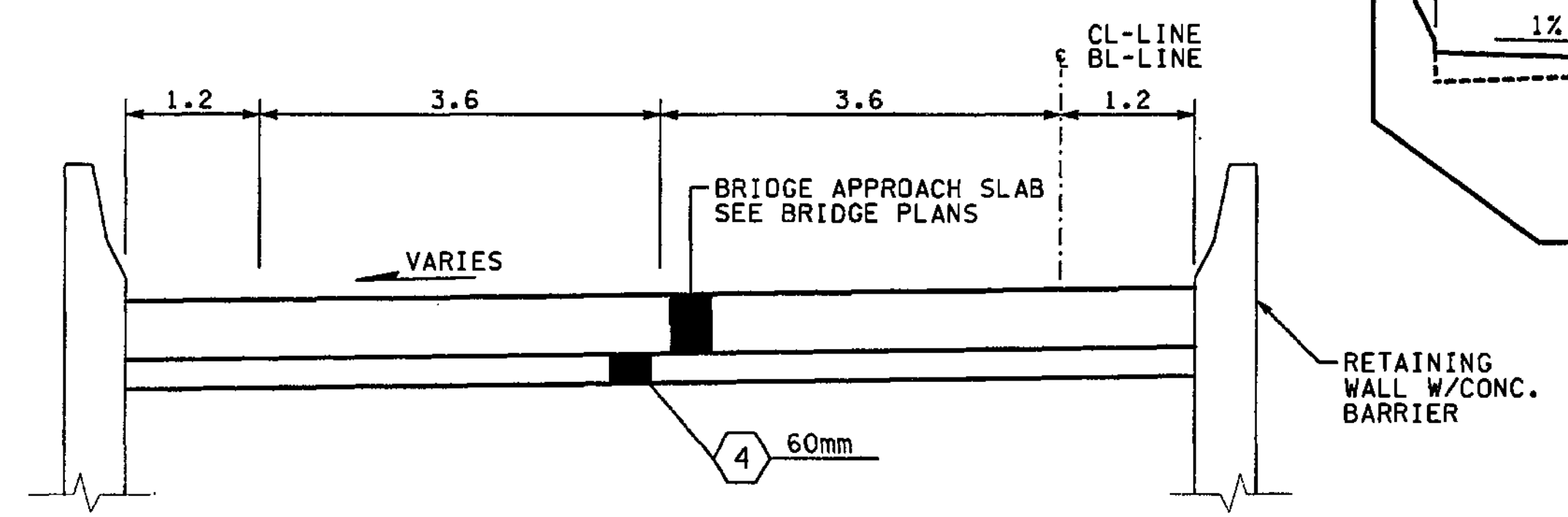
- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22



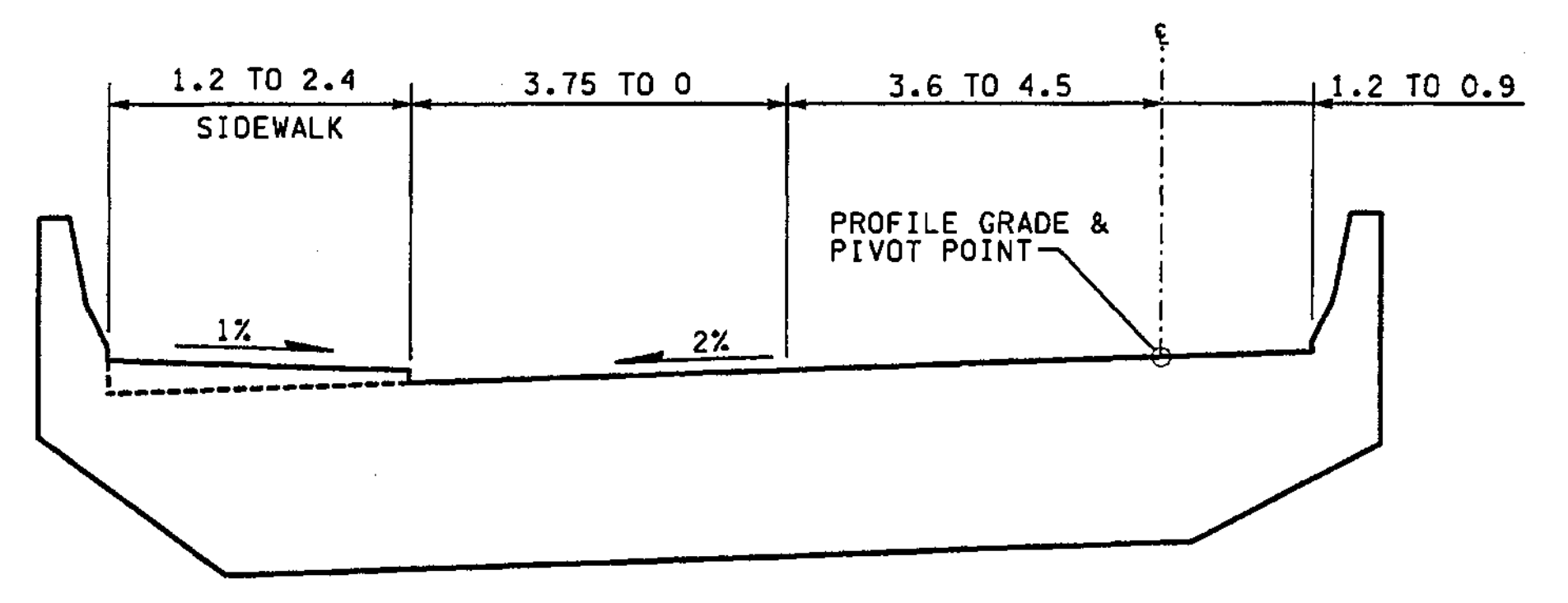
**ROADWAY SECTION G-1**  
CL 5+176.476 TO 5+240.000



**ROADWAY SECTION G**  
BL 20+100.000 TO 20+227.400



**APPROACH SLAB**  
(BRIDGE APPROACH SLAB)  
BL 20+227.400 TO 20+235.000  
CL 5+168.876 TO 5+176.476



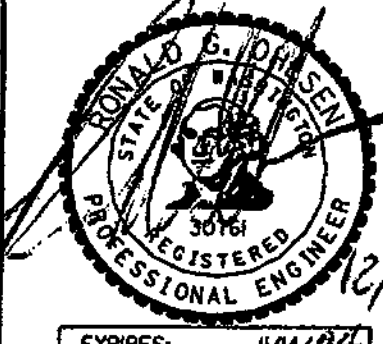
**STRUCTURE**  
BL 20+235.000 TO 20+347.898  
CL 5+000.000 TO 5+168.876

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02				REGION NO.	STATE	FED.AID PROJ.NO.
ENTERED BY	MJB	12/02				10	WASH	
CHECKED BY	JRS	12/02				JOB NUMBER		
PROJ. ENGR.	D. CIERI	12/02				02A012		
REGIONAL ADM.	D. DYE	12/02				CONTRACT NO.		
		DATE	DATE	REVISION	BY			


ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



12/6/02

EXPIRES: 11/11/04

Washington State  
Department of Transportation



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ROADWAY SECTIONS

SHEET NO  
**RS13**

SHEET NO  
**38**  
1152 SHEETS

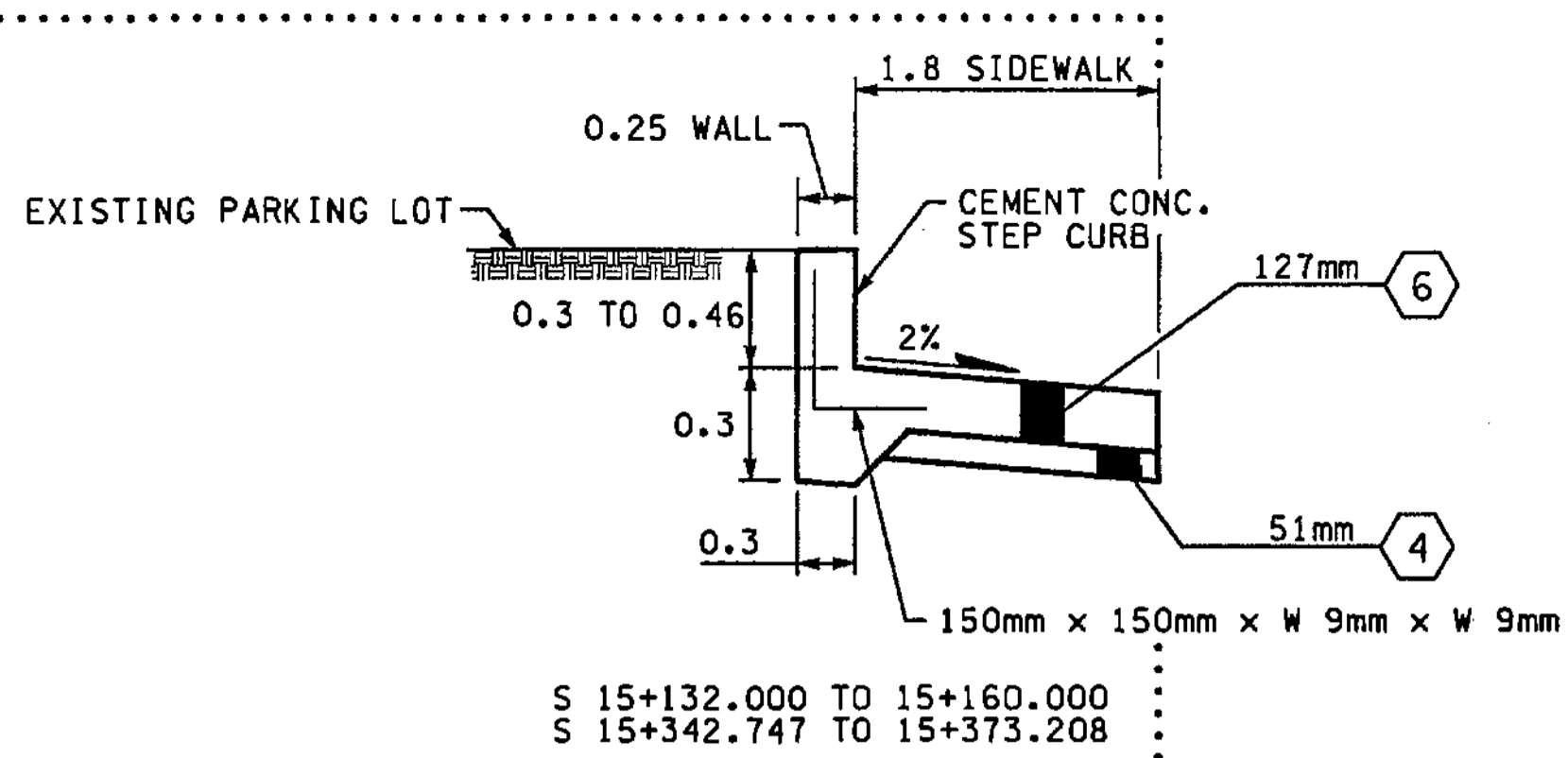
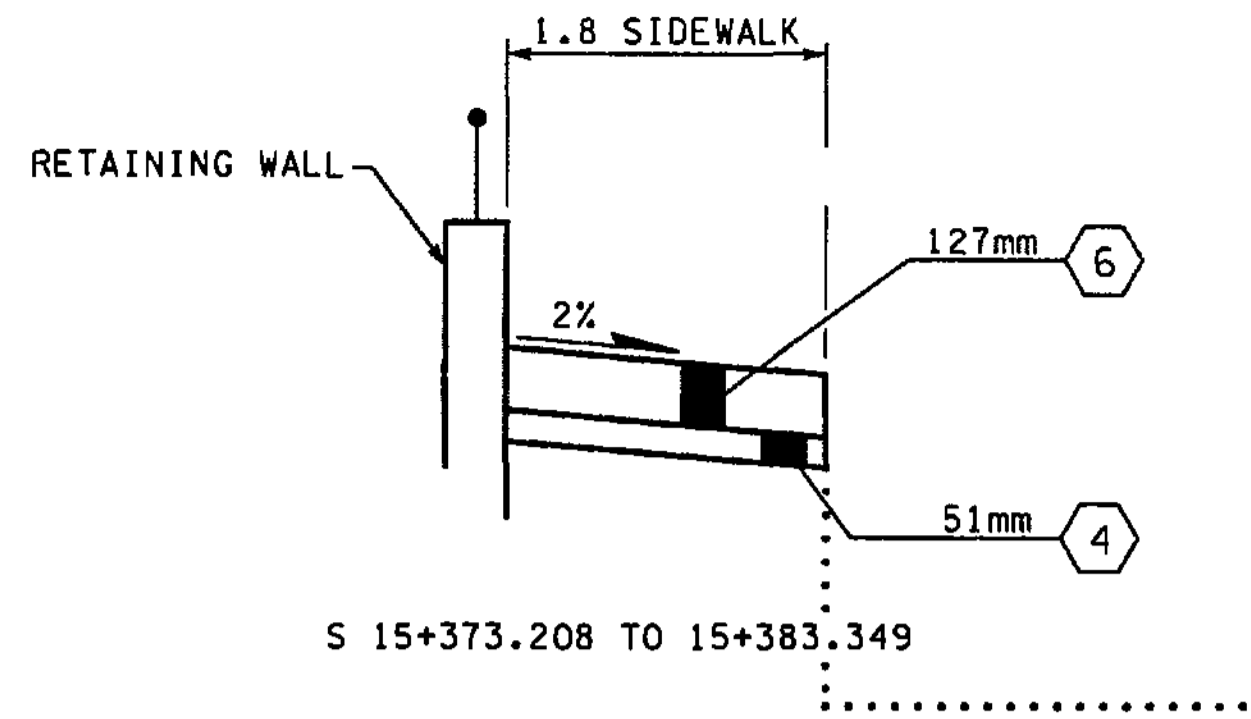


C:\PWTEMP\dms00326\RS014\_C2.dgn

PLOT--

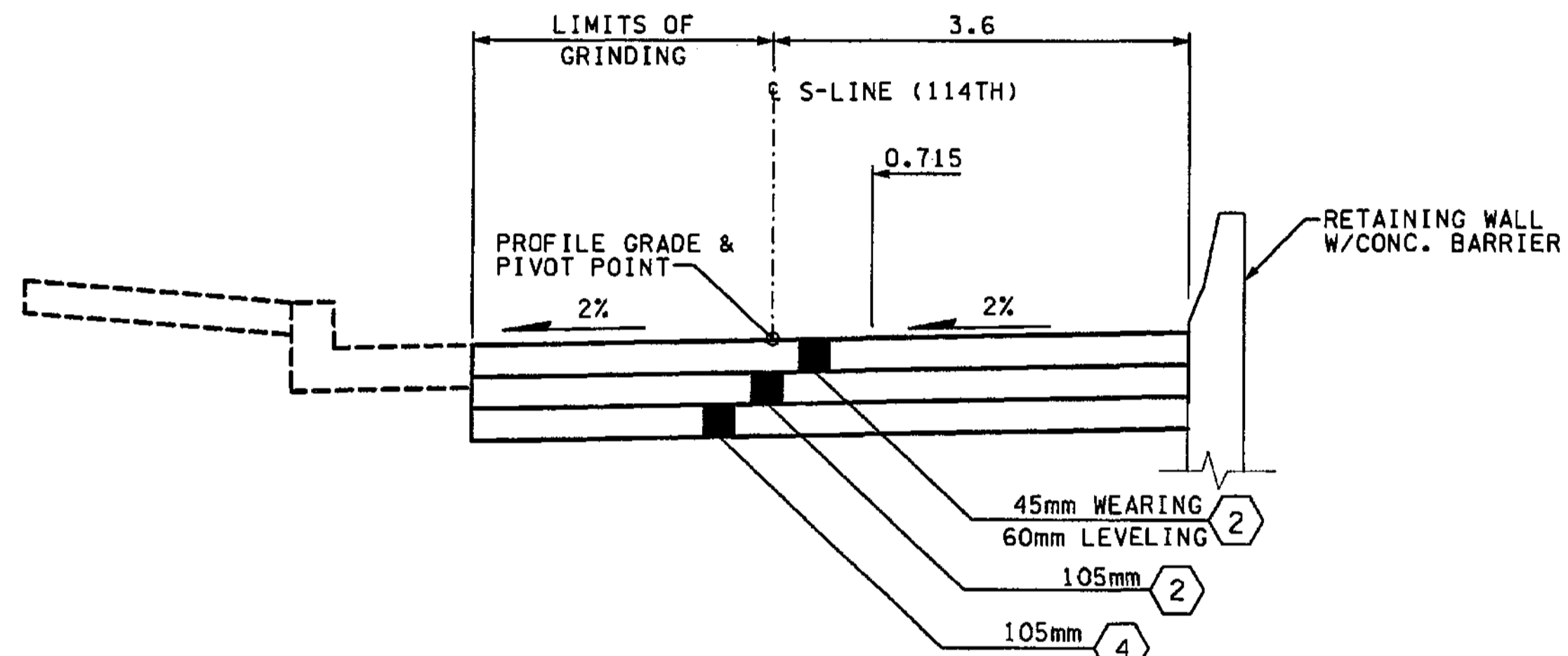
11/27/2002 01:00:40 PM

mbenson

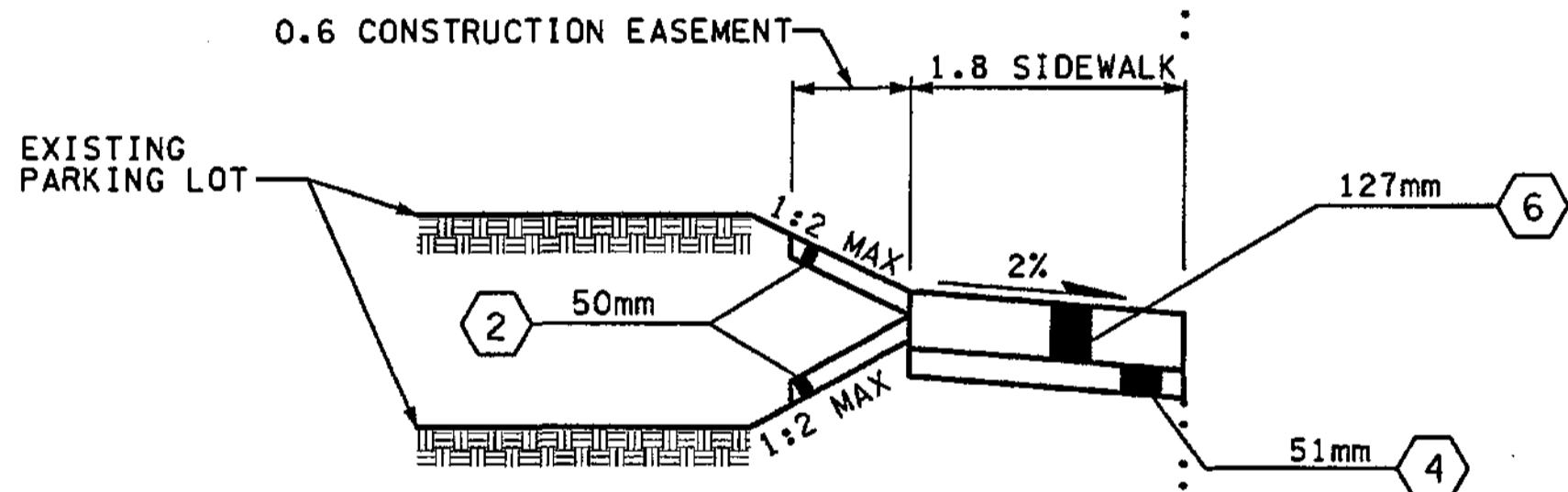
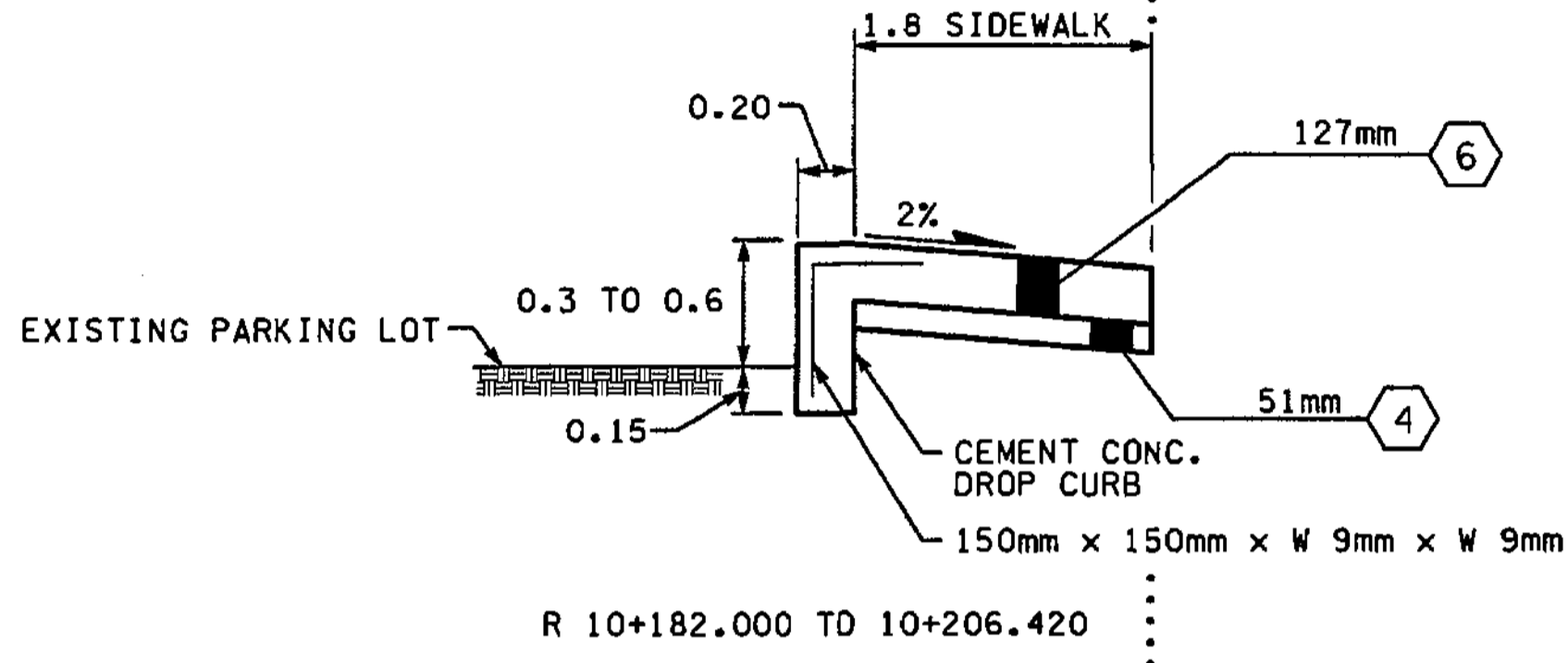


- NOTES:**
1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
  2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
  3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
  4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
  5. GRINDING AND PLANING NOT TO EXCEED 45mm. SEE SITE PREPARATION PLANS FOR LIMITS.

- LEGEND:**
- (1) CEMENT CONC. PAVEMENT
  - (2) ASPHALT CONC. PAVEMENT CL. A. PG 64-22
  - (3) NOT USED
  - (4) CRUSHED SURFACING BASE COURSE
  - (5) NOT USED
  - (6) CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
  - (7) ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

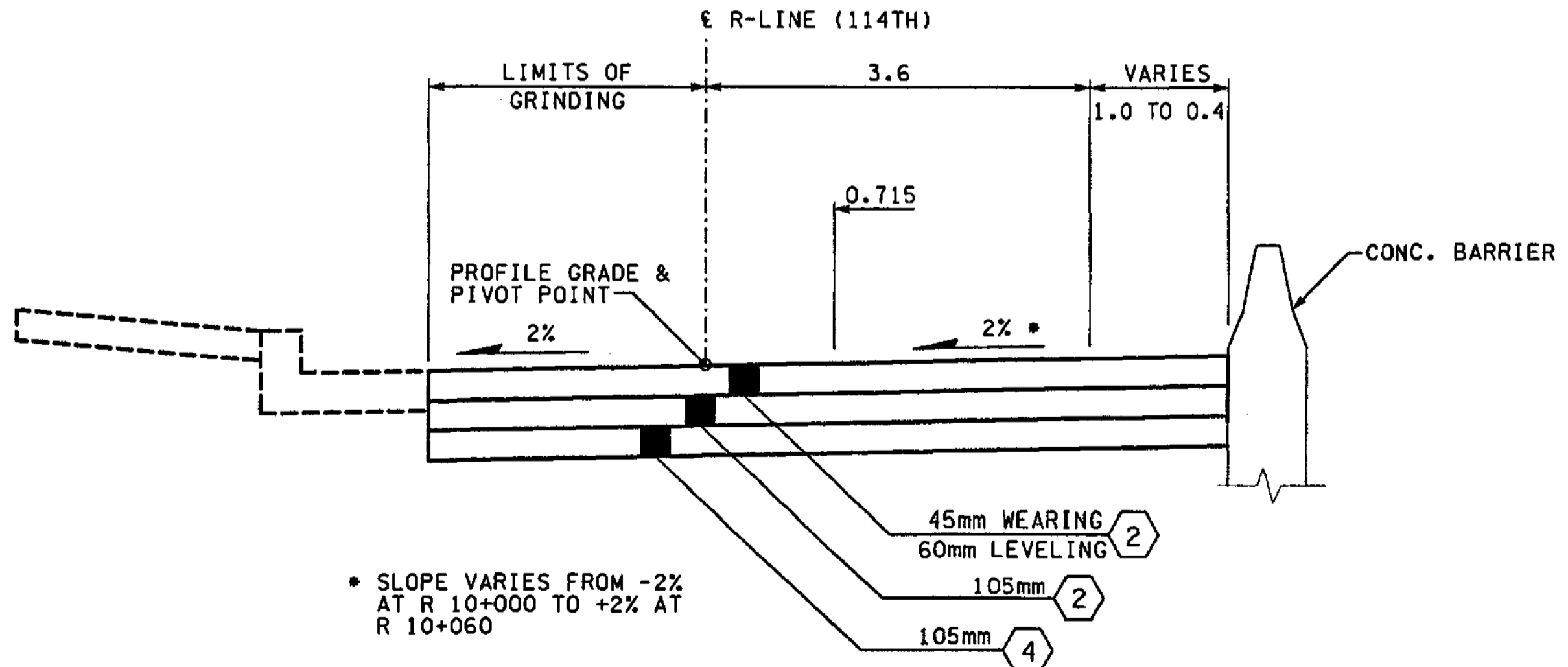


**ROADWAY SECTION H-1**  
S 15+172.889 TO 15+342.747

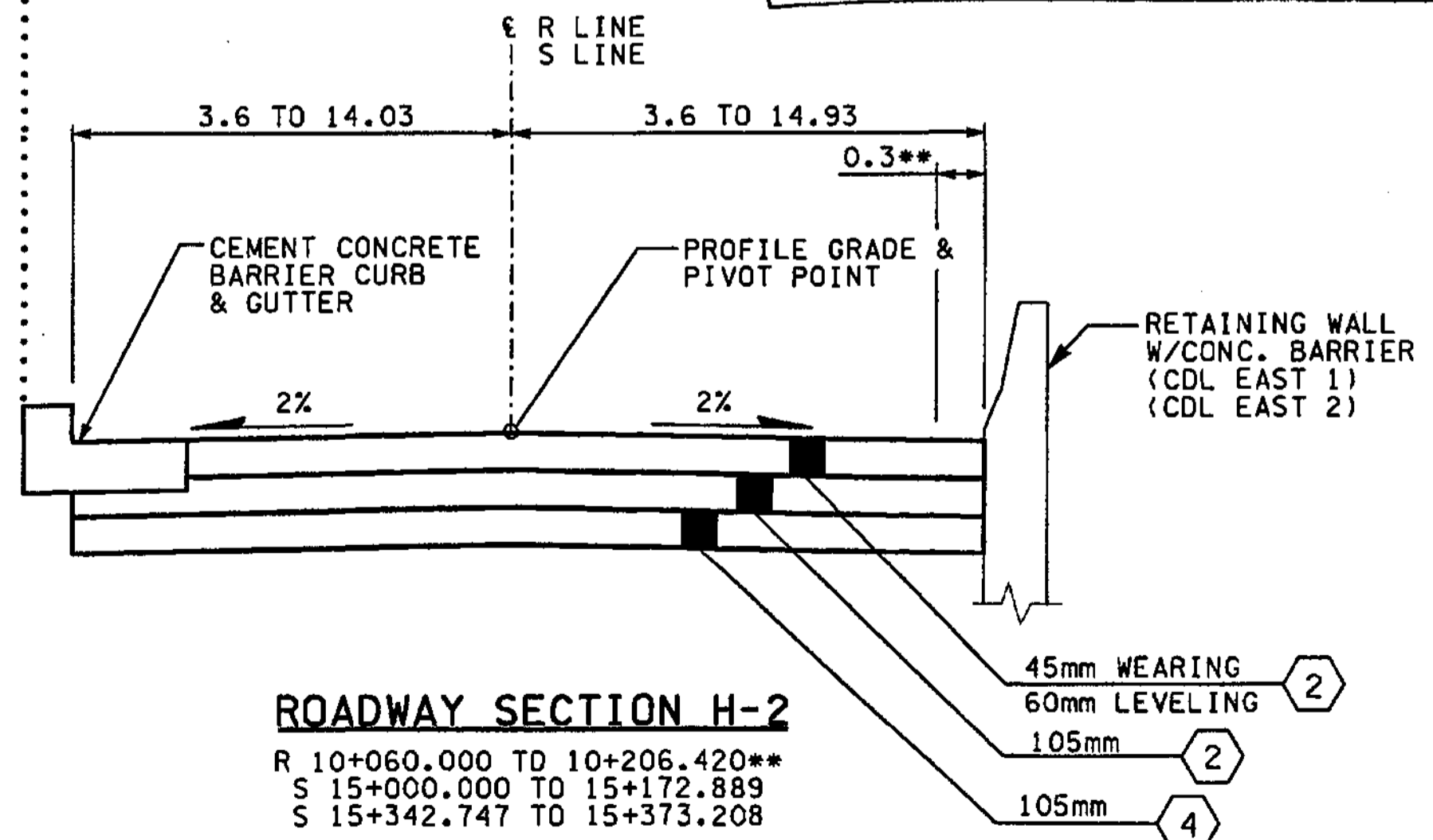


R 10+060.000 TO 10+182.000  
S 15+000.000 TO 15+132.000  
S 15+160.000 TO 15+172.889

FOR "AS CONSTRUCTED PLANS" ONLY



**ROADWAY SECTION H**  
R 10+000.000 TO 10+060.000



**ROADWAY SECTION H-2**  
R 10+060.000 TO 10+206.420\*\*  
S 15+000.000 TO 15+172.889  
S 15+342.747 TO 15+373.208

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			
ENTERED BY	LLK	12/02			
CHECKED BY	JRS	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/16/02

Washington State Department of Transportation

HDR ENGINEERING INC.

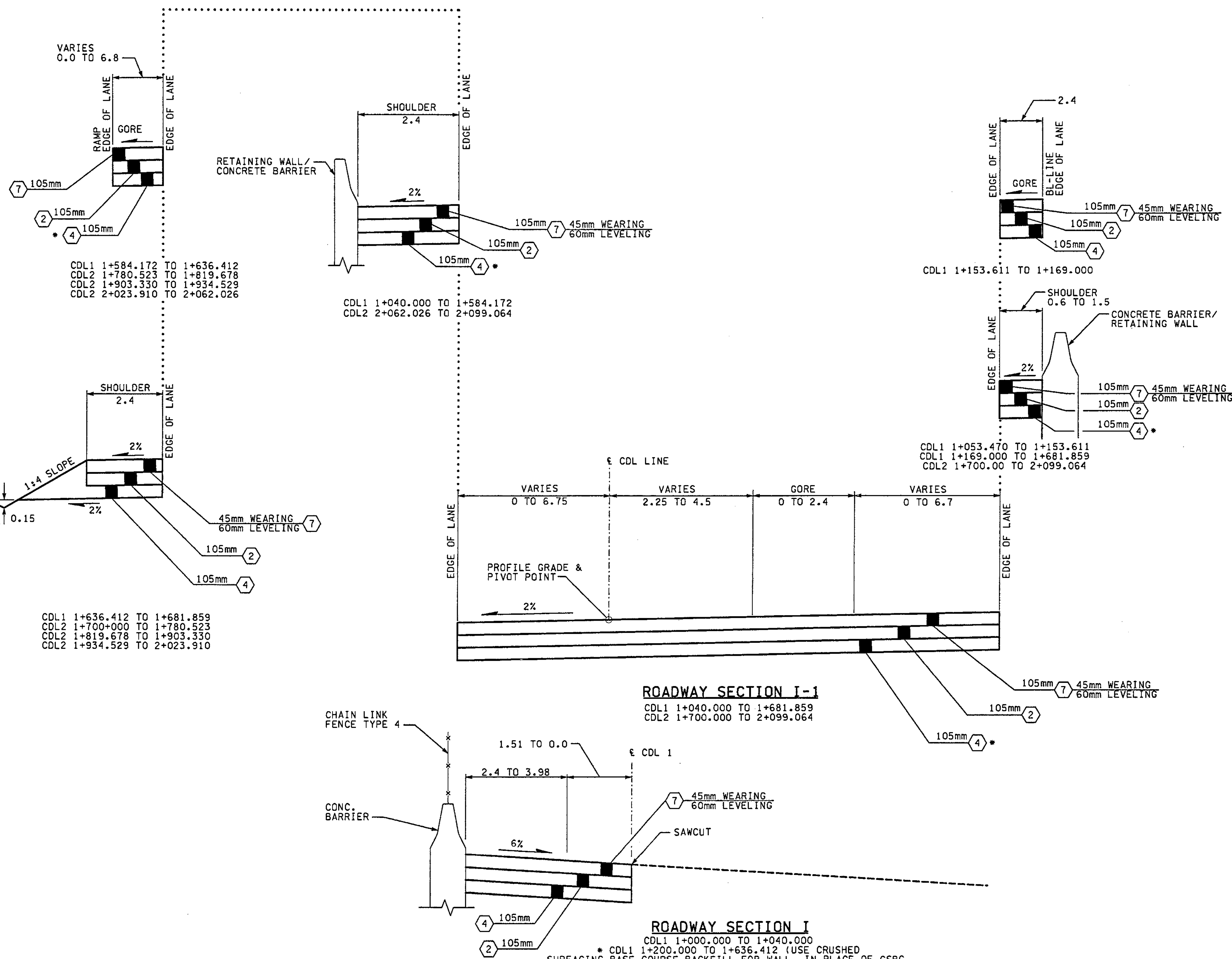
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ROADWAY SECTIONS

SHEET NO  
RS14

SHEET 39 OF 1152 SHEETS

C:\PWTEMP\dms00326\RS015\_C2.dgn  
 PLOT --  
 08:01:17 AM  
 12/06/2002  
 mbenson



- NOTES:**
1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
  2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
  3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
  4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
  5. GRINDING AND PLANING NOT TO EXCEED 45mm. SEE SITE PREPARATION PLANS FOR LIMITS.

- LEGEND:**
- ① CEMENT CONC. PAVEMENT
  - ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
  - ③ NOT USED
  - ④ CRUSHED SURFACING BASE COURSE
  - ⑤ NOT USED
  - ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
  - ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. ROADWAY SECTIONS	SHEET NO.	RS15
ENTERED BY	MJB	12/02	JOB NUMBER	02A012								SHEET NO.	40
CHECKED BY	JRS	12/02	CONTRACT NO.									OF	1152
PROJ. ENGR.	D. CIERI	12/02										SHEETS	
REGIONAL ADM.	D. DYE	12/02											
DATE	DATE	REVISION	BY										



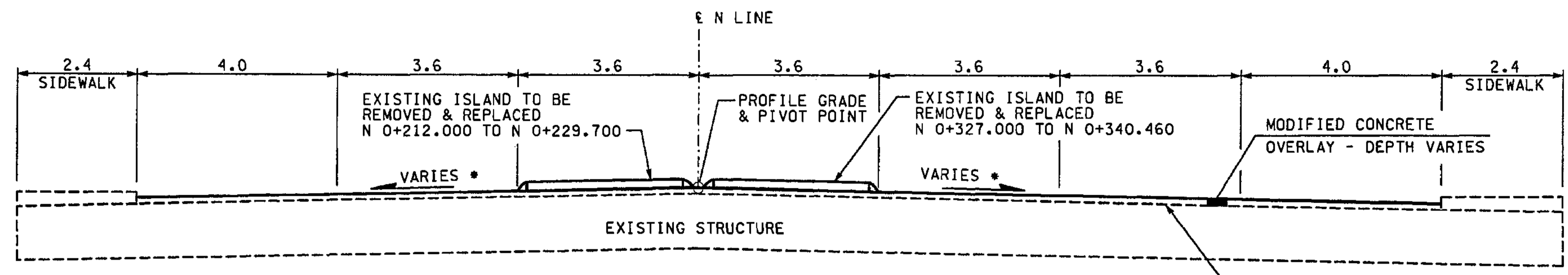
C:\PWTEMP\dms00326\RS016\_C2.dgn

PLOT

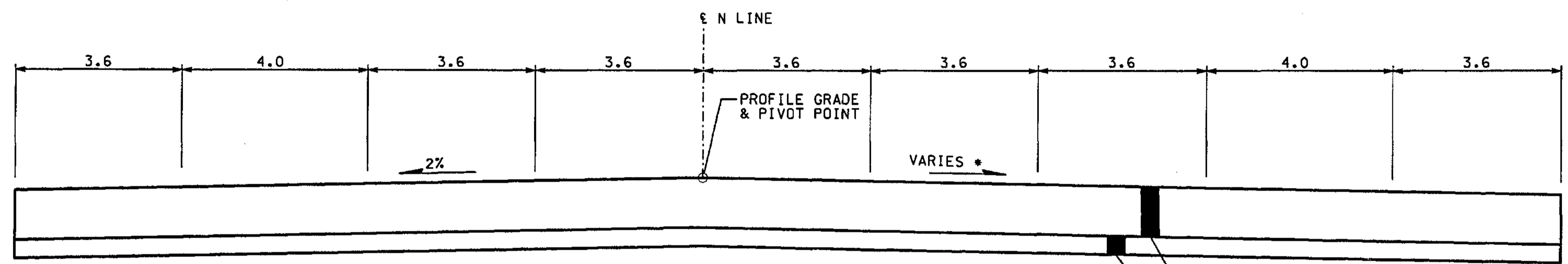
01:00:51 PM

11/27/2002

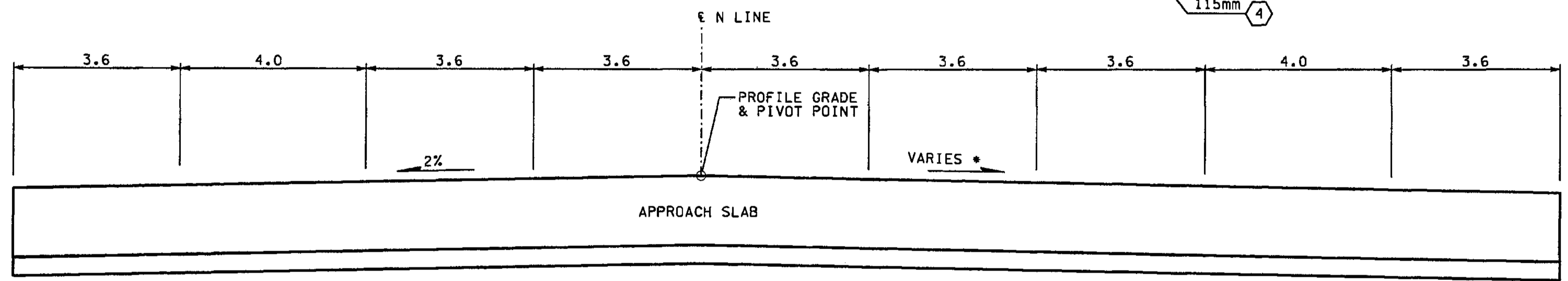
mbenson



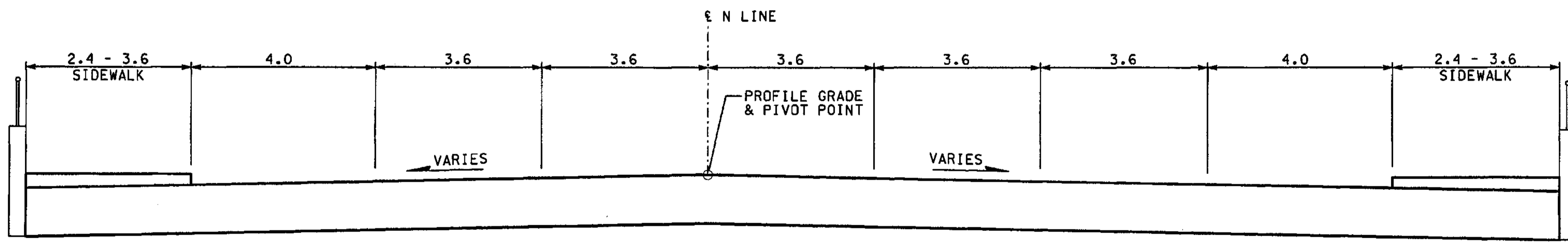
\* FOR SLOPE SEE BRIDGE DETAIL SHEETS - BL2A, CL2A, 4S23.



\* FOR SLOPE SEE DETAIL SHEET PVD8.



\* FOR SLOPE SEE DETAIL SHEET PVD6.

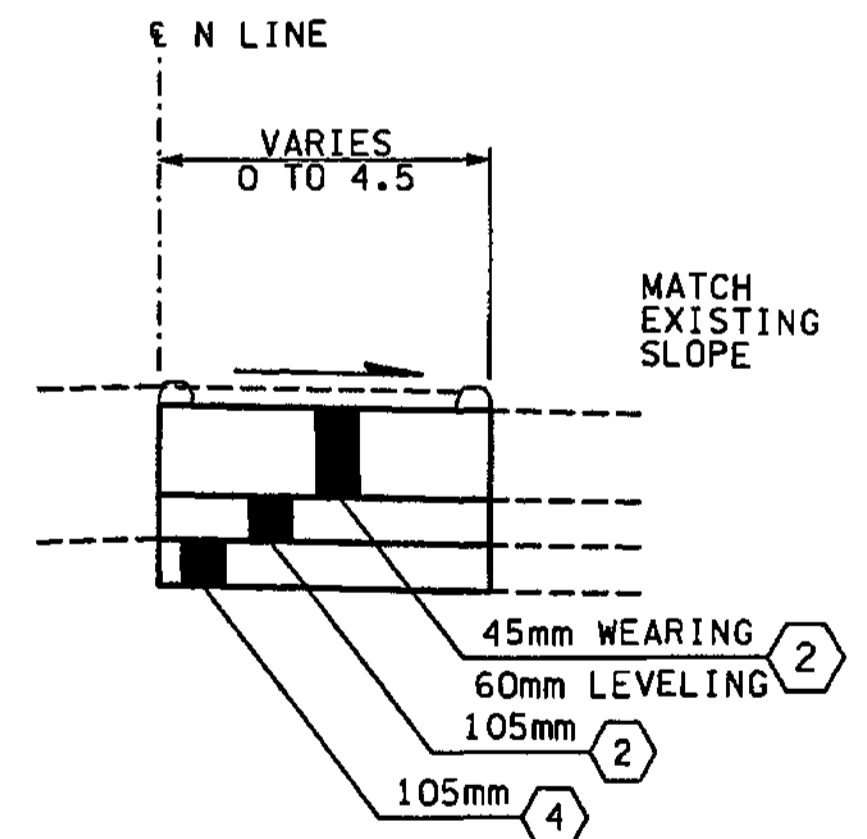


NOTES:

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

LEGEND:

- (1) CEMENT CONC. PAVEMENT
- (2) ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- (3) NOT USED
- (4) CRUSHED SURFACING BASE COURSE
- (5) NOT USED
- (6) CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- (7) ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	JRS	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ROADWAY SECTIONS

SHEET NO.  
RS16

SHEET NO.  
41  
1152  
SHEETS





C:\PWTEMP\dms00326\RS018\_C2.dgn

PLOT

11/27/2002 01:01:01 PM

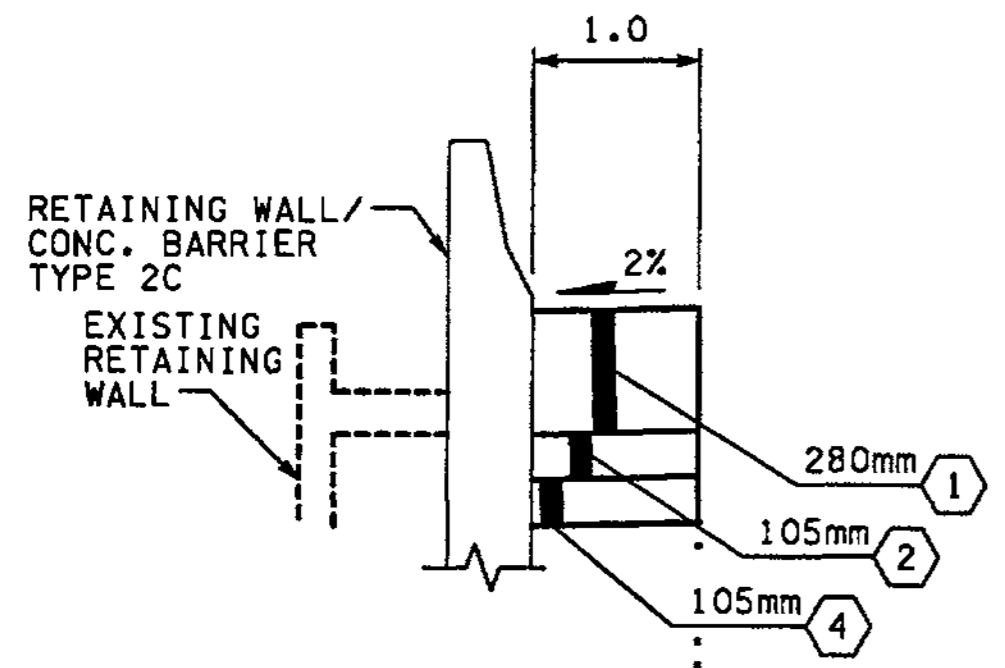
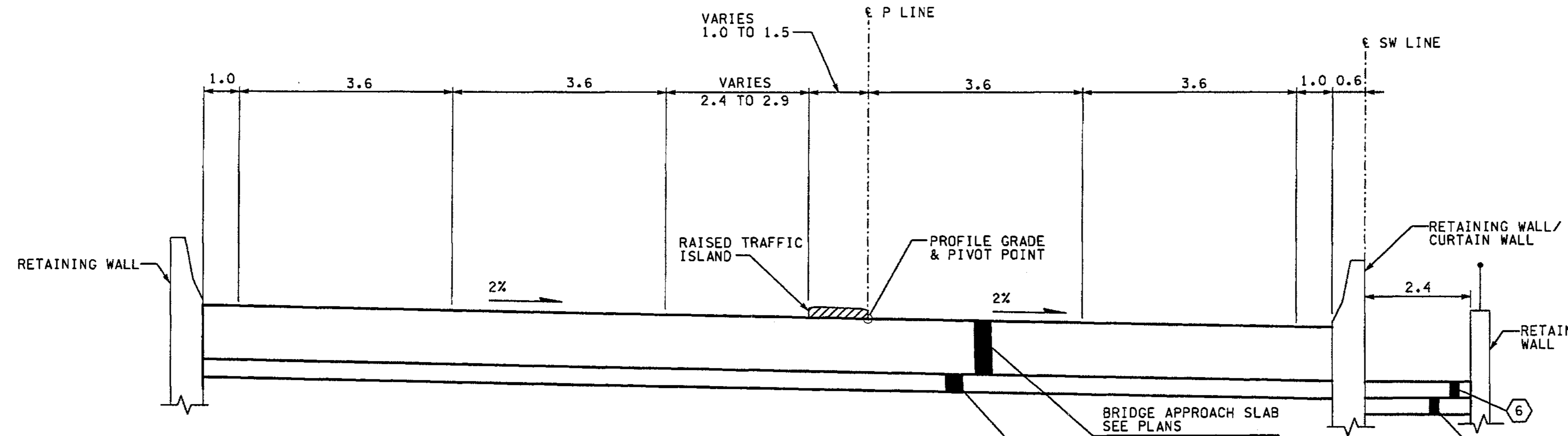
mbenson

**NOTES:**

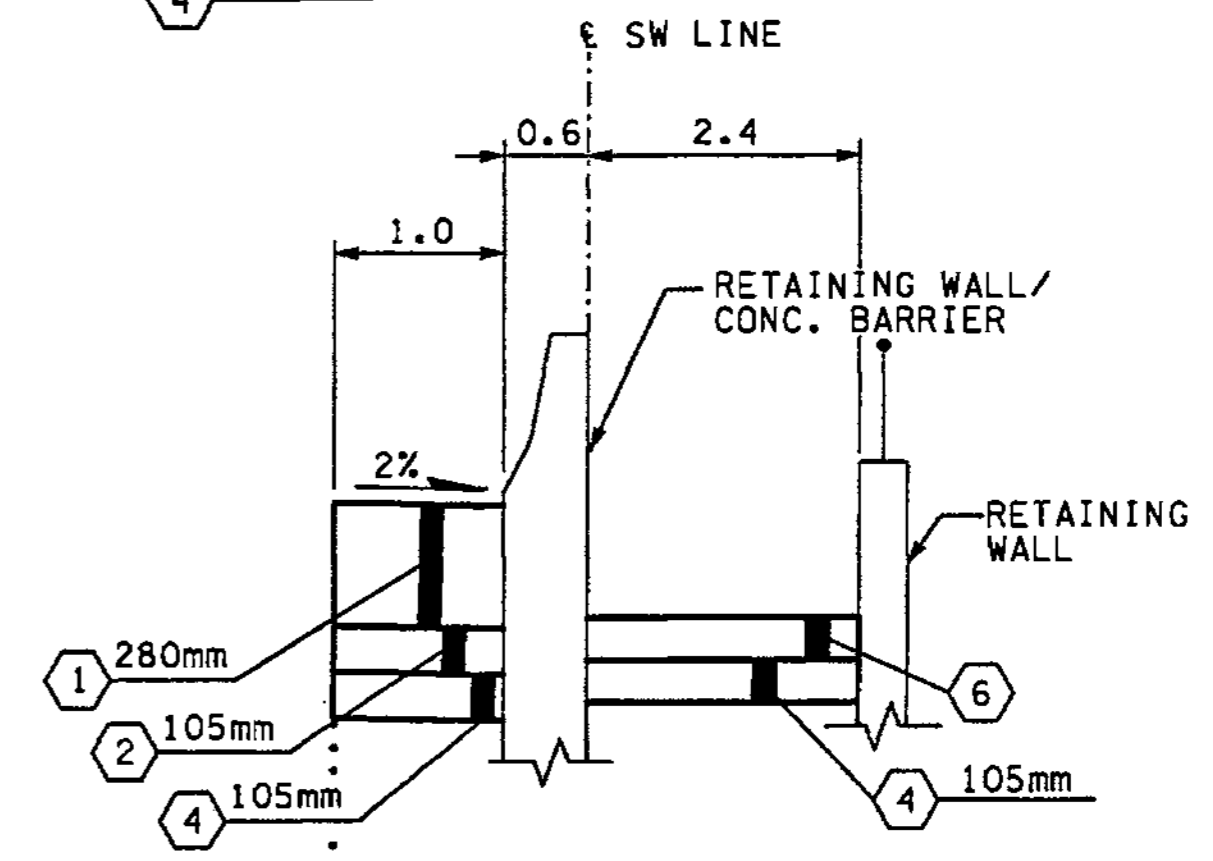
- 1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
- 2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
- 3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
- 4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
- 5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

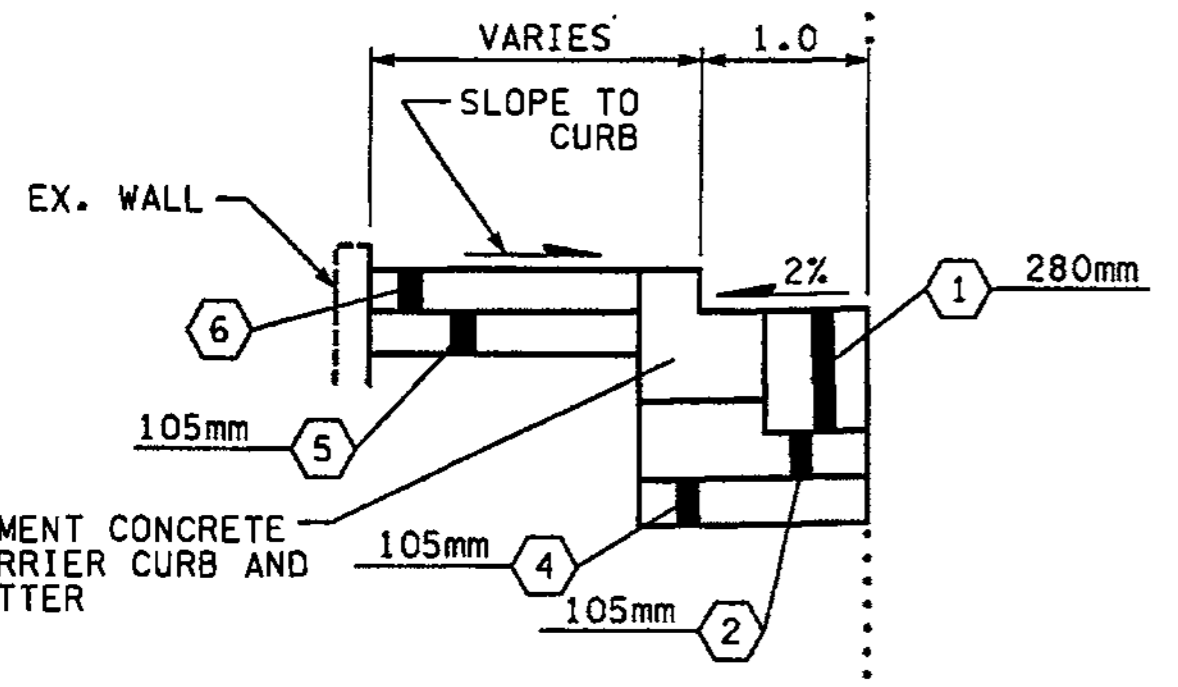
- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22



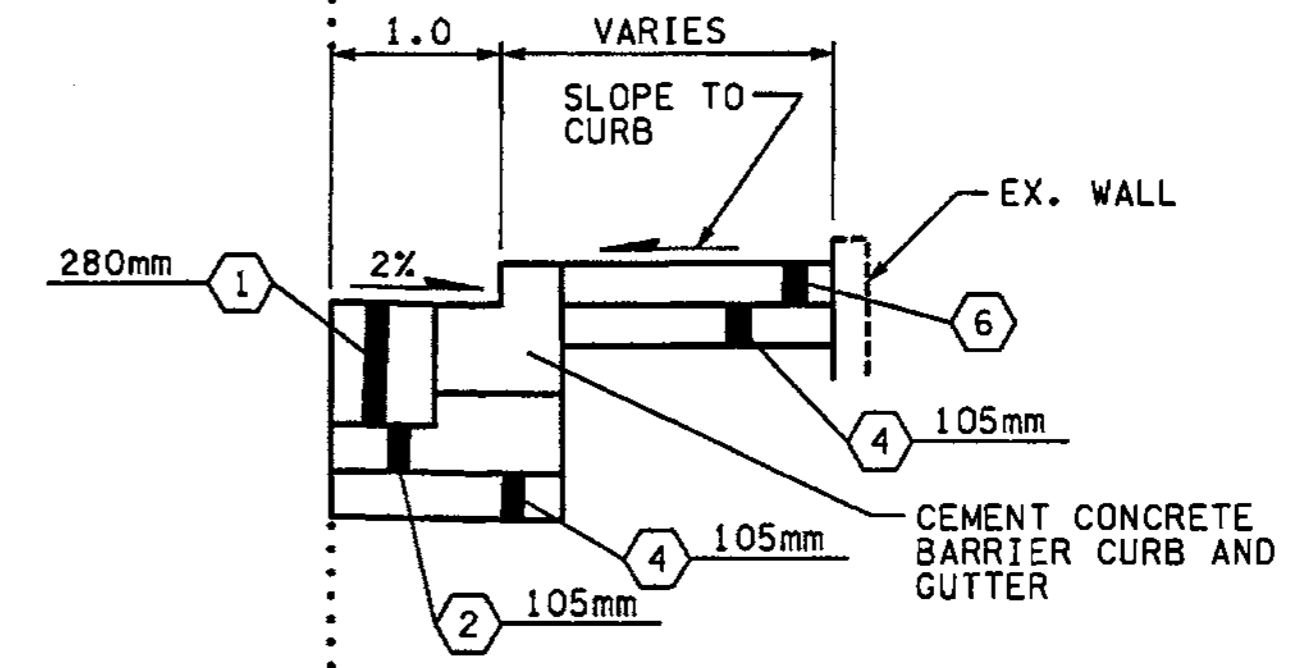
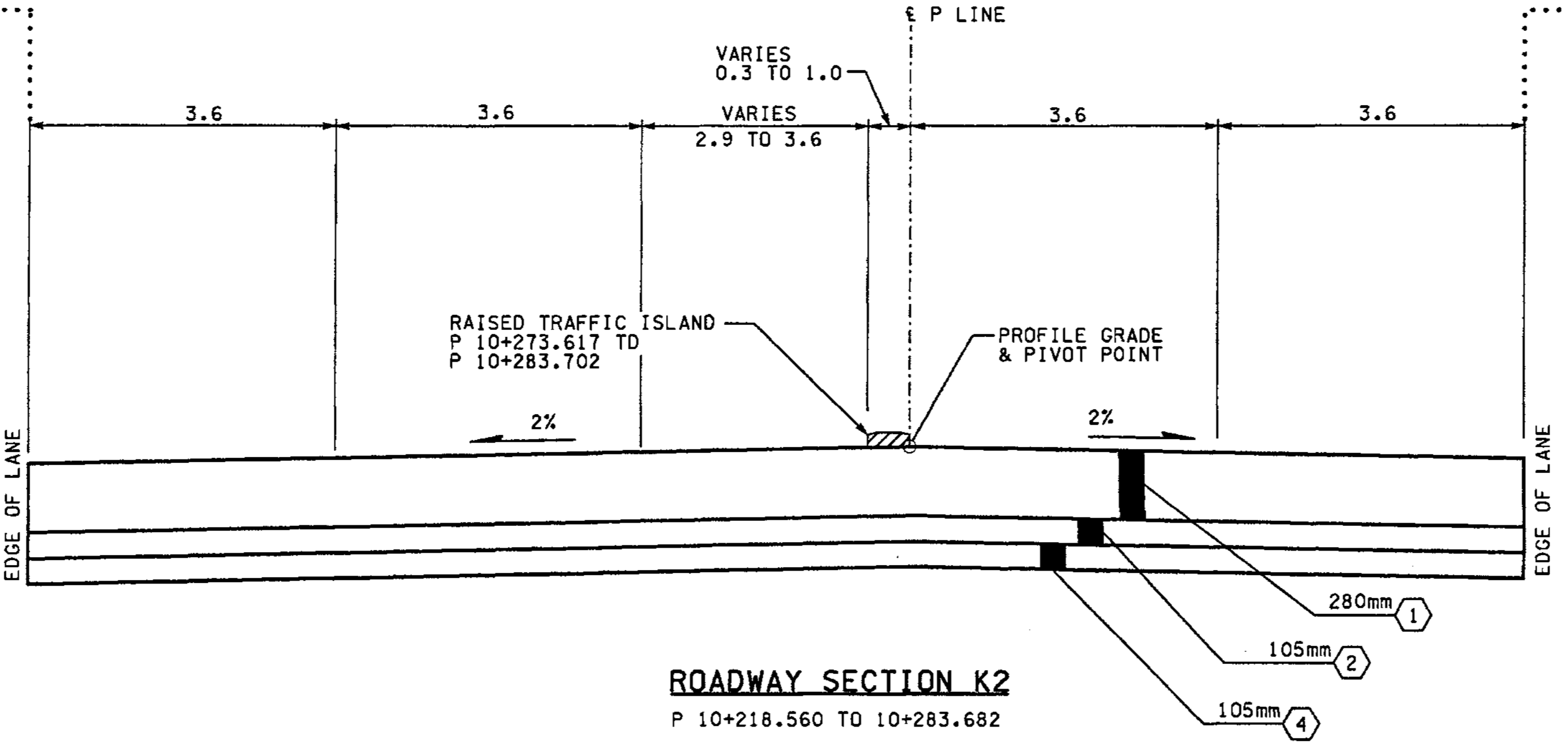
P 10+228.018 TO 10+283.682



P 10+231.272 TO 10+283.682  
SW 10+000.000 TO 10+053.600



T 3+005.448 TO P 10+228.018

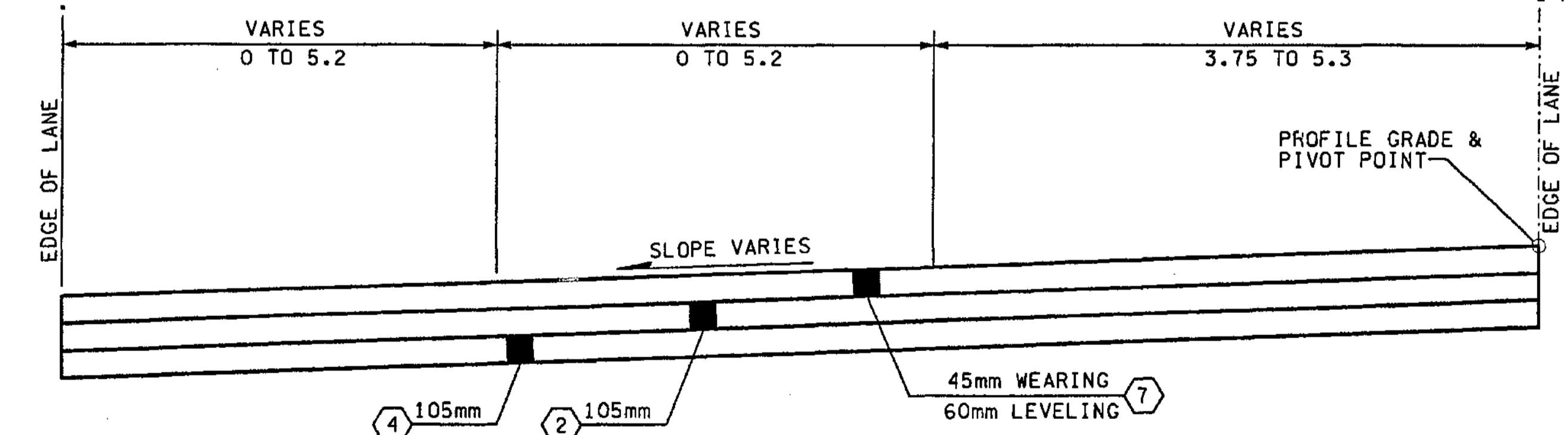
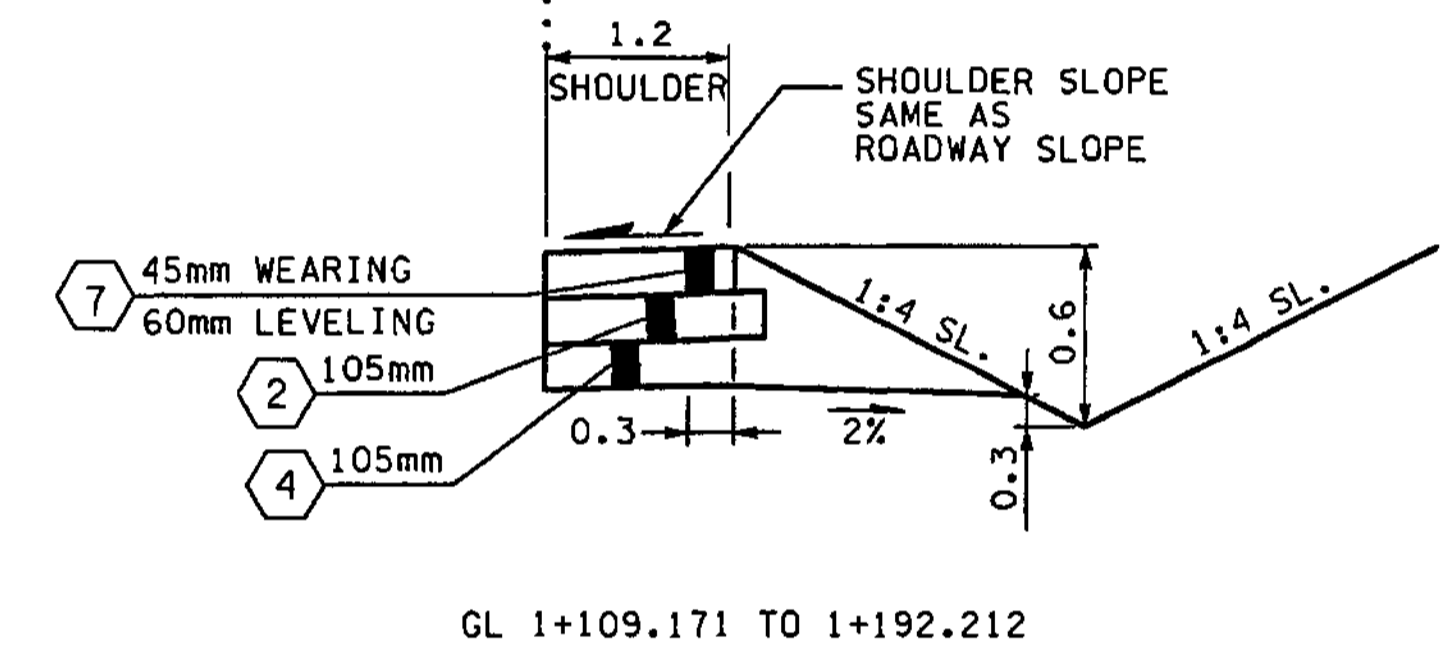
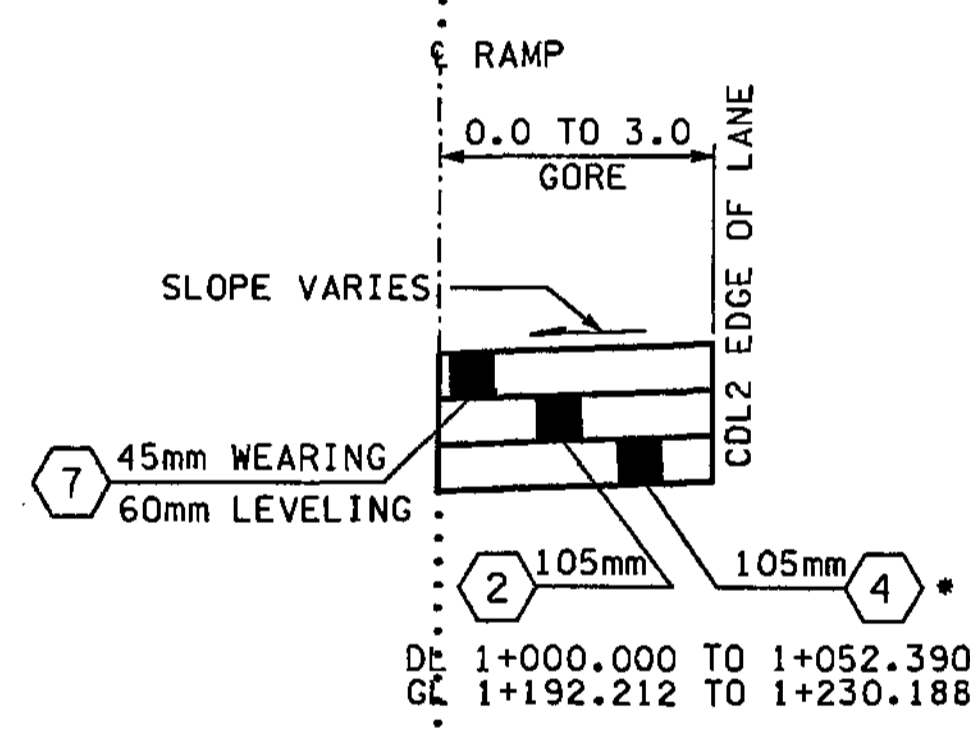
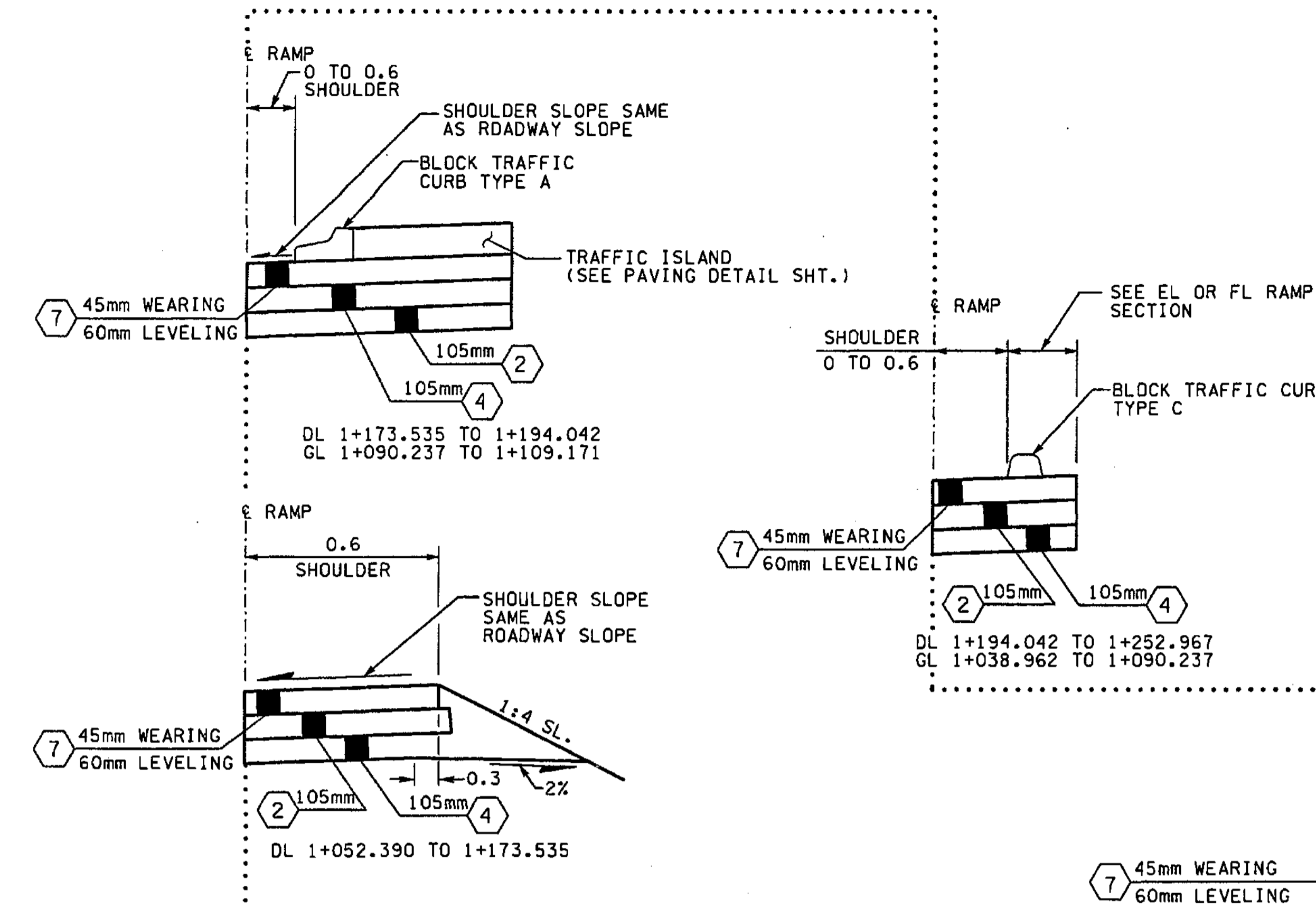
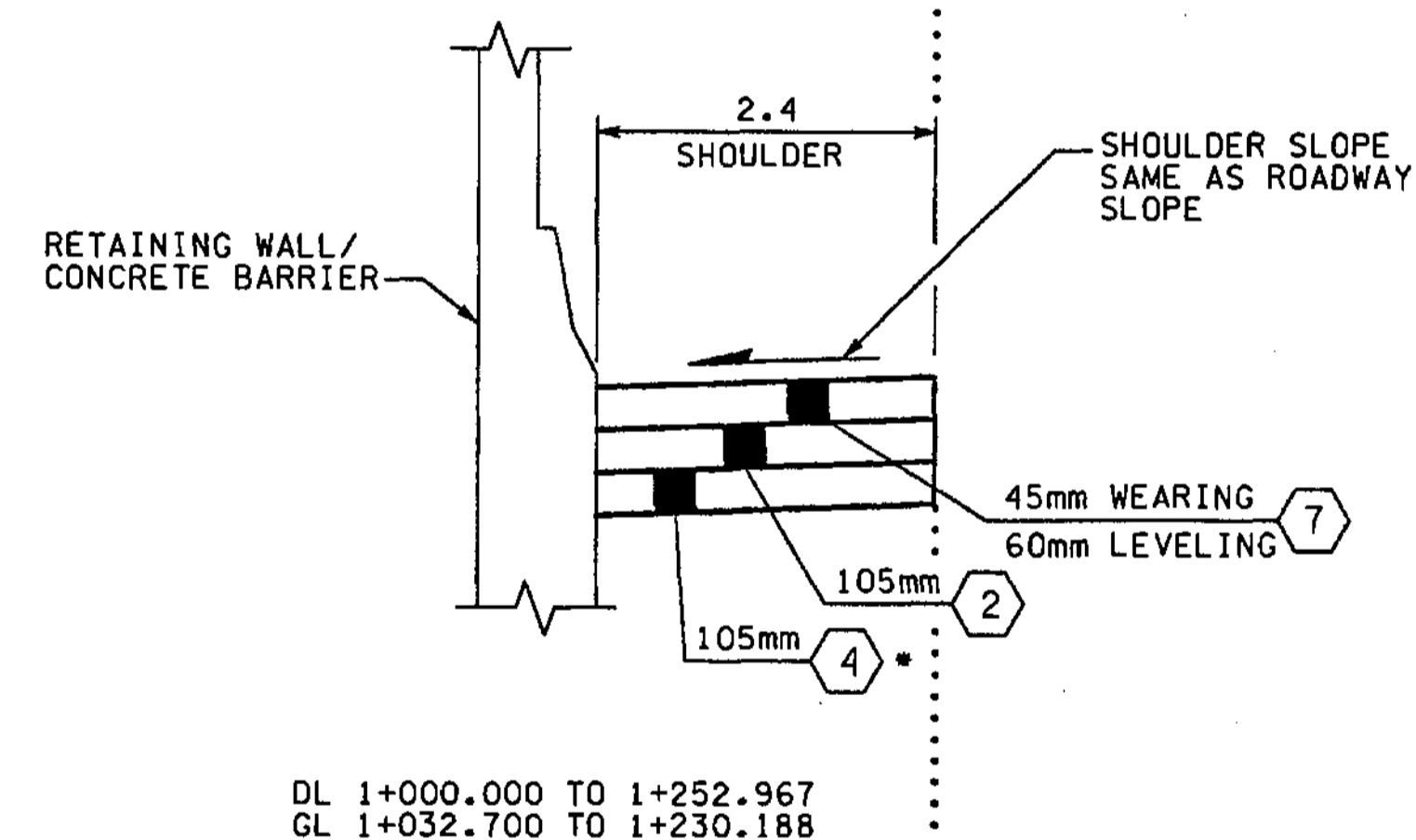
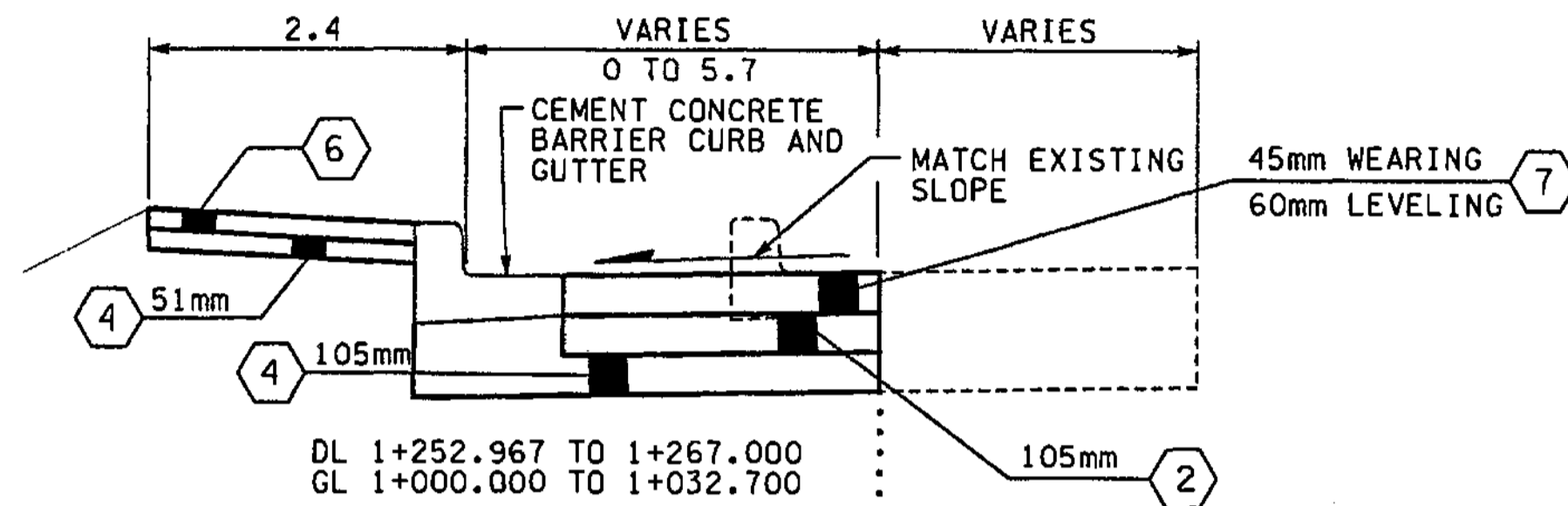


T 2+928.404 TO P 10+231.272

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  Washington State Department of Transportation  HDR ENGINEERING INC.	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. ROADWAY SECTIONS	SHEET NO	RS18
ENTERED BY	LLK	12/02	JOB NUMBER	02A012				SHEET				43	
CHECKED BY	JRS	12/02	CONTRACT NO.					SHEETS				1152	
PROJ. ENGR.	D. CIERI	12/02											
REGIONAL ADM.	D. DYE	12/02											
	DATE	DATE	REVISION	BY									



**ROADWAY SECTION L**  
DL 1+000.000 TO 1+252.967  
GL 1+038.962 TO 1+230.188

\* DL 1+000.000 TO 1+052.390 (USE CRUSHED SURFACING BASE COURSE BACKFILL FOR WALL, IN PLACE OF CSBC, DEPTH SHALL BE FROM BOTTOM OF ASPHALT TO RETAINING WALL FOOTING).

- NOTES:**
1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
  2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
  3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
  4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
  5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

- LEGEND:**
- ① CEMENT CONC. PAVEMENT
  - ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
  - ③ NOT USED
  - ④ CRUSHED SURFACING BASE COURSE
  - ⑤ NOT USED
  - ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
  - ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	GEW	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	JRS	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
ROADWAY SECTIONS

SHEET NO. RS19  
SHEET 44 OF 1152 SHEETS



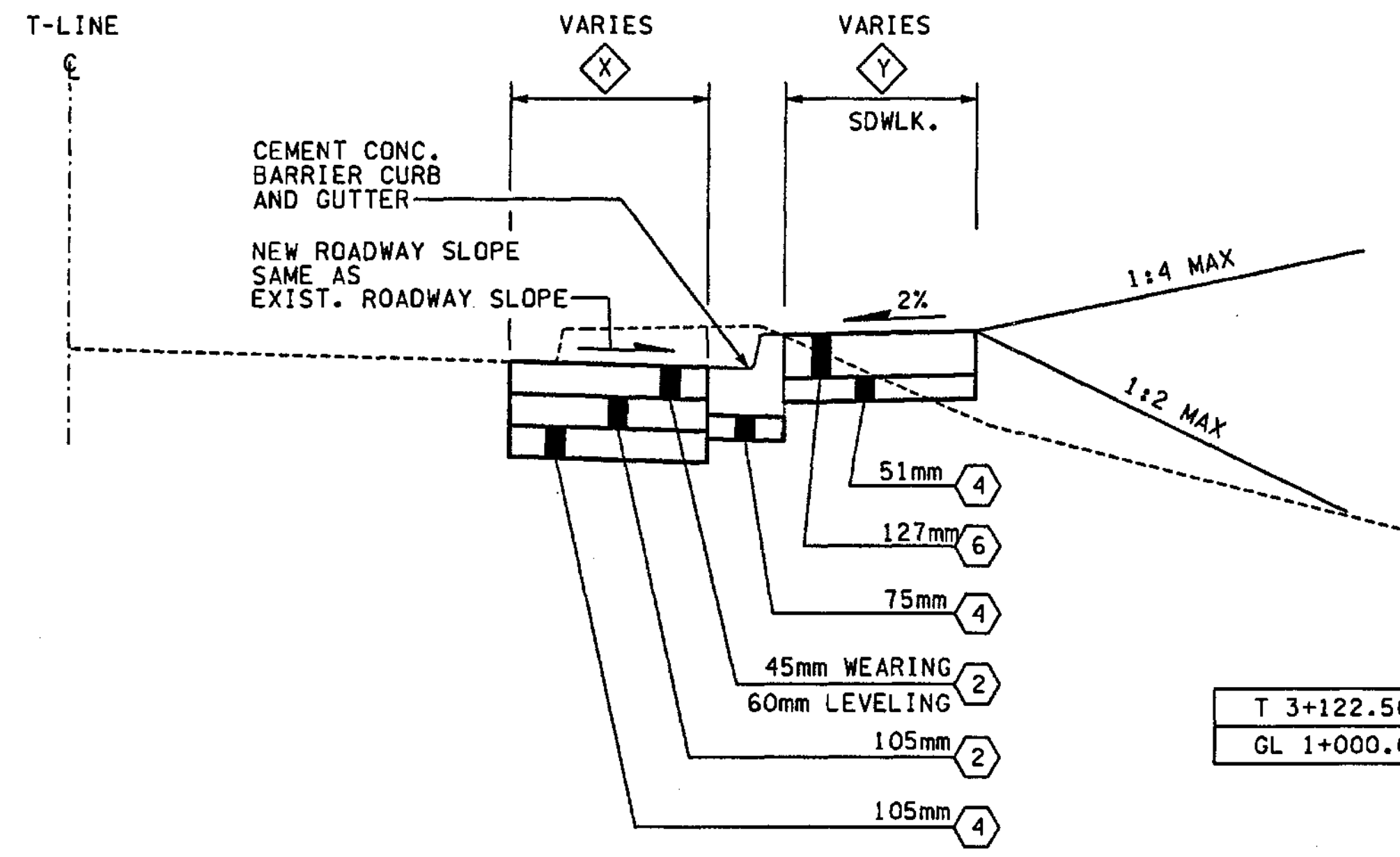


**NOTES:**

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. SEE PAVING PLANS FOR C-CURB LOCATIONS.
3. SEE PAVING PLANS FOR PAVING WIDTHS AND LIMITS.
4. SEE PAVING PLANS FOR TRAFFIC MEDIAN LOCATIONS.
5. GRINDING AND PLANING NOT TO EXCEED 45mm, SEE SITE PREPARATION PLANS FOR LIMITS.

**LEGEND:**

- ① CEMENT CONC. PAVEMENT
- ② ASPHALT CONC. PAVEMENT CL. A. PG 64-22
- ③ NOT USED
- ④ CRUSHED SURFACING BASE COURSE
- ⑤ NOT USED
- ⑥ CEMENT CONC. SIDEWALK, C.O.B. STD. PLAN
- ⑦ ASPHALT CONC. PAVEMENT CL. SUPERPAVE 12.5mm PG 64-22



	X	Y
T 3+122.500 TO DL 1+267.000	0.6 TO 4.7	3.5 TO 2.2
GL 1+000.000 TO T 3+405.500	8.6 TO 1.5	3.6 TO 1.8

**ROADWAY SECTION N**  
 T 3+122.500 TO T 3+180.000  
 T 3+217.000 TO T 3+405.500

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

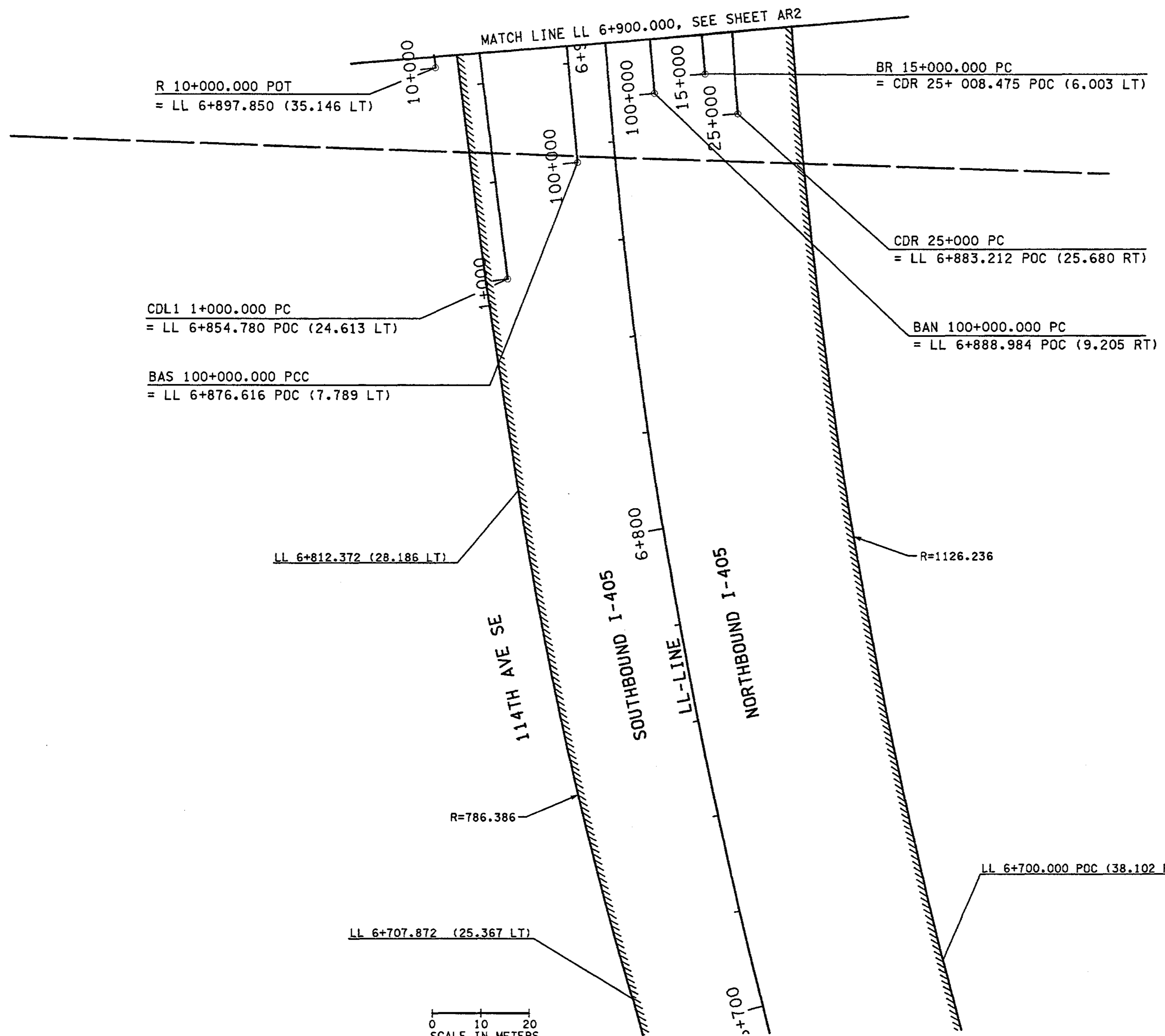
DESIGNED BY S. GRAFF	12/02						ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO RS21
ENTERED BY J. TYLER	12/02									
CHECKED BY R. FRANTZ	12/02									
PROJ. ENGR. D. CIERI	12/02									
REGIONAL ADM. D. DYE	12/02									SHEET 46 OF 1152 SHEETS
	DATE	DATE	REVISION	BY	CONTRACT NO.				ROADWAY SECTIONS	





T.25N. R.5E. W.M.

TOTAL CURVE DATA			CURVE DATA				SPIRAL DATA		
P.I. STATION	DELTA	TANGENT	DELTA	RADIUS	LENGTH	S	a	DE	Ls
LL 6+708.648	29°10'00" RT	325.805	26°55'01"	1164.338	546.991	N/A	0.033	1°07'30"	45.720



**NOTE:**  
1. FOR EASEMENTS ALONG 114th, SEE SHEETS ARD1 - ARD4.

**LEGEND:**  
 // LIMITED ACCESS  
 — WSDOT RIGHT OF WAY  
 - CUT - CUT CATCH SLOPE  
 - FILL - FILL CATCH SLOPE

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

C:\PWTEMP\dms00712\AR001\_C2.dgn  
11/27/2002 09:18:50 AM  
PLOT1  
mbenson

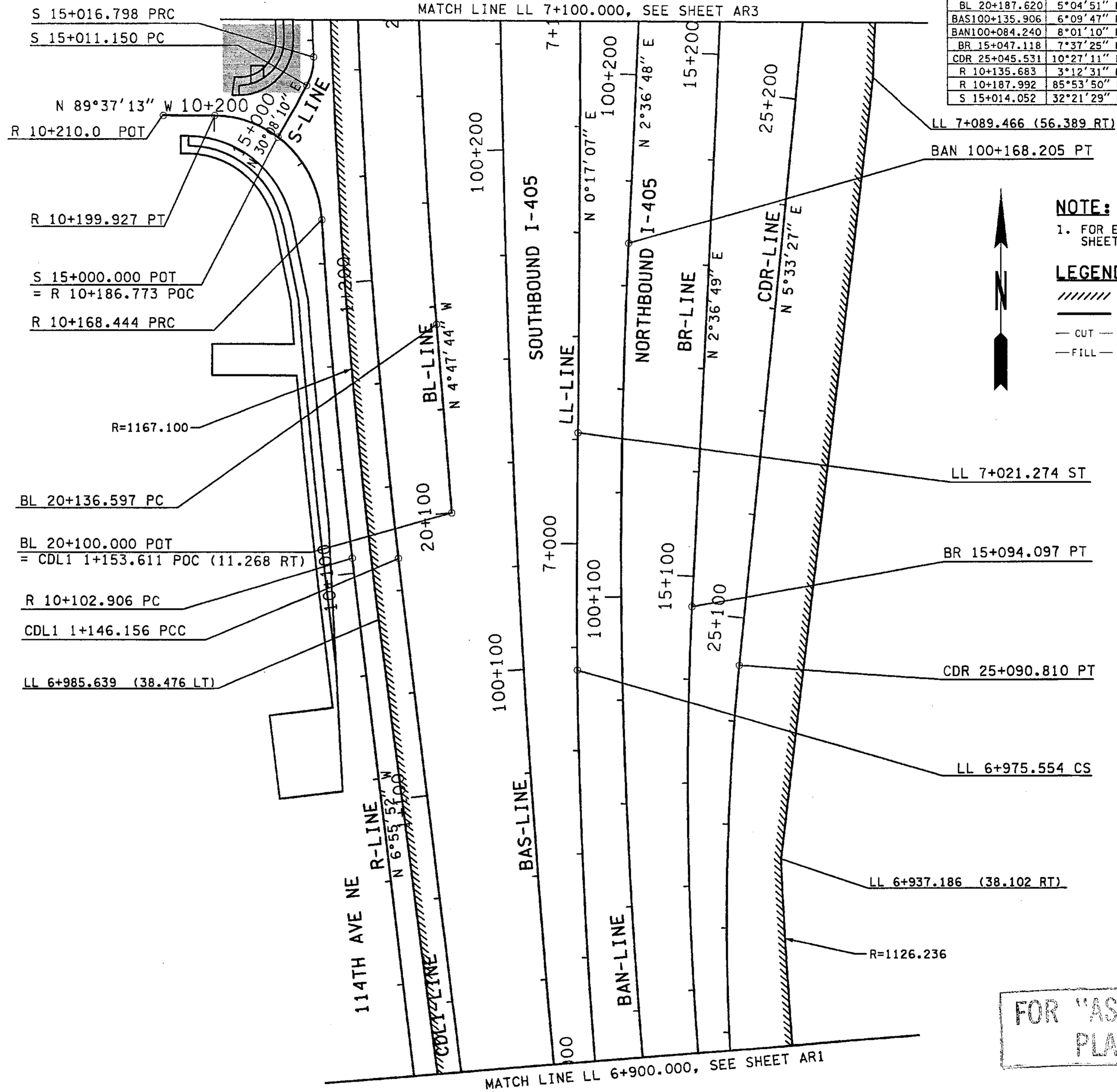
DESIGNED BY JRS	12/02	10	WASH	FED.AID PROJ.NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. AR1
ENTERED BY MJB	12/02	JOB NUMBER 02A012	CONTRACT NO.					ALIGNMENT/RIGHT OF WAY PLAN
CHECKED BY GBW	12/02	DATE	REVISION	BY				
PROJ. ENGR. D. CIERI	12/02							
REGIONAL ADM. D. DYE	12/02							



T.25N. R.5E. W.M.

MATCH LINE LL 7+100.000, SEE SHEET AR3

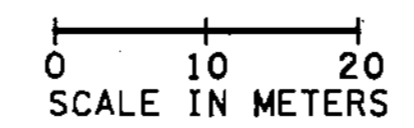
P.I. STATION		CURVE DATA				
DELTA	RADIUS	TANGENT	LENGTH	S		
CDL1 1+073.078	0°28'35" RT	17582.714	73.078	146.156	2%	
CDL1 1+215.651	6°50'46" RT	1161.850	69.496	138.826	2%	
BL 20+187.620	5°04'51" RT	1150.000	51.023	101.980	2%	
BAS100+135.906	6°09'47" RT	2524.500	135.906	271.550	3%	
BAN100+084.240	8°01'10" RT	1201.780	84.240	168.205	5%	
BR 15+047.118	7°37'25" RT	707.200	47.118	94.097	4%	
CDR 25+045.531	10°27'11" RT	497.750	45.531	90.810	N/A	
R 10+135.683	3°12'31" RT	1170.320	32.778	65.539	2%	
R 10+187.992	85°53'50" LT	21.000	19.548	31.483	2%	
S 15+014.052	32°21'29" LT	10.000	2.901	5.648	2%	



**NOTE:**  
1. FOR EASEMENTS ALONG 114th, SEE SHEETS ARD1 - ARD4.

**LEGEND:**  
 // LIMITED ACCESS  
 — WSDOT RIGHT OF WAY  
 - - CUT - CUT CATCH SLOPE  
 - - FILL - FILL CATCH SLOPE

FOR "AS-CONSTRUCTED PLANS" ONLY



keller 03/20/2003 11:02:11 AM PLOT2 C:\PWTEMP\dms00712\AR002\_C2.dgn

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY JRS		12/02	REGION NO. 10		STATE WASH	FED.AID PROJ.NO.	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		Washington State Department of Transportation		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.		SHEET NO. AR2
ENTERED BY MJB		12/02	JOB NUMBER 02A012				Professional Engineer Seal (3/26/03)		HDR ENGINEERING INC.		ALIGNMENT/RIGHT OF WAY PLAN		SHEET 49 OF 1152 SHEETS
CHECKED BY GBW		12/02	CONTRACT NO.				3/28/03 REVISED HYDRANT EASEMENT RGO						
PROJ. ENGR. D. CIERI		12/02											
REGIONAL ADM. D. DYE		12/02											
DATE	DATE	DATE	REVISION	BY									

C:\P\TEMP\dms00712\AR003\_C2.dgn PLOT3 11/27/2002 09:19:41 AM mbenson

T.25N. R.5E. W.M.

MATCH LINE LL 7+320.000, SEE SHEET AR6

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
CDL1 1+298.901	5°16'24" RT	302.250	13.919	27.819	6%
CDL1 1+385.748	4°50'58" LT	303.750	12.862	25.709	6%
BAN 100+327.122	2°19'41" LT	4480.000	91.028	182.030	NC
CDR 25+365.357	3°53'20" LT	227.250	7.715	15.425	N/A
CDR 25+398.283	14°12'51" LT	202.250	25.217	50.175	N/A
S 15+042.414	2°30'25" RT	1170.700	25.617	51.225	2%
S 15+077.700	3°33'47" RT	311.100	9.676	19.346	2%
S 15+163.780	3°33'50" LT	292.980	9.115	18.224	2%
BAL 25+000.037	1°54'30" RT	2271.978	37.839	75.671	2%
BAL 25+126.133	1°54'30" LT	4480.000	74.611	149.209	2%
BAR 25+107.175	0°42'59" RT	5000.000	31.262	62.524	

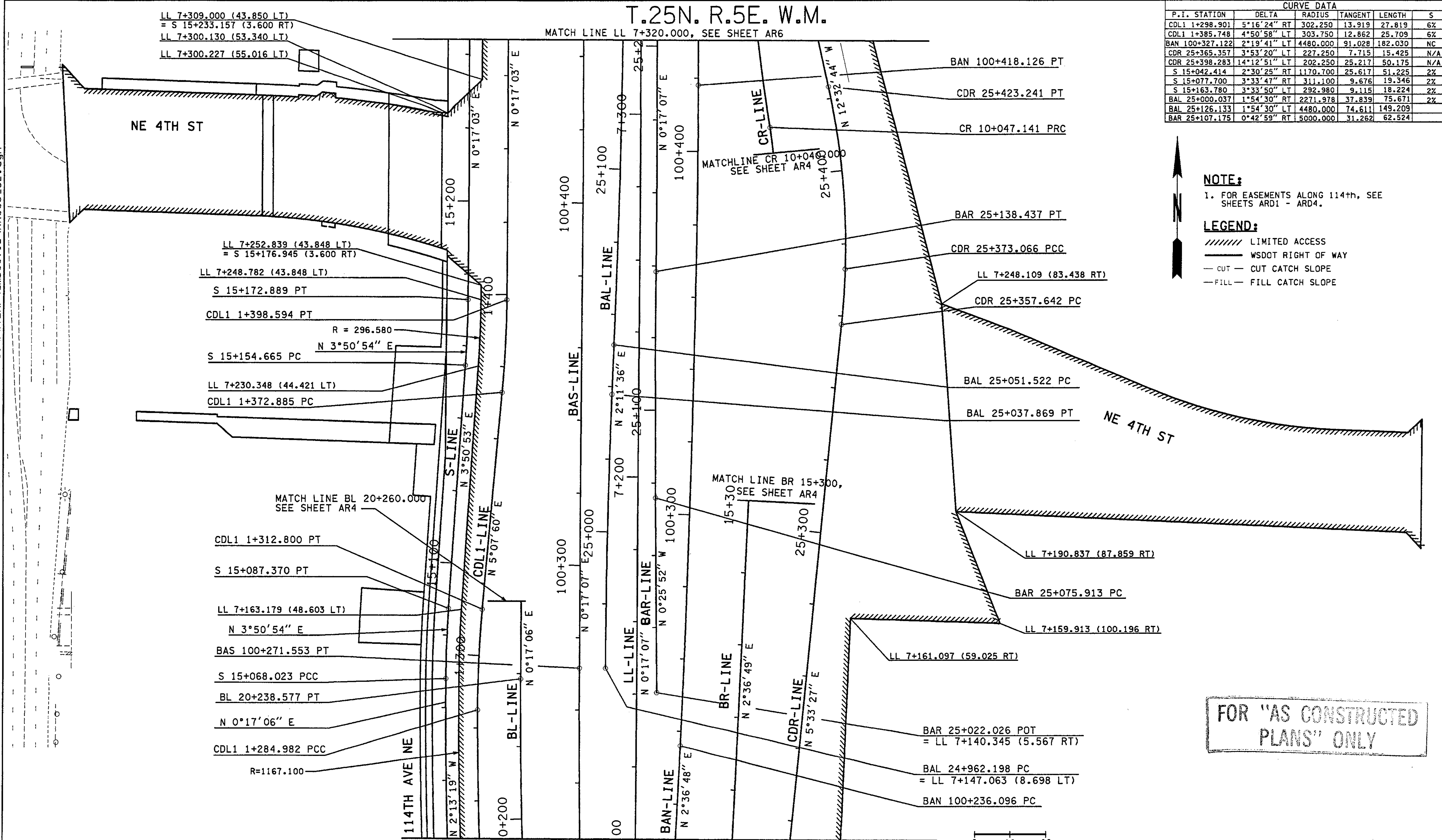
**NOTE:**

1. FOR EASEMENTS ALONG 114th, SEE SHEETS AR1 - AR4.

**LEGEND:**

- ////// LIMITED ACCESS
- WSDOT RIGHT OF WAY
- - - - CUT - CUT CATCH SLOPE
- - - - FILL - FILL CATCH SLOPE

FOR "AS CONSTRUCTED PLANS" ONLY



MATCH LINE LL 7+100.000, SEE SHEET AR2

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ALIGNMENT/RIGHT OF WAY PLAN

SHEET NO. AR3  
50 OF 1152 SHEETS



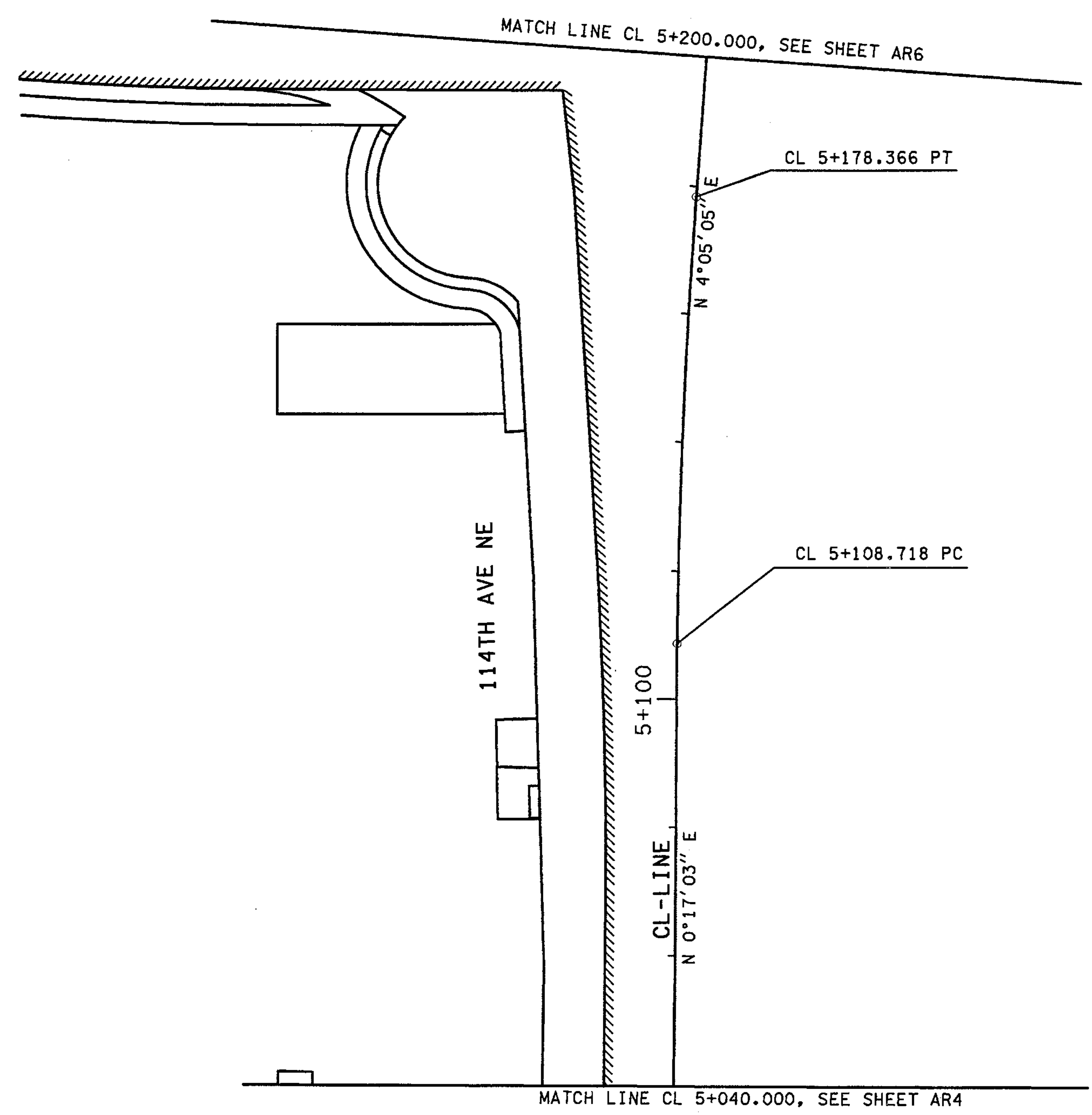


T.25N. R.5E. W.M.

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
CL 5+143.555	3°48'02" RT	1050.000	34.836	69.647	3%

**NOTE:**  
1. FOR EASEMENTS ALONG 114th, SEE SHEETS ARD1 - ARD4.

**LEGEND:**  
 // LIMITED ACCESS  
 — WSDOT RIGHT OF WAY  
 - - CUT - CUT CATCH SLOPE  
 - - FILL - FILL CATCH SLOPE



FOR "AS CONSTRUCTED PLANS" ONLY

C:\PWTEMP\dms00712\AR005\_C2.dgn  
PLOT5  
11/27/2002 09:20:13 AM  
mbenson

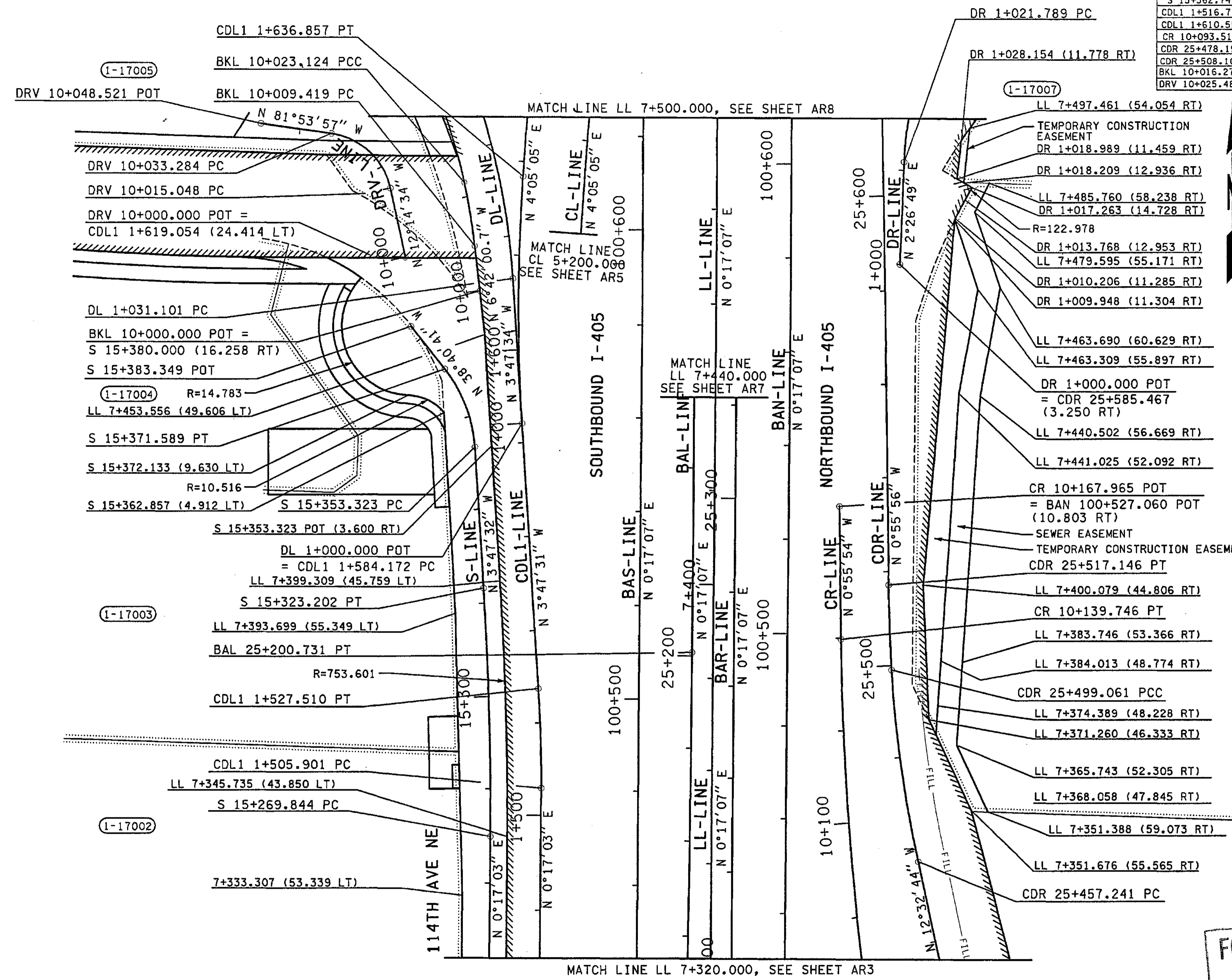
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02					ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. AR5		
ENTERED BY	MJB	12/02								ALIGNMENT/RIGHT OF WAY PLAN	SHEET 52 OF 1152 SHEETS
CHECKED BY	GBW	12/02									
PROJ. ENGR.	D. CIERI	12/02									
REGIONAL ADM.	D. DYE	12/02									
	DATE	DATE	REVISION	BY							



T.25N. R.5E. W.M.

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
S 15+296.534	4°04'34" LT	750.000	26.690	53.357	2%
S 15+362.749	34°53'08" LT	30.000	9.426	18.266	2%
CDL1 1+516.710	4°04'34" LT	303.750	10.809	21.609	6%
CDL1 1+610.556	7°52'36" RT	383.237	26.384	52.685	5%
CR 10+093.517	7°54'14" RT	671.302	46.376	92.605	3%
CDR 25+478.194	8°59'04" RT	266.695	20.953	41.820	5%
CDR 25+508.105	2°37'44" RT	394.150	9.044	18.085	6%
BKL 10+016.277	5°26'04" LT	144.494	6.858	13.705	2%
DRV 10+025.484	69°39'23" LT	15.000	10.436	18.236	N/A



- NOTE:**
- FOR EASEMENTS ALONG 114th, SEE SHEETS ARD1 - ARD4.
- SHEET NOTES:**
- A SINGLE, CONTINUOUS 90 CALENDAR DAY DURATION.
  - A SINGLE, CONTINUOUS 18 MONTH DURATION.
  - A SINGLE, CONTINUOUS 30 CALENDAR DAY DURATION. ALL WORK MONDAY THROUGH FRIDAY TO BE RESTRICTED TO THE HOURS BETWEEN 7 PM AND 5 AM.
  - A SINGLE, CONTINUOUS 10 CALENDAR DAY DURATION.
  - A SINGLE, CONTINUOUS 100 CALENDAR DAY DURATION.
- LEGEND:**
- //// LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - CUT - CUT CATCH SLOPE
  - FILL - FILL CATCH SLOPE

FOR "AS CONSTRUCTED PLANS" ONLY

c:\pwrtemp\dms00712\AR006\_C2.dgn PLOT6 12/06/2002 02:04:59 PM mahowar d

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY JRS		12/02	REGION NO. 10		STATE WASH	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. AR6
ENTERED BY MJB		12/02	JOB NUMBER 02A012		CONTRACT NO.	S 15+296.534 S 15+362.749 CDL1 1+516.710 CDL1 1+610.556 CR 10+093.517 CDR 25+478.194 CDR 25+508.105 BKL 10+016.277 DRV 10+025.484				S 15+371.589 PT S 15+372.133 (9.630 LT) S 15+362.857 (4.912 LT) S 15+353.323 PC DL 1+000.000 POT = CDL1 1+584.172 PC LL 7+399.309 (45.759 LT) S 15+323.202 PT LL 7+393.699 (55.349 LT) BAL 25+200.731 PT CDL1 1+527.510 PT R=753.601 CDL1 1+505.901 PC LL 7+345.735 (43.850 LT) S 15+269.844 PC 7+333.307 (53.339 LT)
DATE	DATE	REVISION	BY	ALIGNMENT/RIGHT OF WAY PLAN						

T.25N. R.5E. W.M.

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
P 10+084.400	1°35'21" RT	1703.296	23.622	47.242	NC
P 10+199.398	3°01'14" RT	300.000	7.909	15.815	N/A
P 10+240.845	6°16'26" LT	612.018	33.541	67.015	NC
SW 10+022.107	4°04'44" LT	620.818	22.107	44.195	2%

**SHEET NOTES:**

- A. A SINGLE, CONTINUOUS 90 CALENDAR DAY DURATION.
- B. A SINGLE, CONTINUOUS 18 MONTH DURATION.
- C. A SINGLE, CONTINUOUS 30 CALENDAR DAY DURATION. ALL WORK MONDAY THROUGH FRIDAY TO BE RESTRICTED TO THE HOURS BETWEEN 7 PM AND 5 AM.
- D. A SINGLE, CONTINUOUS 10 CALENDAR DAY DURATION.

SCHNITZER PROPERTY

EASEMENT DATA		
NUMBER	STATION	OFFSET
1	T 2+935.523	15.655 RT
2	T 2+935.523	19.023 RT
3	T 2+932.475	19.023 RT
4	T 2+932.475	15.655 RT
5	P 10+110.490	7.780 RT
6	P 10+113.538	7.780 RT
7	P 10+113.538	10.205 RT
8	P 10+110.490	10.205 RT
9	P 10+213.577	23.277 LT
10	P 10+214.785	23.917 LT

**NOTE:**

1. FOR EASEMENTS ALONG 114th, SEE SHEETS ARD1 - ARD4.

**LEGEND:**

- ////// LIMITED ACCESS
- WSDOT RIGHT OF WAY
- CUT - CUT CATCH SLOPE
- FILL - FILL CATCH SLOPE

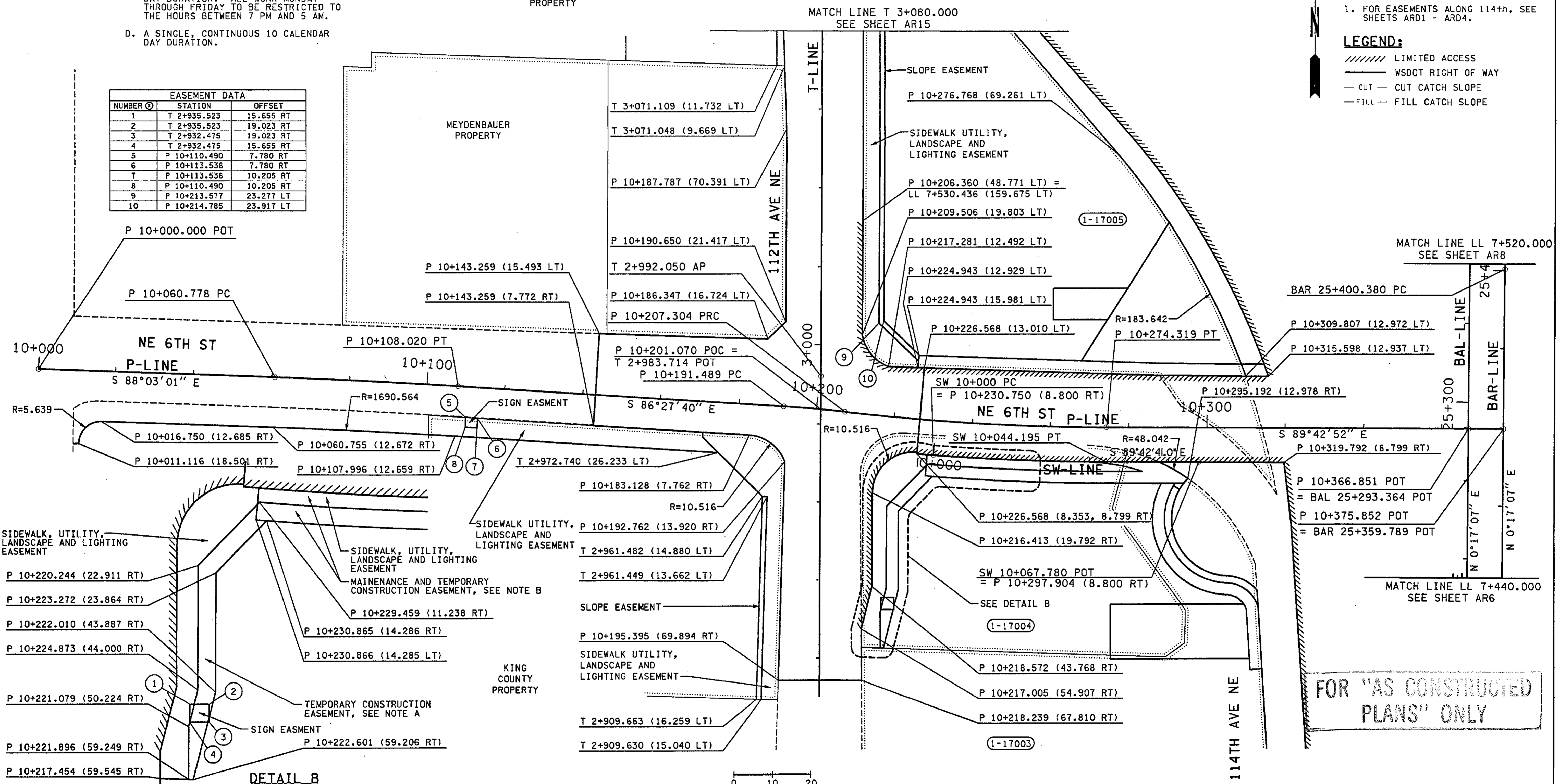
c:\pwt\emp\dms00712\AR007\_C2.dgn

PLOT7

02:07:08 PM

12/06/2002

mahoward



**DETAIL B**

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY JRS	12/02	REGION NO. 10	STATE WASH	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. AR7
ENTERED BY MJB	12/02	JOB NUMBER 02A012	CONTRACT NO.	54 OF 152 SHEETS				
CHECKED BY GBW	12/02	DATE	DATE	REVISION	BY	ALIGNMENT/RIGHT OF WAY PLAN		



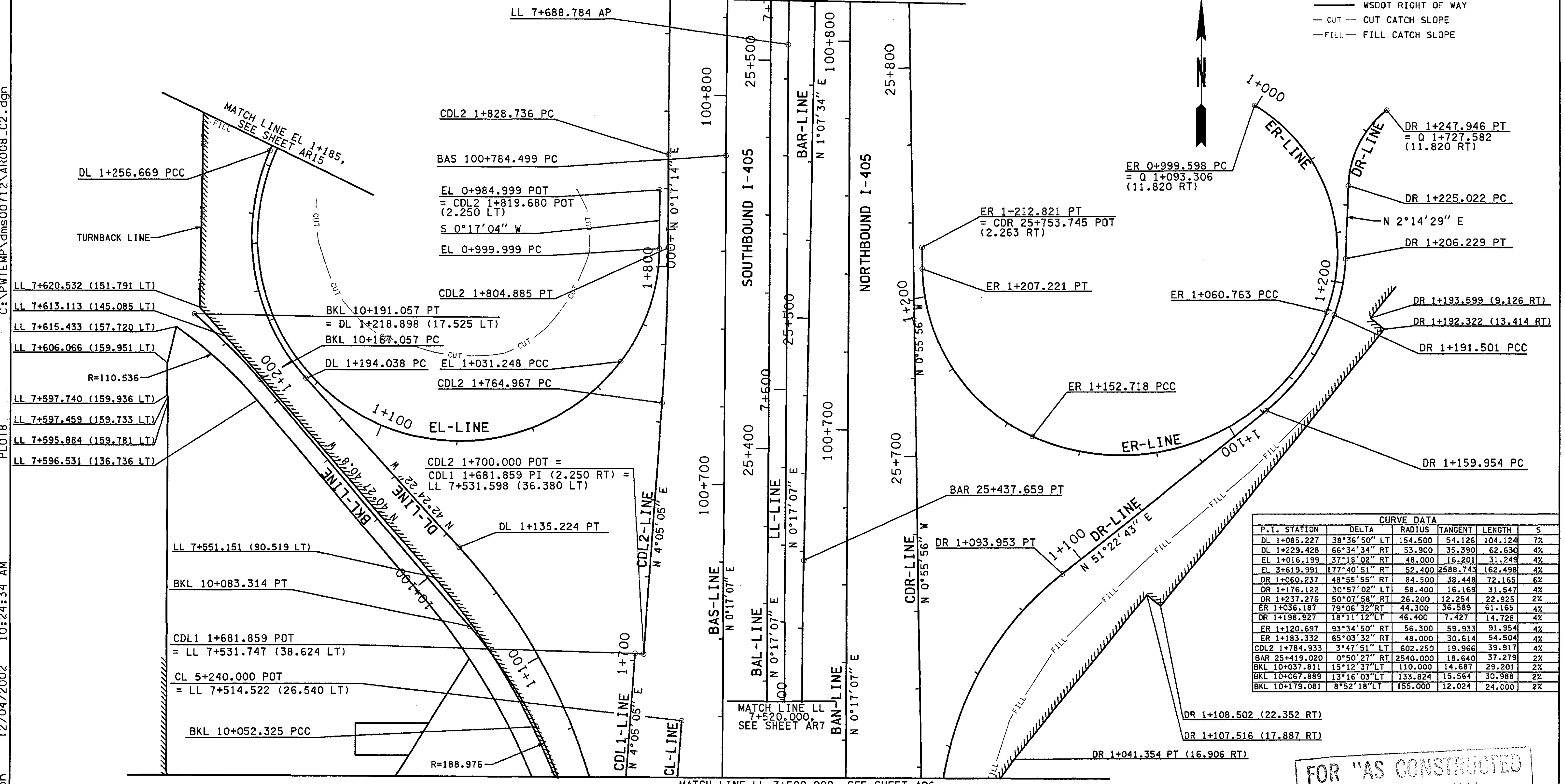
T.25N. R.5E. W.M.

MATCH LINE LL 7+700.000, SEE SHEET AR9

LEGEND:

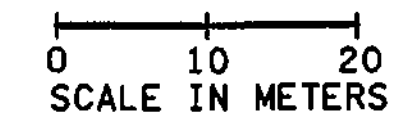
- ////// LIMITED ACCESS
- WSDOT RIGHT OF WAY
- CUT - CUT CATCH SLOPE
- FILL - FILL CATCH SLOPE

C:\PWTEMP\dms00712\AR008\_C2.dgn  
PLOT8  
12/04/2002 10:24:34 AM  
mbenson



CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
DL 1+085.227	38°36'50" LT	154.500	54.126	104.124	7%
DL 1+229.428	66°34'34" RT	53.900	35.390	62.630	4%
EL 1+016.199	37°18'02" RT	48.000	16.201	31.249	4%
EL 3+619.991	177°40'51" RT	52.400	2588.743	162.498	4%
DR 1+060.237	48°55'55" RT	84.500	38.448	72.165	6%
DR 1+176.122	30°57'02" LT	58.400	16.169	31.547	4%
DR 1+237.276	50°07'58" RT	26.200	12.254	22.925	2%
ER 1+036.187	79°06'32" RT	44.300	36.589	61.165	4%
DR 1+198.927	18°11'12" LT	46.400	7.427	14.728	4%
ER 1+120.697	93°34'50" RT	56.300	59.933	91.954	4%
ER 1+183.332	65°03'32" RT	48.000	30.614	54.504	4%
CDL2 1+784.933	3°47'51" LT	602.250	19.966	39.917	4%
BAR 25+419.020	0°50'27" RT	2540.000	18.640	37.279	2%
BKL 10+037.811	15°12'37" LT	110.000	14.687	29.201	2%
BKL 10+067.889	13°16'03" LT	133.824	15.564	30.988	2%
BKL 10+179.081	8°52'18" LT	155.000	12.024	24.000	2%

FOR "AS CONSTRUCTED PLANS" ONLY

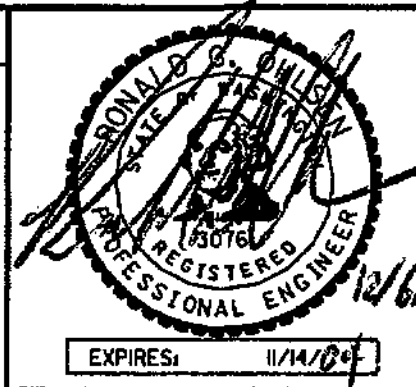


ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	DATE	DATE	REVISION	BY
JRS	MJB	GBW	D. CIERI	D. DYE	12/02	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.	JOB NUMBER	CONTRACT NO.
10	WASH		02A012	



ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ALIGNMENT/RIGHT OF WAY PLAN

SHEET NO  
AR8  
55  
1152  
SHEETS

T.25N. R.5E. W.M.

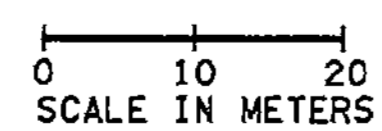
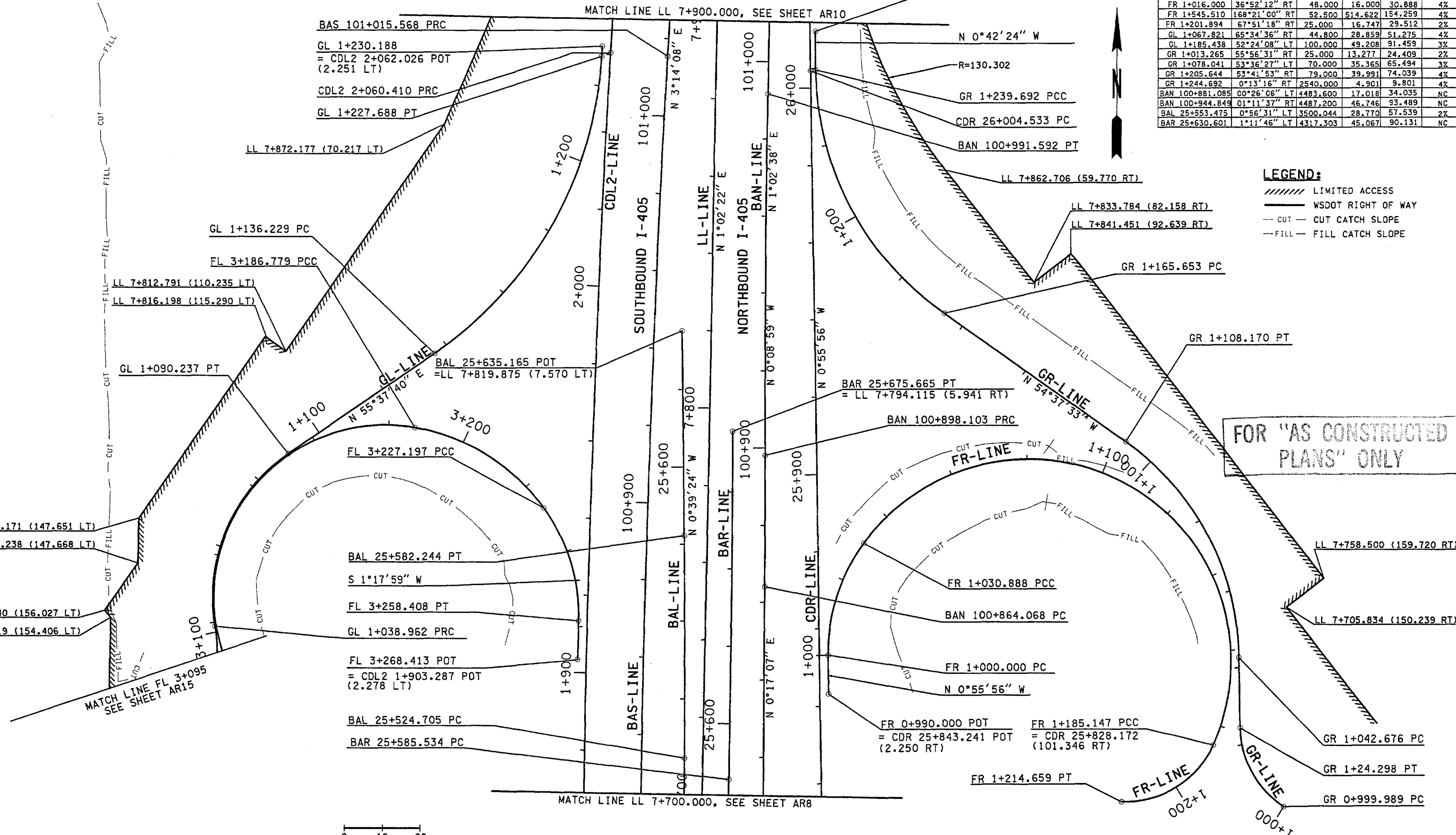
CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
BAS 100+900.059	02°57'02" RT	4487.200	115.561	231.070	NC
CDL2 1+944.598	02°56'54" RT	4502.050	115.863	231.674	2%
FL 3+208.054	44°11'41" RT	52.400	21.275	40.418	4%
FL 3+243.377	37°15'18" RT	48.000	16.180	31.211	4%
FR 1+016.000	36°52'12" RT	48.000	16.000	30.888	4%
FR 1+545.510	168°21'00" RT	52.500	514.622	154.259	4%
FR 1+201.894	67°51'18" RT	25.000	16.747	29.512	2%
GL 1+067.821	65°34'36" RT	44.800	28.859	51.275	4%
GL 1+185.438	52°24'08" LT	100.000	49.208	91.459	3%
GR 1+013.265	55°56'31" RT	25.000	13.277	24.409	2%
GR 1+078.041	53°36'27" LT	70.000	35.365	65.494	3%
GR 1+205.644	53°41'53" RT	79.000	39.991	74.039	4%
GR 1+244.692	0°13'16" RT	2540.000	4.901	9.801	4%
BAN 100+881.085	00°26'06" LT	4483.600	17.018	34.035	NC
BAN 100+944.849	01°11'37" RT	4487.200	46.746	93.489	NC
BAL 25+553.475	0°56'31" LT	3500.044	28.770	57.539	2%
BAR 25+630.601	1°11'46" LT	4317.303	45.067	90.131	NC

LEGEND:

- ////// LIMITED ACCESS
- WSDOT RIGHT OF WAY
- - - - CUT — CUT CATCH SLOPE
- - - - FILL — FILL CATCH SLOPE

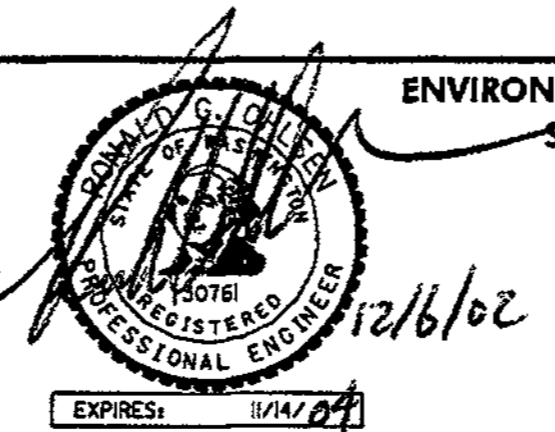
FOR "AS CONSTRUCTED PLANS" ONLY

C:\PWTEMP\dms00712\AR009\_C2.dgn PLOT9 12/04/2002 10:29:12 AM mbenson



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	MJB	12/02	JOB NUMBER	02A012	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER			
CHECKED BY	GBW	12/02	CONTRACT NO.		Washington State Department of Transportation			
PROJ. ENGR.	D. CIERI	12/02			HDR ENGINEERING INC.			
REGIONAL ADM.	D. DYE	12/02			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.			
DATE	DATE	REVISION	BY		ALIGNMENT/RIGHT OF WAY PLAN			



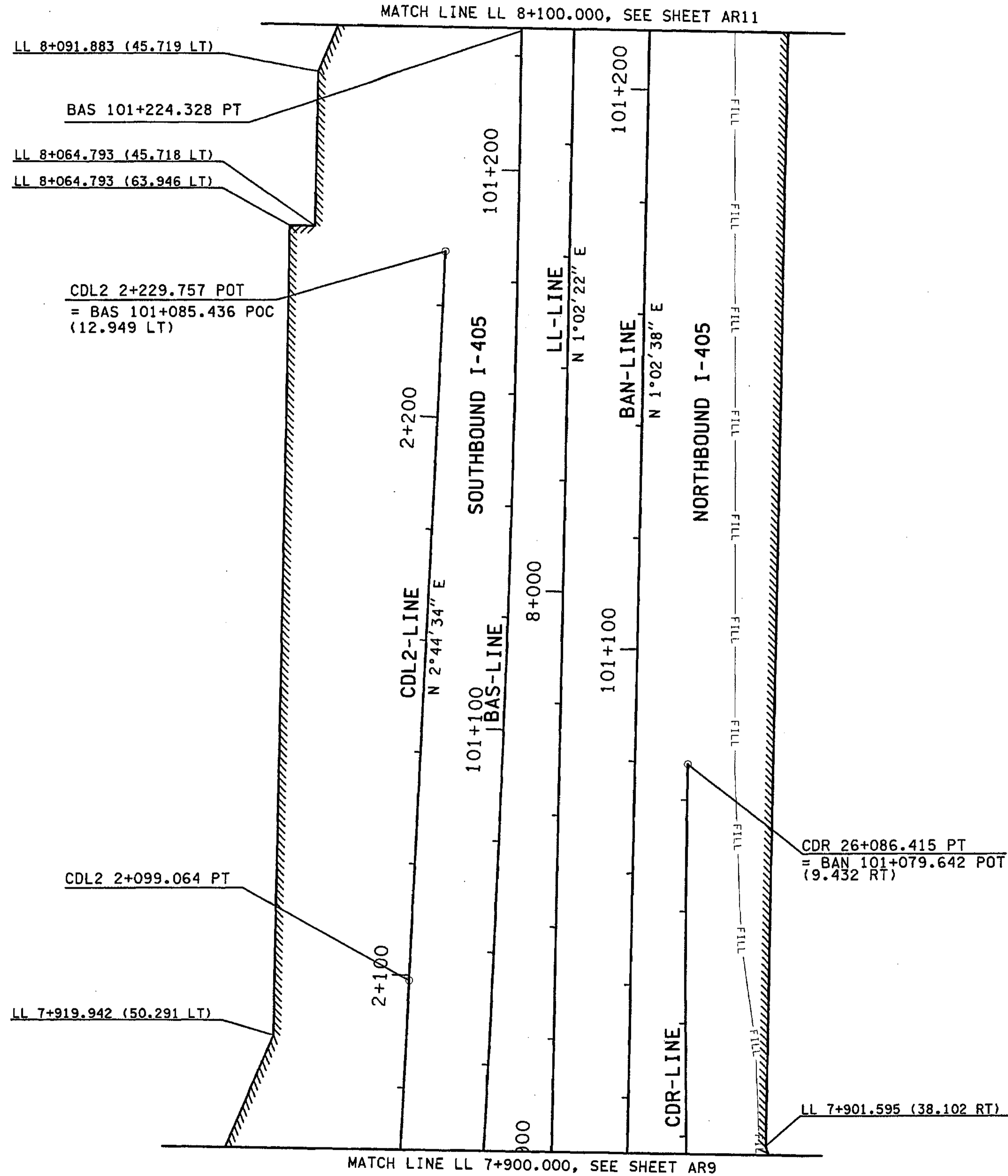
SHEET NO. AR9  
56 OF 1152 SHEETS



T.25N. R.5E. W.M.

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
CDL2 2+079.737	0°29'34" LT	4493.950	19.327	38.654	2%
BAS 101+119.967	2°39'10" LT	4508.800	104.398	208.759	NC
CDR 26+045.477	1°50'46" RT	2541.350	40.944	81.882	2%

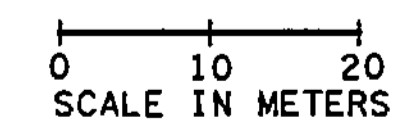
C:\PWTEMP\dms00712\AR010\_C2.dgn PLOT10 11/27/2002 09:22:52 AM mbenson



**LEGEND:**

- ////// LIMITED ACCESS
- WSDOT RIGHT OF WAY
- CUT - CUT CATCH SLOPE
- FILL - FILL CATCH SLOPE

FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY JRS	12/02			REGION NO. 10	STATE WASH	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER Washington State Department of Transportation 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. ALIGNMENT/RIGHT OF WAY PLAN	SHEET NO. AR10 SHEET 57 OF 1152 SHEETS
ENTERED BY MJB	12/02			JOB NUMBER 02A012		CONTRACT NO.				
CHECKED BY GBW	12/02			DATE	DATE	REVISION	BY			

C:\PWTEMP\dms00712\AR011\_C2.dgn

PLOT11

09:23:08 AM

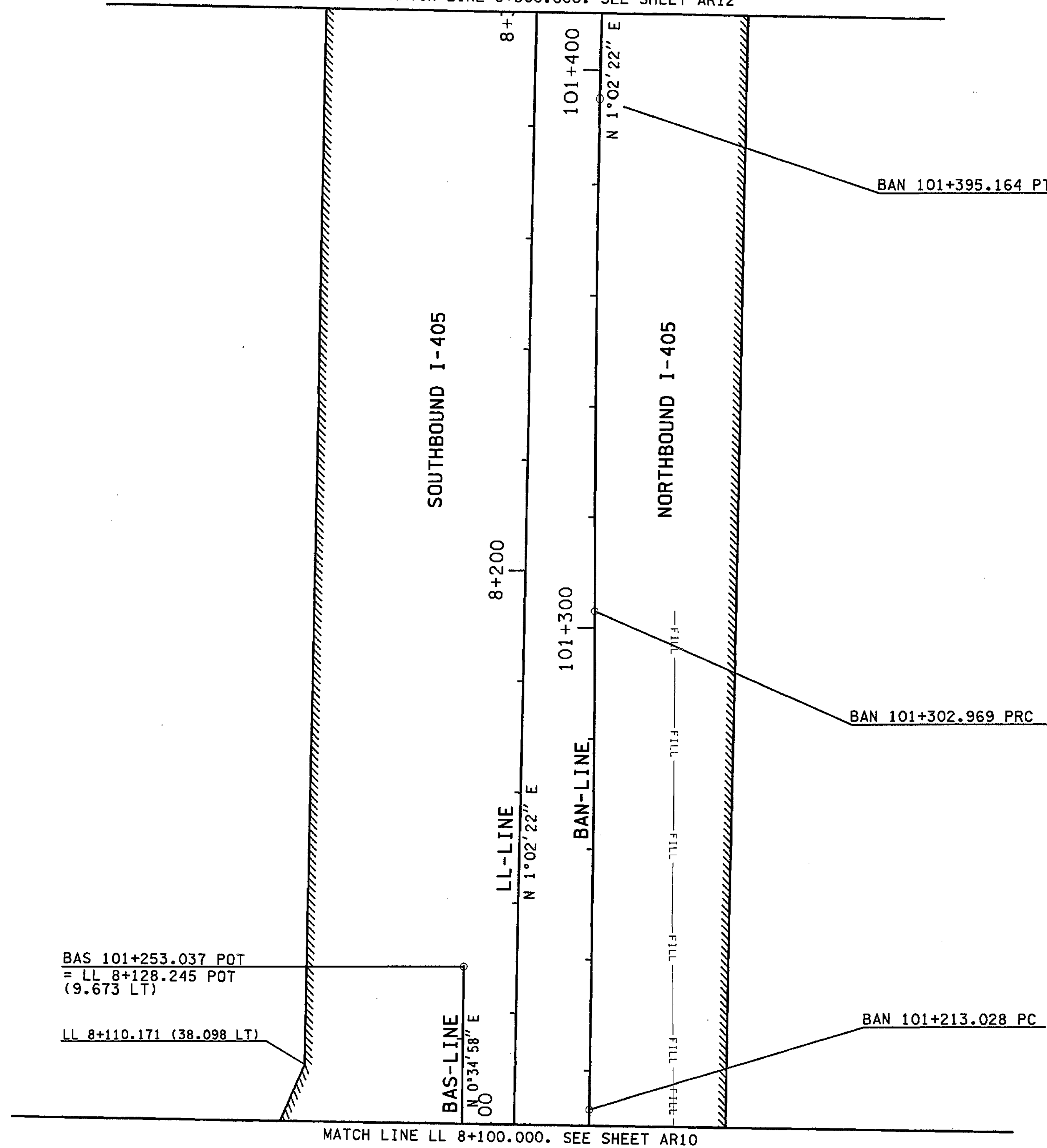
11/27/2002

mbenson

T.25N. R.5E. W.M.

MATCH LINE 8+300.000. SEE SHEET AR12

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
BAN 101+258.000	1°09'01" LT	4480.000	44.972	89.941	NC
BAN 101+349.068	1°08'44" RT	4610.797	46.099	92.195	NC



**LEGEND:**

- ////// LIMITED ACCESS
- WSDOT RIGHT OF WAY
- CUT - CUT CATCH SLOPE
- FILL - FILL CATCH SLOPE

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

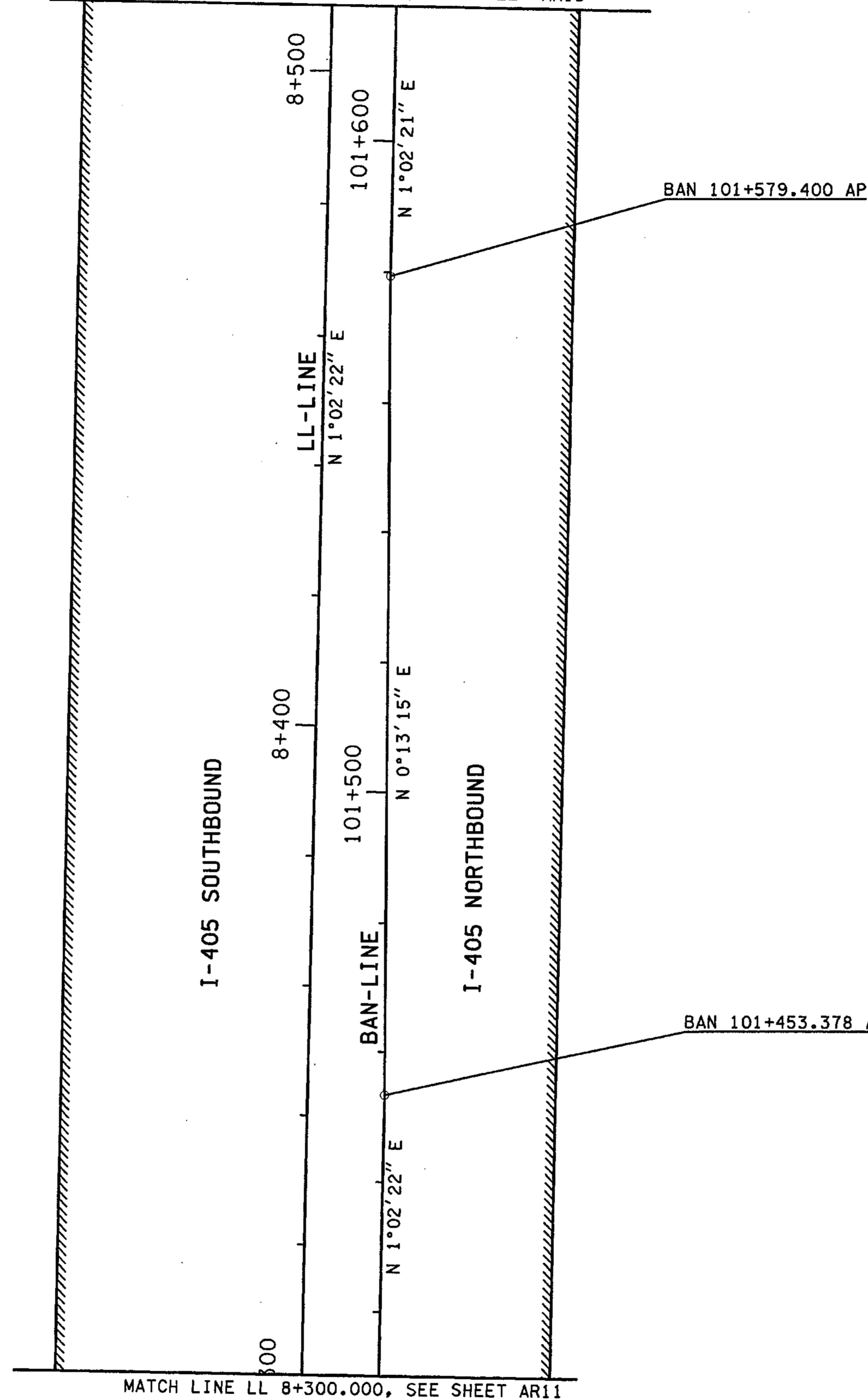
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY JRS	12/02						ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO AR11
ENTERED BY MJB	12/02									
CHECKED BY GBW	12/02									
PROJ. ENGR. D. CIERI	12/02									
REGIONAL ADM. D. DYE	12/02									SHEET 58 OF 1152 SHEETS
	DATE	DATE	REVISION	BY					ALIGNMENT/RIGHT OF WAY PLAN	



T.25N. R.5E. W.M.

MATCH LINE BAN 101+620.000, SEE SHEET AR13



**LEGEND:**  
 // LIMITED ACCESS  
 — WSDOT RIGHT OF WAY  
 - - CUT - - CUT CATCH SLOPE  
 - - FILL - - FILL CATCH SLOPE

FOR "AS CONSTRUCTED  
 PLANS" ONLY

0 10 20  
 SCALE IN METERS

mbenson 11/27/2002 09:23:22 AM PLOT12 C:\PWTEMP\dms00712\AR012\_C2.dgn

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY JRS		12/02		REGION NO.		STATE		FED.AID PROJ.NO.			<b>ENVIRONMENTAL AND ENGINEERING SERVICE CENTER</b>		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. <b>AR12</b>
ENTERED BY MJB		12/02		10		WASH								
CHECKED BY GBW		12/02		JOB NUMBER		02A012						ALIGNMENT/RIGHT OF WAY PLAN	SHEET <b>59</b> OF <b>152</b> SHEETS	
PROJ. ENGR. D. CIERI		12/02		CONTRACT NO.										
REGIONAL ADM. D. DYE		12/02		DATE		DATE		REVISION		BY				

T.25N. R.5E. W.M.

MATCH LINE BAN 101+820.000, SEE SHEET AR14

- LEGEND:**
- ////// LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - CUT - CUT CATCH SLOPE
  - FILL - FILL CATCH SLOPE

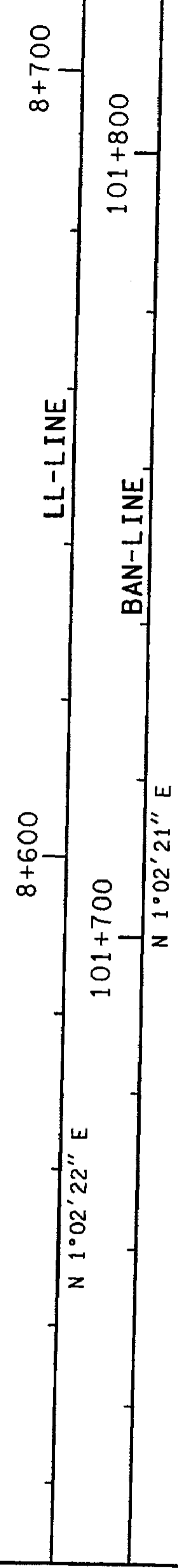


LL 8+674.84 (54.86 +/- LT)

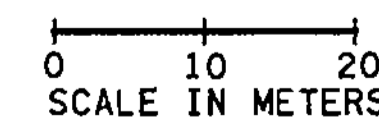
LL 8+583.40 (38.10 +/- LT)

I-405 SOUTHBOUND

I-405 NORTHBOUND



MATCH LINE BAN 101+620.000, SEE SHEET AR12



FOR "AS CONSTRUCTED PLANS" ONLY

C:\PWTEMP\dms00712\AR013\_C2.dgn PLOT13 11/27/2002 09:23:35 AM mbenson

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. AR13
ENTERED BY	MJB	12/02			10	WASH						
CHECKED BY	GBW	12/02			JOB NUMBER							
PROJ. ENGR.	D. CIERI	12/02			02A012							
REGIONAL ADM.	D. DYE	12/02			CONTRACT NO.							
		DATE	DATE	REVISION	BY						ALIGNMENT/RIGHT OF WAY PLAN	SHEET 60 OF 1152 SHEETS

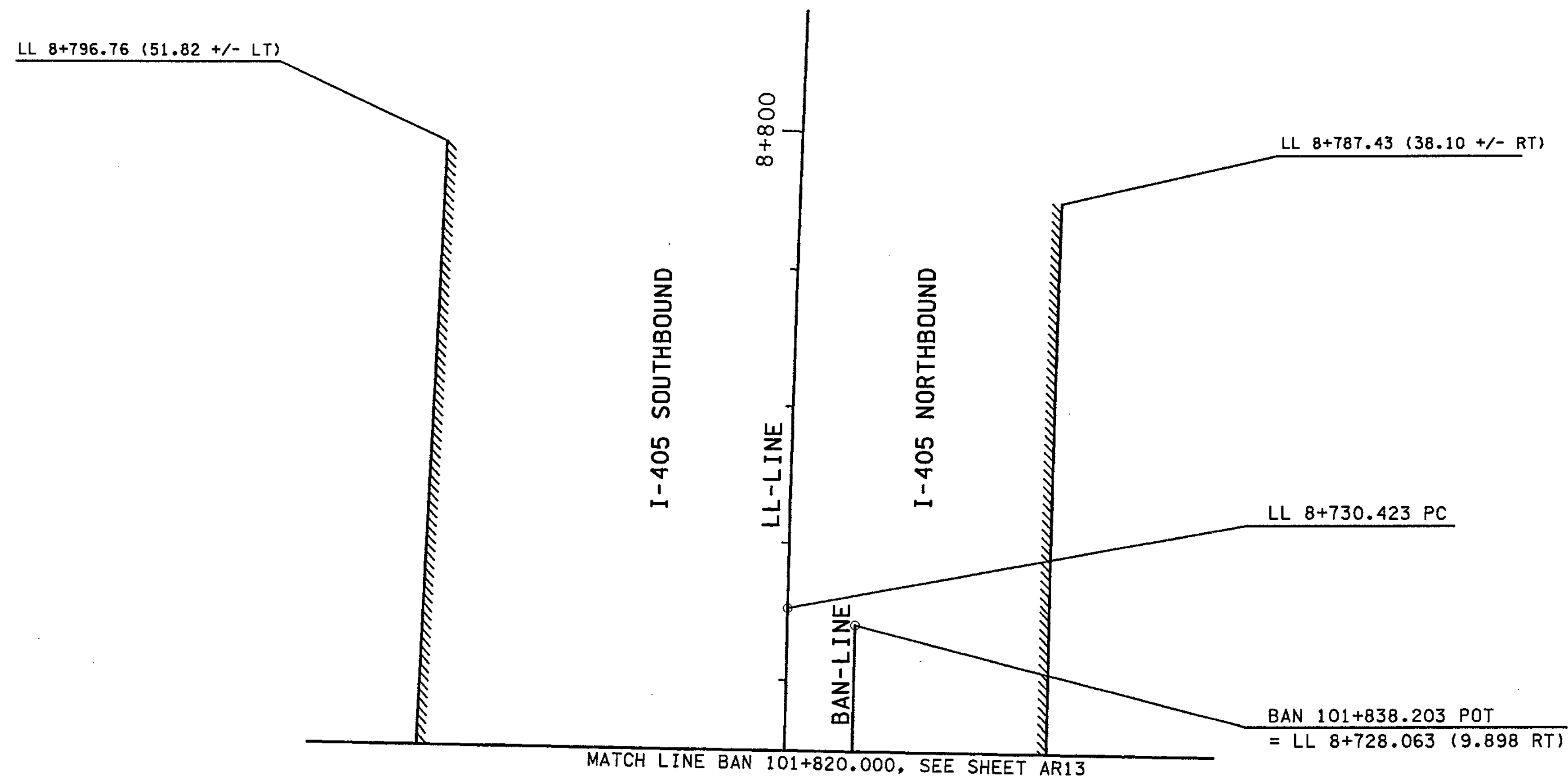


T.25N. R.5E. W.M.

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LL 9+135.387	13°13'34.4"RT	3493.001	404.964	806.328	2%



- LEGEND:**
- ////// LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - CUT - CUT CATCH SLOPE
  - FILL - FILL CATCH SLOPE



FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY JRS	12/02					ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO AR14
ENTERED BY MJB	12/02								
CHECKED BY GBW	12/02								
PROJ. ENGR. D. CIERI	12/02								
REGIONAL ADM. D. DYE	12/02								
	DATE	DATE	REVISION	BY				ALIGNMENT/RIGHT OF WAY PLAN	SHEET 61 OF 1152 SHEETS

C:\PWTEMP\dms007112\AR014\_C2.dgn

PLOT14

11/27/2002 09:23:47 AM

mbenson

C:\pwrtemp\dms00712\AR015\_C2.DGN PLOT16 04/22/2003 09:09:23 AM cwillcox

T.25N. R.5E. W.M.

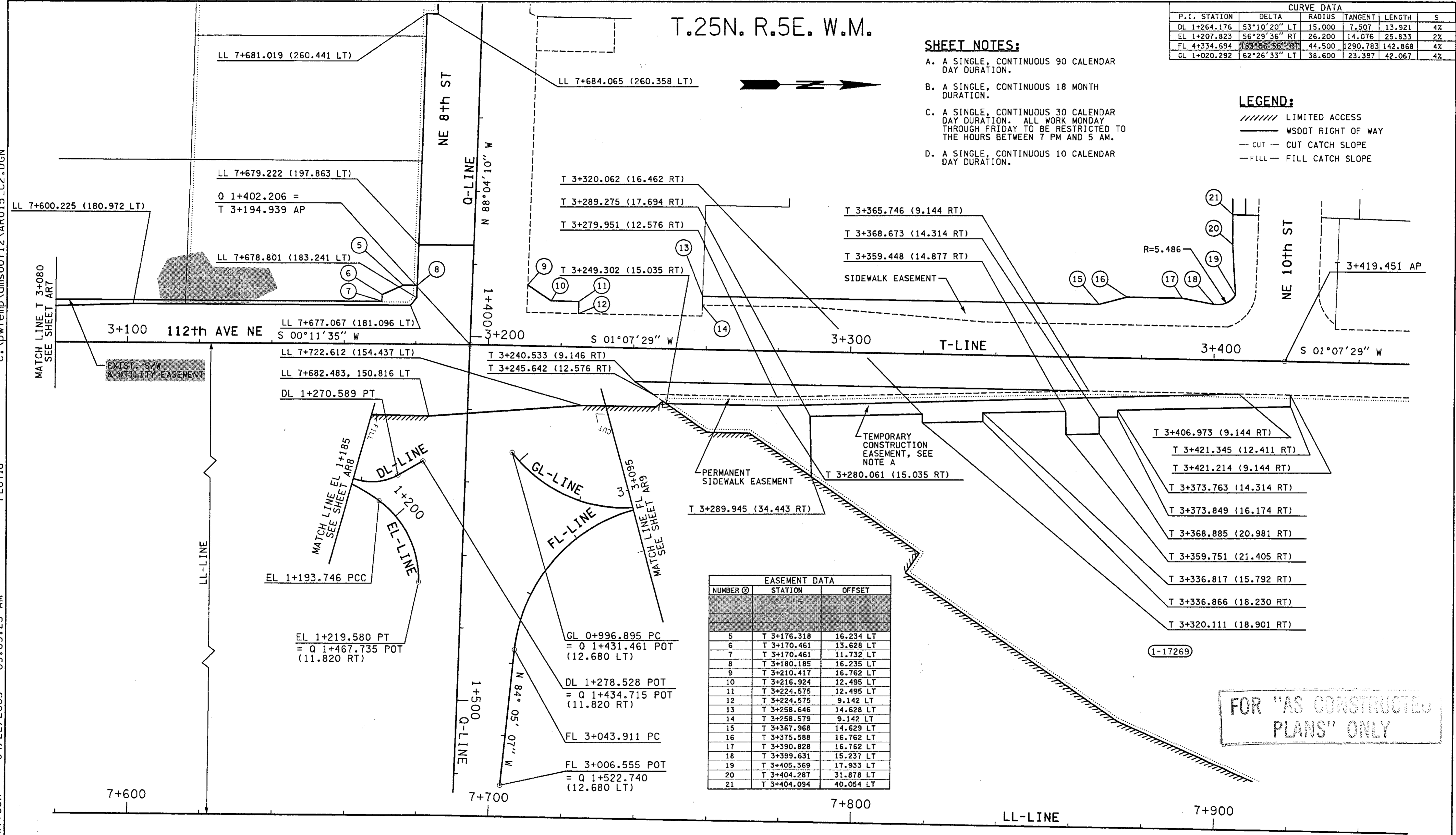
CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
DL 1+264.176	53°10'20" LT	15.000	7.507	13.921	4%
EL 1+207.823	56°29'36" RT	26.200	14.076	25.833	2%
FL 4+334.694	183°56'56" RT	44.500	1290.783	142.868	4%
GL 1+020.292	62°26'33" LT	38.600	23.397	42.067	4%

**SHEET NOTES:**

- A. A SINGLE, CONTINUOUS 90 CALENDAR DAY DURATION.
- B. A SINGLE, CONTINUOUS 18 MONTH DURATION.
- C. A SINGLE, CONTINUOUS 30 CALENDAR DAY DURATION. ALL WORK MONDAY THROUGH FRIDAY TO BE RESTRICTED TO THE HOURS BETWEEN 7 PM AND 5 AM.
- D. A SINGLE, CONTINUOUS 10 CALENDAR DAY DURATION.

**LEGEND:**

- ////// LIMITED ACCESS
- WSDOT RIGHT OF WAY
- - - - CUT — CUT CATCH SLOPE
- - - - FILL — FILL CATCH SLOPE



EASEMENT DATA		
NUMBER	STATION	OFFSET
5	T 3+176.318	16.234 LT
6	T 3+170.461	13.628 LT
7	T 3+170.461	11.732 LT
8	T 3+180.185	16.235 LT
9	T 3+210.417	16.762 LT
10	T 3+216.924	12.495 LT
11	T 3+224.575	12.495 LT
12	T 3+224.575	9.142 LT
13	T 3+258.646	14.628 LT
14	T 3+258.579	9.142 LT
15	T 3+367.968	14.629 LT
16	T 3+375.588	16.762 LT
17	T 3+390.828	16.762 LT
18	T 3+399.631	15.237 LT
19	T 3+405.369	17.933 LT
20	T 3+404.287	31.878 LT
21	T 3+404.094	40.054 LT

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20 SCALE IN METERS

DESIGNED BY	BH	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	SR	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02	4/23/03	EASEMENT REVISIONS	RGD
		DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

4/29/03

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

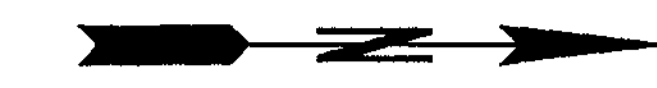
ALIGNMENT/RIGHT OF WAY PLAN

SHEET NO. AR15

SHEET 62 OF 1152 SHEETS

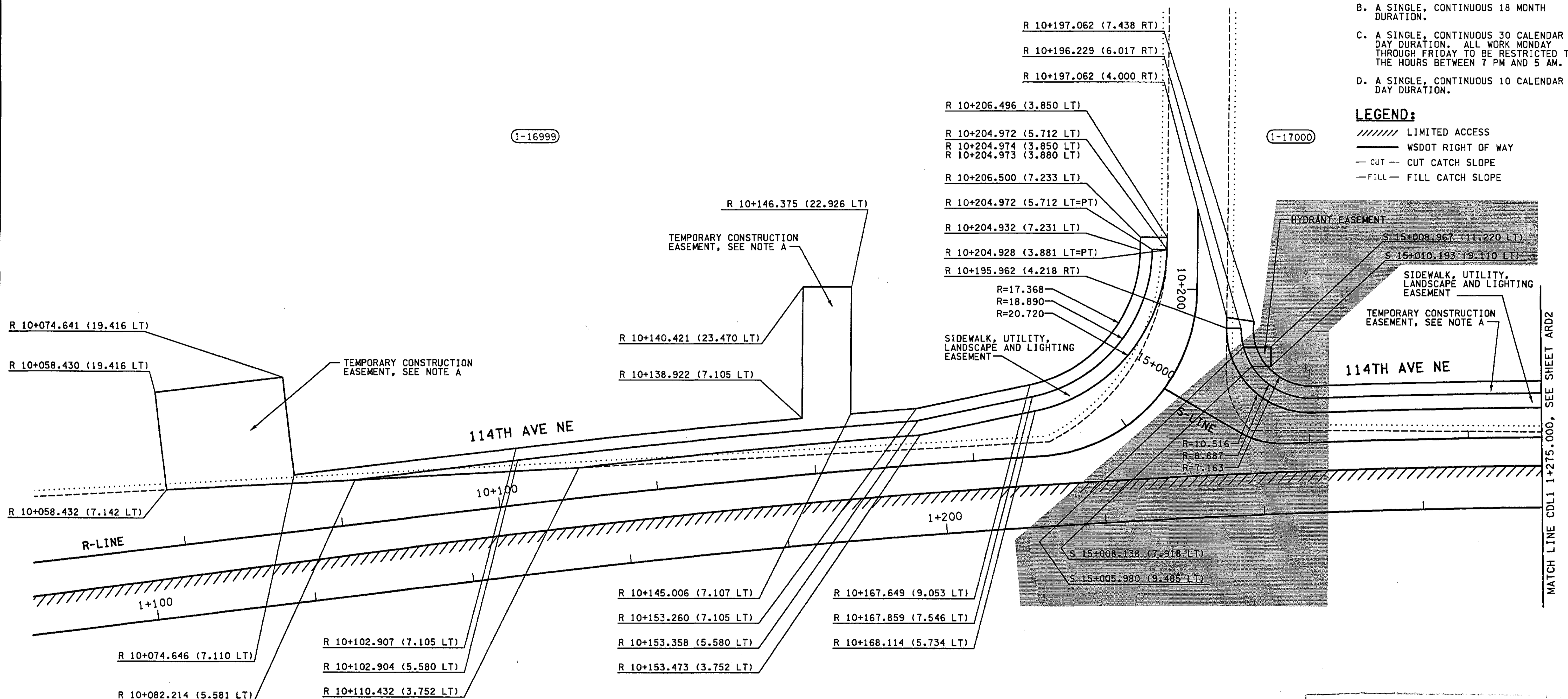


C:\PWTEMP\dms00712\ARD001\_C2.dgn  
PLOT2  
03/20/2003 01:18:48 PM  
Ikeiler



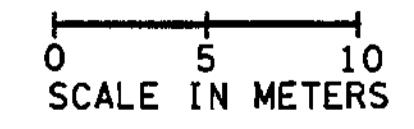
- SHEET NOTES:**
- A. A SINGLE, CONTINUOUS 90 CALENDAR DAY DURATION.
  - B. A SINGLE, CONTINUOUS 18 MONTH DURATION.
  - C. A SINGLE, CONTINUOUS 30 CALENDAR DAY DURATION. ALL WORK MONDAY THROUGH FRIDAY TO BE RESTRICTED TO THE HOURS BETWEEN 7 PM AND 5 AM.
  - D. A SINGLE, CONTINUOUS 10 CALENDAR DAY DURATION.

- LEGEND:**
- ////// LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - CUT - CUT CATCH SLOPE
  - FILL - FILL CATCH SLOPE



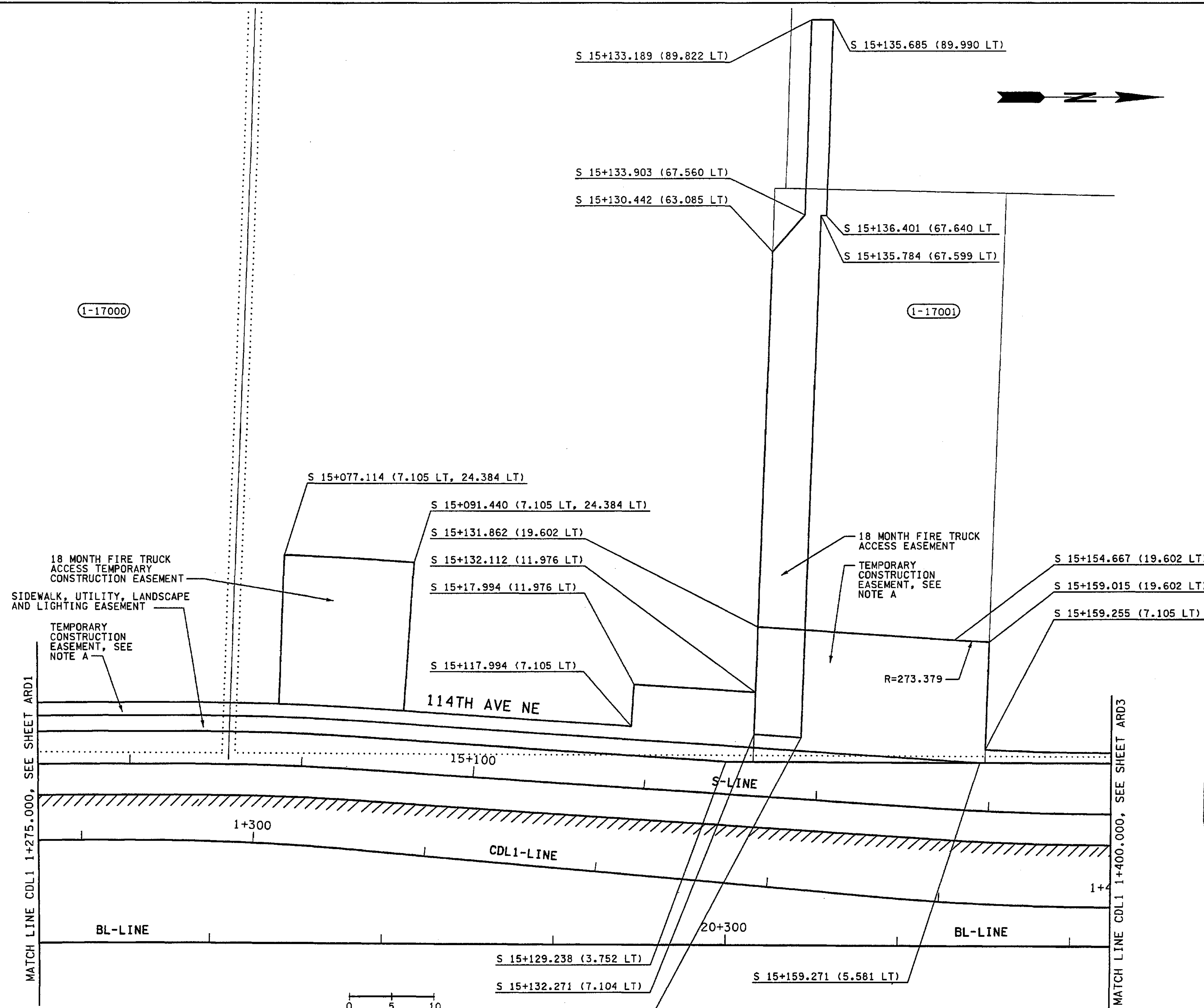
FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.



DESIGNED BY MJB		12/02	REGION NO. STATE		10 WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. 63 OF 1152 SHEETS
ENTERED BY JRS		12/02	JOB NUMBER		02A012	CONTRACT NO.					ALIGNMENT/RIGHT OF WAY DETAILS
CHECKED BY GBW		12/02	DATE		3/28/03	REVISION		REVISED HYDRANT EASEMENT RGO			
PROJ. ENGR. D. CIERI		12/02	DATE			REVISION					
REGIONAL ADM. D. DYE		12/02	DATE			REVISION					

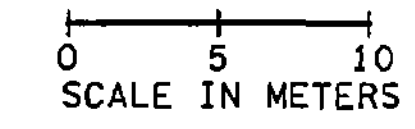
c:\pwrtemp\dms00712\ARD002\_C2.dgn  
PLOT2  
12/06/2002 02:13:29 PM  
mchoward



- SHEET NOTES:**
- A. A SINGLE, CONTINUOUS 90 CALENDAR DAY DURATION.
  - B. A SINGLE, CONTINUOUS 18 MONTH DURATION.
  - C. A SINGLE, CONTINUOUS 30 CALENDAR DAY DURATION. ALL WORK MONDAY THROUGH FRIDAY TO BE RESTRICTED TO THE HOURS BETWEEN 7 PM AND 5 AM.
  - D. A SINGLE, CONTINUOUS 10 CALENDAR DAY DURATION.
- LEGEND:**
- ////// LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - CUT - CUT CATCH SLOPE
  - FILL - FILL CATCH SLOPE

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.



DESIGNED BY	MJB	12/02			
ENTERED BY	JRS	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/16/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ALIGNMENT/RIGHT OF WAY DETAILS

SHEET NO  
ARD2

64 OF 1152 SHEETS



C:\PWTEMP\dms00712\ARD003\_C2.dgn  
PLOT2  
11/27/2002 09:24:54 AM  
mbenson

112TH AVE NE

N 0+112.159 (59.900 LT)  
N 0+111.865 (66.909 LT)

N 0+112.434 (52.043 LT)  
N 0+117.806 (52.231 LT)

N 0+111.943 (72.006 LT)

18 MONTH TEMPORARY FIRE TRUCK ACCESS EASEMENT

N 0+119.343 (72.265 LT)

N 0+119.521 (67.176 LT)

N 0+117.532 (60.088 LT)

N 0+120.077 (14.623 LT & 17.671 LT)

18 MONTH TEMPORARY FIRE TRUCK ACCESS EASEMENT

N 0+162.901 (14.624 LT & 17.672 LT)

N 0+173.910 (17.764 LT)

N 0+173.910 (18.373 LT)

N 0+173.472 (21.840 LT)

18 MONTH TEMPORARY FIRE TRUCK ACCESS EASEMENT

N 0+173.235 (27.519 LT)

N 0+178.013 (27.834 LT)

N 0+178.482 (22.172 LT)

N 0+178.528 (18.477 LT)

N 0+179.983 (16.689 LT)

N 0+183.385 (16.798 LT)

N 0+183.432 (18.627 LT)

TEMPORARY CONSTRUCTION EASEMENT, SEE NOTE C

N 0+196.761 (19.253 LT)

R=356.229

TEMPORARY CONSTRUCTION EASEMENT, SEE NOTE B

N 0+208.533 (20.071 LT)

N 0+211.838 (20.786 LT)

18 MONTH TEMPORARY FIRE TRUCK ACCESS EASEMENT

TEMPORARY CONSTRUCTION EASEMENT, SEE NOTE A

S 15+280.111 (16.106 LT)

SEE DETAIL A

S 15+280.221 (8.098 LT)

S 15+280.252 (6.573 LT)

S 15+280.111 (6.572 LT)

S 15+285.274 (8.179 LT)

S 15+285.294 (6.655 LT)

DETAIL A

S 15+295.961 (13.106 LT)

S 15+295.961 (6.713 LT)

FOR "AS CONSTRUCTED PLANS" ONLY

0 5 10  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MJB	12/02				REGION NO.	STATE	FED.AID PROJ.NO.
ENTERED BY	JRS	12/02				10	WASH	
CHECKED BY	GBW	12/02				JOB NUMBER		
PROJ. ENGR.	D. CIERI	12/02				02A012		
REGIONAL ADM.	D. DYE	12/02				CONTRACT NO.		
	DATE	DATE	REVISION	BY				

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

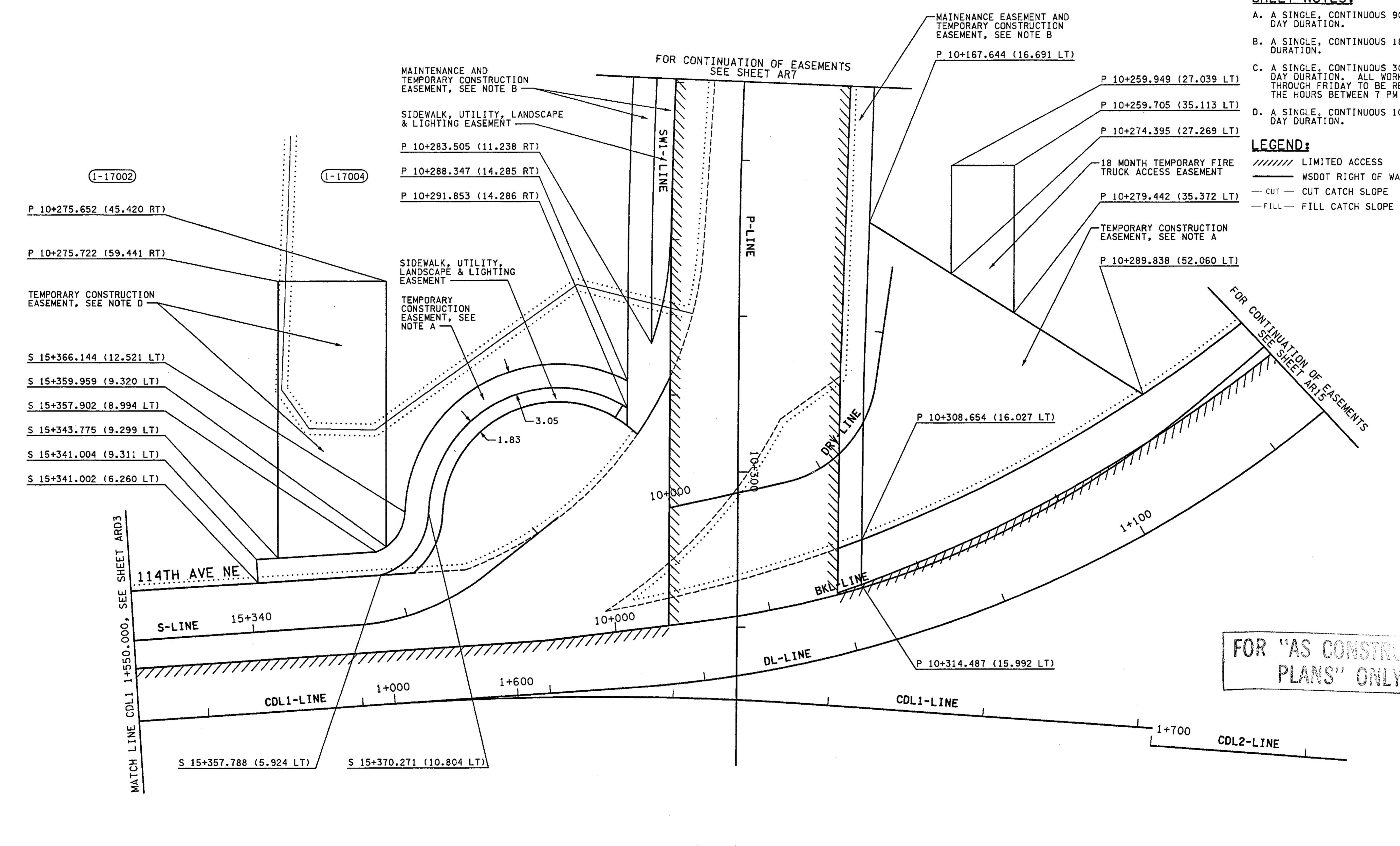
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ALIGNMENT/RIGHT OF WAY DETAILS

SHEET NO. ARD3  
65 OF 1152 SHEETS

c:\pwt\emp\dms00712\ARD004\_C2.dgn PLOT2 12/06/2002 02:14:39 PM mahoward



- SHEET NOTES:**
- A. A SINGLE, CONTINUOUS 90 CALENDAR DAY DURATION.
  - B. A SINGLE, CONTINUOUS 18 MONTH DURATION.
  - C. A SINGLE, CONTINUOUS 30 CALENDAR DAY DURATION. ALL WORK MONDAY THROUGH FRIDAY TO BE RESTRICTED TO THE HOURS BETWEEN 7 PM AND 5 AM.
  - D. A SINGLE, CONTINUOUS 10 CALENDAR DAY DURATION.

- LEGEND:**
- ////// LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - CUT — CUT CATCH SLOPE
  - FILL — FILL CATCH SLOPE

FOR "AS CONSTRUCTED PLANS" ONLY

0 5 10  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MJB	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO.	ARD4
ENTERED BY	JRS	12/02			10	WASH						
CHECKED BY	GBW	12/02			JOB NUMBER	02A012						
PROJ. ENGR.	D. CIERI	12/02			CONTRACT NO.							
REGIONAL ADM.	D. DYE	12/02										
	DATE	DATE	REVISION	BY							SHEET	66 1152 SHEETS







# QUANTITY TABULATION - SITE PREPARATION

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.			REMOVING PAINT LINE	REMOVING PLASTIC LINE		REMOVING PLASTIC TRAFFIC MARKING	REMOVING PLASTIC CROSSWALK LINE	REMOVING RAISED PAVEMENT MARKER	REMOVING TRAFFIC CURB	REMOVING CHAIN LINK FENCE	CLEARING AND GRUBBING	REMOVE MISC TRAFFIC ITEM	REMOVING HANDRAIL	REMOVE EXISTING RETAINING WALL A	REMOVE EXISTING RETAINING WALL B	REMOVE EXISTING RETAINING WALL C	SEE GENERAL NOTES	GENERAL NOTES:
CODE	LOCATION \ UNIT OF MEASURE >		#	#		EACH	m <sup>2</sup>	HUND	#	#	ha	L.S.	#	L.S.	L.S.	L.S.		
SP1-2	BAS 100+017.8 TO 100+090																	1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.  2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.
SP1-6	CDL1 1+000 TO 1+602.9									603								
SP1-2	BAN 100+000 TO 100+093		175	168				1									1,2	
SP2-6	BAS 100+090 TO 100+538													1				
SP2-11	BAS 100+031.3 TO 101+230		1716	804				11.3									1,2	
SP2	BAS 100+031.3 TO 100+050																	
SP2-3	BAS 100+106.2 TO 100+271.6																	
SP2-3	BAN 100+030 TO 100+399													1			1,2	
SP3-14	BAN 100+237 TO 101+838.2		3397	1218				15.4										
SP2-4	BR 15+173.2 TO 15+337.4 (LT)										0.07							
SP2-3	BR 15+135 TO 15+300 (RT)																1	
SP2-4	BL 20+120 TO 20+348.9																	
SP2	BL 20+113.2 TO 20+120																	
SP2	R 1+160.4 TO 10+206.4																	
SP2-3	S 15+004.1 TO 15+061										0.02							
SP2-3	CDR 25+101.22 TO 25+221.6																	
SP3-6	BAN 100+221.7 TO 100+488.2 (RT)										0.2							
SP3-8	BAL 24+962.2 TO 25+475																	
SP3-8	BAL 25+088 TO 25+475																	
SP3-6	CDR 25+415 TO 25+521.5																	
SP3	BL 20+196 TO 20+230																	
SP3-8	BAR 25+155 TO 25+537																	
<b>SHEET TOTAL</b>			5288	2190				27.7		603	0.29			1	1	1		

FOR "AS CONSTRUCTED PLANS" ONLY

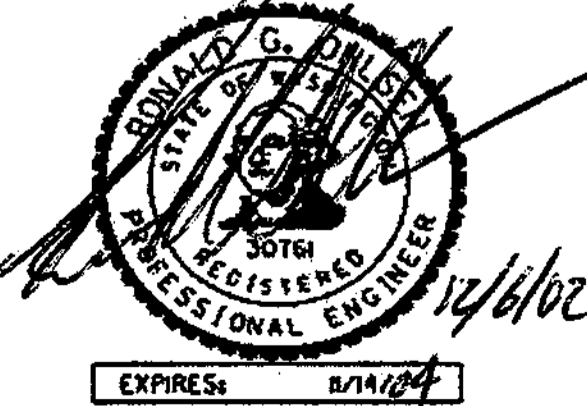

DESIGNED BY	MH	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			1 405		
ENTERED BY	MJB	12/09/02			10	WASH				BELLEVUE DIRECT ACCESS	NE 4th ST. NE 6th ST.	QSP 2
CHECKED BY	GW	12/09/02			JOB NUMBER							SHEET
PROJ. ENGR.	D. CIERI	12/09/02			02A012							68
REGION ADM.	D. DYE	12/09/02			CONTRACT NO.							OF
		DATE	DATE	REVISION	BY					1152		
										QUANTITY TABULATION - SITE PREPARATION		SHEETS



# QUANTITY TABULATION - SITE PREPARATION

CODE	LOCATION \ UNIT OF MEASURE >	REMOVE EXISTING RETAINING WALL D L.S.	REMOVE EXISTING RETAINING WALL E L.S.	REMOVE EXISTING RETAINING WALL F L.S.	REMOVE EXISTING RETAINING WALL G L.S.	REMOVE EXISTING RETAINING WALL H L.S.	REMOVE PORTION OF EXISTING RETAINING WALL I L.S.	REMOVE PORTION OF EXISTING RETAINING WALL J L.S.										SEE GENERAL NOTES	GENERAL NOTES:
<p>NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.</p> <p>THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.</p>																			
SP1-2	BAS 100+017.8 TO 100+090																		<p>1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.</p> <p>2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.</p>
SP1-6	CDL1 1+000 TO 1+602.9																		
SP1-2	BAN 100+000 TO 100+093																	1,2	
SP2-6	BAS 100+090 TO 100+538																		
SP2-11	BAS 100+031.3 TO 101+230																	1,2	
SP2	BAS 100+031.3 TO 100+050																		
SP2-3	BAS 100+106.2 TO 100+271.6																		
SP2-3	BAN 100+030 TO 100+399																		
SP3-14	BAN 100+237 TO 101+838.2																	1,2	
SP2-4	BR 15+173.2 TO 15+337.4 (LT)																		
SP2-3	BR 15+135 TO 15+300 (RT)																		
SP2-4	BL 20+120 TO 20+348.9																		
SP2	BL 20+113.2 TO 20+120																		
SP2	R 1+160.4 TO 10+206.4		1																
SP2-3	S 15+004.1 TO 15+061																		
SP2-3	CDR 25+101.22 TO 25+221.6																		
SP3-6	BAN 100+221.7 TO 100+488.2 (RT)																		
SP3-8	BAL 24+962.2 TO 25+475																		
SP3-8	BAL 25+088 TO 25+475																		
SP3-6	CDR 25+415 TO 25+521.5																		
SP3	BL 20+196 TO 20+230																		
SP3-8	BAR 25+155 TO 25+537																		
<b>SHEET TOTAL</b>			1																

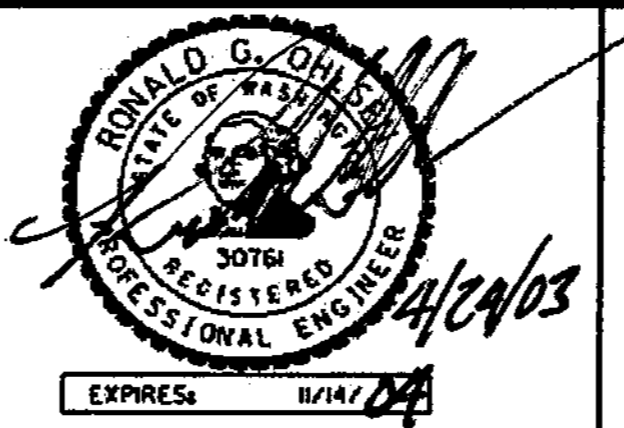
FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	MH	12/09/02				REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. NE 6th ST.	QSP 3	
ENTERED BY	MJB	12/09/02			10	WASH							SHEET
CHECKED BY	GW	12/09/02			JOB NUMBER								69
PROJ. ENGR.	D. CIERI	12/09/02			02A012								OF
REGION ADM.	D. DYE	12/09/02			CONTRACT NO.						1152		
		DATE	DATE	REVISION	BY							QUANTITY TABULATION - SITE PREPARATION	SHEETS

# QUANTITY TABULATION - SITE PREPARATION

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.															GENERAL NOTES:
CODE	LOCATION \ UNIT OF MEASURE >	REMOVING CEMENT CONC. PAVEMENT	REMOVING CEMENT CONC. SIDEWALK	REMOVING CEMENT CONC. CURB AND GUTTER	REMOVING CEMENT CONC. CURB	PLANING BITUMINOUS PAVEMENT	REMOVING ASPHALT CONC. PAVEMENT	REMOVING PRECAST CONC. BARRIER	REMOVING CAST-IN-PLACE CONC. BARRIER	REMOVING GUARDRAIL	REMOVING GUARDRAIL ANCHOR	SEE GENERAL NOTES			
SP3	S 15+131.670 TO 15+137.1														1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.  2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.
SP3	S 15+142.1 TO 15+149.5														
SP3	S 15+154.4 TO 15+172.9														
SP3	T 2+708.594 TO 2+734.952 (RT)		102	12											
SP4-5	CL 5+014.7 TO 5+058.5							44							
SP4-6	CR 10+017.9 TO 10+160							142							
SP4	N 0+300 TO 0+316.2 (RT)								16						
SP4	N 0+289.7 TO 0+306.7 (LT)								18						
SP4	N 0+329.63 TO 0+339.04														
SP4	N 0+327.3 TO 0+329.6														
SP4	N 0+325.605 TO 0+345.92		109												
SP4	NE4TH 10+000 TO 363.7														
SP4	BR 15+310.67 TO 15+331.54 (RT)														
SP5	CL 5+040 TO 5+140								60						
SP5	CL 5+140 TO 5+200 (LT)														
SP6	BAS 100+538 TO 100+580								84						
SP6-9	BAN 100+527.3 TO 100+961							434							
SP6	CDR 25+445 TO 25+585.7						802						1,2		
SP6	CDR 25+460 TO 25+585														
SP6	CL 5+200 TO 5+240								50						
SP6	CR 10+133.5 TO 10+168							35							
SP6	DL 1+018.7 TO 1+052.7								34						
SP6-8	DL 1+018.7 TO 1+220														
SP6-8	DL 1+018.7 TO 1+253														
SP6-8	DR 1+000 TO 1+157.5														
SP7	P 10+240 TO 10+290 (LT, RT)		366	100			638								
SP7	P 10+228 TO 10+278				50										
SP7	P 10+240 TO 10+279.1														
SP7	P 10+007.0 TO P 10+010.0														
<b>SHEET TOTAL</b>			577	112	50		1440	655	262						

FOR "AS CONSTRUCTED PLANS" ONLY



DESIGNED BY	MH	12/09/02		REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	MJB	12/09/02							
CHECKED BY	GW	12/09/02							
PROJ. ENGR.	D. CIERI	12/09/02							
REGION ADM.	D. DYE	12/09/02	04/23/03						
		DATE	DATE	REVISION	BY				
				REVISED QUANTITIES	RGD				
						JOB NUMBER	02A012		
						CONTRACT NO.			

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. NE 6th ST.	QSP 4
QUANTITY TABULATION - SITE PREPARATION	SHEET 70 OF 1152 SHEETS



# QUANTITY TABULATION - SITE PREPARATION

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.			REMOVING PAINT LINE	REMOVING PLASTIC LINE		REMOVING PLASTIC TRAFFIC MARKING	REMOVING PLASTIC CROSSWALK LINE	REMOVING RAISED PAVEMENT MARKER	REMOVING TRAFFIC CURB	REMOVING CHAIN LINK FENCE	CLEARING AND GRUBBING	REMOVE MISC TRAFFIC ITEM	REMOVING HANDRAIL	REMOVE EXISTING RETAINING WALL A	REMOVE EXISTING RETAINING WALL B	REMOVE EXISTING RETAINING WALL C	SEE GENERAL NOTES	GENERAL NOTES:	
CODE	LOCATION \ UNIT OF MEASURE >		#	#		EACH	m2	HUND	#	#	ha	L.S.	#	L.S.	L.S.	L.S.			
SP3	S 15+131.670 TO 15+137.1																	1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.  2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.	
SP3	S 15+142.1 TO 15+149.5																		
SP3	S 15+154.4 TO 15+172.9																		
SP4-5	CL 5+014.7 TO 5+058.5																		
SP4-6	CR 10+017.9 TO 10+160																		
SP4	N 0+300 TO 0+316.2 (RT)																		
SP4	N 0+289.7 TO 0+306.7 (LT)																		
SP4	N 0+329.63 TO 0+339.04																		
SP4	N 0+327.3 TO 0+329.6											0.06							
SP4	N 0+325.605 TO 0+345.92																		
SP4	NE4TH 10+000 TO 363.7		364			8													
SP4	BR 15+310.67 TO 15+331.54 (RT)										0.011								
SP5	CL 5+040 TO 5+140																		
SP5	CL 5+140 TO 5+200 (LT)																		
SP6	BAS 100+538 TO 100+580											0.47							
SP6-9	BAN 100+527.3 TO 100+961																		
SP6	CDR 25+445 TO 25+585.7							0.7											1,2
SP6	CDR 25+460 TO 25+585										0.06								
SP6	CL 5+200 TO 5+240																		
SP6	CR 10+133.5 TO 10+168																		
SP6	DL 1+018.7 TO 1+052.7																		
SP6-8	DL 1+018.7 TO 1+220									201									
SP6-8	DL 1+018.7 TO 1+253										0.2								
SP6-8	DR 1+000 TO 1+157.5										0.15								
SP7	P 10+240 TO 10+290 (LT, RT)																		
SP7	P 10+228 TO 10+278																		
SP7	P 10+240 TO 10+279.1																		
SP7	P 10+007.0 TO P 10+010.0						15												
<b>SHEET TOTAL</b>			364			8	15	0.7		201	0.421	0.53							

FOR "AS CONSTRUCTED PLANS" ONLY



DESIGNED BY	MH	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	MJB	12/09/02			10	WASH	
CHECKED BY	GW	12/09/02			JOB NUMBER 02A012		
PROJ. ENGR.	D. CIERI	12/09/02			CONTRACT NO.		
REGION ADM.	D. DYE	12/09/02					
		DATE	DATE	REVISION		BY	

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. NE 6th ST.

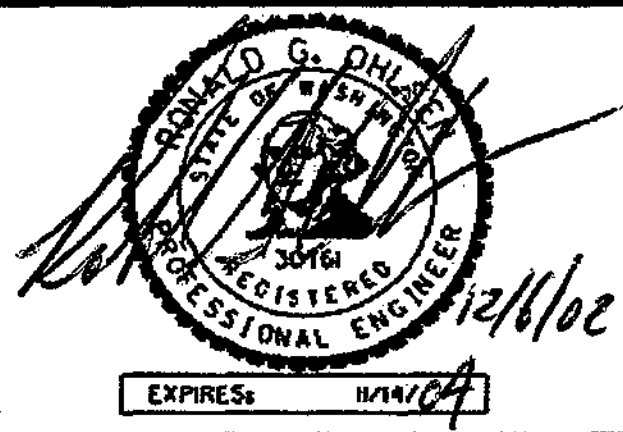

QUANTITY TABULATION - SITE PREPARATION

QSP 5  
SHEET  
71  
OF  
1152  
SHEETS

# QUANTITY TABULATION - SITE PREPARATION

CODE	LOCATION \ UNIT OF MEASURE >	REMOVE EXISTING RETAINING WALL D	REMOVE EXISTING RETAINING WALL E	REMOVE EXISTING RETAINING WALL F	REMOVE EXISTING RETAINING WALL G	REMOVE EXISTING RETAINING WALL H	REMOVE PORTION OF EXISTING RETAINING WALL I	REMOVE PORTION OF EXISTING RETAINING WALL J										SEE GENERAL NOTES	GENERAL NOTES:
<p>NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.</p> <p>THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.</p>																			
SP3	S 15+131.670 TO 15+137.1			1															<p>1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.</p> <p>2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.</p>
SP3	S 15+142.1 TO 15+149.5				1														
SP3	S 15+154.4 TO 15+172.9					1													
SP4-5	CL 5+014.7 TO 5+058.5																		
SP4-6	CR 10+017.9 TO 10+160																		
SP4	N 0+300 TO 0+316.2 (RT)																		
SP4	N 0+289.7 TO 0+306.7 (LT)																		
SP4	N 0+329.63 TO 0+339.04																		
SP4	N 0+327.3 TO 0+329.6																		
SP4	N 0+325.605 TO 0+345.92																		
SP4	NE4TH 10+000 TO 363.7																		
SP4	BR 15+310.67 TO 15+331.54 (RT)																		
SP5	CL 5+040 TO 5+140	1																	
SP5	CL 5+140 TO 5+200 (LT)																		
SP6	BAS 100+538 TO 100+580																		
SP6-9	BAN 100+527.3 TO 100+961																		
SP6	CDR 25+445 TO 25+585.7																	1,2	
SP6	CDR 25+460 TO 25+585																		
SP6	CL 5+200 TO 5+240																		
SP6	CR 10+133.5 TO 10+168																		
SP6	DL 1+018.7 TO 1+052.7																		
SP6-8	DL 1+018.7 TO 1+220																		
SP6-8	DL 1+018.7 TO 1+253																		
SP6-8	DR 1+000 TO 1+157.5																		
SP7	P 10+240 TO 10+290 (LT, RT)																		
SP7	P 10+228 TO 10+278																		
SP7	P 10+240 TO 10+279.1							1											
SP7	P 10+007.0 TO P 10+010.0																		
<b>SHEET TOTAL</b>		1		1	1	1		1											

FOR "AS CONSTRUCTED  
PLANS" ONLY

DESIGNED BY	MH	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			1405 BELLEVUE DIRECT ACCESS NE 4th ST. NE 6th ST.	QSP 6  SHEET 72 OF 1152 SHEETS
ENTERED BY	MJB	12/09/02			10	WASH					
CHECKED BY	GW	12/09/02			JOB NUMBER 02A012						
PROJ. ENGR.	D. CIERI	12/09/02			CONTRACT NO.						
REGION ADM.	D. DYE	12/09/02								QUANTITY TABULATION - SITE PREPARATION	
		DATE	DATE	REVISION		BY					



# QUANTITY TABULATION - SITE PREPARATION

NOTE:  
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION \ UNIT OF MEASURE	REMOVING CEMENT PAVEMENT	REMOVING CEMENT SIDEWALK	REMOVING CEMENT CURB AND GUTTER	REMOVING CEMENT CURB	PLANING BITUMINOUS PAVEMENT	REMOVING ASPHALT CONC. PAVEMENT	REMOVING PRECAST CONC. BARRIER	REMOVING CAST-IN-PLACE CONC. BARRIER	REMOVING GUARDRAIL	REMOVING GUARDRAIL ANCHOR	SEE GENERAL NOTES	GENERAL NOTES
SP7	P 10+010.0 TO P 10+040.0 (LT)											1	1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.  2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.
SP7	P 10+010.0 TO P 10+050.0 (RT)											1	
SP7	P 10+010.0 TO P 10+155.0 (RT)											1	
SP7	P 10+010 TO P 10+170												
SP7	P 10+010 TO P 10+185											2	
SP7	P 10+157.2 TO (RT) TO T 2+960.2 (LT)		323	54									
SP7	P 10+185.0 TO P 10+189.0												
SP7	P 10+157.2 (RT) TO P 10+168.8 (RT)						30						
SP7	DRV 10+013.3 TO 10+043.5												
SP7	BKL 10+000 TO 10+074												
SP7	SW 10+000 TO 10+020				20		50						
SP7	T 2+931.4 TO 2+959.4 AND P 10+229 TO 10+232												
SP7	T 2+959.39 TO P 10+229.12												
SP8-10	BAS 100+639 TO 100+101+171								532				
SP8	CDR 25+621.9 TO 25+722.6												
SP8	CDL2 1+700 TO 1+766.4												
SP8	DL 1+220 TO 1+251.72							32					
SP8	DR 1+052.9 TO 1+116.8									68			
SP8	DR 1+142.9 TO 1+162.9									20			
SP8	ER 1+100.0 TO 1+171.8									60	1		
SP8	ER 1+134.0 TO 1+165.2									35	1		
SP8	ER 1+132.3 TO 1+212.8												
SP8	EL 0+985 TO 1+180												
SP9	BAR 25+589.57 TO 25+634.05											45	
SP9-10	CDL2 2+062.0 TO 2+099.1 (LT)											16	
SP9	CDL2 1+941 TO 2+031											37	
SP9	GR 1+136.1 TO 1+185.5									50	1		
<b>SHEET TOTAL</b>			323	54	20		80	32	630	233	3		

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	MH	12/09/02		REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	MJB	12/09/02		JOB NUMBER	02A012				
CHECKED BY	GW	12/09/02		CONTRACT NO.					
PROJ. ENGR.	D. CIERI	12/09/02							
REGION ADM.	D. DYE	12/09/02							
		DATE	DATE	REVISION		BY			



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. NE 6th ST.

QSP 7  
SHEET  
73  
OF  
1152  
SHEETS

QUANTITY TABULATION - SITE PREPARATION

# QUANTITY TABULATION - SITE PREPARATION

NOTE:  
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

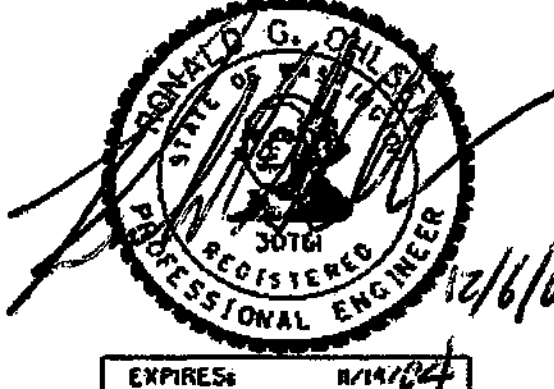

GENERAL NOTES:

CODE	LOCATION \ UNIT OF MEASURE	REMOVING PAINT LINE	REMOVING PLASTIC LINE	REMOVING PLASTIC TRAFFIC MARKING	REMOVING PLASTIC CROSSWALK LINE	REMOVING RAISED PAVEMENT MARKER	REMOVING TRAFFIC CURB	REMOVING CHAIN LINK FENCE	CLEARING AND GRUBBING	REMOVE MISC TRAFFIC ITEM	REMOVING HANDRAIL	REMOVE EXISTING RETAINING WALL A	REMOVE EXISTING RETAINING WALL B	REMOVE EXISTING RETAINING WALL C	SEE GENERAL NOTES
		m	m	EACH	m2	HUND	m	m	ha	L.S.	m	L.S.	L.S.	L.S.	
SP7	P 10+010.0 TO P 10+040.0 (LT)	160					30								1
SP7	P 10+010.0 TO P 10+050.0 (RT)	50													1
SP7	P 10+010.0 TO P 10+155.0 (RT)	150													1
SP7	P 10+010 TO P10+170			10											
SP7	P 10+010 TO P 10+185					7.2									2
SP7	P 10+157.2 TO (RT) TO T 2+960.2 (LT)				14										
SP7	P 10+185.0 TO P 10+189.0														
SP7	P 10+157.2 (RT) TO P 10+168.8 (RT)														
SP7	DRV 10+013.3 TO 10+043.5								0.017						
SP7	BKL 10+000 TO 10+074								0.036						
SP7	SW 10+000 TO 10+020								0.007						
SP7	T 2+931.4 TO 2+959.4 AND P 10+229 TO 10+232										14.2				
SP7	T 2+959.39 TO P 10+229.12														
SP8-10	BAS 100+639 TO 100+101+171									0.47					
SP8	CDR 25+621.9 TO 25+722.6								0.138						
SP8	CDL2 1+700 TO 1+766.4								0.158						
SP8	DL 1+220 TO 1+251.72														
SP8	DR 1+052.9 TO 1+116.8														
SP8	DR 1+142.9 TO 1+162.9														
SP8	ER 1+100.0 TO 1+171.8														
SP8	ER 1+134.0 TO 1+165.2								0.054						
SP8	ER 1+132.3 TO 1+212.8														
SP8	EL 0+985 TO 1+180								0.263						
SP9	BAR 25+589.57 TO 25+634.05														
SP9-10	CDL2 2+062.0 TO 2+099.1 (LT)														
SP9	CDL2 1+941 TO 2+031								0.225						
SP9	GR 1+136.1 TO 1+185.5														
<b>SHEET TOTAL</b>		360		10	14	7.2	30		0.898	0.47	14.2				

1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.

2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	MH	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			1405	BELLEVUE DIRECT ACCESS NE 4th ST. NE 6th ST.	QSP 8		
ENTERED BY	MJB	12/09/02			10	WASH								SHEET
CHECKED BY	GW	12/09/02												74
PROJ. ENGR.	D. CIERI	12/09/02												OF
REGION ADM.	D. DYE	12/09/02									1152			
		DATE	DATE	REVISION	BY	JOB NUMBER	CONTRACT NO.				SHEETS			

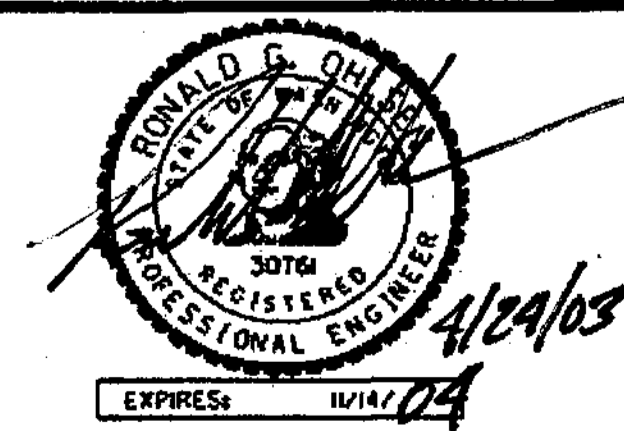




# QUANTITY TABULATION - SITE PREPARATION

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.															GENERAL NOTES:
CODE	LOCATION \ UNIT OF MEASURE >	REMOVING CEMENT CONC. PAVEMENT	REMOVING CEMENT CONC. SIDEWALK	REMOVING CEMENT CONC. CURB AND GUTTER	REMOVING CEMENT CONC. CURB	PLANING BITUMINOUS PAVEMENT	REMOVING ASPHALT CONC. PAVEMENT	REMOVING PRECAST CONC. BARRIER	REMOVING CAST-IN-PLACE CONC. BARRIER	REMOVING GUARDRAIL	REMOVING GUARDRAIL ANCHOR	SEE GENERAL NOTES			
SP9	GR 1+085 TO 1+115						386								1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.  2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.
SP9	CDR 25+900 TO 25+971.2														
SP9	FL 3+100 TO 3+268.4 TO														
SP9	FR 1+039 TO 1+081.3									58	1				
SP9	FR 0+990 TO 1+150														
SP9	GL 1+050.3 TO 1+230.3							180							
SP9	GL 1+100 TO 1+230.3														
SP10	BAN 101+079.6 TO 101+179.6									100	1				
SP10	BAN 101+179.6 TO 205.8							26							
SP10-11	BAN 101+205.8 TO 249.6									45	1				
SP10	CDR 26+045.3 TO 26+086.4									41					
SP11	BAS 101+230 TO 101+253.04					292									
SP15	T 3+093 TO T 3+175													2	
SP15	T 3+122 (18.0 RT) TO T 3+170 (18.0 RT)														
SP15	T 3+122 TO 3+176														
SP15	T 3+122.5 (RT) TO DL 1+267.0 (LT)		242	74			50								
SP15	T 3+122.5 (RT) TO T 3+405.5 (RT)														
SP15	T 3+175.0 TO 3+179.0													2	
SP15	T 3+218 TO T 3+271														
SP15	T 3+215.0 TO T 3+218.0													2	
SP15	T 3+217 TO T 3+405														
SP15	T 3+200 TO T 3+219														
SP15	T 3+224 (9.0 RT) TO T 3+315 (59.0 RT)														
SP15	T 3+225.8 TO 3+297.7 (RT)														
SP15	GL 1+009.3 (LT) TO T 3+421.1 (RT)		421	219			310								
PK1-2	INDIVIDUAL PROPERTIES				81									1	
<b>SHEET TOTAL</b>			663	293	81		292	746	206		244	3			
<b>PROJECT TOTAL</b>		2775	1563	459	151		509	5419	1417	2253	477	6			

FOR "AS CONSTRUCTION PLANS" ONLY



I 405 BELLEVUE DIRECT ACCESS NE 4th ST. NE 6th ST.	QSP 10 SHEET 76 OF 1152 SHEETS
QUANTITY TABULATION - SITE PREPARATION	

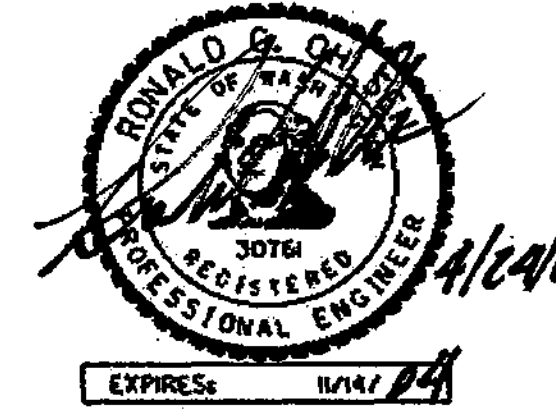



# QUANTITY TABULATION - SITE PREPARATION

CODE	LOCATION \ UNIT OF MEASURE >	REMOVING PAINT LINE	REMOVING PLASTIC LINE	REMOVING PLASTIC TRAFFIC MARKING	REMOVING PLASTIC CROSSWALK LINE	REMOVING RAISED PAVEMENT MARKER	REMOVING TRAFFIC CURB	REMOVING CHAIN LINK FENCE	CLEARING AND GRUBBING	REMOVE MISC TRAFFIC ITEM	REMOVING HANDRAIL	REMOVE EXISTING RETAINING WALL A	REMOVE EXISTING RETAINING WALL B	REMOVE EXISTING RETAINING WALL C	SEE GENERAL NOTES	GENERAL NOTES:	
NOTE:	THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.															1. ADDITIONAL QUANTITIES FOR REMOVING PAINT LINE CAN BE FOUND ON SHEETS QTC1-QTC4.  2. ADDITIONAL QUANTITIES FOR REMOVING RAISED PAVEMENT MARKER CAN BE FOUND ON SHEETS QTC1-QTC4.	
NOTE:	THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.																
SP9	GR 1+085 TO 1+115																
SP9	CDR 25+900 TO 25+971.2								0.087								
SP9	FL 3+100 TO 3+268.4 TO								0.119								
SP9	FR 1+039 TO 1+081.3																
SP9	FR 0+990 TO 1+150								0.231								
SP9	GL 1+050.3 TO 1+230.3																
SP9	GL 1+100 TO 1+230.3								0.08								
SP10	BAN 101+079.6 TO 101+179.6																
SP10	BAN 101+179.6 TO 205.8																
SP10-11	BAN 101+205.8 TO 249.6																
SP10	CDR 26+045.3 TO 26+086.4																
SP11	BAS 101+230 TO 101+253.04																
SP15	T 3+093 TO T 3+175					3.1											2
SP15	T 3+122 (18.0 RT) TO T 3+170 (18.0 RT)							48									
SP15	T 3+122 TO 3+176			4													
SP15	T 3+122.5 (RT) TO DL 1+267.0 (LT)																
SP15	T 3+122.5 (RT) TO T 3+405.5 (RT)								0.1								
SP15	T 3+175.0 TO 3+179.0				16												
SP15	T 3+218 TO T 3+271					0.8										2	
SP15	T 3+215.0 TO T 3+218.0				13												
SP15	T 3+217 TO T 3+405					7										2	
SP15	T 3+200 TO T 3+219			2													
SP15	T 3+224 (9.0 RT) TO T 3+315 (59.0 RT)							70	105								
SP15	T 3+225.8 TO 3+297.7 (RT)																
SP15	GL 1+009.3 (LT) TO T 3+421.1 (RT)																
PK1-2	INDIVIDUAL PROPERTIES	75								0.024						1	
<b>SHEET TOTAL</b>		75		6	29	10.9	70	153	0.064								
<b>PROJECT TOTAL</b>		5723	2554	24	58	46.5	100	957	0.225	1	14.2	1	1	1			

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	MH	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.				
ENTERED BY	MJB	12/09/02			10	WASH					
CHECKED BY	GW	12/09/02			JOB NUMBER						
PROJ. ENGR.	D. CIERI	12/09/02	01/28/03	REVISOR	02A012						
REGION ADM.	D. DYE	12/09/02	03/28/03	REVISOR	CONTRACT NO.						
		DATE	DATE	REVISION							





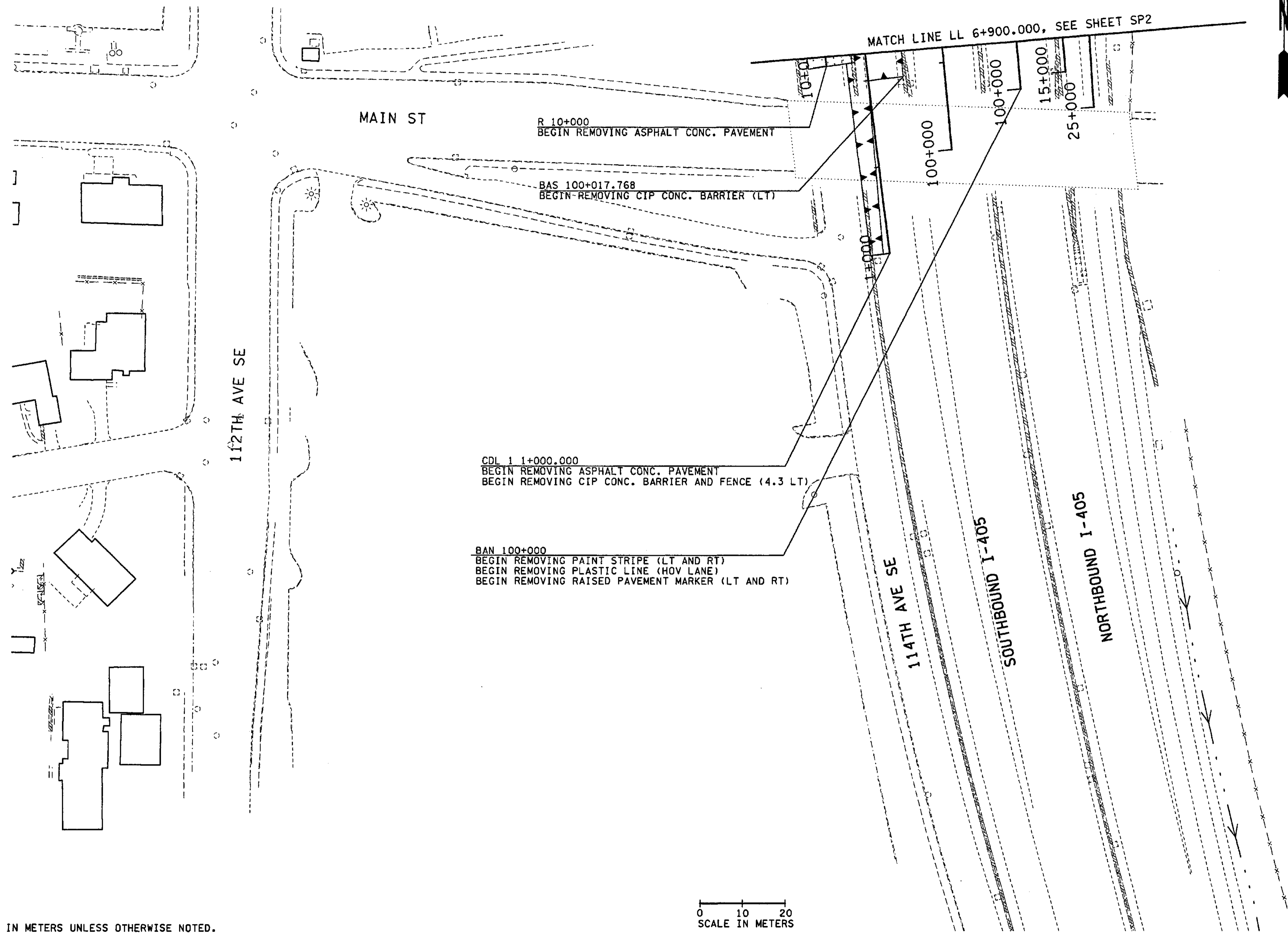
**I 405**  
**BELLEVUE DIRECT ACCESS**  
 NE 4th ST. NE 6th ST.

QSP 11

SHEET  
**77**  
 OF  
**1152**  
 SHEETS



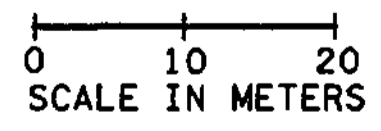




- NOTES:**
- FOR MODIFICATION TO PARKING LOTS ALONG 114TH, SEE PARKING LAYOUT PLANS PK1 AND PK2.
  - SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - - - EXISTING FENCE
  - /// EXISTING RETAINING WALL
  - ==== EXISTING CONC. BARRIER
  - //// LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - WETLAND AREA
  - ..... WETLAND/STREAM BUFFER LINE
  - LIMITS OF CLEARING AND GRUBBING
  - LIMITS OF PLANING BITUMINOUS PAVEMENT
  - PAID AS ROADWAY EXCAVATION, SEPARATELY INCL. HAUL
  - REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
  - REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
  - REMOVING CEMENT CONC. SIDEWALK
  - REMOVING CEMENT CONC. PAVEMENT
  - REMOVING ASPHALT CONC. SIDEWALK

FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

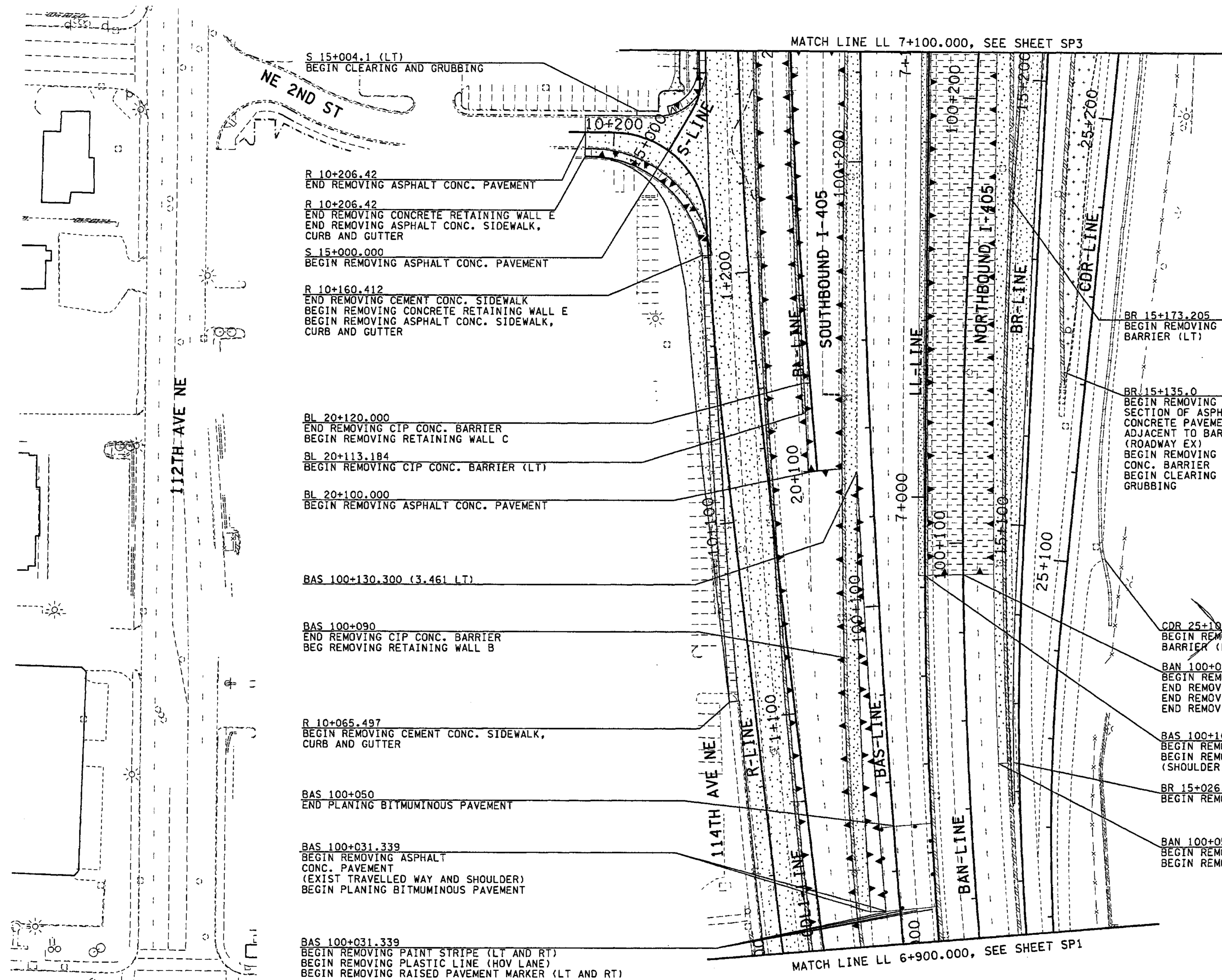
DESIGNED BY AS	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO SP1
ENTERED BY MJB	12/02			10	WASH					JOB NUMBER 02A012
CHECKED BY MH	12/02						CONTRACT NO.		SITE PREPARATION PLAN	
PROJ. ENGR. D. CIERI	12/02									
REGIONAL ADM. D. DYE	12/02									
	DATE	DATE	REVISION	BY						

C:\PWTEMP\dms00329\SP002\_C2.DGN

PLOT2

11/27/2002 01:05:36 PM

mbenson



**NOTES:**

- FOR MODIFICATION TO PARKING LOTS ALONG 114TH, SEE PARKING LAYOUT PLANS PK1 AND PK2.
- SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

**LEGEND:**

- EXISTING BEAM GUARDRAIL
- EXISTING FENCE
- EXISTING RETAINING WALL
- EXISTING CONC. BARRIER
- LIMITED ACCESS
- WSOOT RIGHT OF WAY
- WETLAND AREA
- WETLAND/STREAM BUFFER LINE
- LIMITS OF CLEARING AND GRUBBING
- LIMITS OF PLANING BITUMINOUS PAVEMENT
- REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
- REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
- REMOVING CEMENT CONC. SIDEWALK
- REMOVING CEMENT CONC. PAVEMENT
- REMOVING ASPHALT CONC. SIDEWALK

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY AS	12/02				
ENTERED BY MJB	12/02				
CHECKED BY MH	12/02				
PROJ. ENGR. D. CIERI	12/02				
REGIONAL ADM. D. DYE	12/02				
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

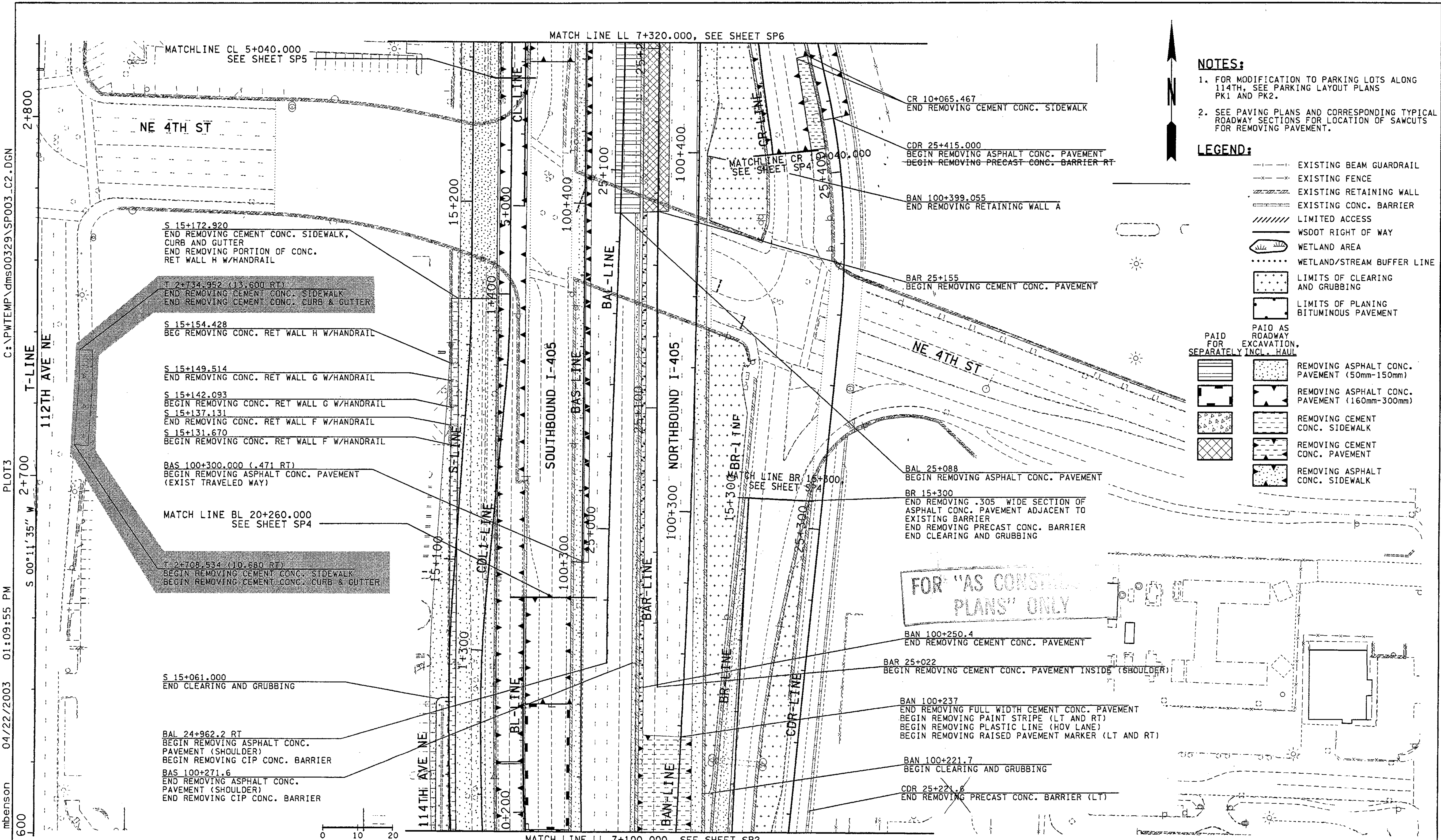
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

SITE PREPARATION PLAN

SHEET NO  
SP2

SHEET 80 OF 1152 SHEETS

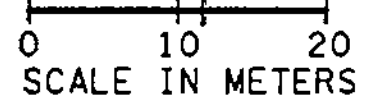




- NOTES:**
- FOR MODIFICATION TO PARKING LOTS ALONG 114TH, SEE PARKING LAYOUT PLANS PK1 AND PK2.
  - SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - EXISTING FENCE
  - EXISTING RETAINING WALL
  - EXISTING CONC. BARRIER
  - LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - WETLAND AREA
  - WETLAND/STREAM BUFFER LINE
  - LIMITS OF CLEARING AND GRUBBING
  - LIMITS OF PLANING BITUMINOUS PAVEMENT
  - PAID AS ROADWAY FOR EXCAVATION, SEPARATELY INCL. HAUL
  - REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
  - REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
  - REMOVING CEMENT CONC. SIDEWALK
  - REMOVING CEMENT CONC. PAVEMENT
  - REMOVING ASPHALT CONC. SIDEWALK

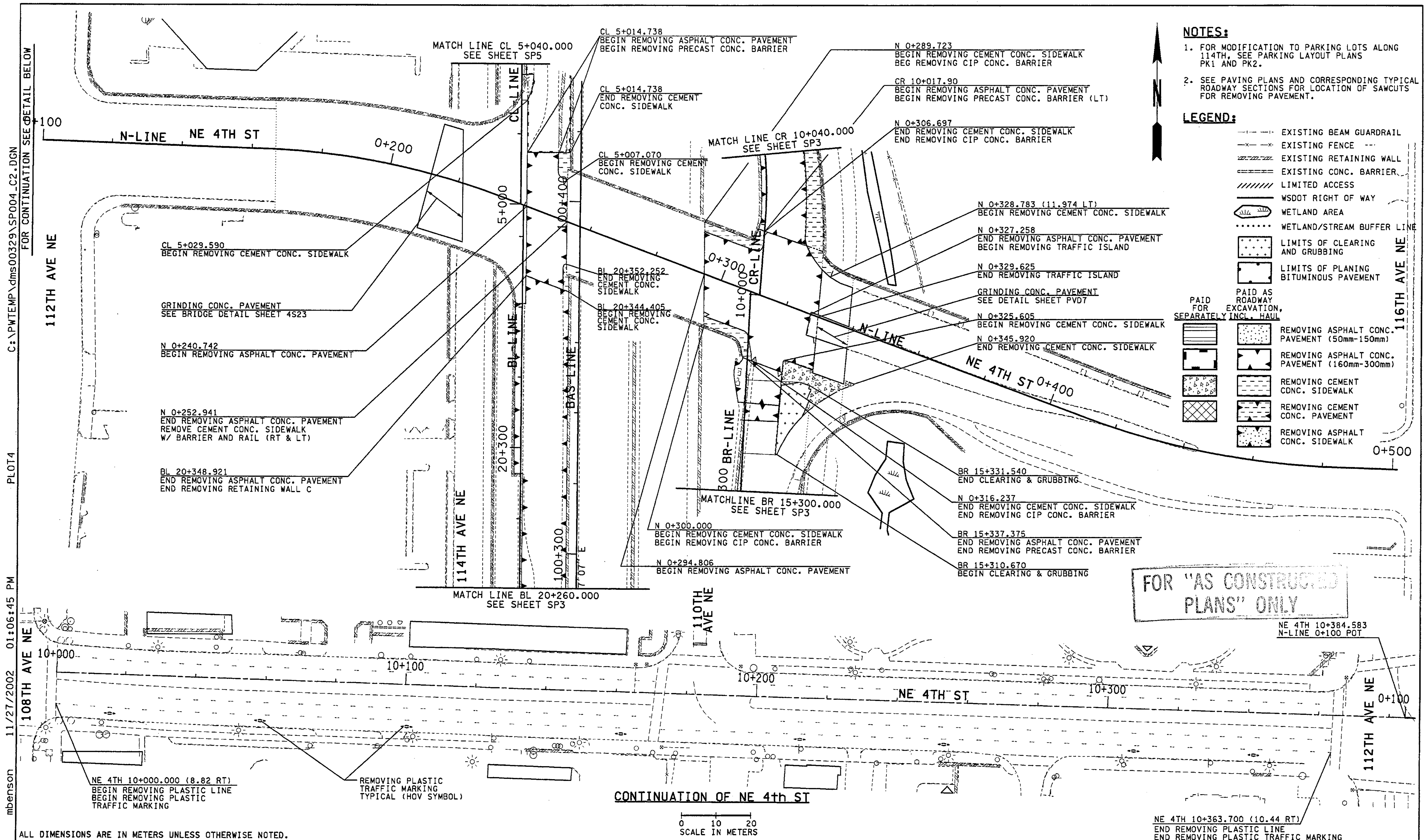
C:\P\TEMP\dms00329\SP003\_C2.DGN  
 PLOTS  
 112TH AVE NE  
 T-LINE  
 S 00°11'35" W 2+700  
 S 00°11'35" W 2+700  
 04/22/2003 01:09:55 PM  
 mbenson  
 600



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY AS 12/02		ENTERED BY MJB 12/02		CHECKED BY MH 12/02		PROJ. ENGR. D. CIERI 12/02		REGIONAL ADM. D. DYE 12/02		REGION NO. 10	STATE WASH	FED. AID PROJ. NO.					I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.		SHEET NO. SP3
DATE		DATE		REVISION		BY		JOB NUMBER 02A012		CONTRACT NO.				SITE PREPARATION PLAN		SHEET 81 OF 1152 SHEETS			





- NOTES:**
- FOR MODIFICATION TO PARKING LOTS ALONG 114TH, SEE PARKING LAYOUT PLANS PK1 AND PK2.
  - SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - EXISTING FENCE
  - EXISTING RETAINING WALL
  - EXISTING CONC. BARRIER
  - LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - WETLAND AREA
  - WETLAND/STREAM BUFFER LINE
  - LIMITS OF CLEARING AND GRUBBING
  - LIMITS OF PLANING BITUMINOUS PAVEMENT
  - PAID AS ROADWAY EXCAVATION, SEPARATELY INCL. HAUL
  - REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
  - REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
  - REMOVING CEMENT CONC. SIDEWALK
  - REMOVING CEMENT CONC. PAVEMENT
  - REMOVING ASPHALT CONC. SIDEWALK

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	REVISION	BY
AS	12/02		
ENTERED BY	MJB	12/02	
CHECKED BY	MH	12/02	
PROJ. ENGR.	D. CIERI	12/02	
REGIONAL ADM.	D. DYE	12/02	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/14/02

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

SITE PREPARATION PLAN

SHEET NO. SP4

82 OF 1152 SHEETS





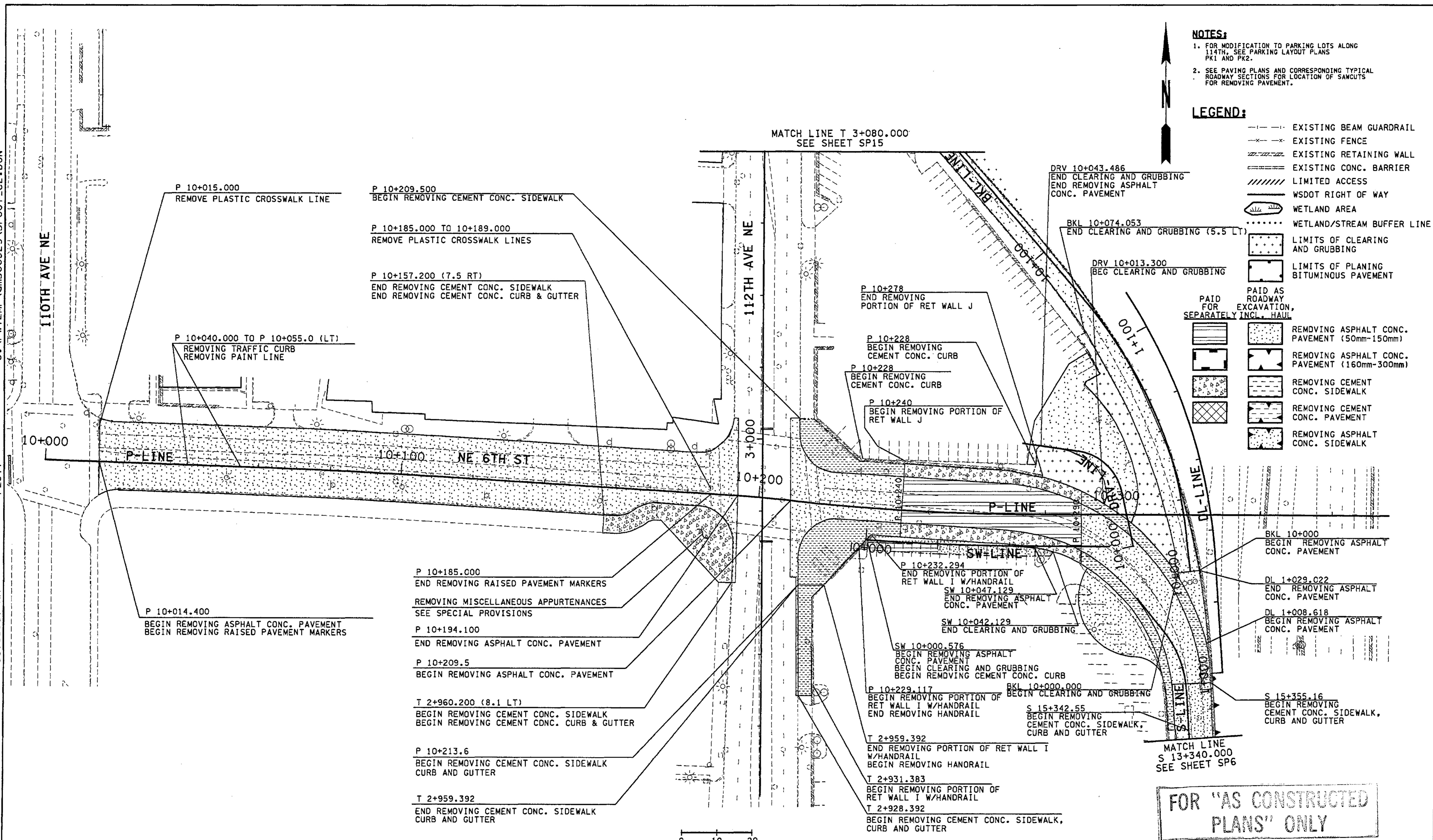




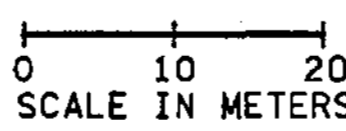
C:\PWTEMP\dms00329\SP007\_C2.DGN  
 12/02/2002 09:08:07 AM  
 mbenson

- NOTES:**
- FOR MODIFICATION TO PARKING LOTS ALONG 114TH, SEE PARKING LAYOUT PLANS PK1 AND PK2.
  - SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAMCUTS FOR REMOVING PAVEMENT.

- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - EXISTING FENCE
  - EXISTING RETAINING WALL
  - EXISTING CONC. BARRIER
  - LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - WETLAND AREA
  - WETLAND/STREAM BUFFER LINE
  - LIMITS OF CLEARING AND GRUBBING
  - LIMITS OF PLANING BITUMINOUS PAVEMENT
  - PAID AS ROADWAY EXCAVATION, SEPARATELY INCL. HAUL
  - REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
  - REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
  - REMOVING CEMENT CONC. SIDEWALK
  - REMOVING CEMENT CONC. PAVEMENT
  - REMOVING ASPHALT CONC. SIDEWALK



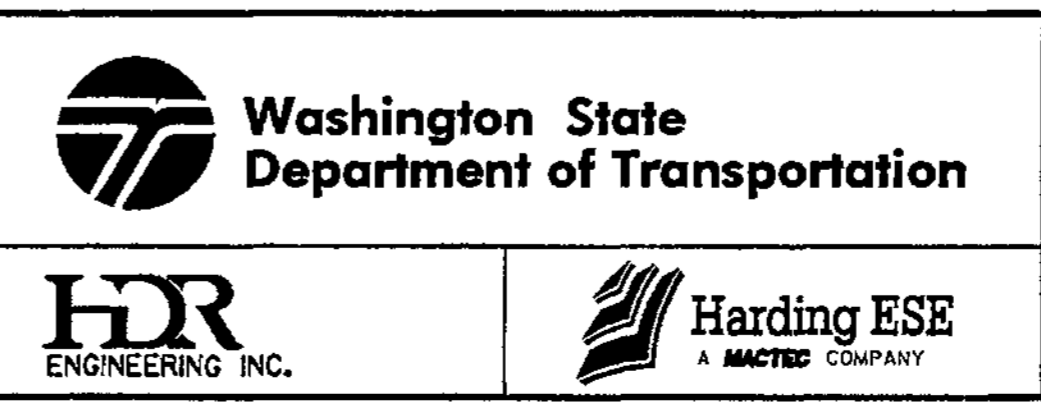
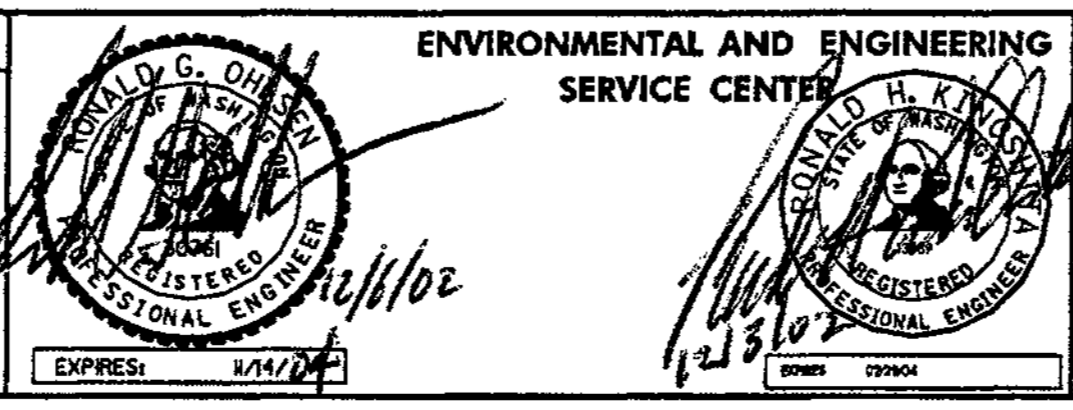
FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY AS	12/02	REGION NO.	STATE	FED.AID PROJ.NO.
ENTERED BY MJB	12/02	10	WASH	
CHECKED BY MH	12/02	JOB NUMBER		
PROJ. ENGR. D. CIERI	12/02	02A012		
REGIONAL ADM. D. DYE	12/02	CONTRACT NO.		
DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

SHEET NO. SP7

85  
 1152  
 SHEETS

SITE PREPARATION PLAN



C:\PWTEMP\dms00329\SP008\_C2.DGN

PLOTB

04:49:09 PM

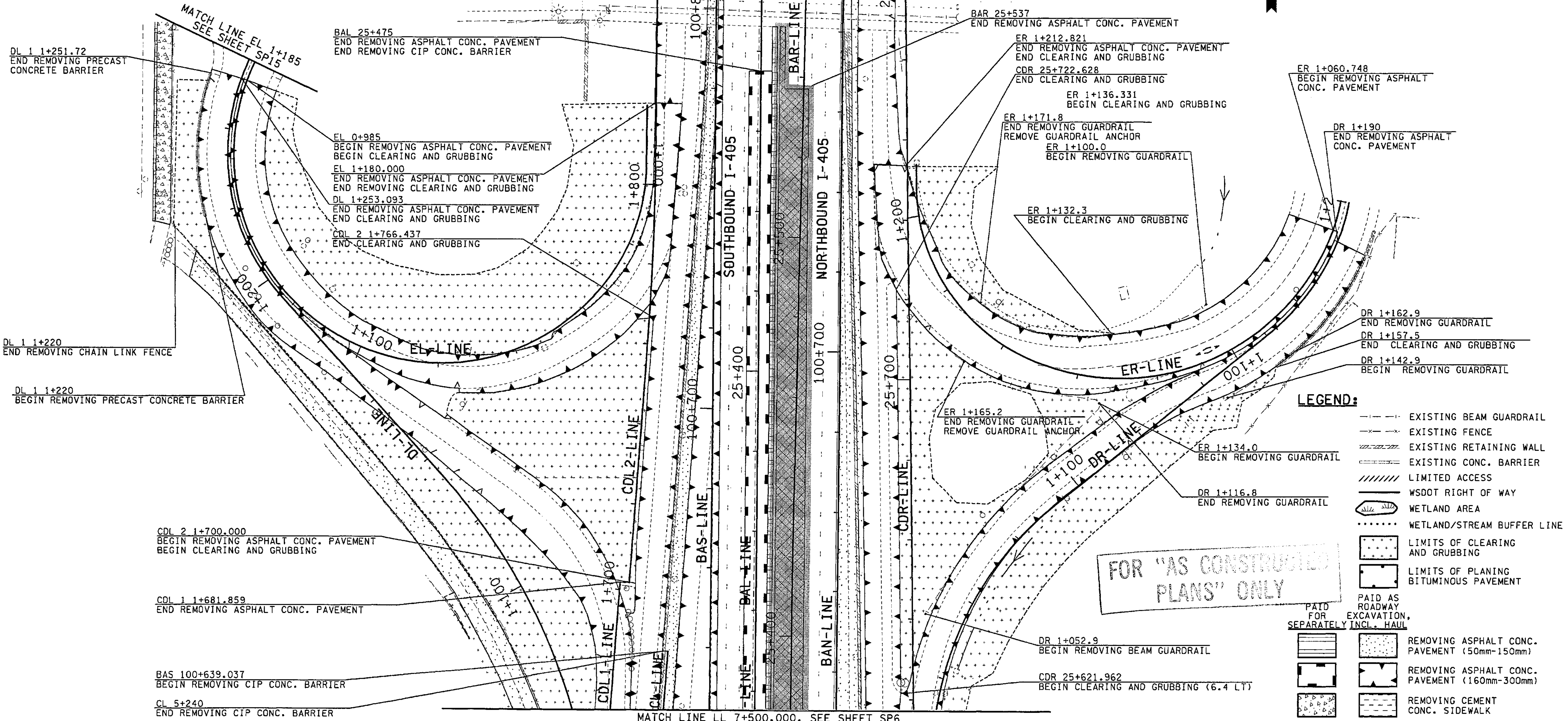
03/24/2003

Ikeller

MATCH LINE LL 7+700.000, SEE SHEET SP9



**NOTE:**  
 1. SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.



FOR "AS CONSTRUCTED PLANS" ONLY

- LEGEND:**
- - - - - EXISTING BEAM GUARDRAIL
  - - - - - EXISTING FENCE
  - ||||| EXISTING RETAINING WALL
  - ===== EXISTING CONC. BARRIER
  - ////// LIMITED ACCESS
  - ||||| WSDOT RIGHT OF WAY
  - WETLAND AREA
  - ..... WETLAND/STREAM BUFFER LINE
  - [Pattern] LIMITS OF CLEARING AND GRUBBING
  - [Pattern] LIMITS OF PLANING BITUMINOUS PAVEMENT
  - [Pattern] PAID AS ROADWAY FOR EXCAVATION, SEPARATELY INCL. HAUL
  - [Pattern] REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
  - [Pattern] REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
  - [Pattern] REMOVING CEMENT CONC. SIDEWALK
  - [Pattern] REMOVING CEMENT CONC. PAVEMENT
  - [Pattern] REMOVING ASPHALT CONC. SIDEWALK

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

0 10 20 SCALE IN METERS

DESIGNED BY AS	12/02			REGION NO. 10	STATE WASH	FED. AID PROJ. NO.
ENTERED BY MJB	12/02			JOB NUMBER 02A012		
CHECKED BY MH	12/02			CONTRACT NO.		
PROJ. ENGR. D. CIERI	12/02	3/28/03	REVISED CCS TO CCP	RGQ		
REGIONAL ADM. D. DYE	12/02			DATE	DATE	REVISION

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

SITE PREPARATION PLAN

SHEET NO. SP8

86 OF 1152 SHEETS



C:\P\TEMP\dms00329\SP009\_C2.DGN

PLOT9

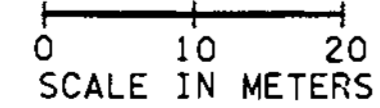
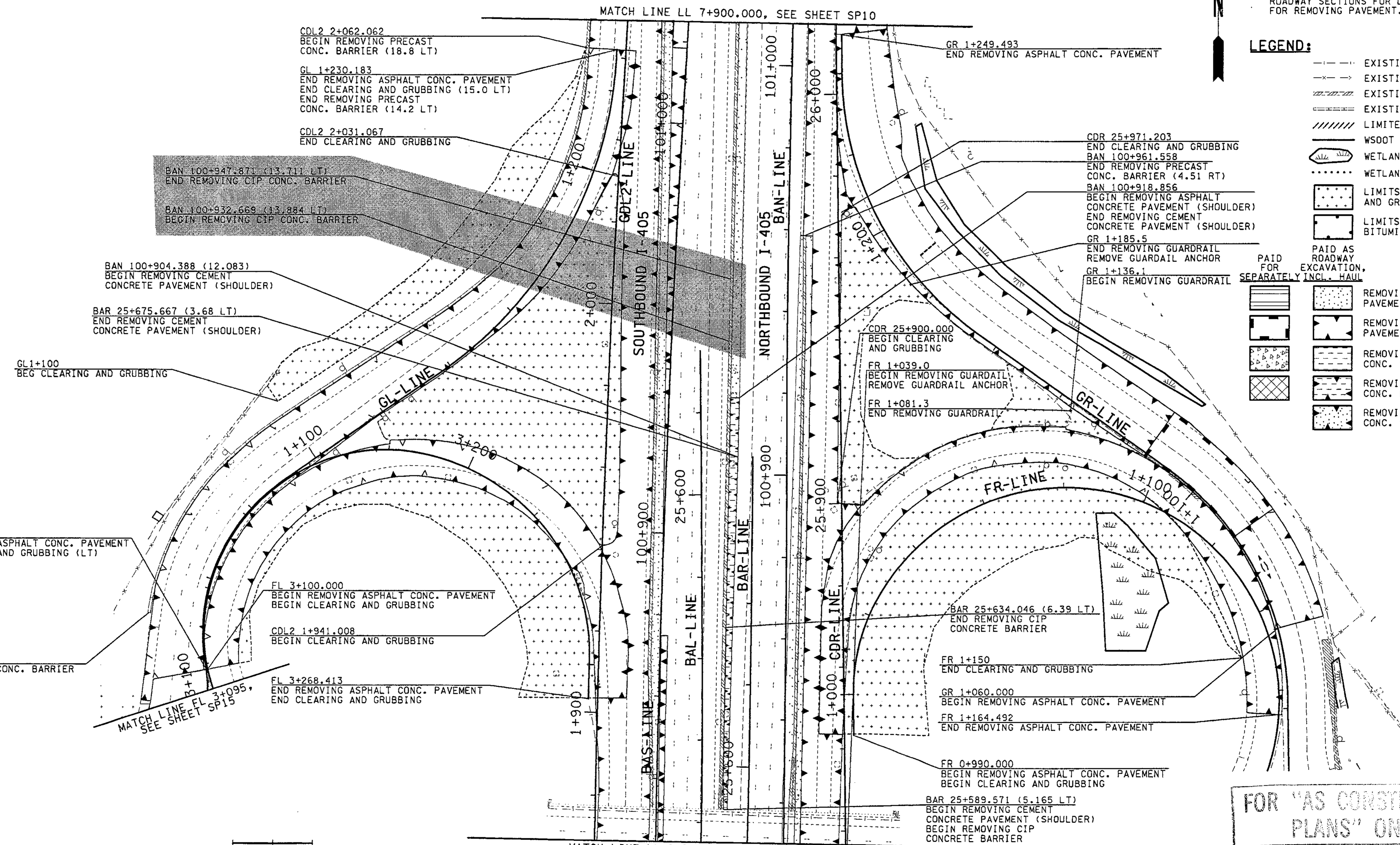
04/07/2003 11:38:46 AM

Ikeller



**NOTE:**  
 1. SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - - - EXISTING FENCE
  - EXISTING RETAINING WALL
  - EXISTING CONC. BARRIER
  - ////// LIMITED ACCESS
  - WSOOT RIGHT OF WAY
  - WETLAND AREA
  - WETLAND/STREAM BUFFER LINE
  - LIMITS OF CLEARING AND GRUBBING
  - LIMITS OF PLANING BITUMINOUS PAVEMENT
  - PAID FOR EXCAVATION, SEPARATELY INCL. HAUL
  - PAID AS ROADWAY
  - REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
  - REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
  - REMOVING CEMENT CONC. SIDEWALK
  - REMOVING CEMENT CONC. PAVEMENT
  - REMOVING ASPHALT CONC. SIDEWALK



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	AS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	MH	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02	4/11/03	ADDED BARRIER REMOVAL	RCC
	DATE	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

4/11/03

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

SITE PREPARATION PLAN

SHEET NO  
 SP9

SHEET 87 OF 1152 SHEETS





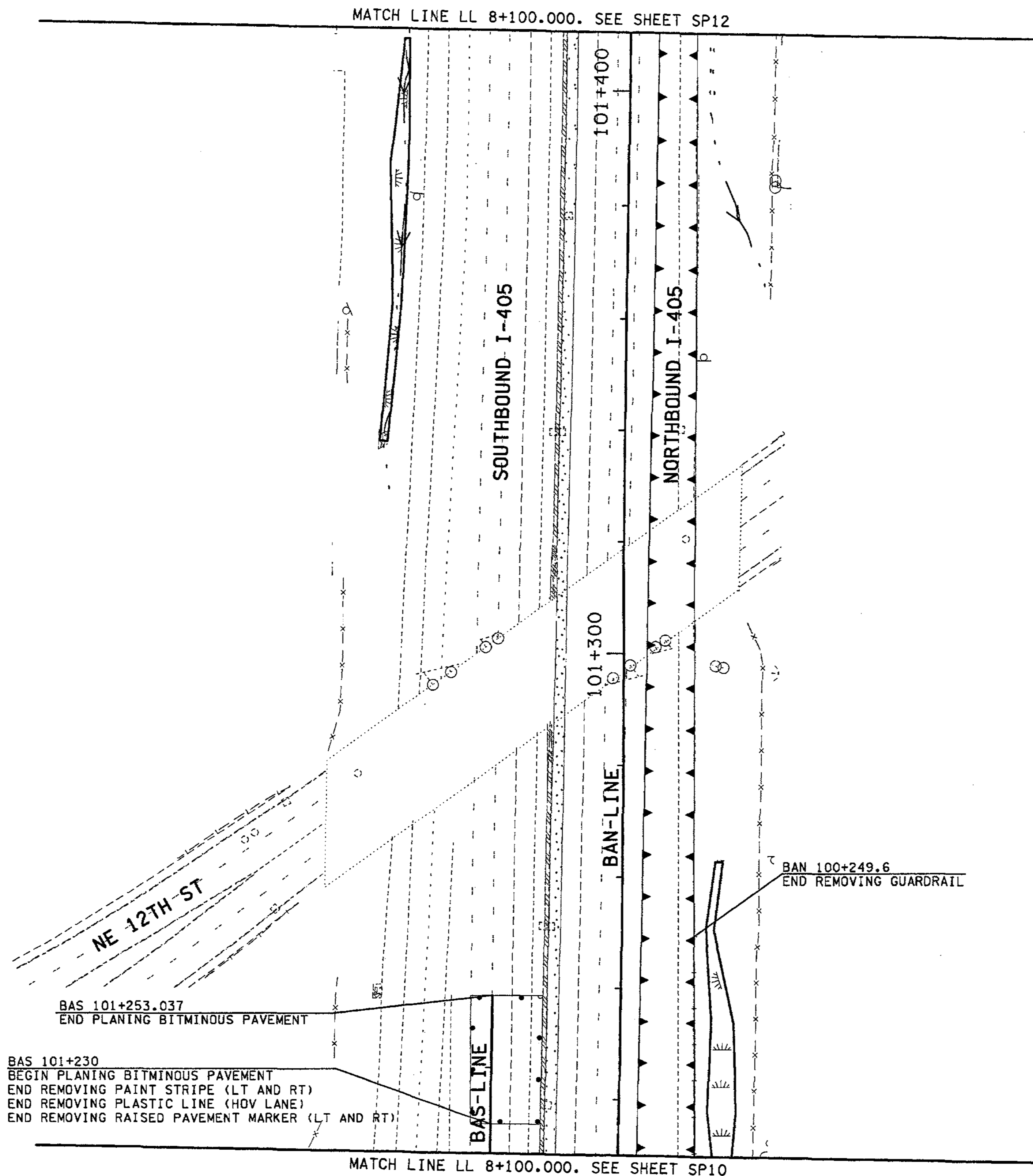


C:\PWTEMP\dms00329\SP011\_C2.DGN

PLOT11

11/27/2002 01:10:18 PM

mbenson



**NOTE:**

1. SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

**LEGEND:**

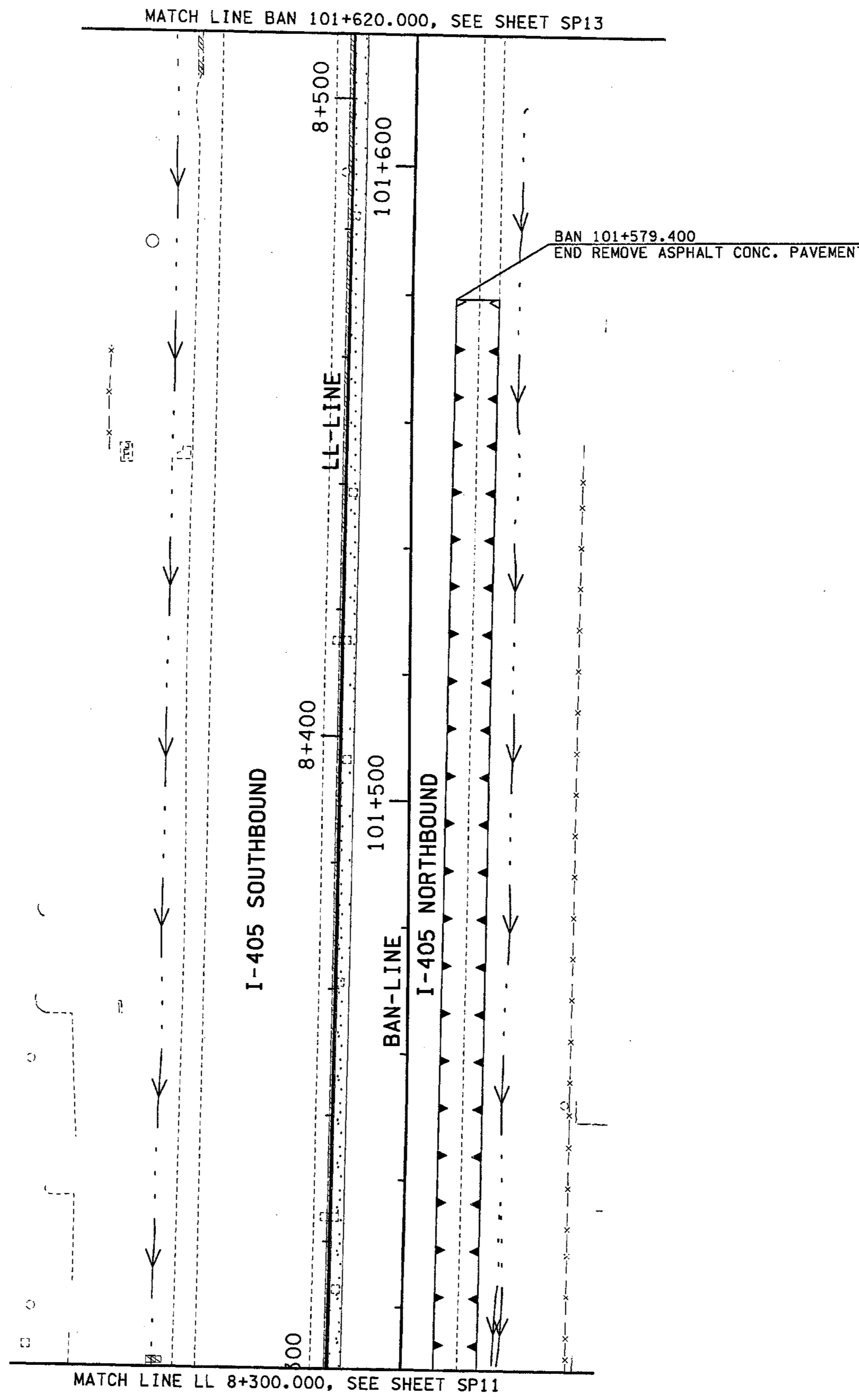
- EXISTING BEAM GUARDRAIL
- x-x- EXISTING FENCE
- /// EXISTING RETAINING WALL
- ==== EXISTING CONC. BARRIER
- //// LIMITED ACCESS
- ==== WSDOT RIGHT OF WAY
- WETLAND AREA
- ..... WETLAND/STREAM BUFFER LINE
- [Pattern] LIMITS OF CLEARING AND GRUBBING
- [Pattern] LIMITS OF PLANING BITUMINOUS PAVEMENT
- PAID AS ROADWAY EXCAVATION, SEPARATELY INCL. HAUL
- [Pattern] REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
- [Pattern] REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
- [Pattern] REMOVING CEMENT CONC. SIDEWALK
- [Pattern] REMOVING CEMENT CONC. PAVEMENT
- [Pattern] REMOVING ASPHALT CONC. SIDEWALK

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

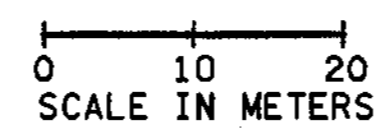
DESIGNED BY AS	12/02	REGION NO.	STATE	FED.AID PROJ.NO.		<b>ENVIRONMENTAL AND ENGINEERING SERVICE CENTER</b>		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. SP11
ENTERED BY MJB	12/02	10	WASH						
CHECKED BY MH	12/02	JOB NUMBER							
PROJ. ENGR. D. CIERI	12/02	02A012							
REGIONAL ADM. D. DYE	12/02	CONTRACT NO.							
	DATE	DATE	REVISION	BY					



**NOTE:**  
 1. SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

- LEGEND:**
- - - - - EXISTING BEAM GUARDRAIL
  - x - x - EXISTING FENCE
  - ////// EXISTING RETAINING WALL
  - ===== EXISTING CONC. BARRIER
  - ////// LIMITED ACCESS
  - ===== WSDOT RIGHT OF WAY
  - WETLAND AREA
  - ..... WETLAND/STREAM BUFFER LINE
  - [Dotted Box] LIMITS OF CLEARING AND GRUBBING
  - [Solid Box] LIMITS OF PLANING BITUMINOUS PAVEMENT
  - PAID AS ROADWAY EXCAVATION, SEPARATELY INCL. HAUL
  - [Horizontal Lines] REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
  - [Vertical Lines] REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
  - [Cross-hatch] REMOVING CEMENT CONC. SIDEWALK
  - [Diagonal Lines] REMOVING CEMENT CONC. PAVEMENT
  - [Stippled] REMOVING ASPHALT CONC. SIDEWALK

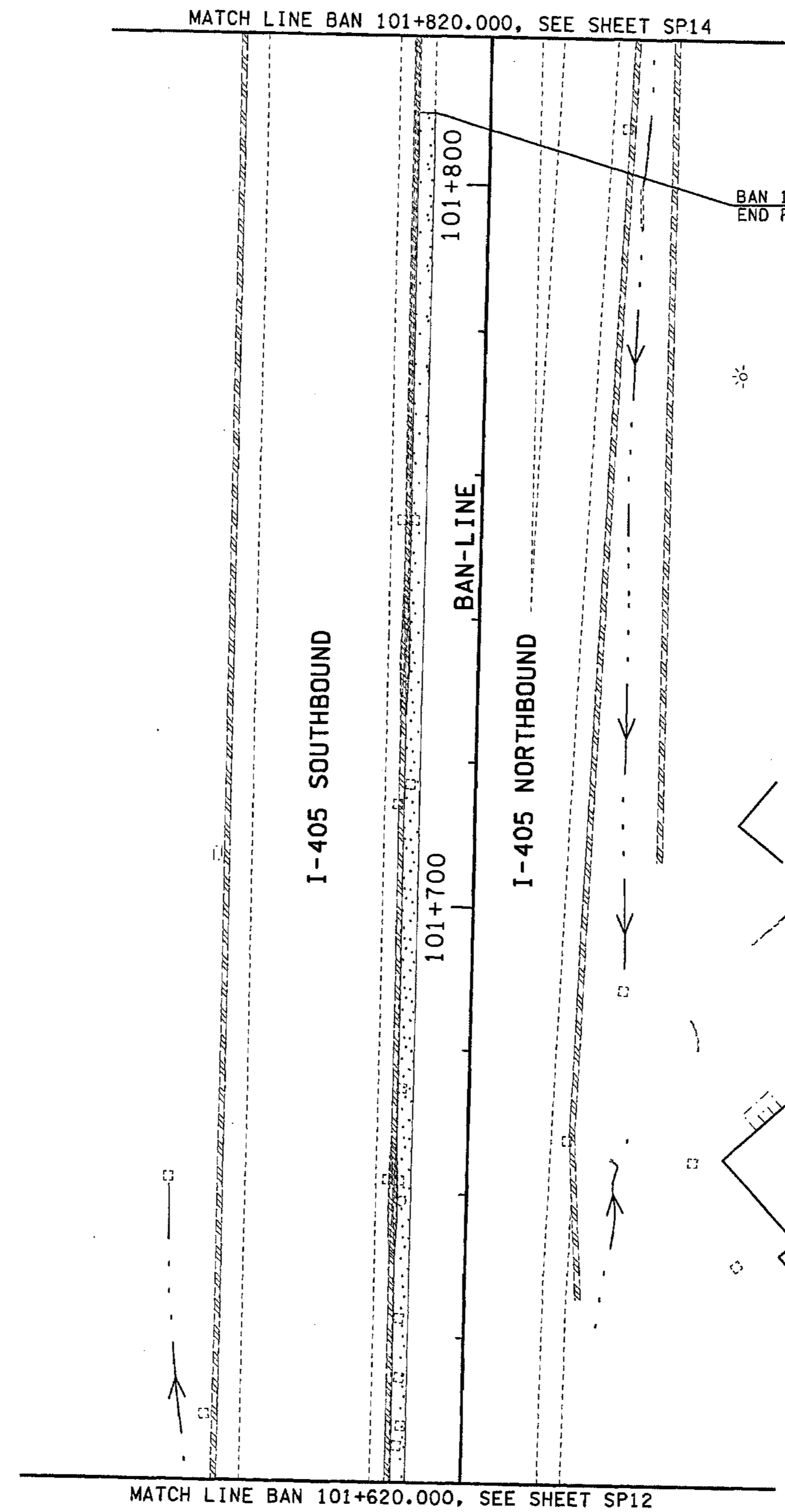
FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY AS	12/02	REGION NO. 10	STATE WASH	FED.AID PROJ.NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. SP12		
ENTERED BY MJB	12/02	JOB NUMBER 02A012							SITE PREPARATION PLAN	SHEET 90
CHECKED BY MH	12/02	CONTRACT NO.								1152
PROJ. ENGR. D. CIERI	12/02									
REGIONAL ADM. D. DYE	12/02									SHEETS
DATE	DATE	REVISION	BY							





**NOTE:**

1. SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

**LEGEND:**

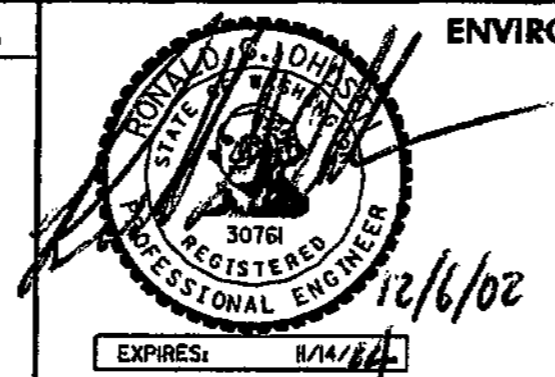
- EXISTING BEAM GUARDRAIL
- x-x- EXISTING FENCE
- ||||| EXISTING RETAINING WALL
- ==== EXISTING CONC. BARRIER
- ////// LIMITED ACCESS
- ===== WSDOT RIGHT OF WAY
- WETLAND AREA
- ..... WETLAND/STREAM BUFFER LINE
- [Pattern] LIMITS OF CLEARING AND GRUBBING
- [Pattern] LIMITS OF PLANING BITUMINOUS PAVEMENT
- PAID AS ROADWAY EXCAVATION, SEPARATELY INCL. HAUL
- [Pattern] REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
- [Pattern] REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
- [Pattern] REMOVING CEMENT CONC. SIDEWALK
- [Pattern] REMOVING CEMENT CONC. PAVEMENT
- [Pattern] REMOVING ASPHALT CONC. SIDEWALK

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

0 10 20  
SCALE IN METERS

DESIGNED BY AS	12/02			REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
ENTERED BY MJB	12/02			JOB NUMBER 02A012		
CHECKED BY MH	12/02			CONTRACT NO.		
PROJ. ENGR. D. CIERI	12/02					
REGIONAL ADM. D. DYE	12/02					
	DATE	DATE	REVISION	BY		



ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

SITE PREPARATION PLAN

SHEET NO. SP13  
SHEET 91 OF 112 SHEETS

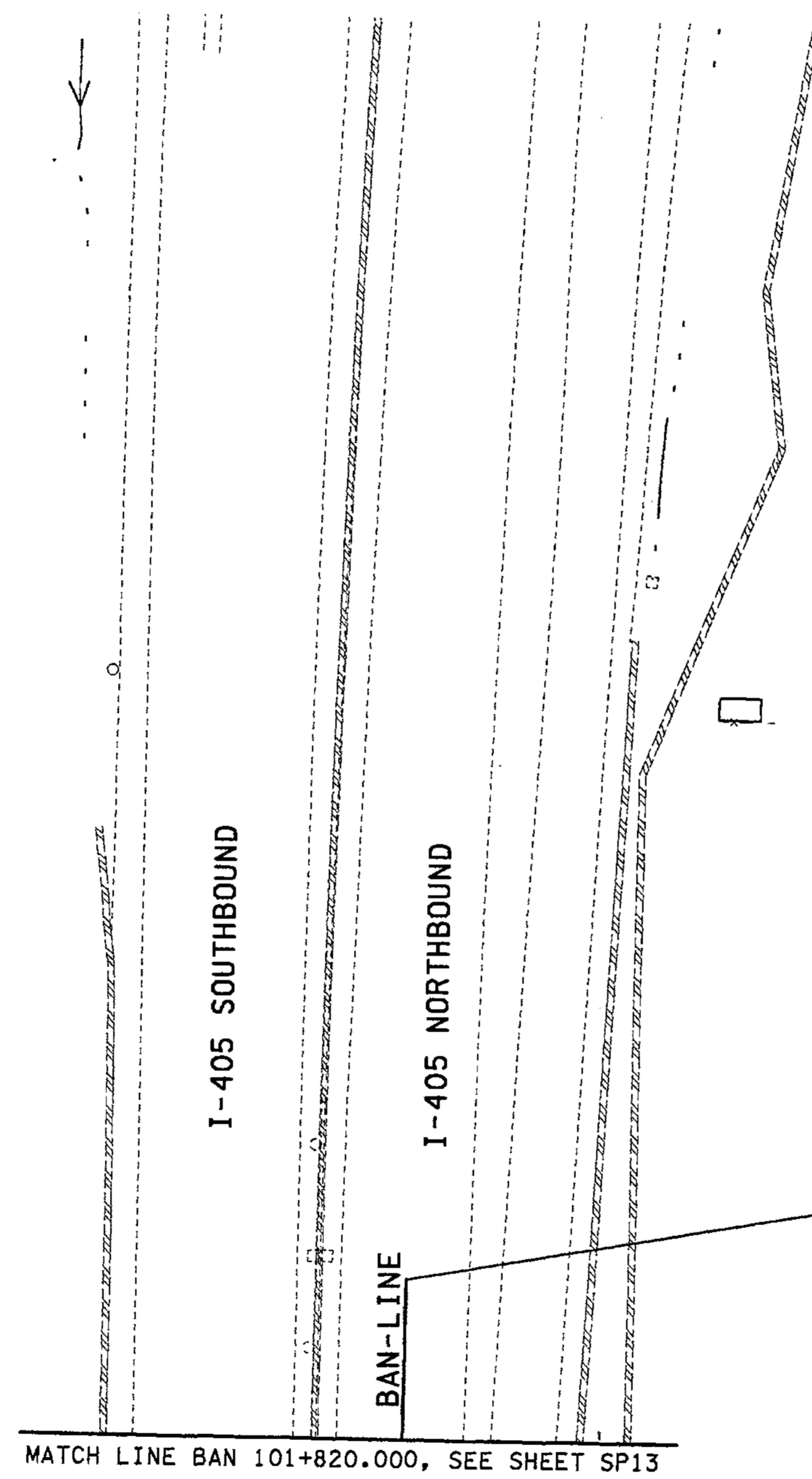


**NOTE:**

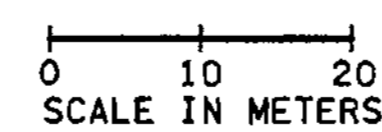
1. SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.

**LEGEND:**

- EXISTING BEAM GUARDRAIL
- x-x- EXISTING FENCE
- //// EXISTING RETAINING WALL
- ==== EXISTING CONC. BARRIER
- ////// LIMITED ACCESS
- ==== WSDOT RIGHT OF WAY
- WETLAND AREA
- ..... WETLAND/STREAM BUFFER LINE
- LIMITS OF CLEARING AND GRUBBING
- LIMITS OF PLANING BITUMINOUS PAVEMENT
- PAID AS ROADWAY FOR EXCAVATION, SEPARATELY INCL. HAUL
- REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
- REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
- REMOVING CEMENT CONC. SIDEWALK
- REMOVING CEMENT CONC. PAVEMENT
- REMOVING ASPHALT CONC. SIDEWALK



FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY AS	12/02			REGION NO. 10	STATE WASH	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. SP14		
ENTERED BY MJB	12/02			JOB NUMBER 02A012								SHEET 92
CHECKED BY MH	12/02			CONTRACT NO.								1152
PROJ. ENGR. D. CIERI	12/02											SHEETS
REGIONAL ADM. D. DYE	12/02											
	DATE	DATE	REVISION	BY								

Washington State Department of Transportation

HDR ENGINEERING INC.

SITE PREPARATION PLAN



C:\PWTEMP\dms00329\SP015\_C2.DGN

PLOT16

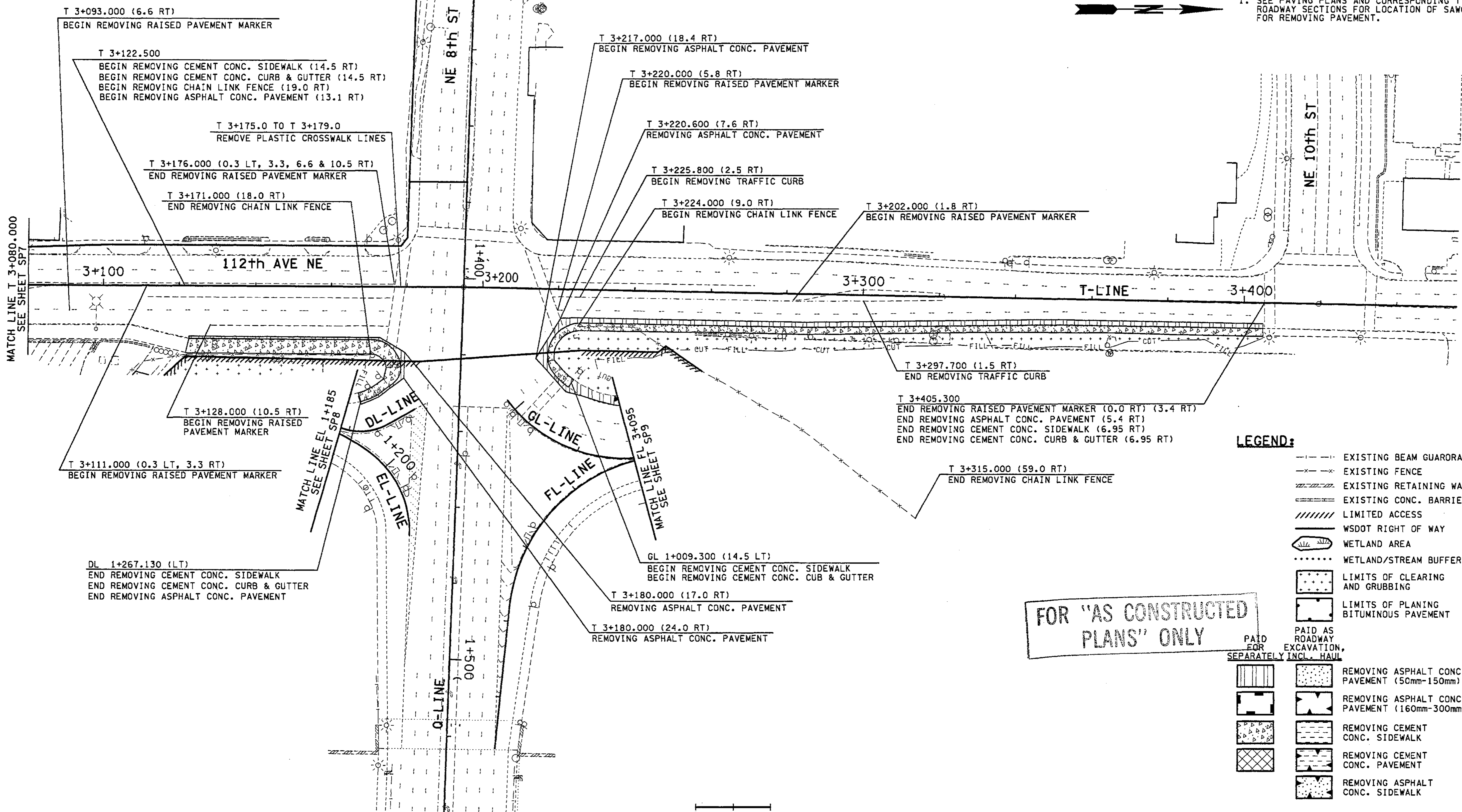
09:09:32 AM

12/02/2002

mbenson

**NOTE:**

1. SEE PAVING PLANS AND CORRESPONDING TYPICAL ROADWAY SECTIONS FOR LOCATION OF SAWCUTS FOR REMOVING PAVEMENT.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

**LEGEND:**

- EXISTING BEAM GUARORAIL
- EXISTING FENCE
- EXISTING RETAINING WALL
- EXISTING CONC. BARRIER
- LIMITED ACCESS
- WSDOT RIGHT OF WAY
- WETLAND AREA
- WETLAND/STREAM BUFFER LINE
- LIMITS OF CLEARING AND GRUBBING
- LIMITS OF PLANING BITUMINOUS PAVEMENT
- PAID AS ROADWAY EXCAVATION, SEPARATELY INCL. HAUL
- REMOVING ASPHALT CONC. PAVEMENT (50mm-150mm)
- REMOVING ASPHALT CONC. PAVEMENT (160mm-300mm)
- REMOVING CEMENT CONC. SIDEWALK
- REMOVING CEMENT CONC. PAVEMENT
- REMOVING ASPHALT CONC. SIDEWALK

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

DESIGNED BY	S. GRAFF	10/02					
ENTERED BY	C. SULLIVAN	10/02					
CHECKED BY	R. FRANTZ	10/02					
PROJ. ENGR.	D. CIERI	10/02					
REGIONAL ADM.	D. DYE	10/02					
	DATE	DATE	REVISION	BY			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

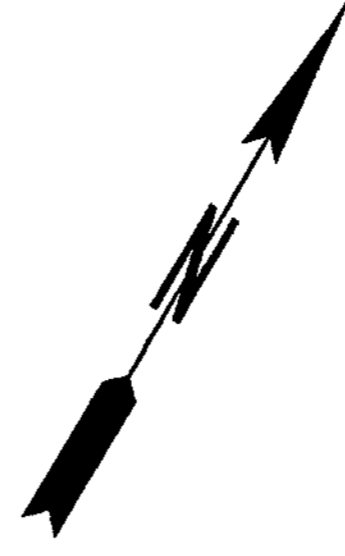
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

SITE PREPARATION PLAN

SHEET NO. SP15

93 OF 1152 SHEETS

T.24N. R.5E. W.M.



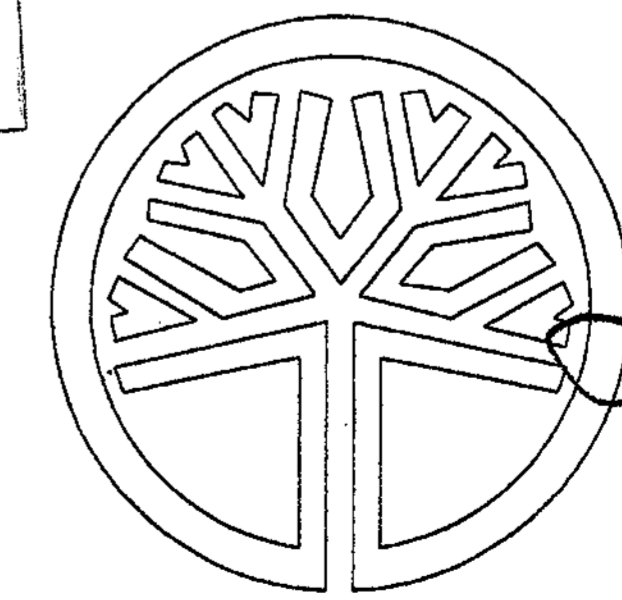
MATCH TO SHEET SP17  
LR LINE STA. 0+870



LEGEND	
EXISTING	
	CATCH BASIN
	CULVERT
	DRAINAGE DITCH
	GRATE INLET
	FENCE
	GUARDRAIL
	LIGHT POLE
	MANHOLE
	JERSEY BARRIER
	OVERHEAD POWER
	STORM DRAIN
	STREAM
	GUARDRAIL
	UNDERDRAIN
	EXISTING VEGETATION PRESERVE AND PROTECT
	EXISTING WETLAND PRESERVE AND PROTECT
	WSDOT RIGHT OF WAY
	PLANT PREPARATION LIMITS
	SOIL PREPARATION FOR INDIVIDUAL TREES ONLY

FOR "AS CONSTRUCTED  
PLANS" ONLY

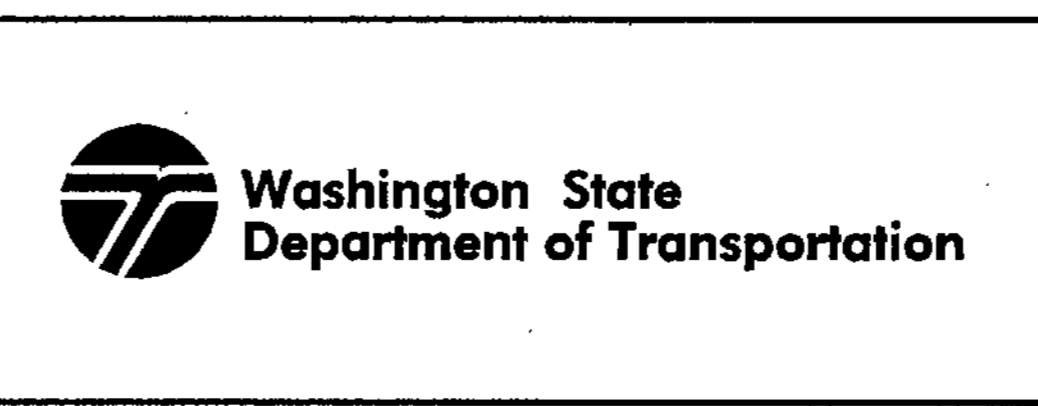
0 10 20  
SCALE IN METERS



STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT  
*Sally A. Anderson*  
SALLY A. ANDERSON  
CERTIFICATE NO. 372  
DATE: 7-2-03

S:\412006\XL1271\Sheet Files\SITE Prep.dgn PLOT15 04/02/2003 08:59:13 AM StyerA

DESIGNED BY	DATE	REVISION	BY	REGION NO.	STATE	FED. AID PROJ. NO.
B. ELROD	3/28/03			10	WASH	
A. STYERS	3/28/03					
B. MacLAREN	3/28/03					
D. CIERI	3/28/03					
L. ENG	3/28/03					
	DATE	DATE	REVISION	BY		



I 405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.  
SITE PREPARATION PLAN

SP16  
SHEET 93A  
OF 1152  
SHEETS



s:\412006\XL1271\Sheet Files\SITE Prep.dgn

PL016

08:59:17 AM

04/02/2003

Styer-A

EW - LINE

4+400

MATCH TO SHEET SP18  
LR LINE STA. 1+092.5

4+500

SE 8TH ST.

AL2 - LINE

SR 405 SOUTHBOUND

LR - LINE

SR 405 NORTHBOUND

AR - LINE

MERCER

SLOUGH WATERWAY

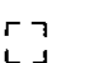
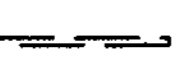
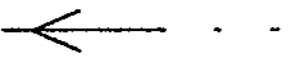

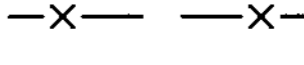
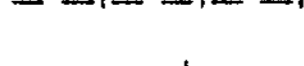
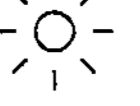

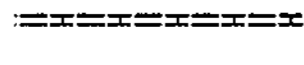
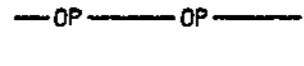
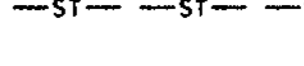




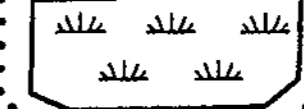
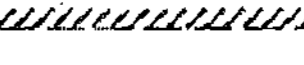


T.25N. R.5E. W.M.  
T.24N. R.5E. W.M.

SAVE AND PROTECT  
EXISTING TREES

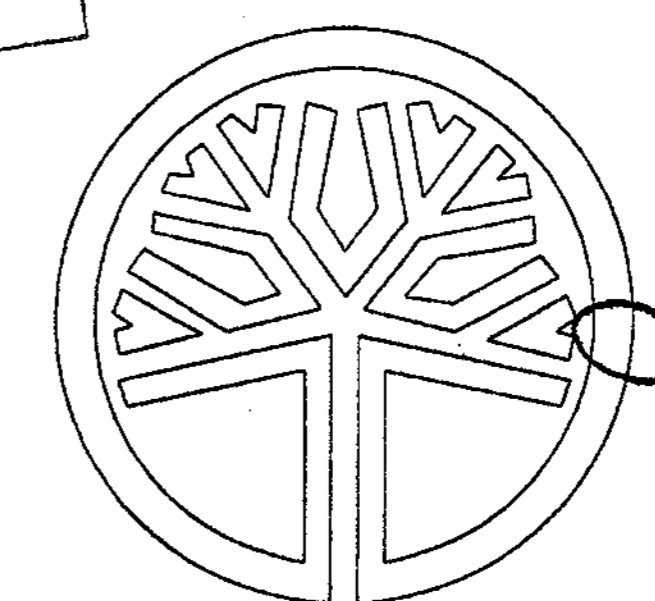
MATCH TO SHEET SP16 LR LINE STA. 0+870

0 10 20  
SCALE IN METERS

### LEGEND

- EXISTING
-  CATCH BASIN
  -  CULVERT
  -  DRAINAGE DITCH
  -  GRATE INLET
  -  FENCE
  -  GUARDRAIL
  -  LIGHT POLE
  -  MANHOLE
  -  JERSEY BARRIER
  -  OVERHEAD POWER
  -  STORM DRAIN
  -  STREAM
  -  GUARDRAIL
  -  UNDERDRAIN
  -  EXISTING VEGETATION  
PRESERVE AND PROTECT
  -  EXISTING WETLAND  
PRESERVE AND PROTECT
  -  WSDOT RIGHT OF WAY
  -  PLANT PREPARATION LIMITS
  -  SOIL PREPARATION FOR  
INDIVIDUAL TREES ONLY

FOR "AS CONSTRUCTED  
PLANS" ONLY



STATE OF  
WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT  
*Sally A. Anderson*  
SALLY A. ANDERSON  
CERTIFICATE NO. 372  
DATE: 4-2-03

DESIGNED BY	B. ELROD	3/28/03				REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	A. STYERS	3/28/03				JOB NUMBER	02A012				
CHECKED BY	B. MacLAREN	3/28/03				CONTRACT NO.					
PROJ. ENGR.	D. CIERI	3/28/03									
REGIONAL ADM.	L. ENG	3/28/03									
	DATE	DATE	REVISION	BY							



I 405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.  
SITE PREPARATION PLAN

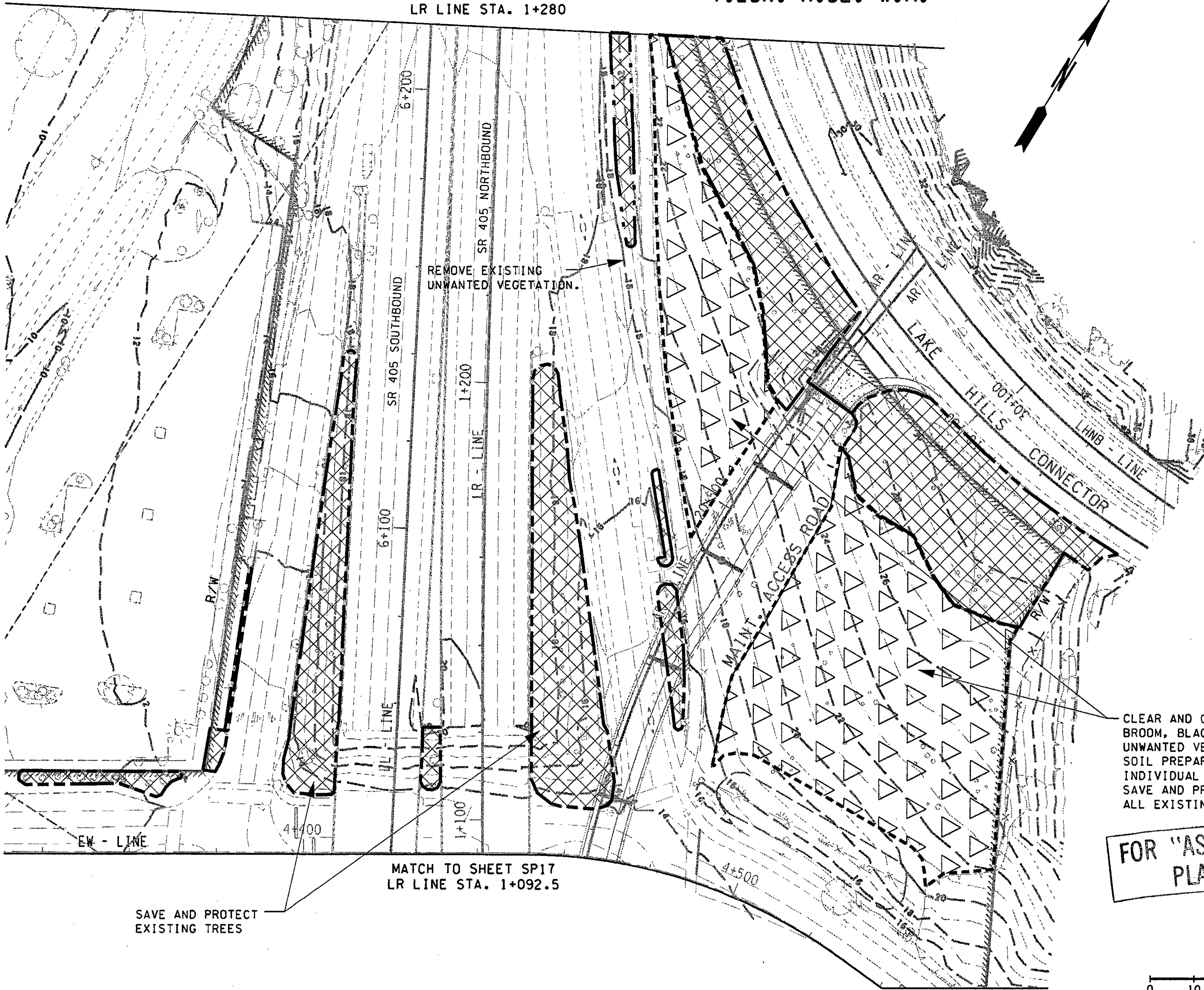
SP17  
SHEET  
938  
OF  
1152  
SHEETS



MATCH TO SHEET SP19  
LR LINE STA. 1+280

T.25N. R.5E. W.M.

LEGEND	
EXISTING	
	CATCH BASIN
	CULVERT
	DRAINAGE DITCH
	GRATE INLET
	FENCE
	GUARDRAIL
	LIGHT POLE
	MANHOLE
	JERSEY BARRIER
	OVERHEAD POWER
	STORM DRAIN
	STREAM
	GUARDRAIL
	UNDERDRAIN
	EXISTING VEGETATION PRESERVE AND PROTECT
	EXISTING WETLAND PRESERVE AND PROTECT
	WSDOT RIGHT OF WAY
	PLANT PREPARATION LIMITS
	SOIL PREPARATION FOR INDIVIDUAL TREES ONLY



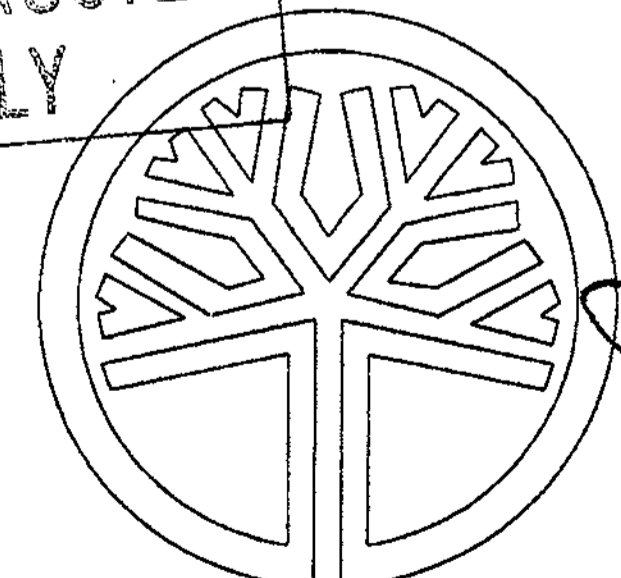
FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

SAVE AND PROTECT  
EXISTING TREES

MATCH TO SHEET SP17  
LR LINE STA. 1+092.5

CLEAR AND GRUB ALL SCOTCH  
BROOM, BLACKBERRY AND ALL  
UNWANTED VEGETATION.  
SOIL PREPARATION FOR  
INDIVIDUAL TREES ONLY.  
SAVE AND PROTECT  
ALL EXISTING TREES.



STATE OF  
WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT  
*Sally A. Anderson*  
SALLY A. ANDERSON  
CERTIFICATE NO. 372  
DATE: 7-2-03

s:\412006\XL1271\Sheet Files\SITE Prep.dgn  
PL077  
04/02/2003 08:59:22 AM  
StyerA

DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM. L. ENG.	DATE	DATE	REVISION	BY
B. ELROD	A. STYERS	B. MacLAREN	D. CIERI	L. ENG.	3/28/03			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		



I 405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.

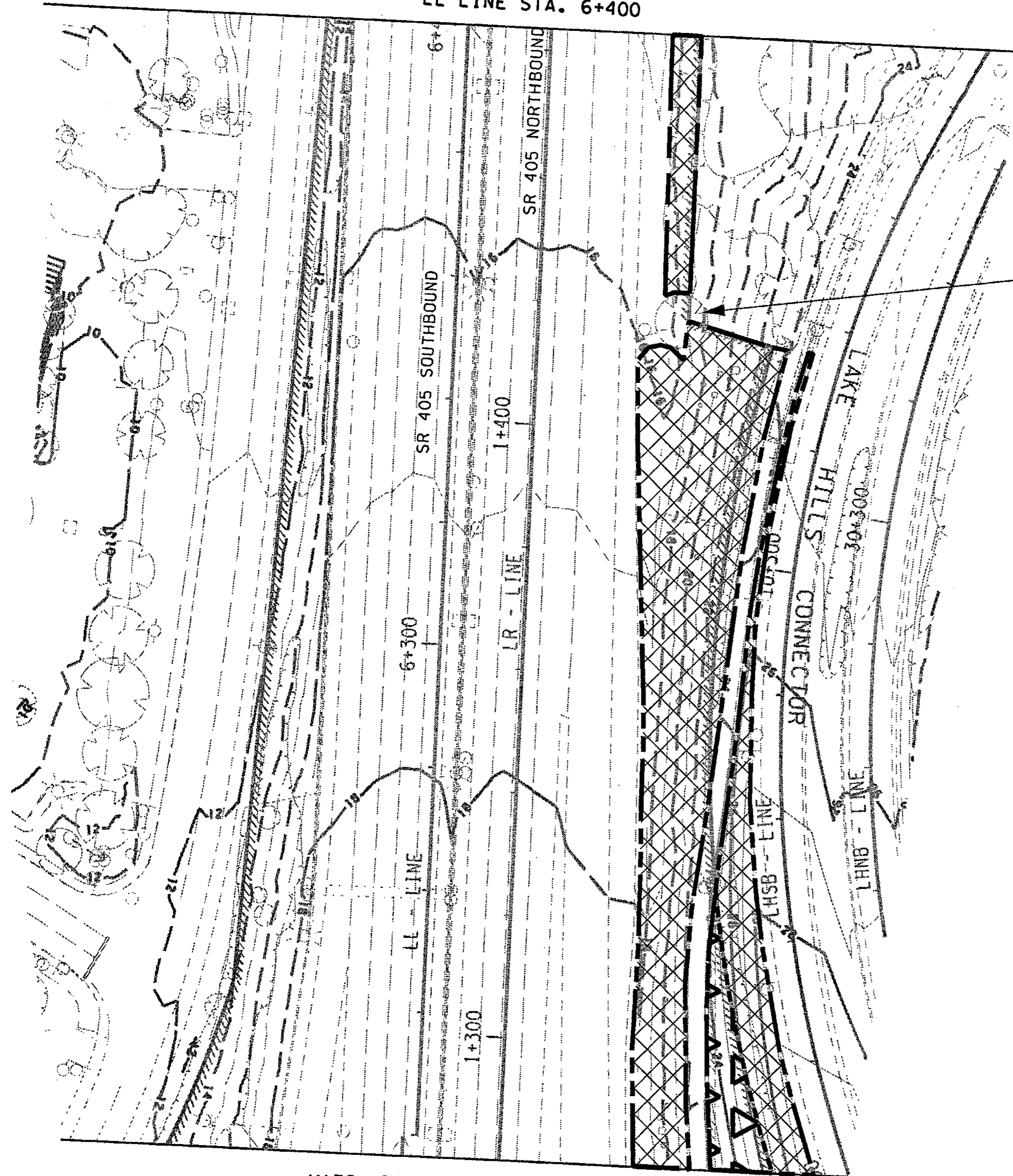
SITE PREPARATION PLAN

SP18  
SHEET  
930  
OF  
1152  
SHEETS



T.25N. R.5E. W.M.

MATCH TO SHEET SP20  
LL LINE STA. 6+400



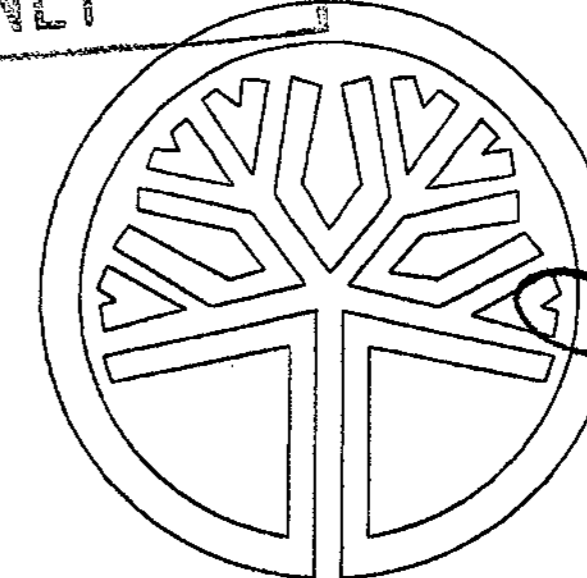
SAVE AND PROTECT  
EXISTING TREE

MATCH TO SHEET SP18  
LR LINE STA. 1+280

0 10 20  
SCALE IN METERS

LEGEND	
EXISTING	
[ ]	CATCH BASIN
[---]	CULVERT
[--->]	DRAINAGE DITCH
[ ]	GRATE INLET
-x-x-	FENCE
[---]	GUARDRAIL
[⊙]	LIGHT POLE
[○]	MANHOLE
[=====]	JERSEY BARRIER
[---OP---	OVERHEAD POWER
[---ST---	STORM DRAIN
[--->]	STREAM
[---]	GUARDRAIL
[---D---	UNDERDRAIN
[~~~]	EXISTING VEGETATION PRESERVE AND PROTECT
[~~~]	EXISTING WETLAND PRESERVE AND PROTECT
[=====]	WSDOT RIGHT OF WAY
[X-X-X]	PLANT PREPARATION LIMITS
[--->]	SOIL PREPARATION FOR INDIVIDUAL TREES ONLY

FOR "AS CONSTRUCTED  
PLANS" ONLY



STATE OF  
WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT

*Sally A. Anderson*  
SALLY A. ANDERSON  
CERTIFICATE NO. 372  
DATE: 4-2-03

s:\412006\XL1271\Sheet Files\SITE Prep.dgn

PLOT8

08:59:26 AM

04/02/2003

StyerA

DESIGNED BY	B. ELROD	3/28/03			
ENTERED BY	A. STYERS	3/28/03			
CHECKED BY	B. MacLAREN	3/28/03			
PROJ. ENGR.	D. CIERI	3/28/03			
REGIONAL ADM.	L. ENG	3/28/03			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

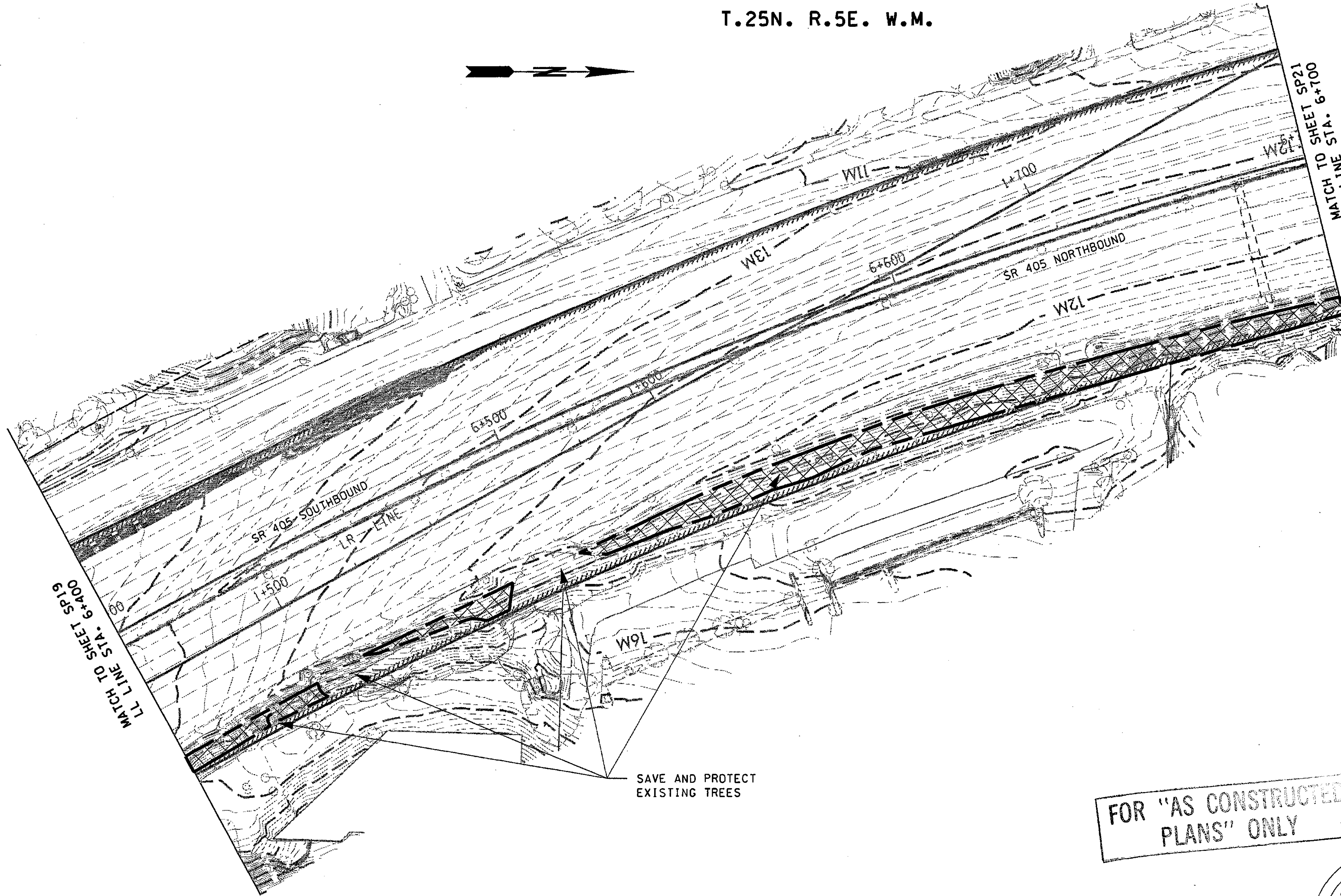


I 405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.  
SITE PREPARATION PLAN

SP19  
SHEET  
930  
OF  
1152  
SHEETS



T.25N. R.5E. W.M.



SAVE AND PROTECT  
EXISTING TREES

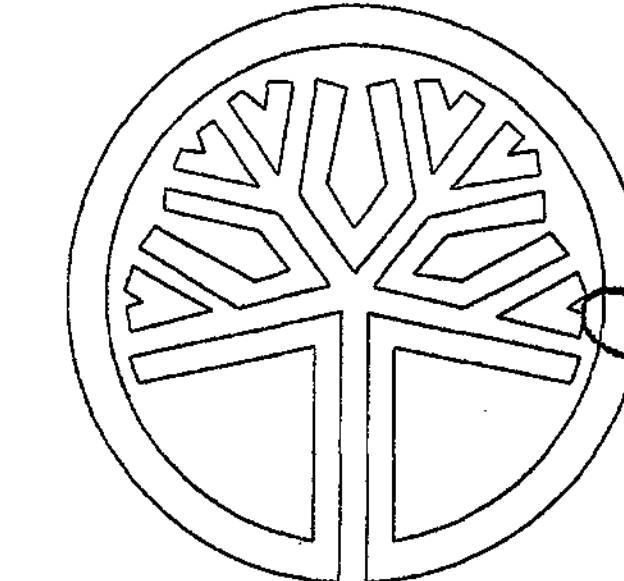
FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

LEGEND

- EXISTING
- CATCH BASIN
- CULVERT
- DRAINAGE DITCH
- GRATE INLET
- FENCE
- GUARDRAIL
- LIGHT POLE
- MANHOLE
- JERSEY BARRIER
- OVERHEAD POWER
- STORM DRAIN
- STREAM
- GUARDRAIL
- UNDERDRAIN
- EXISTING VEGETATION PRESERVE AND PROTECT
- EXISTING WETLAND PRESERVE AND PROTECT
- WSDOT RIGHT OF WAY
- PLANT PREPARATION LIMITS
- SOIL PREPARATION FOR INDIVIDUAL TREES ONLY

s:\412006\XL1271\Sheet Files\SITE Prep.dgn PLOT9 08:59:29 AM 04/02/2003 StyerA



STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT  
*Sally A. Anderson*  
SALLY A. ANDERSON  
CERTIFICATE NO. 372  
DATE: 4-2-03

DESIGNED BY	B. ELROD	3/28/03			REGION NO.	STATE	FED.AID PROJ.NO.			I 405 BELLEVUE DIRECT ACCESS NE 4TH ST. /NE 6TH ST.	SP20
ENTERED BY	A. STYERS	3/28/03			10	WASH					
CHECKED BY	B. MacLAREN	3/28/03			JOB NUMBER						
PROJ. ENGR.	D. CIERI	3/28/03			02A012						
REGIONAL ADM.	L. ENG	3/28/03			CONTRACT NO.						
		DATE	DATE	REVISION	BY						SHEET 93E OF 1152 SHEETS

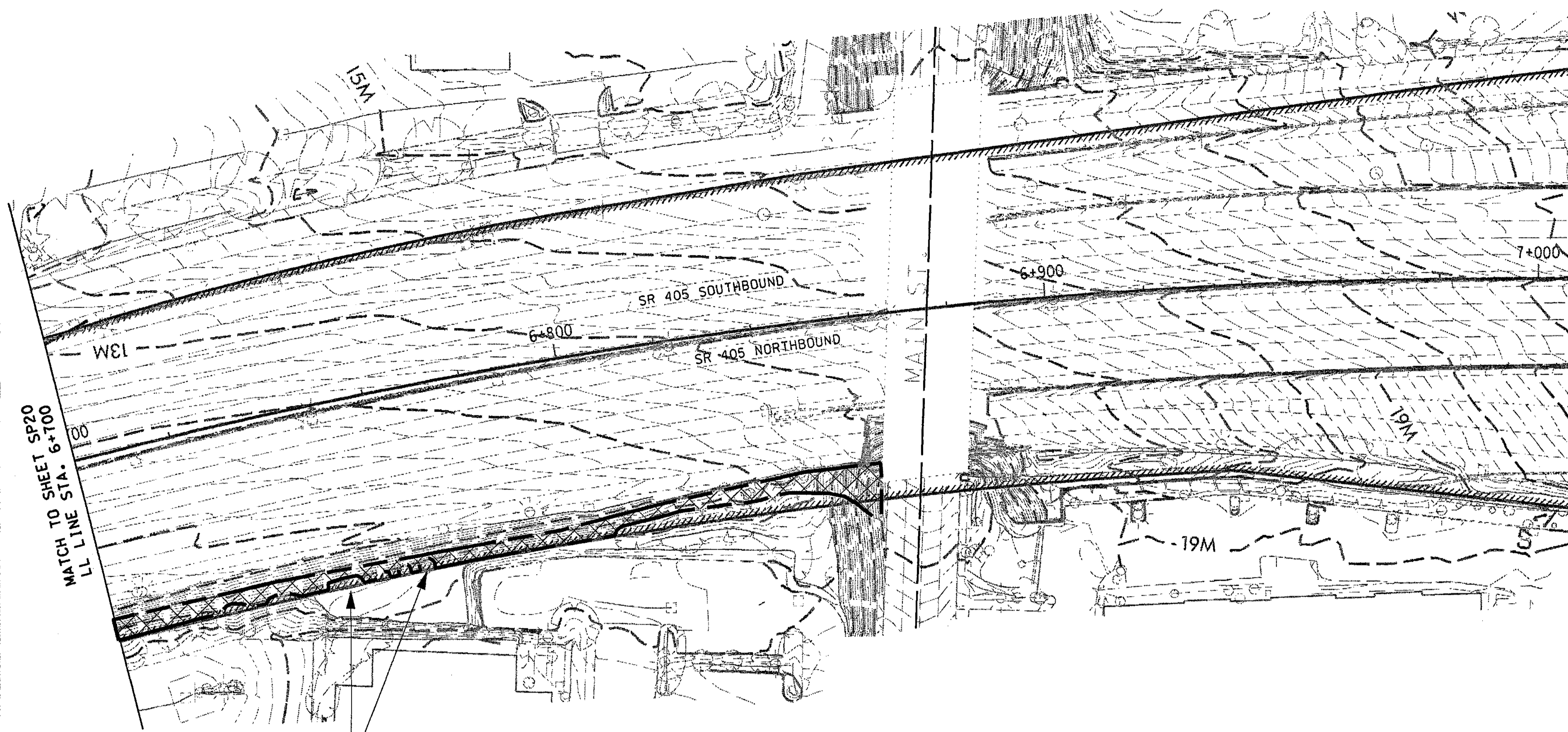
SITE PREPARATION PLAN



T.25N. R.5E. W.M.



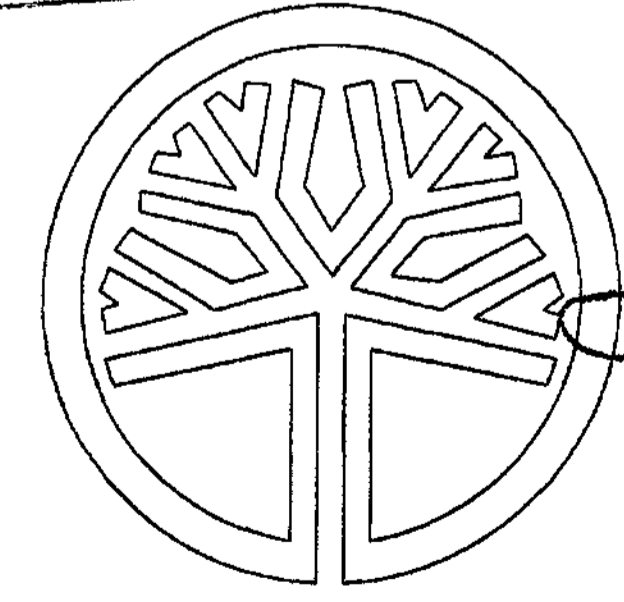
LEGEND	
EXISTING	
	CATCH BASIN
	CULVERT
	DRAINAGE DITCH
	GRATE INLET
	FENCE
	GUARDRAIL
	LIGHT POLE
	MANHOLE
	JERSEY BARRIER
	OVERHEAD POWER
	STORM DRAIN
	STREAM
	GUARDRAIL
	UNDERDRAIN
	EXISTING VEGETATION PRESERVE AND PROTECT
	EXISTING WETLAND PRESERVE AND PROTECT
	WSDOT RIGHT OF WAY
	PLANT PREPARATION LIMITS
	SOIL PREPARATION FOR INDIVIDUAL TREES ONLY



SAVE AND PROTECT EXISTING TREES

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS



STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT  
*Sally A. Anderson*  
SALLY A. ANDERSON  
CERTIFICATE NO. 372  
DATE: 4-2-03

s:\412006\XL1271\Sheet Files\SITE Prep.dgn PLOT10 04/02/2003 08:59:33 AM StyerA

DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM. L. ENG.	DATE	DATE	REVISION	BY
B. ELROD	A. STYERS	B. MacLAREN	D. CIERI		3/28/03			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		



I 405  
BELLEVUE DIRECT ACCESS  
NE 4TH ST. / NE 6TH ST.  
SITE PREPARATION PLAN  
SP21  
SHEET 93F OF 1152 SHEETS

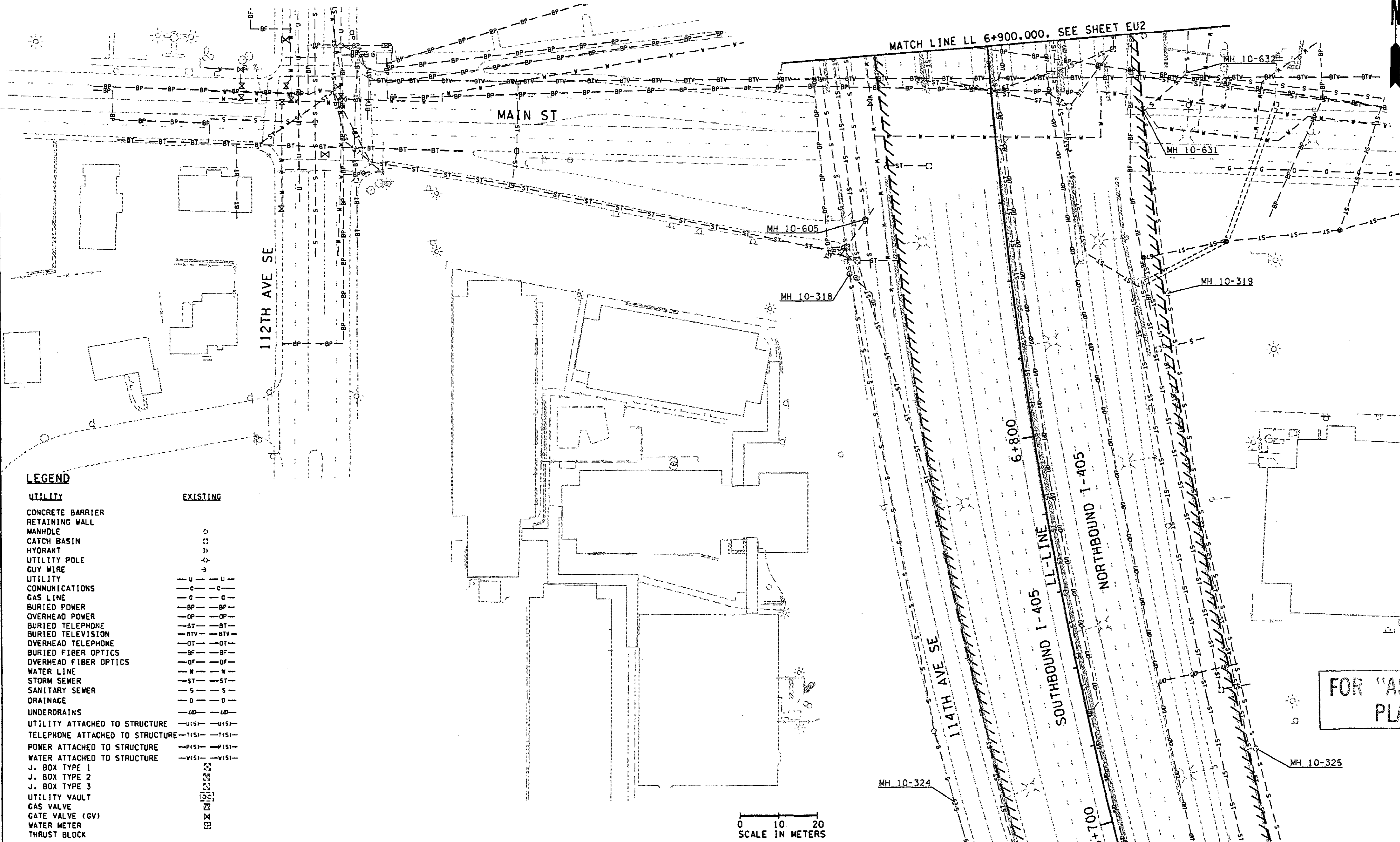
T.25N. R.5E. W.M.

D:\pwttemp\dms00580\EU001\_C2.DGN

PL01

11/26/2002 10:14:13 AM

ALIGNB



**LEGEND**

UTILITY	EXISTING
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	
CATCH BASIN	
HYDRANT	
UTILITY POLE	
GUY WIRE	
UTILITY COMMUNICATIONS	
GAS LINE	
BURIED POWER	
OVERHEAD POWER	
BURIED TELEPHONE	
BURIED TELEVISION	
OVERHEAD TELEPHONE	
BURIED FIBER OPTICS	
OVERHEAD FIBER OPTICS	
WATER LINE	
STORM SEWER	
SANITARY SEWER	
DRAINAGE	
UNDERDRAINS	
UTILITY ATTACHED TO STRUCTURE	
TELEPHONE ATTACHED TO STRUCTURE	
POWER ATTACHED TO STRUCTURE	
WATER ATTACHED TO STRUCTURE	
J. BOX TYPE 1	
J. BOX TYPE 2	
J. BOX TYPE 3	
UTILITY VAULT	
GAS VALVE	
GATE VALVE (GV)	
WATER METER	
THRUST BLOCK	

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	DATE	DATE	REVISION	BY
P. SLOAN	A. BYERS	R. LEIMKUEHLER	D. CIERI	D. DYE	12/02	12/02		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/26/02

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

EXISTING UTILITY PLAN

SHEET NO. EU1

94 OF 1152 SHEETS



T.25N. R.5E. W.M.

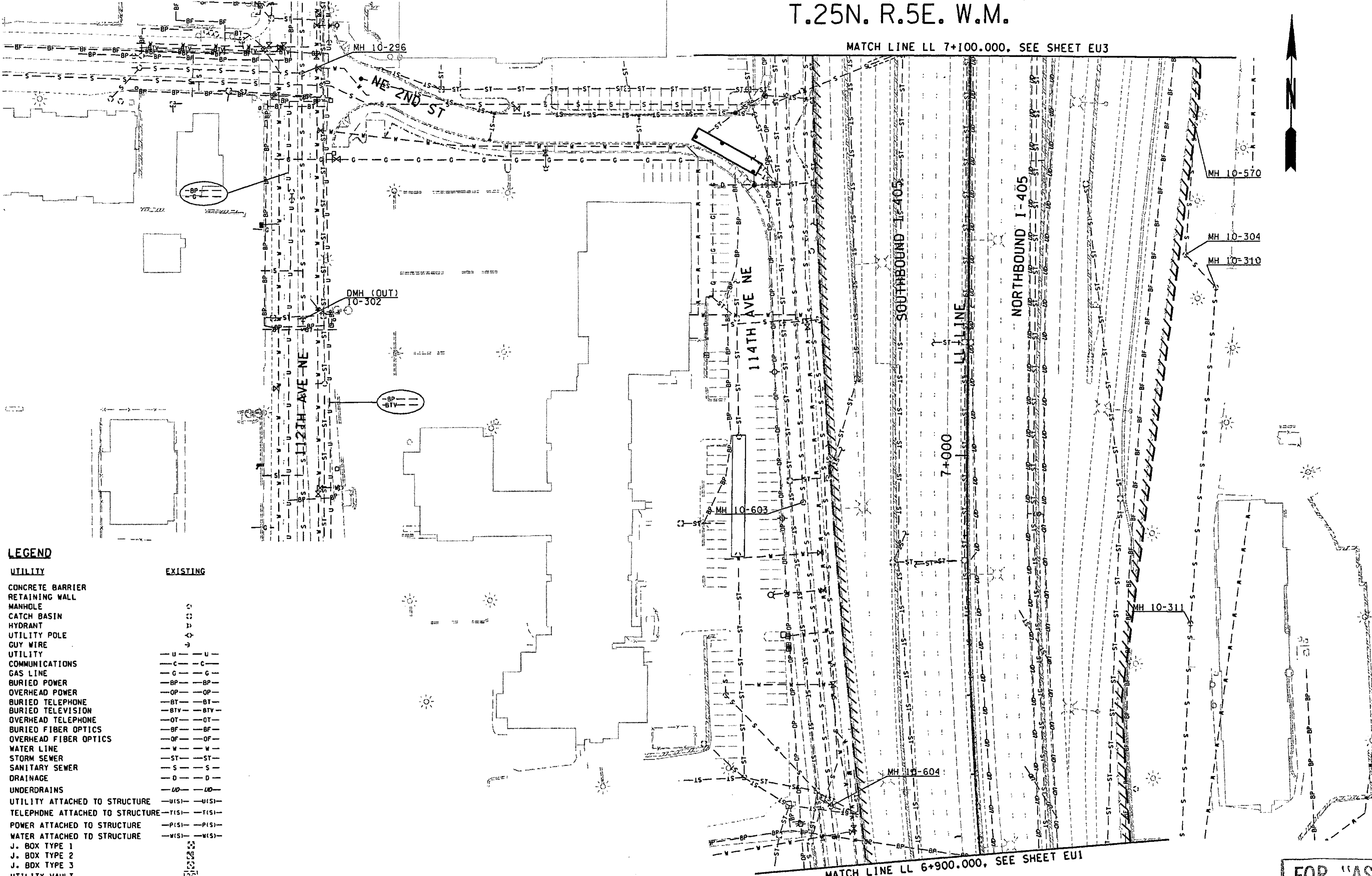
MATCH LINE LL 7+100.000, SEE SHEET EU3

D:\pwrtemp\dms00580\EU002\_C2.DGN

PLOT2

11/26/2002 10:14:19 AM

AI QNB



**LEGEND**

UTILITY	EXISTING
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	○
CATCH BASIN	○
HYDRANT	○
UTILITY POLE	□
GUY WIRE	—
UTILITY COMMUNICATIONS	— U — U — U
GAS LINE	— G — G — G
BURIED POWER	— BP — BP — BP
OVERHEAD POWER	— OP — OP — OP
BURIED TELEPHONE	— BT — BT — BT
BURIED TELEVISION	— BTY — BTY — BTY
OVERHEAD TELEPHONE	— OT — OT — OT
BURIED FIBER OPTICS	— BF — BF — BF
OVERHEAD FIBER OPTICS	— OF — OF — OF
WATER LINE	— W — W — W
STORM SEWER	— ST — ST — ST
SANITARY SEWER	— S — S — S
DRAINAGE	— D — D — D
UNDERDRAINS	— UD — UD — UD
UTILITY ATTACHED TO STRUCTURE	— U(S) — U(S) — U(S)
TELEPHONE ATTACHED TO STRUCTURE	— T(S) — T(S) — T(S)
POWER ATTACHED TO STRUCTURE	— P(S) — P(S) — P(S)
WATER ATTACHED TO STRUCTURE	— W(S) — W(S) — W(S)
J. BOX TYPE 1	□
J. BOX TYPE 2	□
J. BOX TYPE 3	□
UTILITY VAULT	□
GAS VALVE	□
GATE VALVE (GV)	□
WATER METER	□
THRUST BLOCK	□



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	REVISION	BY
P. SLOAN	12/02		
A. BYERS	12/02		
R. LEIMKUEHLER	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/26/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

EXISTING UTILITY PLAN

SHEET NO. EU2  
95 OF 1152 SHEETS

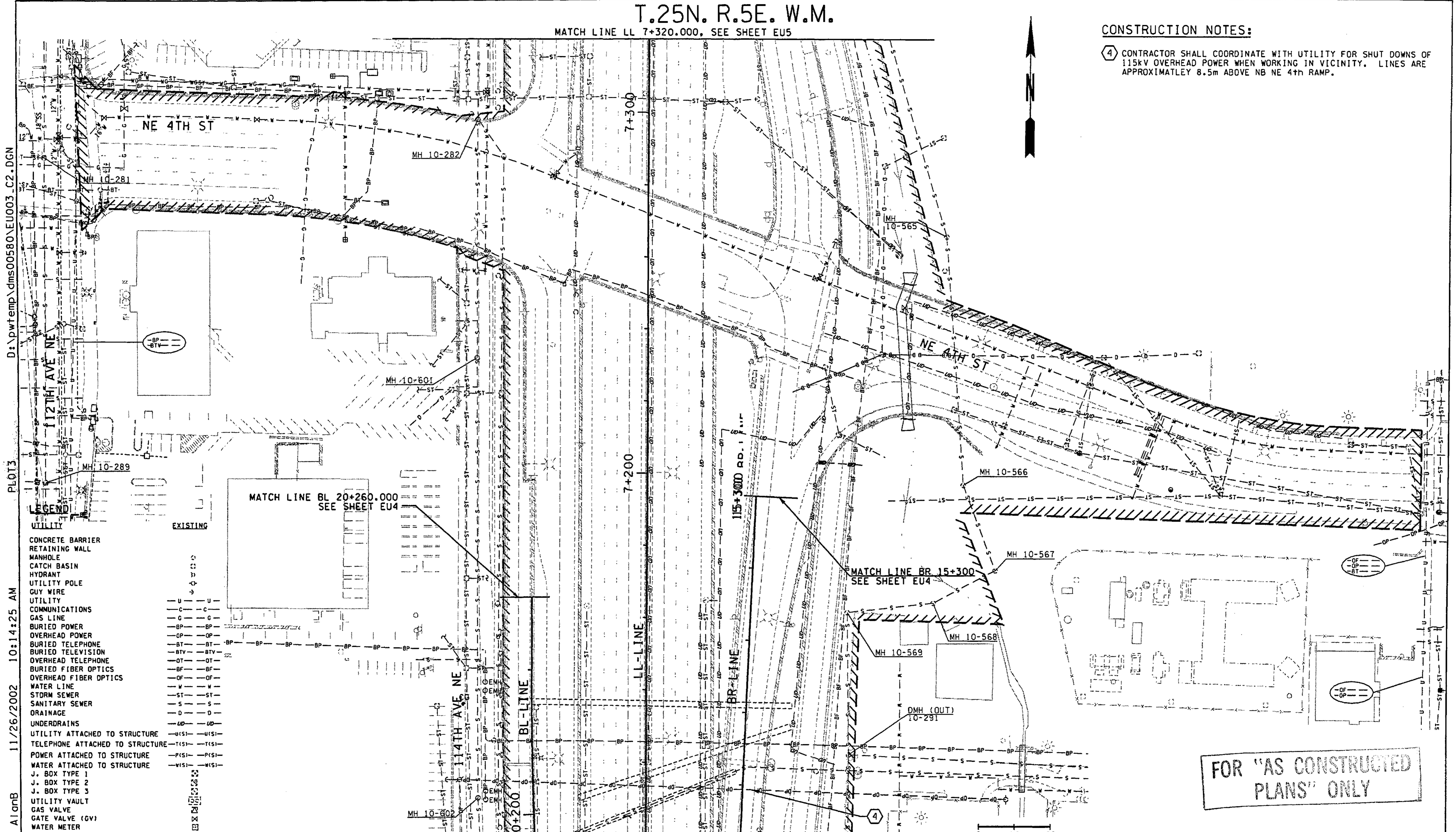


T.25N. R.5E. W.M.

MATCH LINE LL 7+320.000, SEE SHEET EU5

CONSTRUCTION NOTES:

- 4 CONTRACTOR SHALL COORDINATE WITH UTILITY FOR SHUT DOWNS OF 115KV OVERHEAD POWER WHEN WORKING IN VICINITY. LINES ARE APPROXIMATELY 8.5m ABOVE NB NE 4th RAMP.



D:\pwrtemp\dms00580\EU003\_C2.DGN  
PLOT3  
11/26/2002 10:14:25 AM  
ALIGNB

**LEGEND**

UTILITY	
CONCRETE BARRIER	---
RETAINING WALL	---
MANHOLE	○
CATCH BASIN	○
HYDRANT	○
UTILITY POLE	○
GUY WIRE	---
UTILITY COMMUNICATIONS	---
GAS LINE	---
BURIED POWER	---
OVERHEAD POWER	---
BURIED TELEPHONE	---
BURIED TELEVISION	---
OVERHEAD TELEPHONE	---
BURIED FIBER OPTICS	---
OVERHEAD FIBER OPTICS	---
WATER LINE	---
STORM SEWER	---
SANITARY SEWER	---
ORAINAGE	---
UNDERDRAINS	---
UTILITY ATTACHED TO STRUCTURE	---
TELEPHONE ATTACHED TO STRUCTURE	---
POWER ATTACHED TO STRUCTURE	---
WATER ATTACHED TO STRUCTURE	---
J. BOX TYPE 1	○
J. BOX TYPE 2	○
J. BOX TYPE 3	○
UTILITY VAULT	○
GAS VALVE	○
GATE VALVE (GV)	○
WATER METER	○
THRUST BLOCK	○

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY A. BYERS	12/02	JOB NUMBER	02A012				
CHECKED BY R LEIMKUEHLER	12/02	CONTRACT NO.					
PROJ. ENGR. D. CIERI	12/02	DATE		DATE		REVISION	BY
REGIONAL ADM. D. DYE	12/02						

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*Ronald J. Leimkuhler*  
11/26/02

Washington State Department of Transportation

HDR ENGINEERING INC.

kpff Consulting Engineers

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

EXISTING UTILITY PLAN

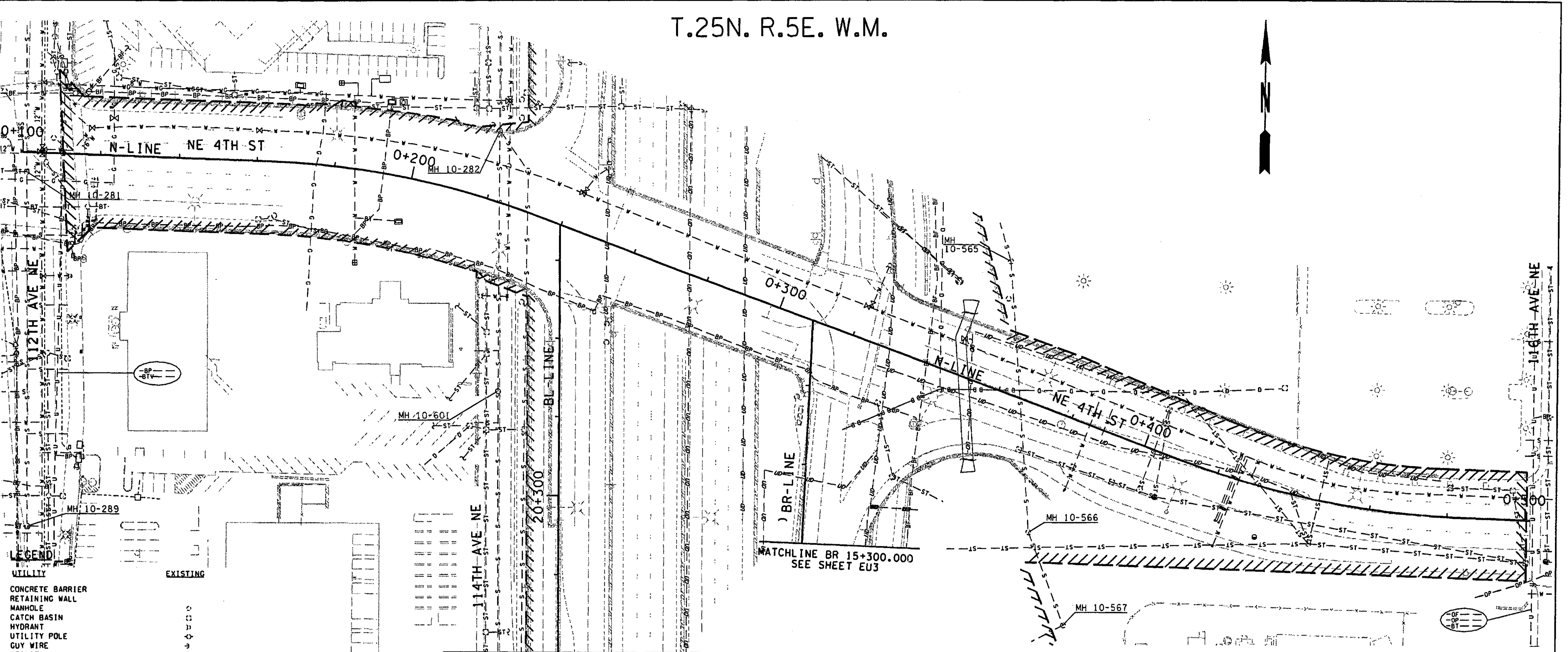
SHEET NO. EU3  
96 OF 1152 SHEETS



T.25N. R.5E. W.M.



D:\pwt\temp\dms00580\EU004\_C2.DGN  
PLOT4  
11/26/2002 10:14:33 AM  
ALIGNB



- LEGEND**
- |                                 |   |
|---------------------------------|---|
| UTILITY                         |   |
| CONCRETE BARRIER                | — |
| RETAINING WALL                  | — |
| MANHOLE                         | ○ |
| CATCH BASIN                     | □ |
| HYDRANT                         | ⊕ |
| UTILITY POLE                    | ⊙ |
| GUY WIRE                        | — |
| UTILITY                         | — |
| COMMUNICATIONS                  | — |
| GAS LINE                        | — |
| BURIED POWER                    | — |
| OVERHEAD POWER                  | — |
| BURIED TELEPHONE                | — |
| BURIED TELEVISION               | — |
| OVERHEAD TELEPHONE              | — |
| BURIED FIBER OPTICS             | — |
| OVERHEAD FIBER OPTICS           | — |
| WATER LINE                      | — |
| STORM SEWER                     | — |
| SANITARY SEWER                  | — |
| DRAINAGE                        | — |
| UNDERDRAINS                     | — |
| UTILITY ATTACHED TO STRUCTURE   | — |
| TELEPHONE ATTACHED TO STRUCTURE | — |
| POWER ATTACHED TO STRUCTURE     | — |
| WATER ATTACHED TO STRUCTURE     | — |
| J. BOX TYPE 1                   | ⊙ |
| J. BOX TYPE 2                   | ⊙ |
| J. BOX TYPE 3                   | ⊙ |
| UTILITY VAULT                   | ⊙ |
| GAS VALVE                       | ⊙ |
| GATE VALVE (GV)                 | ⊙ |
| WATER METER                     | ⊙ |
| THRUST BLOCK                    | ⊙ |

MATCH LINE BL 20+260.000  
SEE SHEET EU3

MATCH LINE BR 15+300.000  
SEE SHEET EU3

FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  Washington State Department of Transportation  	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.  EXISTING UTILITY PLAN	SHEET NO. EU4
ENTERED BY A. BYERS	12/02	JOB NUMBER	02A012								SHEET OF 97 OF 152 SHEETS
CHECKED BY R LEIMKUHLER	12/02	CONTRACT NO.									
PROJ. ENGR. D. CIERI	12/02										
REGIONAL ADM. D. DYE	12/02										
DATE	DATE	REVISION	BY								

T.25N. R.5E. W.M.

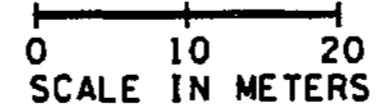
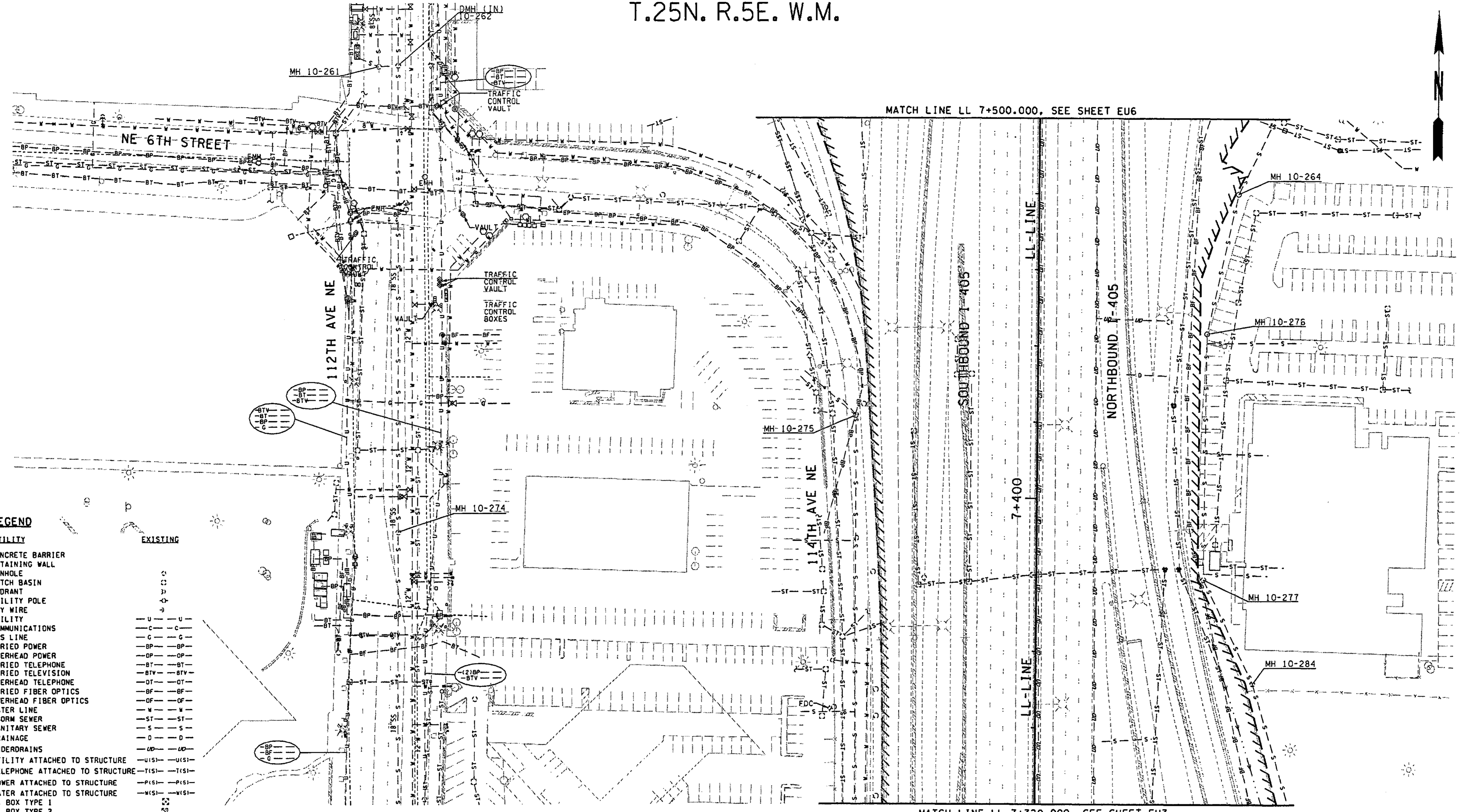


MATCH LINE LL 7+500.000, SEE SHEET EU6

MATCH LINE LL 7+320.000, SEE SHEET EU3

D:\pwrtemp\dms00580\EU005\_C2.DGN  
PLOT6  
11/26/2002 10:14:39 AM  
AIamb

- LEGEND**
- UTILITY**
- CONCRETE BARRIER
  - RETAINING WALL
  - MANHOLE
  - CATCH BASIN
  - HYDRANT
  - UTILITY POLE
  - GUY WIRE
  - UTILITY
  - COMMUNICATIONS
  - GAS LINE
  - BURIED POWER
  - OVERHEAD POWER
  - BURIED TELEPHONE
  - BURIED TELEVISION
  - OVERHEAD TELEPHONE
  - BURIED FIBER OPTICS
  - OVERHEAD FIBER OPTICS
  - WATER LINE
  - STORM SEWER
  - SANITARY SEWER
  - DRAINAGE
  - UNDERDRAINS
  - UTILITY ATTACHED TO STRUCTURE
  - TELEPHONE ATTACHED TO STRUCTURE
  - POWER ATTACHED TO STRUCTURE
  - WATER ATTACHED TO STRUCTURE
  - J. BOX TYPE 1
  - J. BOX TYPE 2
  - J. BOX TYPE 3
  - UTILITY VAULT
  - GAS VALVE
  - GATE VALVE (GV)
  - WATER METER
  - THRUST BLOCK
- EXISTING**



FOR "AS CONSTRUCTED  
PLANS" ONLY

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	P. SLOAN	12/02			
ENTERED BY	A. BYERS	12/02			
CHECKED BY	R. LEIMKUHLER	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

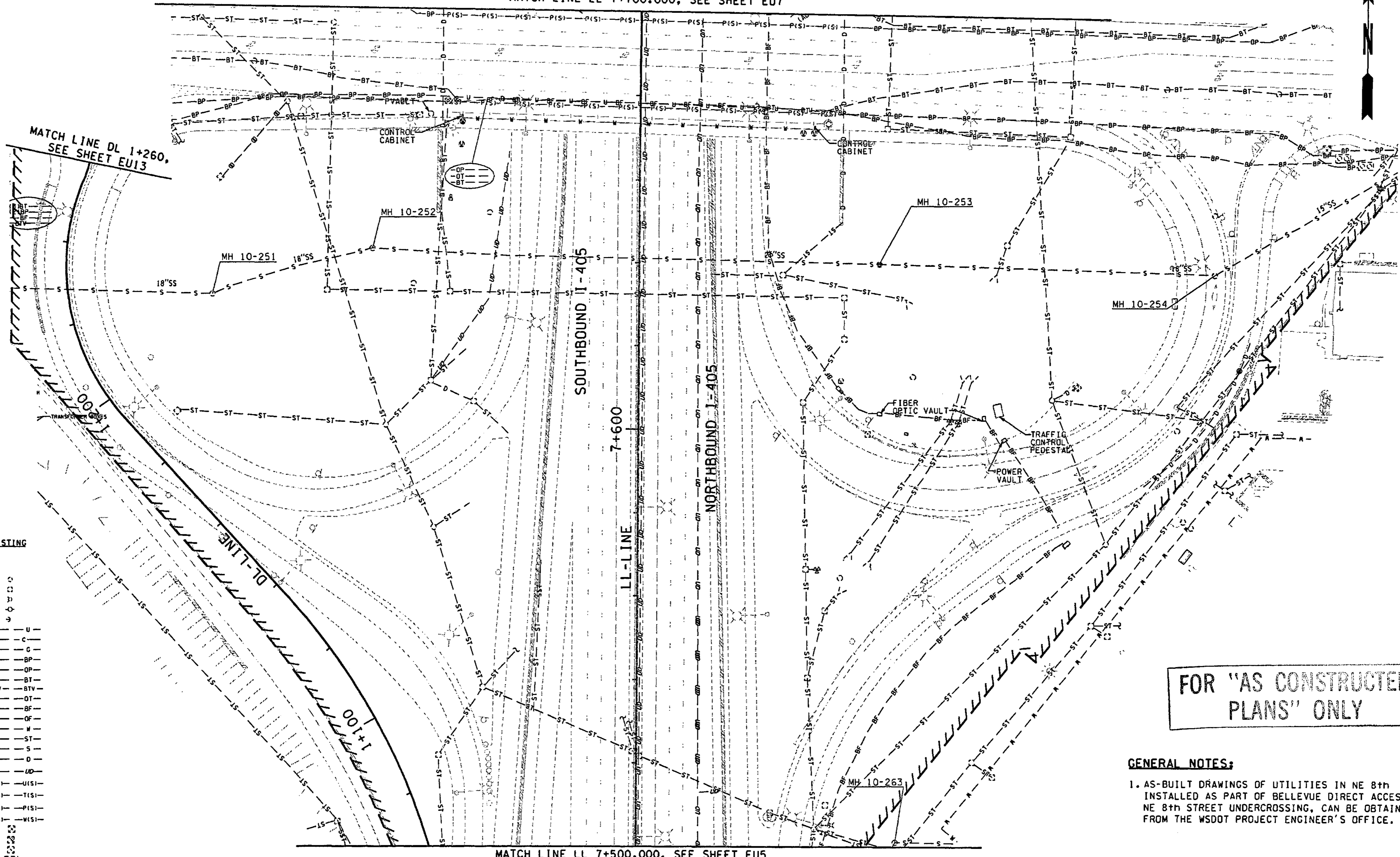
EXISTING UTILITY PLAN

SHEET NO. EU5  
98  
1152 SHEETS



T.25N. R.5E. W.M.

MATCH LINE LL 7+700.000, SEE SHEET EU7



D:\pwrtemp\dms00580\EU006\_C2.DGN  
PLOT8  
11/26/2002 10:14:46 AM  
ALIGNB

**LEGEND**

UTILITY	
CONCRETE BARRIER	—
RETAINING WALL	—
MANHOLE	○
CATCH BASIN	○
HYDRANT	○
UTILITY POLE	⊥
GUY WIRE	—
UTILITY COMMUNICATIONS	—
GAS LINE	—
BURIED POWER	—
OVERHEAD POWER	—
BURIED TELEPHONE	—
BURIED TELEVISION	—
OVERHEAD TELEPHONE	—
BURIED FIBER OPTICS	—
OVERHEAD FIBER OPTICS	—
WATER LINE	—
STORM SEWER	—
SANITARY SEWER	—
DRAINAGE	—
UNDERDRAINS	—
UTILITY ATTACHED TO STRUCTURE	—(S)—
TELEPHONE ATTACHED TO STRUCTURE	—(T)—
POWER ATTACHED TO STRUCTURE	—(P)—
WATER ATTACHED TO STRUCTURE	—(W)—
J. BOX TYPE 1	○
J. BOX TYPE 2	○
J. BOX TYPE 3	○
UTILITY VAULT	○
GAS VALVE	○
GATE VALVE (GV)	○
WATER METER	○
THRUST BLOCK	○

**EXISTING**

UTILITY	—
CONCRETE BARRIER	—
RETAINING WALL	—
MANHOLE	○
CATCH BASIN	○
HYDRANT	○
UTILITY POLE	⊥
GUY WIRE	—
UTILITY COMMUNICATIONS	—
GAS LINE	—
BURIED POWER	—
OVERHEAD POWER	—
BURIED TELEPHONE	—
BURIED TELEVISION	—
OVERHEAD TELEPHONE	—
BURIED FIBER OPTICS	—
OVERHEAD FIBER OPTICS	—
WATER LINE	—
STORM SEWER	—
SANITARY SEWER	—
DRAINAGE	—
UNDERDRAINS	—
UTILITY ATTACHED TO STRUCTURE	—(S)—
TELEPHONE ATTACHED TO STRUCTURE	—(T)—
POWER ATTACHED TO STRUCTURE	—(P)—
WATER ATTACHED TO STRUCTURE	—(W)—
J. BOX TYPE 1	○
J. BOX TYPE 2	○
J. BOX TYPE 3	○
UTILITY VAULT	○
GAS VALVE	○
GATE VALVE (GV)	○
WATER METER	○
THRUST BLOCK	○

FOR "AS CONSTRUCTED PLANS" ONLY

**GENERAL NOTES:**  
1. AS-BUILT DRAWINGS OF UTILITIES IN NE 8th INSTALLED AS PART OF BELLEVUE DIRECT ACCESS- NE 8th STREET UNDERCROSSING, CAN BE OBTAINED FROM THE WSDOT PROJECT ENGINEER'S OFFICE.

0 10 20  
SCALE IN METERS

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02	REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER Washington State Department of Transportation 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. EU6 SHEET 99 OF 1152 SHEETS
ENTERED BY A. BYERS	12/02	10	WASH					
CHECKED BY R. LEIMKUEHLER	12/02	JOB NUMBER	CONTRACT NO.					
PROJ. ENGR. D. CIERI	12/02	02A012						
REGIONAL ADM. D. DYE	12/02	DATE	DATE	REVISION	BY			

D:\pwt\temp\dms00580\EU007\_C2.DGN

PLOT9

11/26/2002 10:14:52 AM

A1 on B

**LEGEND**

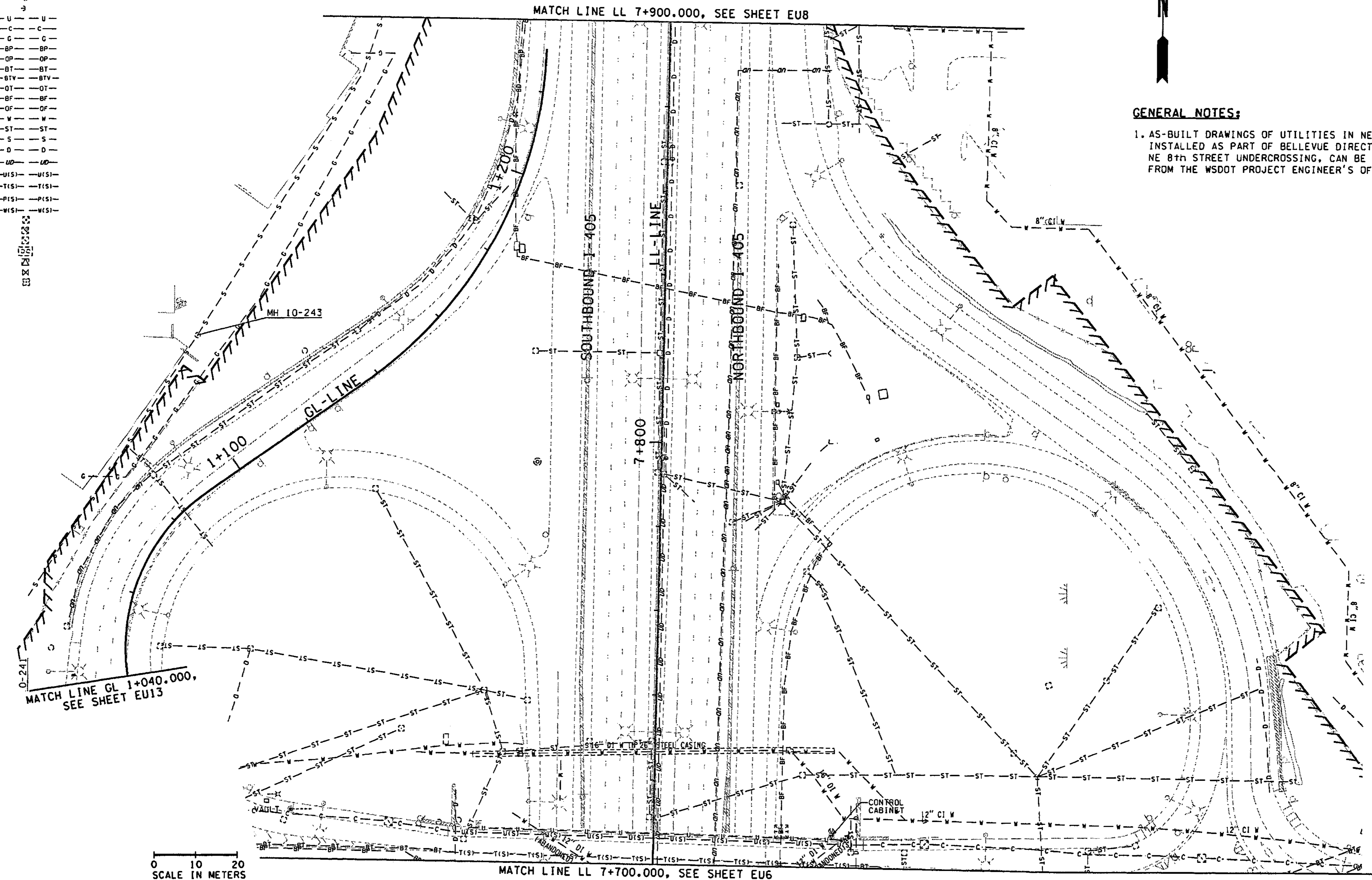
UTILITY	EXISTING
CONCRETE BARRIER	—
RETAINING WALL	—
MANHOLE	○
CATCH BASIN	○
HYDRANT	○
UTILITY POLE	○
GUY WIRE	—
UTILITY	—
COMMUNICATIONS	—
GAS LINE	—
BURIED POWER	—
OVERHEAD POWER	—
BURIED TELEPHONE	—
BURIED TELEVISION	—
OVERHEAD TELEPHONE	—
BURIED FIBER OPTICS	—
OVERHEAD FIBER OPTICS	—
WATER LINE	—
STORM SEWER	—
SANITARY SEWER	—
DRAINAGE	—
UNDERDRAINS	—
UTILITY ATTACHED TO STRUCTURE	—
TELEPHONE ATTACHED TO STRUCTURE	—
POWER ATTACHED TO STRUCTURE	—
WATER ATTACHED TO STRUCTURE	—
J. BOX TYPE 1	—
J. BOX TYPE 2	—
J. BOX TYPE 3	—
UTILITY VAULT	—
GAS VALVE	—
GATE VALVE (GV)	—
WATER METER	—
THRUST BLOCK	—

T.25N. R.5E. W.M.



**GENERAL NOTES:**

1. AS-BUILT DRAWINGS OF UTILITIES IN NE 8th INSTALLED AS PART OF BELLEVUE DIRECT ACCESS- NE 8th STREET UNDERCROSSING, CAN BE OBTAINED FROM THE WSDOT PROJECT ENGINEER'S OFFICE.



MATCH LINE GL 1+040.000, SEE SHEET EU13

0 10 20  
SCALE IN METERS

FOR "AS CONSTRUCTED  
PLANS" ONLY

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  	1 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.  EXISTING UTILITY PLAN	SHEET NO EU7
ENTERED BY A. BYERS	12/02			10	WASH					SHEET 100 OF 1152 SHEETS
CHECKED BY R LEIMKUEHLER	12/02			JOB NUMBER						
PROJ. ENGR. D. CIERI	12/02			02A012						
REGIONAL ADM. D. DYE	12/02			CONTRACT NO.						
	DATE	DATE	REVISION	BY						



T.25N. R.5E. W.M.

MATCH LINE LL 8+100.000, SEE SHEET EU9

MATCH LINE LL 7+900.000, SEE SHEET EU7

0 10 20  
SCALE IN METERS

LEGEND

UTILITY	EXISTING
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	⊙
CATCH BASIN	⊙
HYDRANT	⊙
UTILITY POLE	⊙
GUY WIRE	→
UTILITY	— U — U —
COMMUNICATIONS	— C — C —
GAS LINE	— G — G —
BURIED POWER	— BP — BP —
OVERHEAD POWER	— OP — OP —
BURIED TELEPHONE	— BT — BT —
BURIED TELEVISION	— BTv — BTv —
OVERHEAD TELEPHONE	— OT — OT —
BURIED FIBER OPTICS	— BF — BF —
OVERHEAD FIBER OPTICS	— OF — OF —
WATER LINE	— W — W —
STORM SEWER	— ST — ST —
SANITARY SEWER	— S — S —
DRAINAGE	— D — D —
UNDERDRAINS	— UD — UD —
UTILITY ATTACHED TO STRUCTURE	— U(S) — U(S) —
TELEPHONE ATTACHED TO STRUCTURE	— T(S) — T(S) —
POWER ATTACHED TO STRUCTURE	— P(S) — P(S) —
WATER ATTACHED TO STRUCTURE	— W(S) — W(S) —
J. BOX TYPE 1	⊙
J. BOX TYPE 2	⊙
J. BOX TYPE 3	⊙
UTILITY VAULT	⊙
GAS VALVE	⊙
GATE VALVE (GV)	⊙
WATER METER	⊙
THRUST BLOCK	⊙

FOR "AS CONSTRUCTED  
PLANS" ONLY

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	REVISION	BY
P. SLOAN	12/02		
A. BYERS	12/02		
R. LEIMKUHLER	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER	CONTRACT NO.
02A012	

ENVIRONMENTAL AND ENGINEERING  
SERVICE CENTER

Washington State  
Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

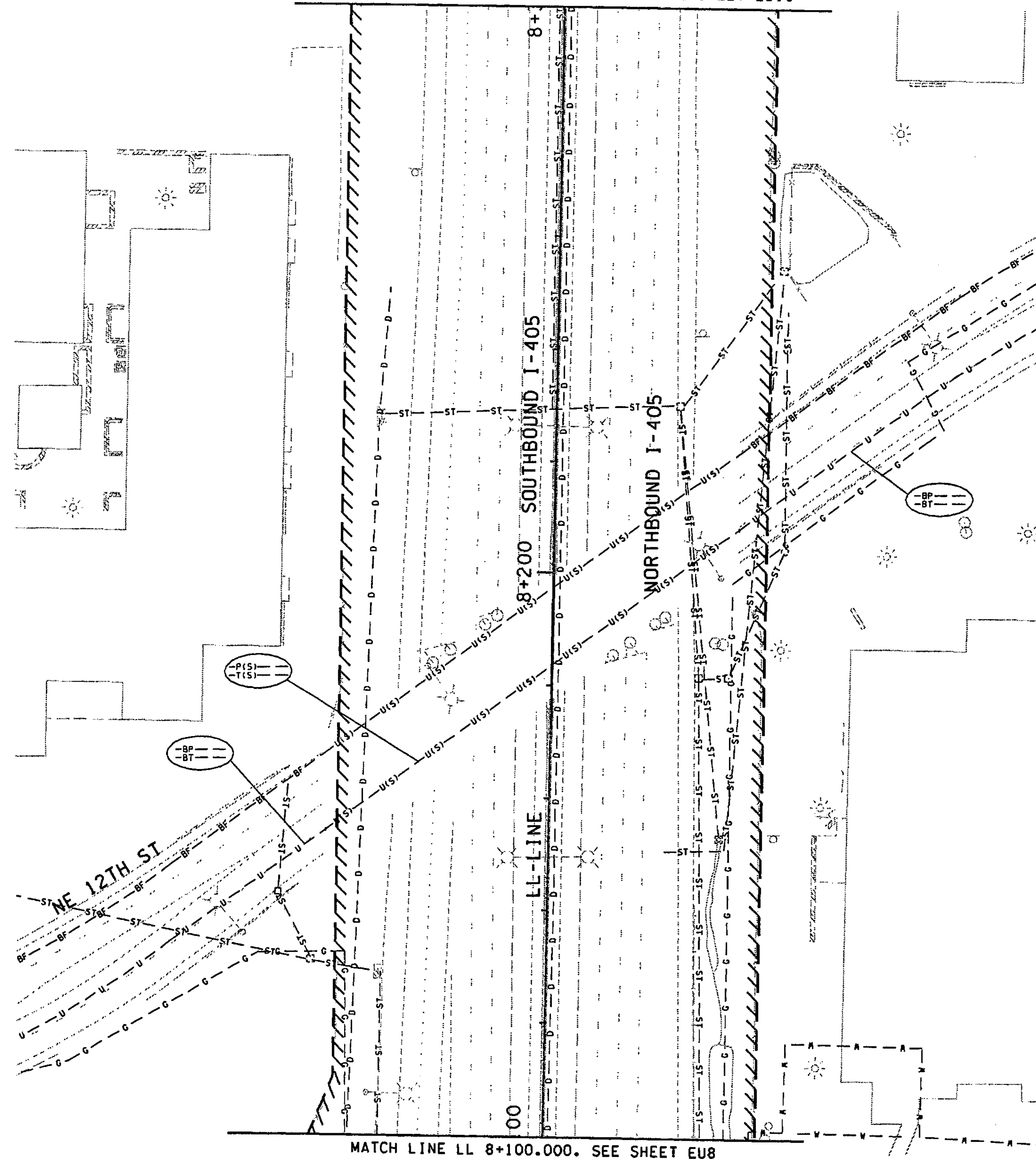
EXISTING UTILITY PLAN

SHEET NO. EU8  
101 OF 152 SHEETS

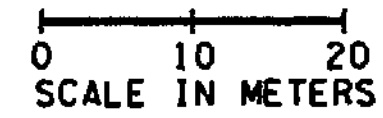
A100B 11/26/2002 10:14:57 AM PLOT10 D:\pwt\emp\dms\00580\EU008\_C2.DGN

T.25N. R.5E. W.M.

MATCH LINE LL 8+300.000. SEE SHEET EU10



MATCH LINE LL 8+100.000. SEE SHEET EU8



FOR "AS CONSTRUCTED PLANS" ONLY

D:\pwt\temp\dms00580\EU009\_C2.DGN  
PLOT11  
11/26/2002 10:15:01 AM  
AlignB

**LEGEND**

UTILITY	EXISTING
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	⊙
CATCH BASIN	⊙
HYDRANT	⊙
UTILITY POLE	⊙
GUY WIRE	—
UTILITY	—
COMMUNICATIONS	—
GAS LINE	—
BURIED POWER	—
OVERHEAD POWER	—
BURIED TELEPHONE	—
BURIED TELEVISION	—
OVERHEAD TELEPHONE	—
BURIED FIBER OPTICS	—
OVERHEAD FIBER OPTICS	—
WATER LINE	—
STORM SEWER	—
SANITARY SEWER	—
DRAINAGE	—
UNDERDRAINS	—
UTILITY ATTACHED TO STRUCTURE	—
TELEPHONE ATTACHED TO STRUCTURE	—
POWER ATTACHED TO STRUCTURE	—
WATER ATTACHED TO STRUCTURE	—
J. BOX TYPE 1	⊙
J. BOX TYPE 2	⊙
J. BOX TYPE 3	⊙
UTILITY VAULT	⊙
GAS VALVE	⊙
GATE VALVE (GV)	⊙
WATER METER	⊙
THRUST BLOCK	⊙

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02			REGION NO. 10	STATE WASH	FED. AID PROJ. NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  11/26/02		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. EU9
ENTERED BY A. BYERS	12/02			JOB NUMBER 02A012			SHEET 102 OF 1152 SHEETS					
CHECKED BY R LEIMKUHLER	12/02			CONTRACT NO.								
PROJ. ENGR. D. CIERI	12/02											
REGIONAL ADM. D. DYE	12/02									EXISTING UTILITY PLAN		



T.25N. R.5E. W.M.

MATCH LINE BAN 101+620.000, SEE SHEET EU11



D:\pwt\temp\dms00580\EU010\_C2.DGN

PLOT12

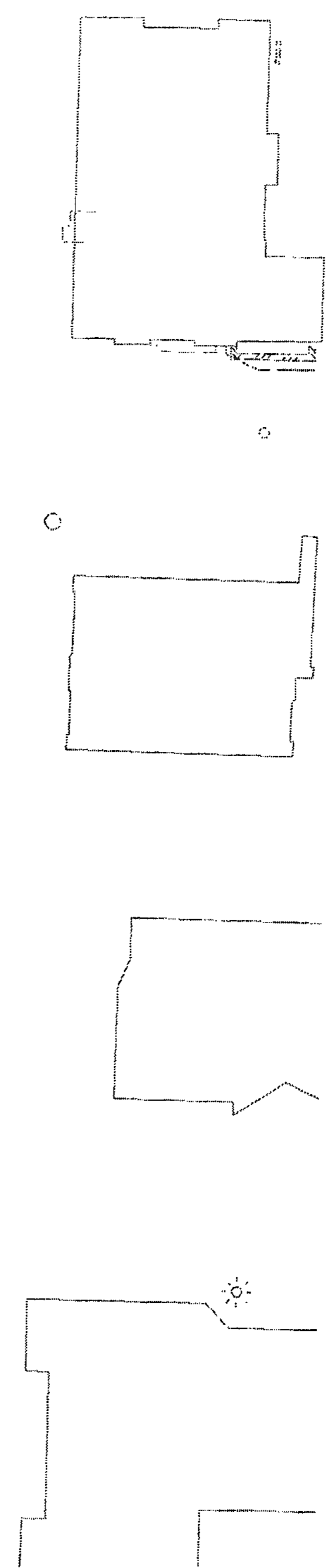
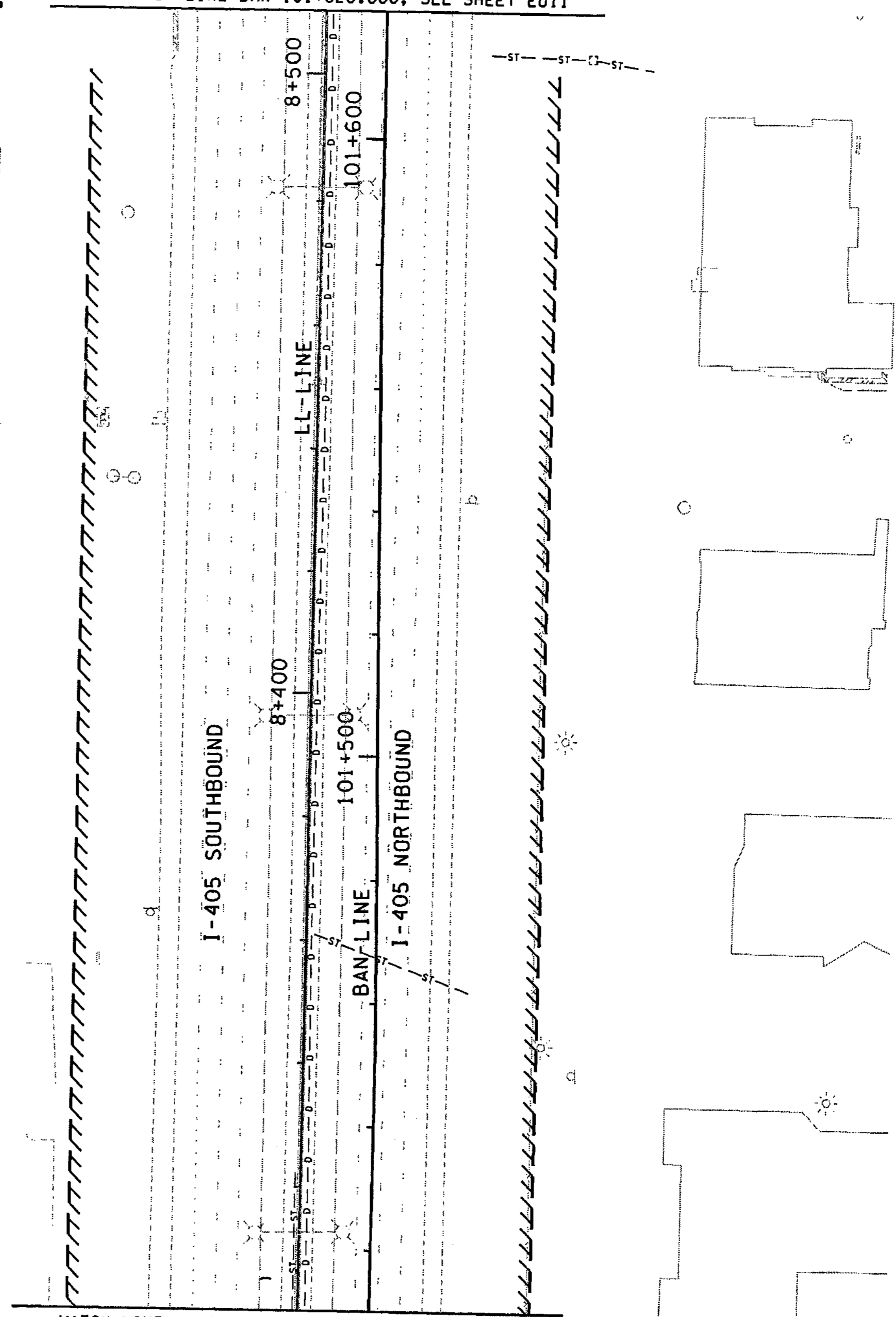
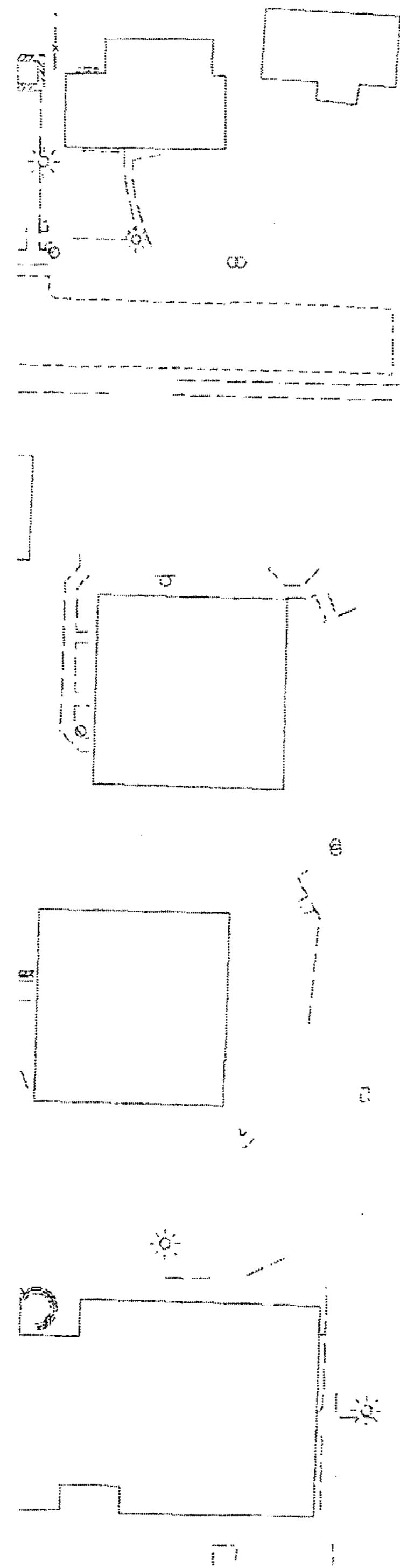
10:15:04 AM

11/26/2002

ALONB

**LEGEND**

<b>UTILITY</b>	<b>EXISTING</b>
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	
CATCH BASIN	
HYDRANT	
UTILITY POLE	
GUY WIRE	
UTILITY COMMUNICATIONS	
GAS LINE	
BURIED POWER	
OVERHEAD POWER	
BURIED TELEPHONE	
BURIED TELEVISION	
OVERHEAD TELEPHONE	
BURIED FIBER OPTICS	
OVERHEAD FIBER OPTICS	
WATER LINE	
STORM SEWER	
SANITARY SEWER	
DRAINAGE	
UNDERDRAINS	
UTILITY ATTACHED TO STRUCTURE	
TELEPHONE ATTACHED TO STRUCTURE	
POWER ATTACHED TO STRUCTURE	
WATER ATTACHED TO STRUCTURE	
J. BOX TYPE 1	
J. BOX TYPE 2	
J. BOX TYPE 3	
UTILITY VAULT	
GAS VALVE	
GATE VALVE (GV)	
WATER METER	
THRUST BLOCK	



MATCH LINE LL 8+300.000, SEE SHEET EU9

0 10 20  
SCALE IN METERS

FOR "AS CONSTRUCTED  
PLANS" ONLY

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02				REGION NO.	STATE	FED.AID PROJ.NO.
ENTERED BY A. BYERS	12/02				10	WASH	
CHECKED BY R LEIMKUEHLER	12/02				JOB NUMBER		
PROJ. ENGR. D. CIERI	12/02				02A012		
REGIONAL ADM. D. DYE	12/02				CONTRACT NO.		
	DATE	DATE	REVISION	BY			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*Ronald J. Leimkuhler*  
11/26/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

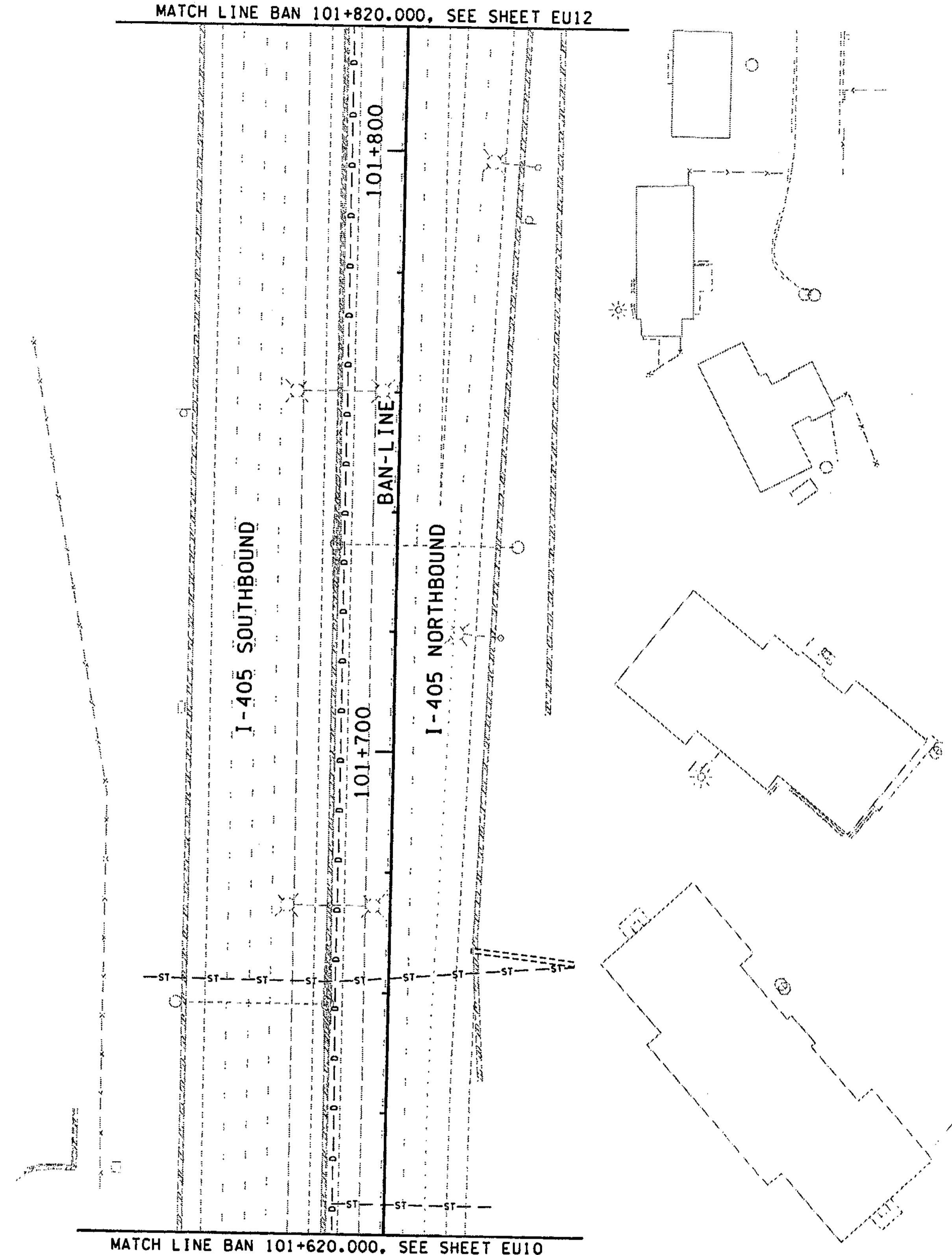
EXISTING UTILITY PLAN

SHEET NO. EU10

SHEET 103 OF 1152 SHEETS

T.25N. R.5E. W.M.

MATCH LINE BAN 101+820.000, SEE SHEET EU12



LEGEND

UTILITY	EXISTING
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	□
CATCH BASIN	□
HYDRANT	⊕
UTILITY POLE	⊕
GUY WIRE	⊕
UTILITY COMMUNICATIONS	—C—C—C—
GAS LINE	—G—G—G—
BURIED POWER	—BP—BP—BP—
OVERHEAD POWER	—OP—OP—OP—
BURIED TELEPHONE	—BT—BT—BT—
BURIED TELEVISION	—BTV—BTV—BTV—
OVERHEAD TELEPHONE	—OT—OT—OT—
BURIED FIBER OPTICS	—BF—BF—BF—
OVERHEAD FIBER OPTICS	—OF—OF—OF—
WATER LINE	—W—W—W—
STORM SEWER	—ST—ST—ST—
SANITARY SEWER	—S—S—S—
DRAINAGE	—D—D—D—
UNDERDRAINS	—UD—UD—UD—
UTILITY ATTACHED TO STRUCTURE	—U(S)—U(S)—
TELEPHONE ATTACHED TO STRUCTURE	—T(S)—T(S)—
POWER ATTACHED TO STRUCTURE	—P(S)—P(S)—
WATER ATTACHED TO STRUCTURE	—W(S)—W(S)—
J. BOX TYPE 1	⊕
J. BOX TYPE 2	⊕
J. BOX TYPE 3	⊕
UTILITY VAULT	⊕
GAS VALVE	⊕
GATE VALVE (GV)	⊕
WATER METER	⊕
THRUST BLOCK	⊕

FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02			REGION NO. 10	STATE WASH	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  11/26/02		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. EU11		
ENTERED BY A. BYERS	12/02			JOB NUMBER 02A012								EXISTING UTILITY PLAN	SHEET 104 OF 152 SHEETS
CHECKED BY R LEIMKUHLER	12/02			CONTRACT NO.									
PROJ. ENGR. D. CIERI	12/02												
REGIONAL ADM. D. DYE	12/02												
DATE	DATE	REVISION	BY										



T.25N. R.5E. W.M.



D:\pwrtemp\dms00580\EU012\_C2.DGN

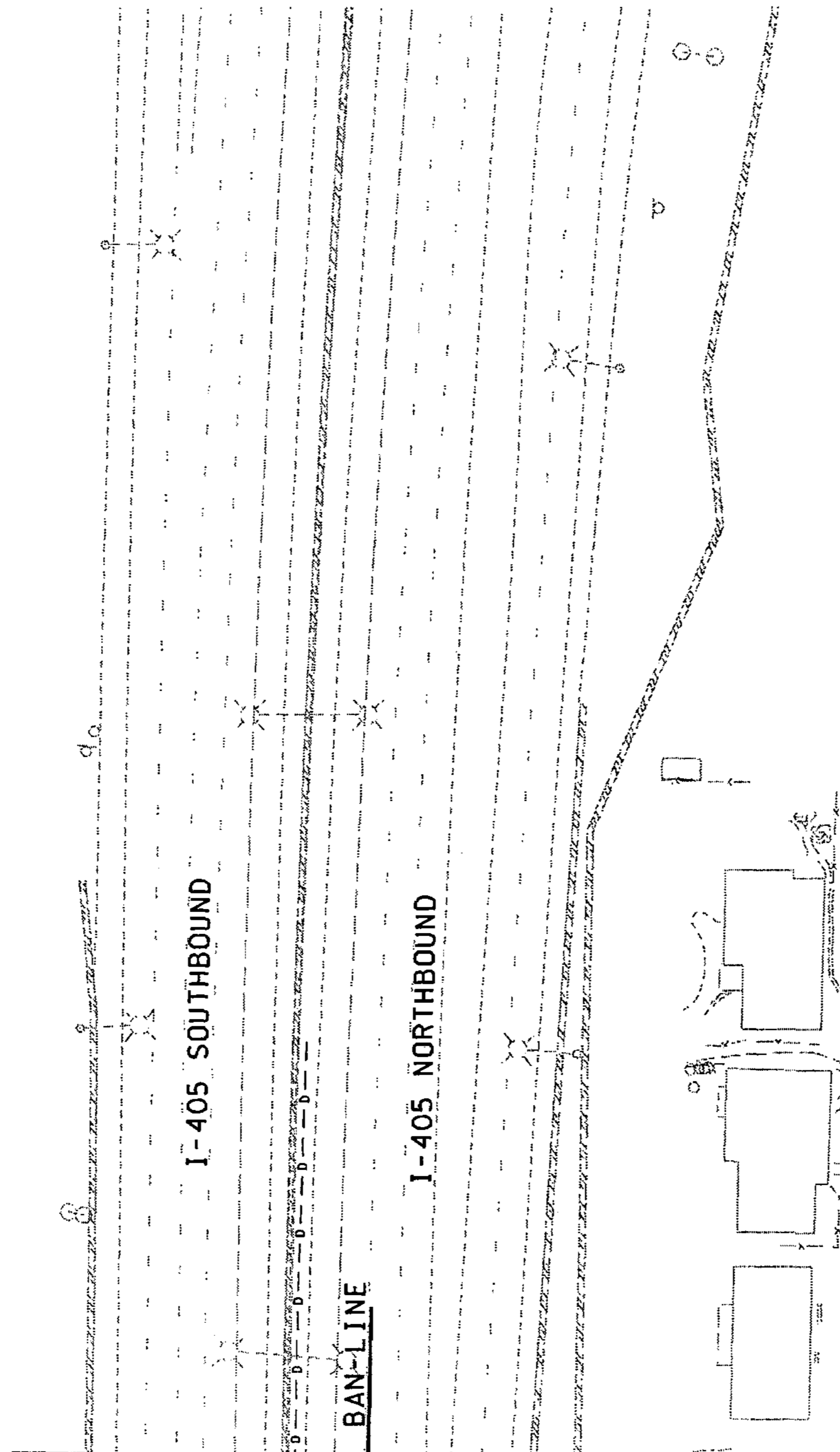
PLOT14

11/26/2002 10:15:11 AM

AlonB

**LEGEND**

UTILITY	EXISTING
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	○
CATCH BASIN	⊕
HYDRANT	⊕
UTILITY POLE	⊕
GUY WIRE	—
UTILITY	— U —
COMMUNICATIONS	— C —
GAS LINE	— G —
BURIED POWER	— BP —
OVERHEAD POWER	— OP —
BURIED TELEPHONE	— BT —
BURIED TELEVISION	— BTV —
OVERHEAD TELEPHONE	— OT —
BURIED FIBER OPTICS	— BF —
OVERHEAD FIBER OPTICS	— OF —
WATER LINE	— W —
STORM SEWER	— ST —
SANITARY SEWER	— S —
DRAINAGE	— D —
UNDERDRAINS	— UD —
UTILITY ATTACHED TO STRUCTURE	— U(S) —
TELEPHONE ATTACHED TO STRUCTURE	— T(S) —
POWER ATTACHED TO STRUCTURE	— P(S) —
WATER ATTACHED TO STRUCTURE	— W(S) —
J. BOX TYPE 1	⊕
J. BOX TYPE 2	⊕
J. BOX TYPE 3	⊕
UTILITY VAULT	⊕
GAS VALVE	⊕
GATE VALVE (GV)	⊕
WATER METER	⊕
THRUST BLOCK	⊕



MATCH LINE BAN 101+820.000, SEE SHEET EU11

0 10 20  
SCALE IN METERS

FOR "AS CONSTRUCTED  
PLANS" ONLY

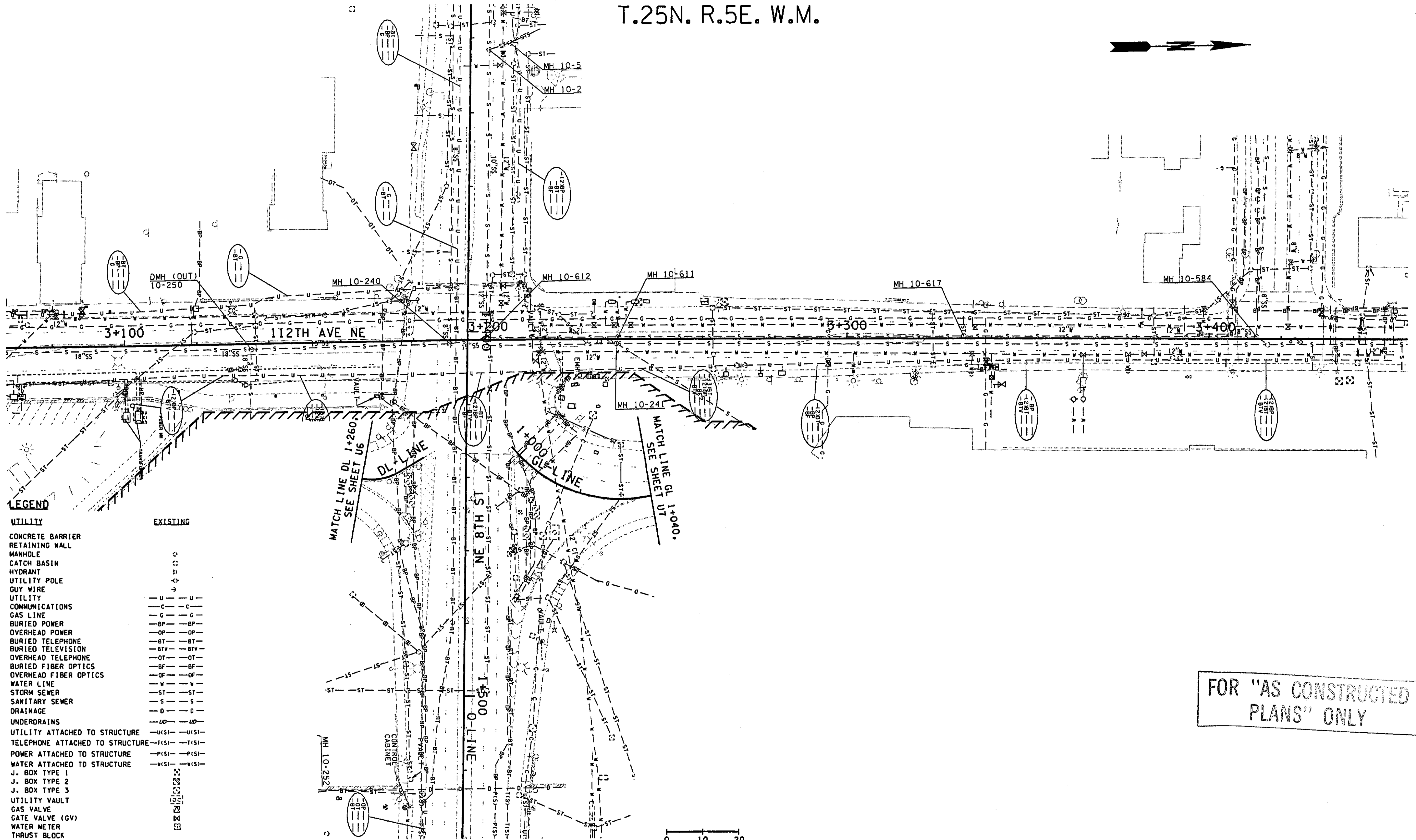
ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. EU12
ENTERED BY A. BYERS	12/02	JOB NUMBER	02A012								SHEET 105 OF 1152 SHEETS
CHECKED BY R LEIMKUHLER	12/02	CONTRACT NO.									EXISTING UTILITY PLAN
PROJ. ENGR. D. CIERI	12/02										
REGIONAL ADM. D. DYE	12/02	DATE		DATE		REVISION	BY				

T.25N. R.5E. W.M.



D:\pwt\emp\dms00580\EU013\_C2.DGN  
 PLOT15  
 11/26/2002 10:15:16 AM  
 A1.cmb



**LEGEND**

UTILITY	EXISTING
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	⊙
CATCH BASIN	⊙
HYDRANT	⊙
UTILITY POLE	⊙
CUY WIRE	⊙
UTILITY COMMUNICATIONS	— U —
GAS LINE	— C —
BURIED POWER	— BP —
OVERHEAD POWER	— OP —
BURIED TELEPHONE	— BT —
BURIED TELEVISION	— BTv —
OVERHEAD TELEPHONE	— OT —
BURIED FIBER OPTICS	— BF —
OVERHEAD FIBER OPTICS	— OF —
WATER LINE	— W —
STORM SEWER	— ST —
SANITARY SEWER	— S —
DRAINAGE	— D —
UNDERDRAINS	— UD —
UTILITY ATTACHED TO STRUCTURE	— U(S) —
TELEPHONE ATTACHED TO STRUCTURE	— T(S) —
POWER ATTACHED TO STRUCTURE	— P(S) —
WATER ATTACHED TO STRUCTURE	— W(S) —
J. BOX TYPE 1	⊙
J. BOX TYPE 2	⊙
J. BOX TYPE 3	⊙
UTILITY VAULT	⊙
GAS VALVE	⊙
GATE VALVE (GV)	⊙
WATER METER	⊙
THRUST BLOCK	⊙

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	12/02	DATE	REVISION	BY
P. SLOAN				
ENTERED BY	12/02			
A. BYERS				
CHECKED BY	12/02			
R. LEIMKUEHLER				
PROJ. ENGR.	12/02			
D. CIERI				
REGIONAL ADM.	12/02			
D. DYE				

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*R. Leimkuhler*  
11/26/02

Washington State Department of Transportation

HDR ENGINEERING INC.

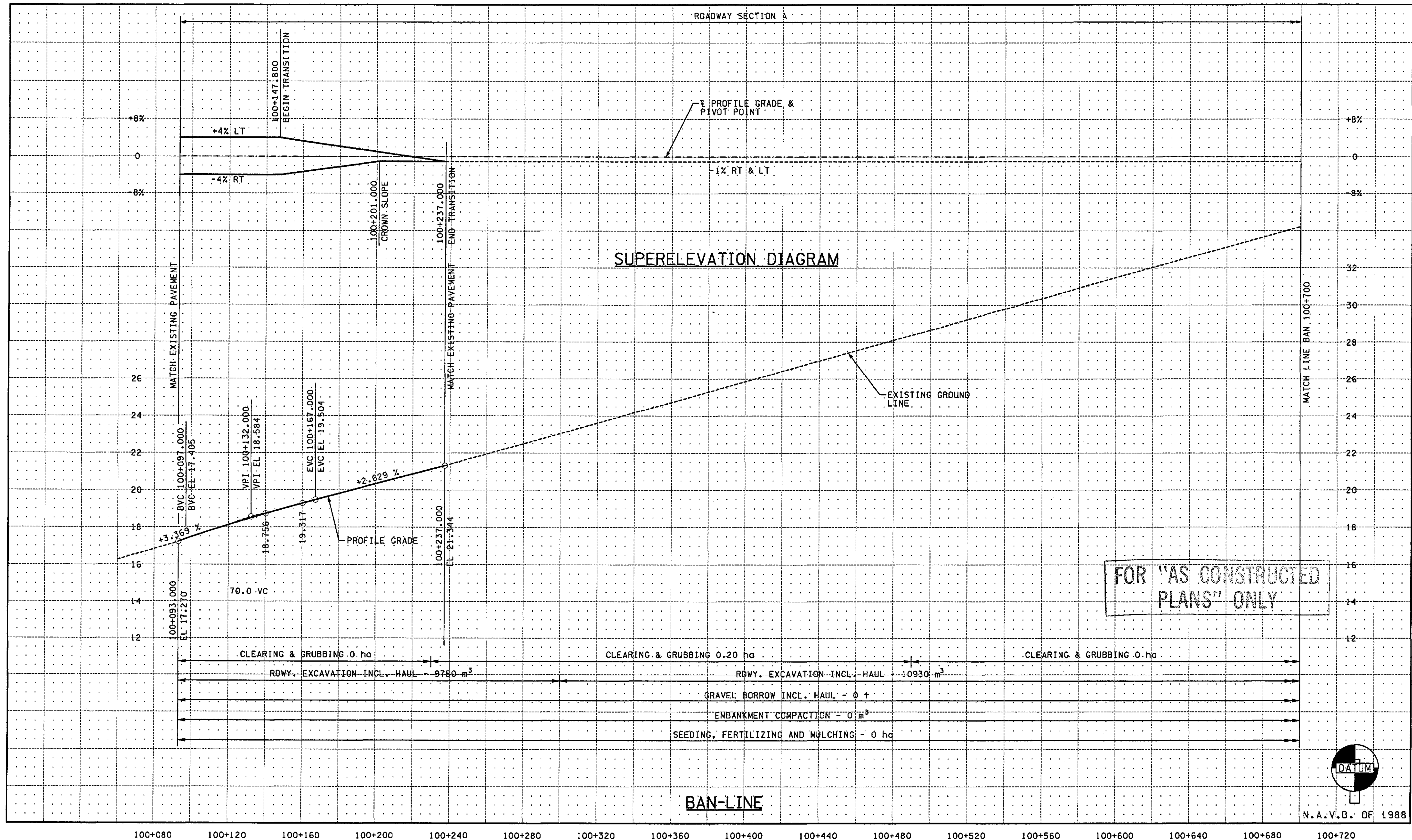
kpff Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

EXISTING UTILITY PLAN

SHEET NO. EU13  
SHEET 106 OF 152 SHEETS





ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	REVISION	BY
JRS	12/02		
ENTERED BY	12/02		
MJB			
CHECKED BY	12/02		
GBW			
PROJ. ENGR.	12/02		
D. CIERI			
REGIONAL ADM.	12/02		
D. DYE			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		02A012
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

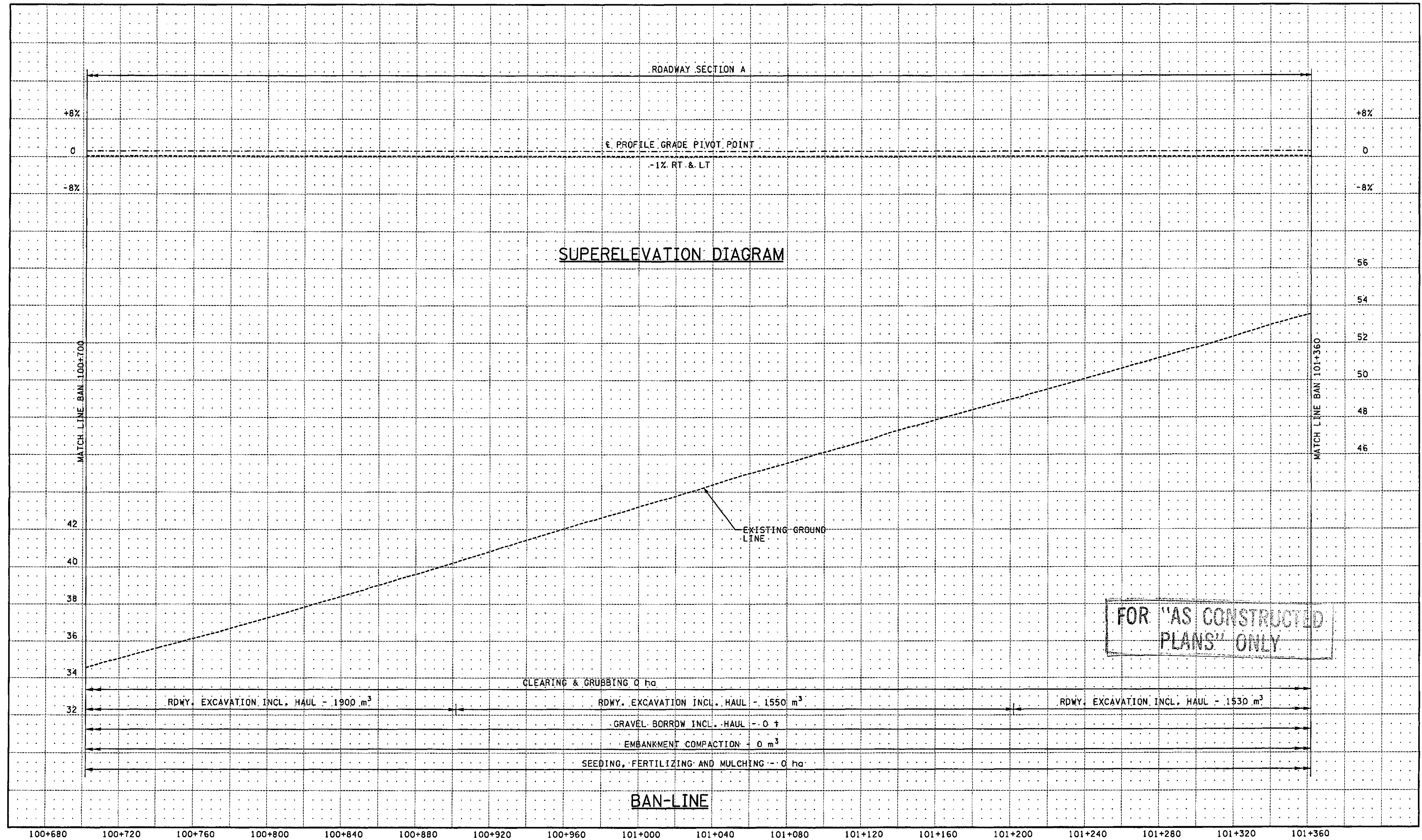
HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP1

107 OF 1152 SHEETS



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

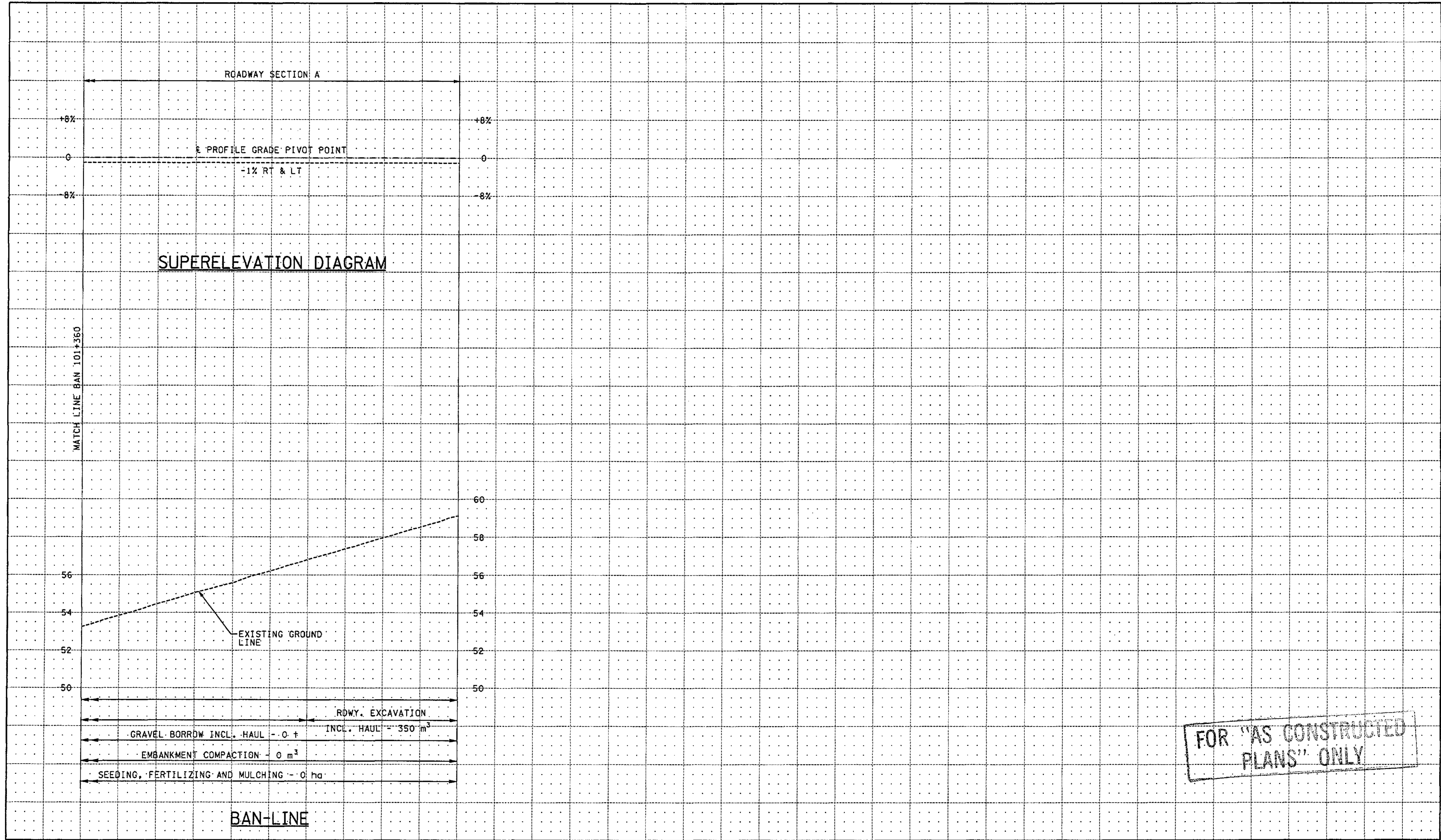
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP2

108 OF 152 SHEETS





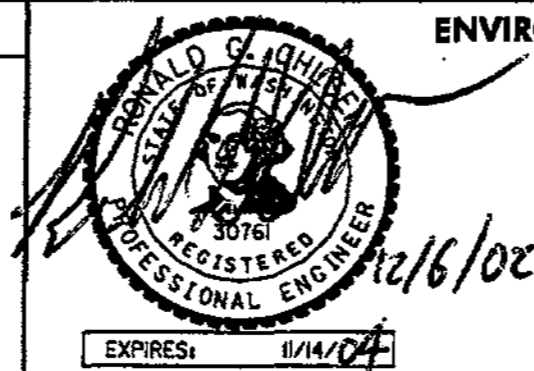
FOR "AS CONSTRUCTED  
PLANS" ONLY

101+360 101+400 101+440 101+480 101+520 101+580 101+800

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		



ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

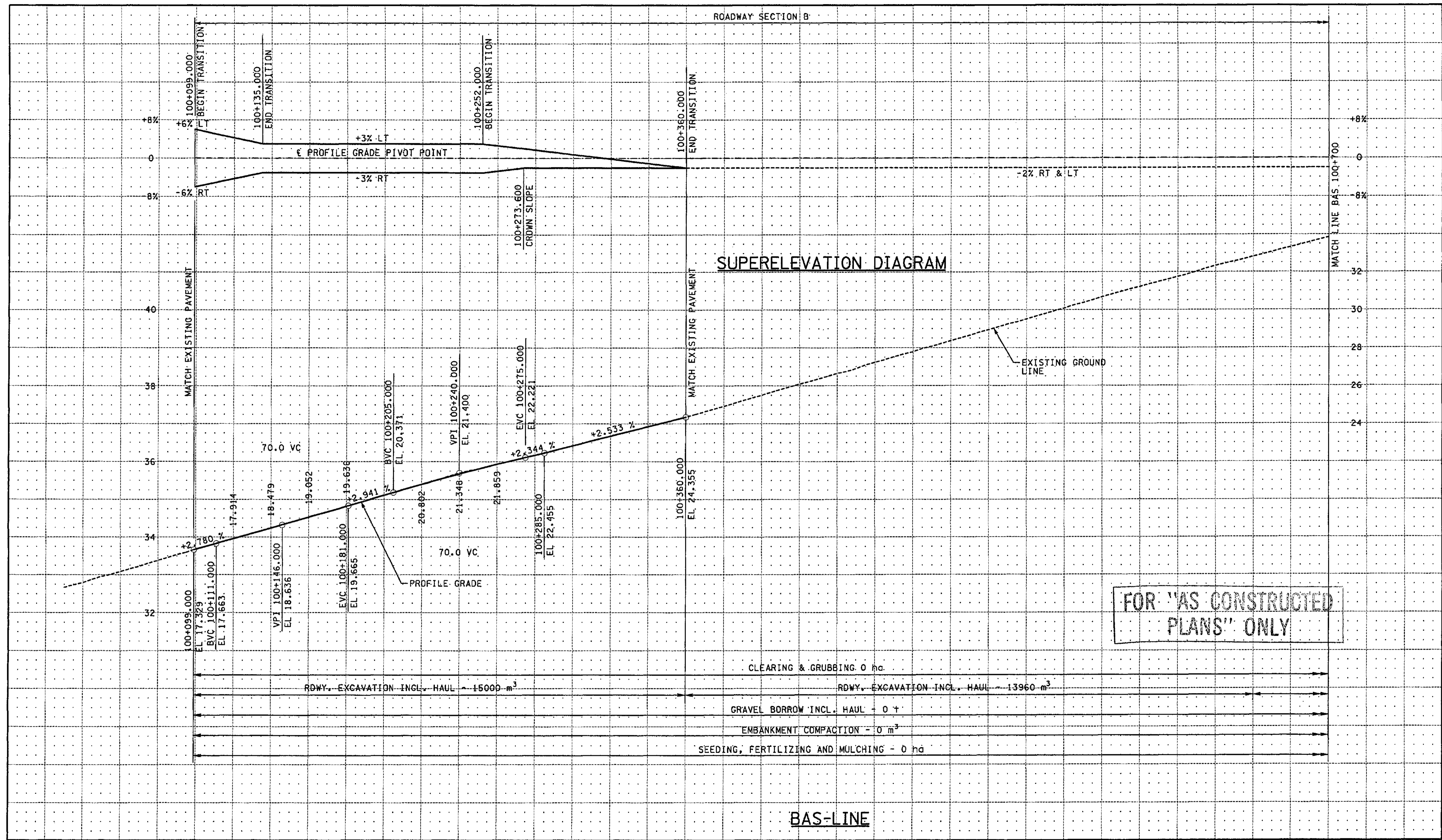


I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP3

SHEET 109 OF 1152 SHEETS



100+080 100+120 100+160 100+200 100+240 100+280 100+320 100+360 100+400 100+440 100+480 100+520 100+560 100+600 100+640 100+680

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02
ENTERED BY	MJB	12/02
CHECKED BY	GBW	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION
BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/1/02

Washington State Department of Transportation

HDR ENGINEERING INC.

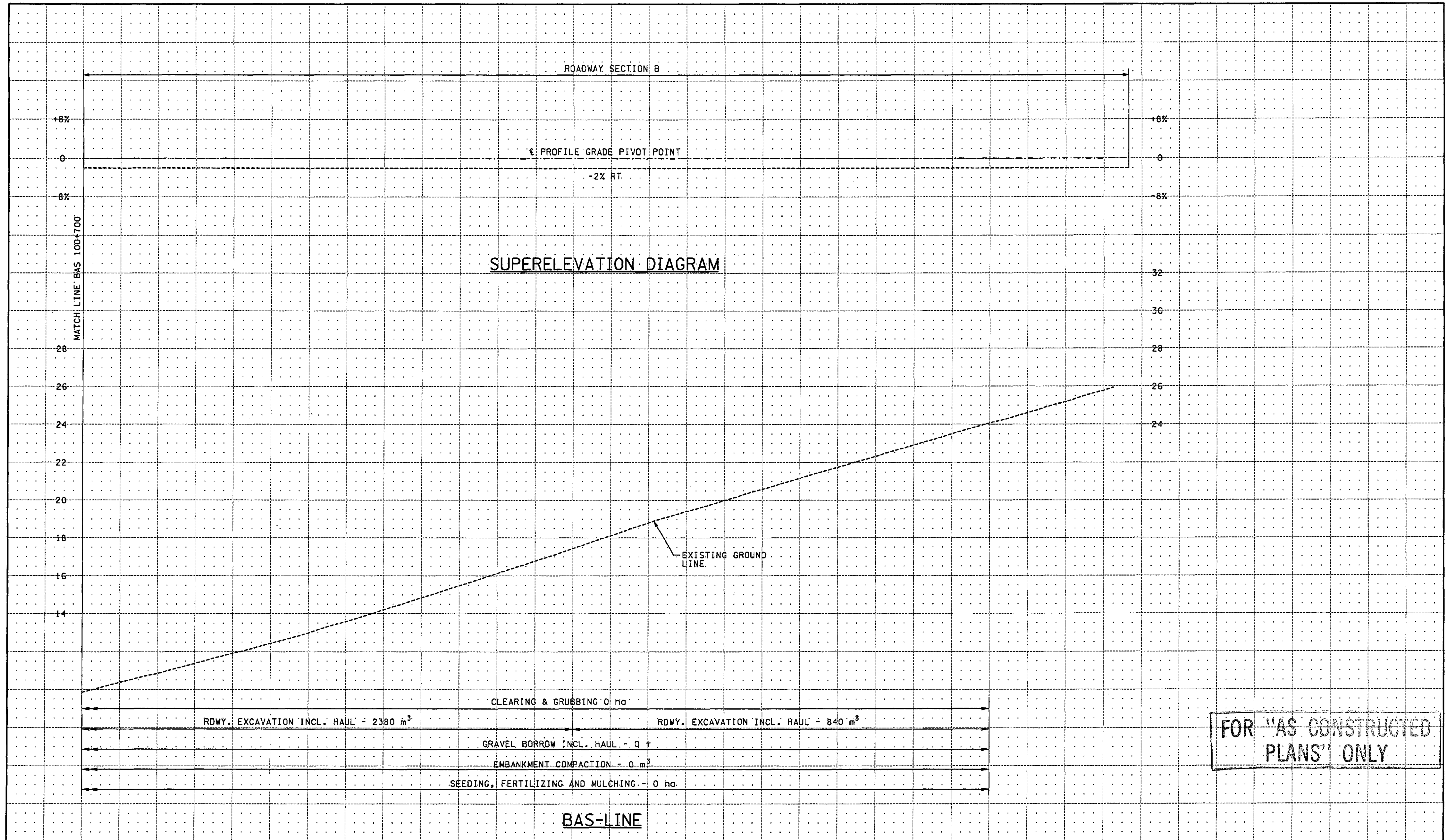
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO  
RP4

SHEET  
110  
OF  
1152  
SHEETS





FOR "AS CONSTRUCTED PLANS" ONLY

100+720 100+760 100+800 100+840 100+880 100+920 100+960 101+000 101+040 101+080 101+120 101+160 101+200 101+240

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

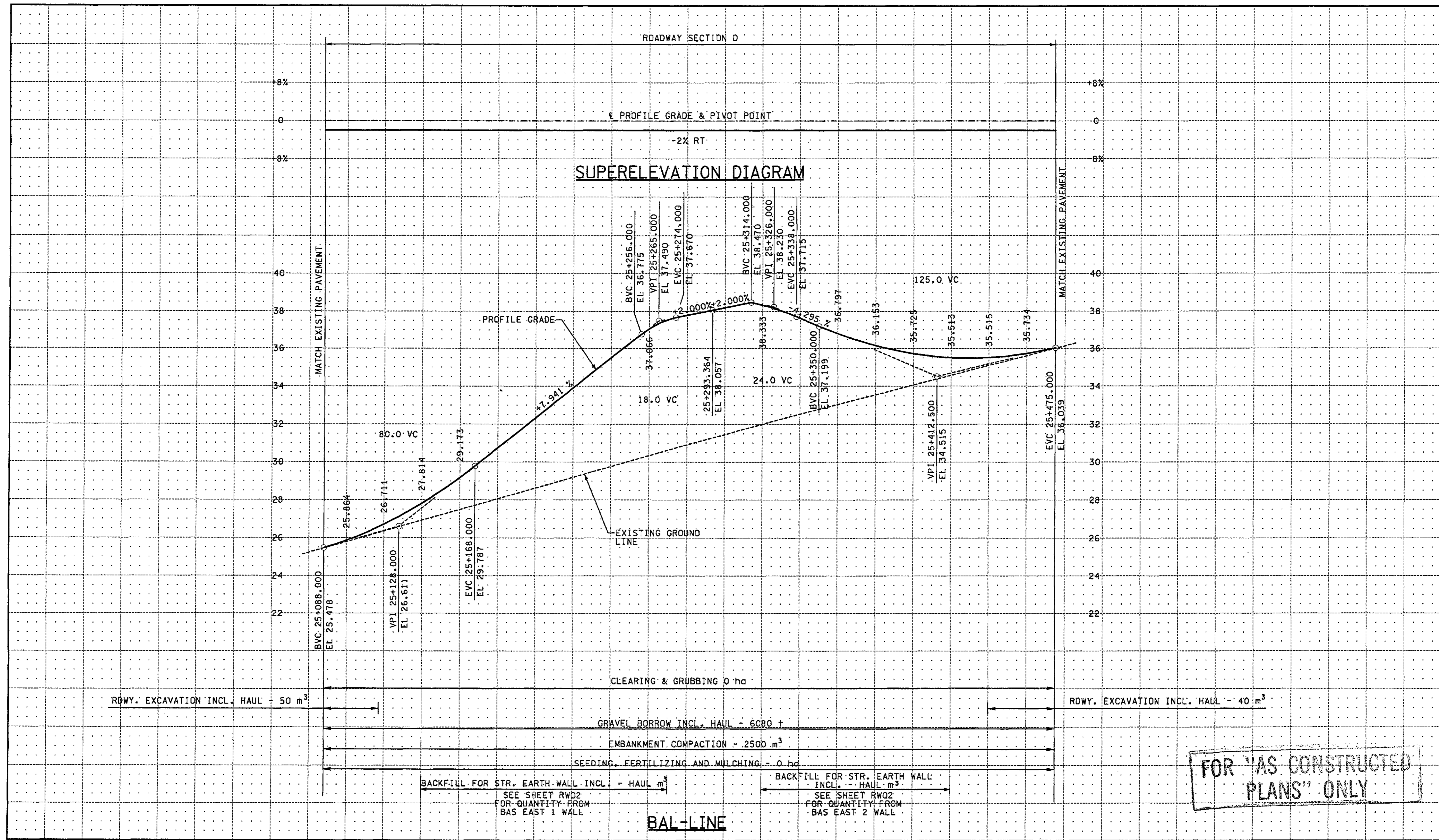
Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP5  
111 OF 112 SHEETS



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02		
ENTERED BY	MJB	12/02		
CHECKED BY	GBW	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

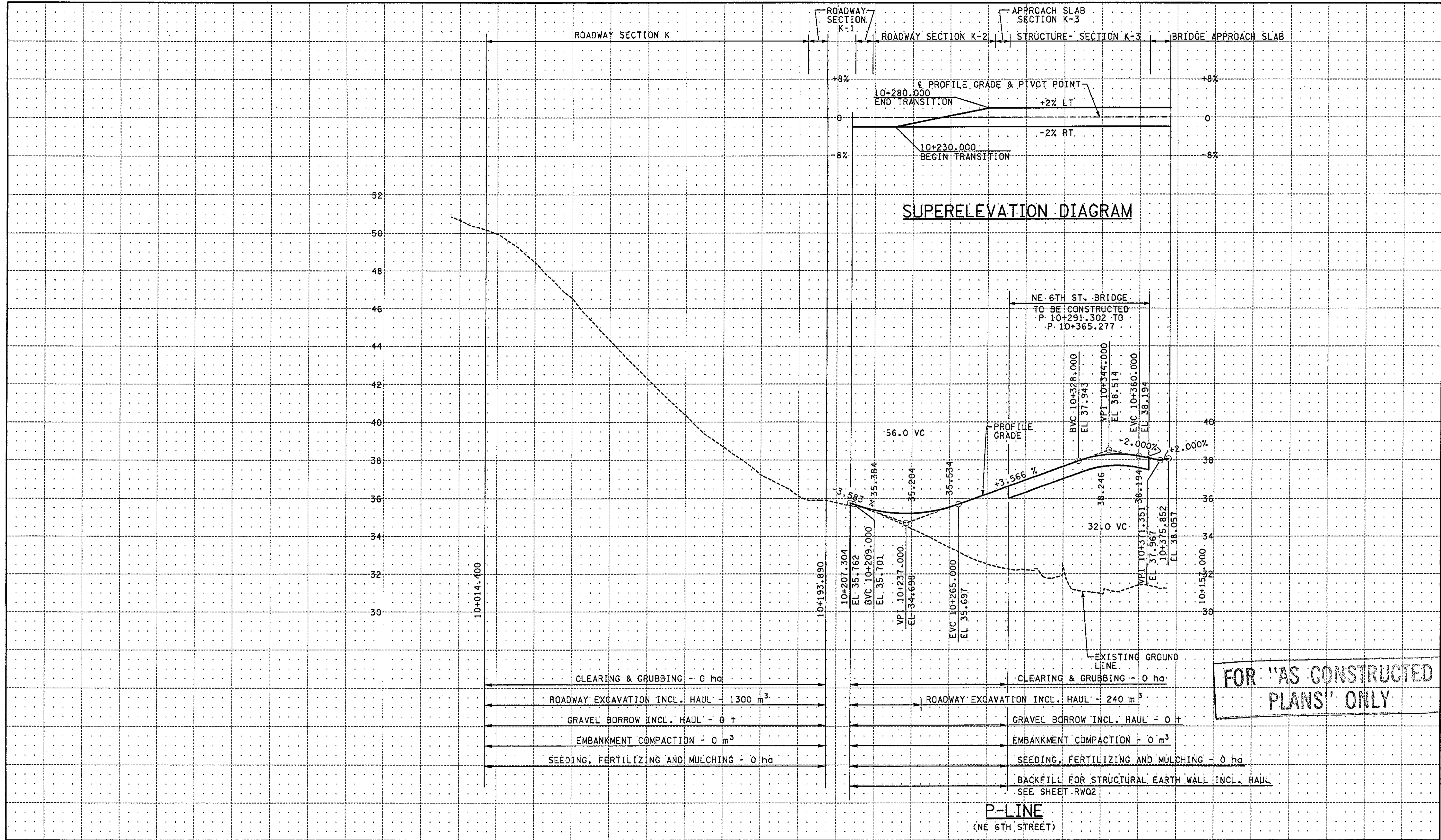
PROFILE

SHEET NO  
 RP6

SHEET OF SHEETS  
 112 OF 1152







10+000 10+040 10+080 10+120 10+160 10+200 10+240 10+280 10+320 10+360 10+400

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Professional Engineer Seal: *12/17/02*

Professional Engineer Seal: *11/27/02*

Washington State Department of Transportation

HDR ENGINEERING INC.

Harding ESE A MACTEC COMPANY

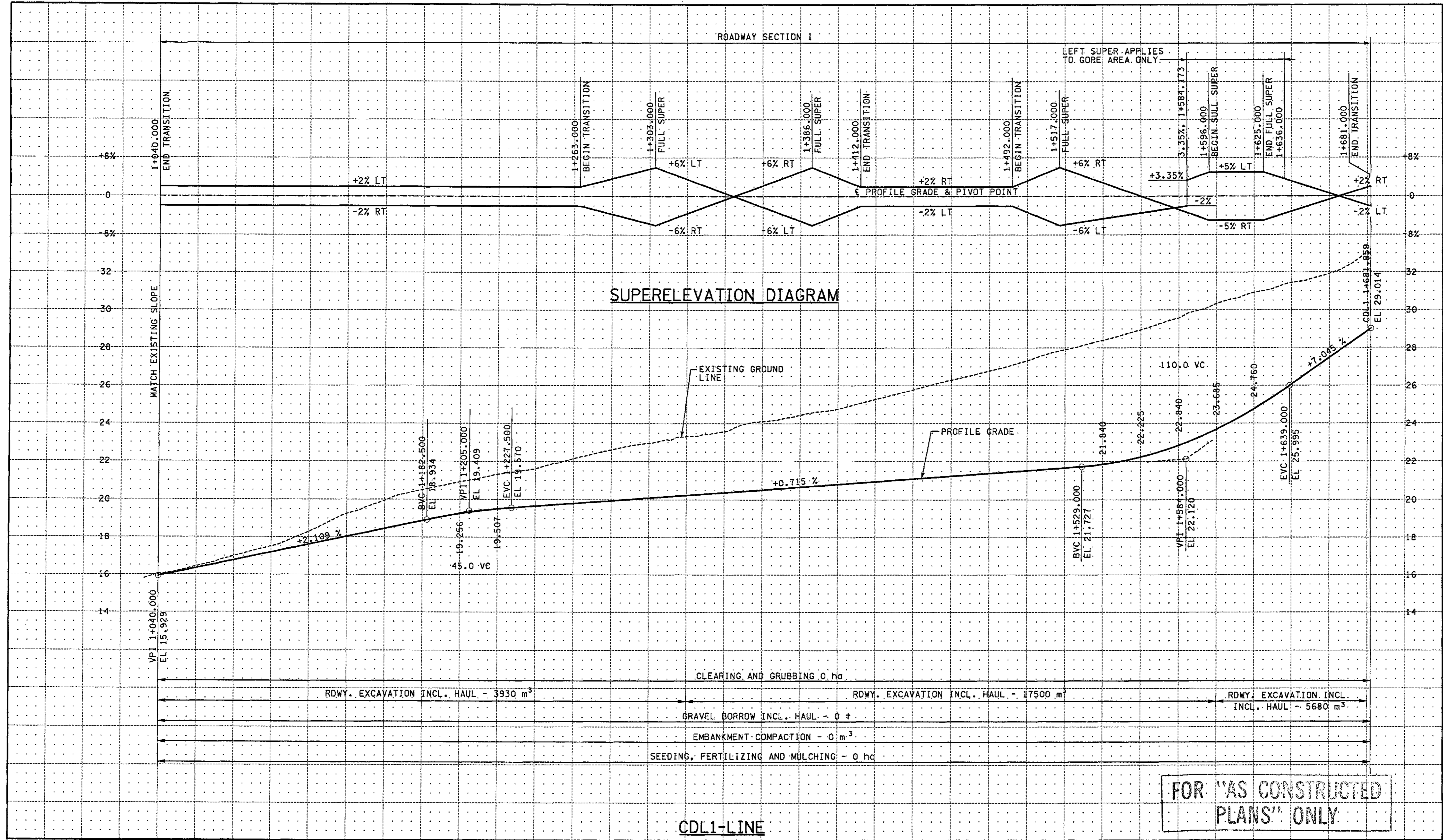
I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP8

SHEET 114 OF 1152 SHEETS





RDWY. EXCAVATION INCL. HAUL - 3930 m <sup>3</sup>	CLEARING AND GRUBBING - 0 ha	RDWY. EXCAVATION INCL. HAUL - 17500 m <sup>3</sup>
	GRAVEL BORROW INCL. HAUL - 0 +	RDWY. EXCAVATION INCL. HAUL - 5680 m <sup>3</sup>
	EMBANKMENT COMPACTION - 0 m <sup>3</sup>	
	SEEDING, FERTILIZING AND MULCHING - 0 ha	

**FOR "AS CONSTRUCTED PLANS" ONLY**

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02
ENTERED BY	MJB	12/02
CHECKED BY	GBW	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

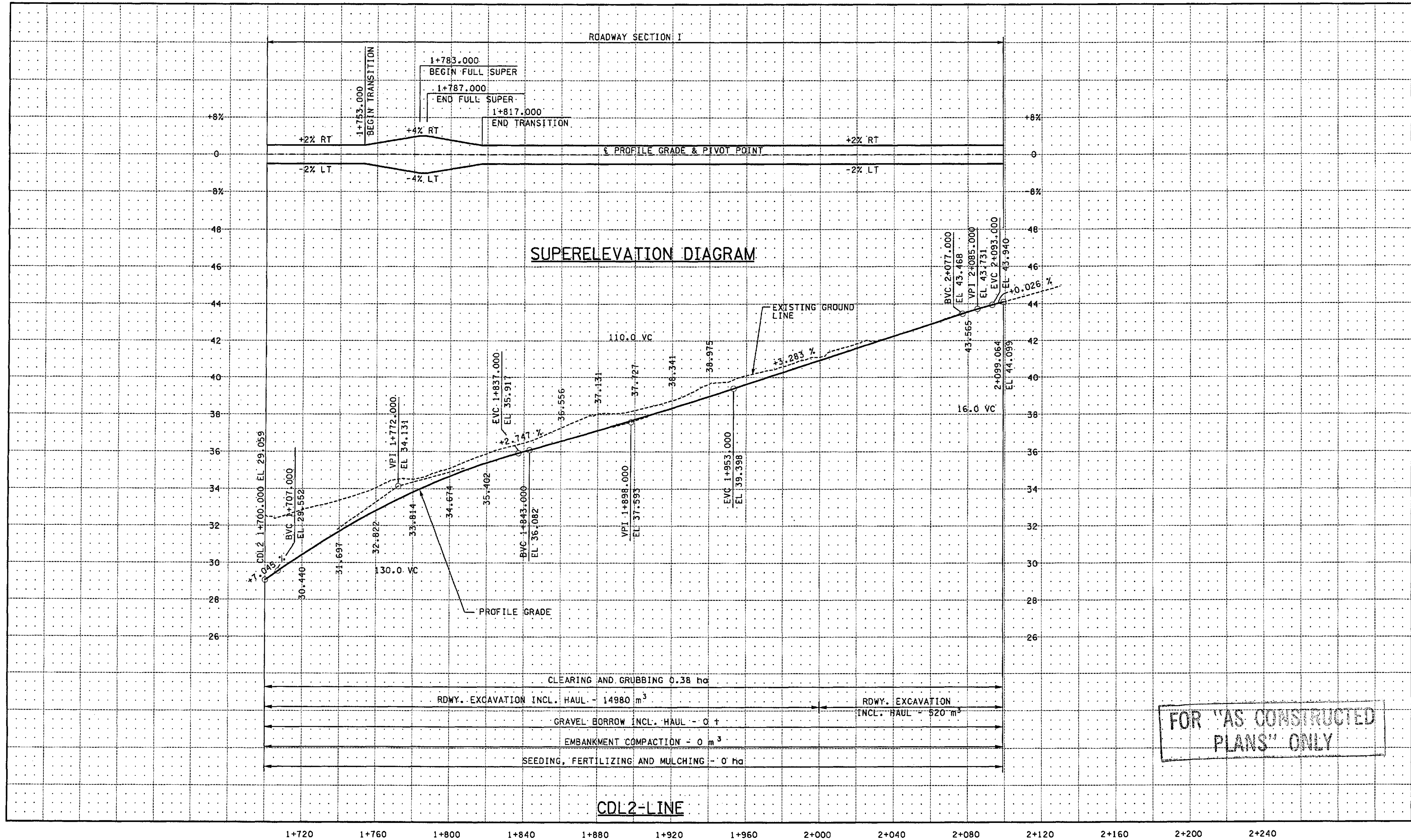
Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP9

115 OF 1152 SHEETS



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.	
ENTERED BY	MJB	12/02	JOB NUMBER	02A012				
CHECKED BY	GBW	12/02	CONTRACT NO.					
PROJ. ENGR.	D. CIERI	12/02						
REGIONAL ADM.	D. DYE	12/02						
DATE	DATE	REVISION	BY					

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

HDR ENGINEERING INC.

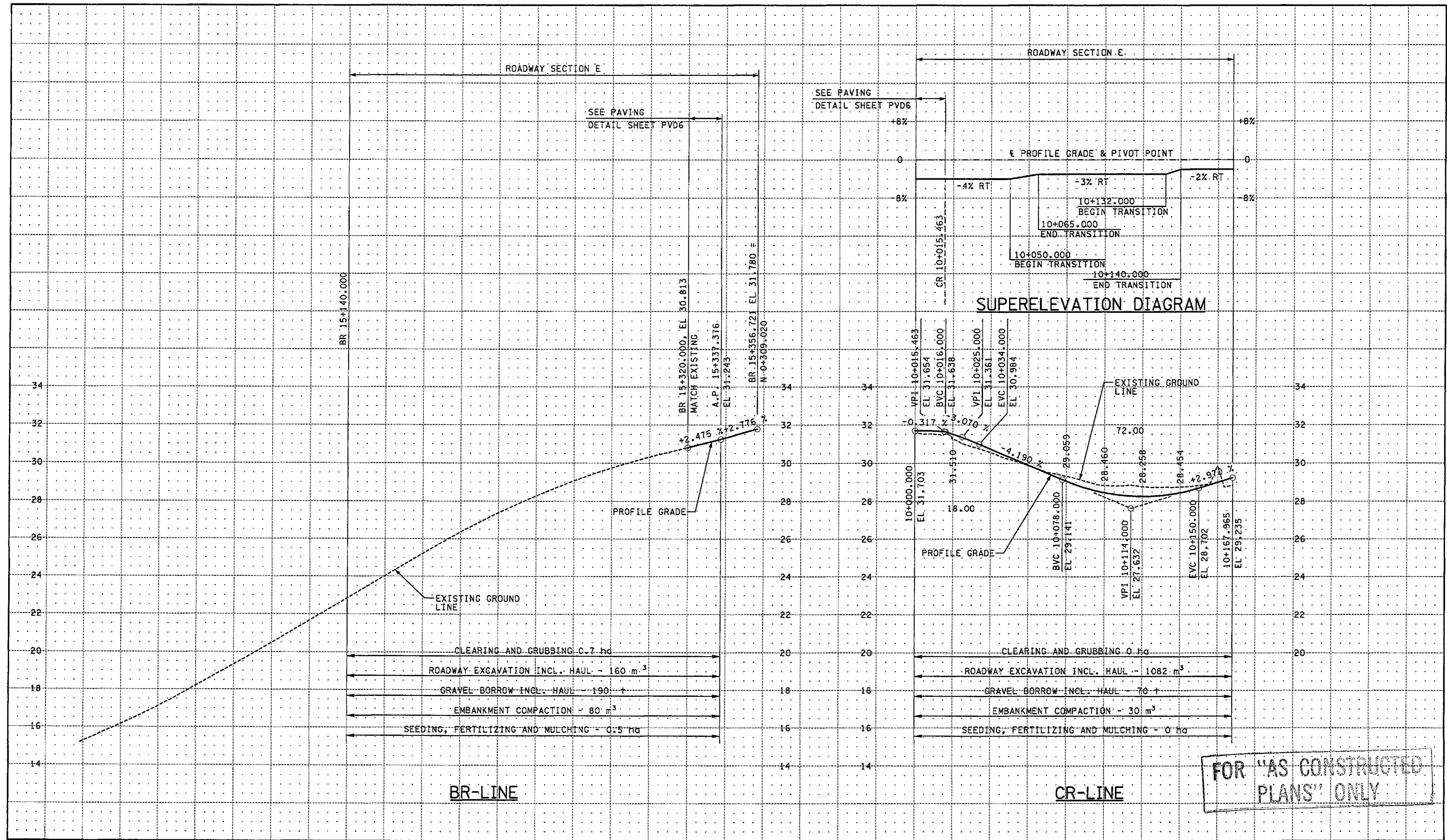
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO  
RP10

116 OF 152 SHEETS





FOR "AS CONSTRUCTED PLANS" ONLY

15+000 15+040 15+080 15+120 15+160 15+200 15+240 15+280 15+320 15+360 10+000 10+040 10+080 10+120 10+160

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02		
ENTERED BY	MJB	12/02		
CHECKED BY	GBW	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

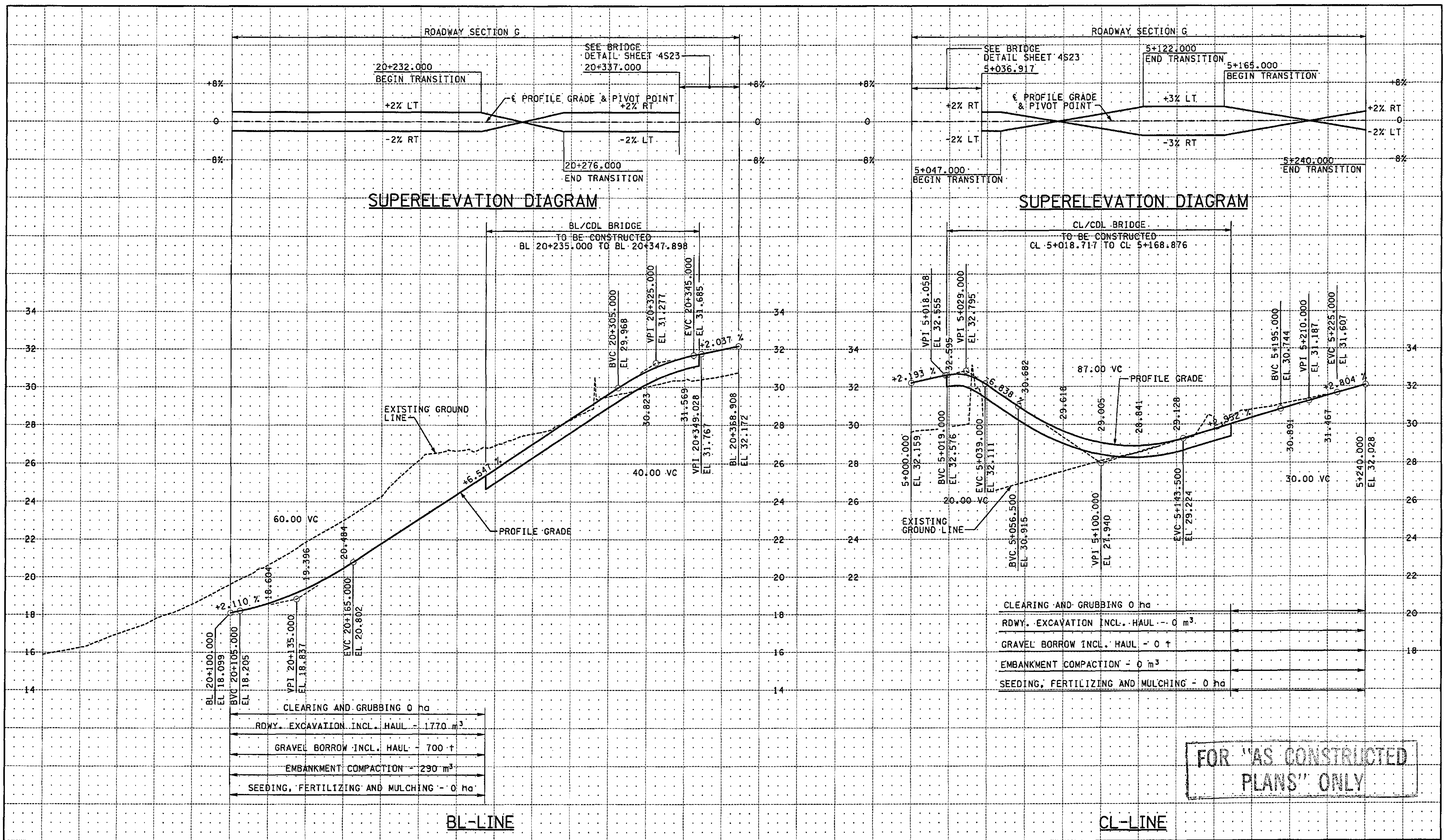
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO  
RP11

SHEET  
117  
152  
SHEETS



20+000 20+040 20+080 20+120 20+160 20+200 20+240 20+280 20+320 20+360 20+400 5+000 5+040 5+080 5+120 5+160 5+200

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02		
ENTERED BY	MJB	12/02		
CHECKED BY	GBW	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

DAVID D. DYE  
PROFESSIONAL ENGINEER  
EXPIRES 11/11/04

Washington State Department of Transportation

HR ENGINEERING INC.

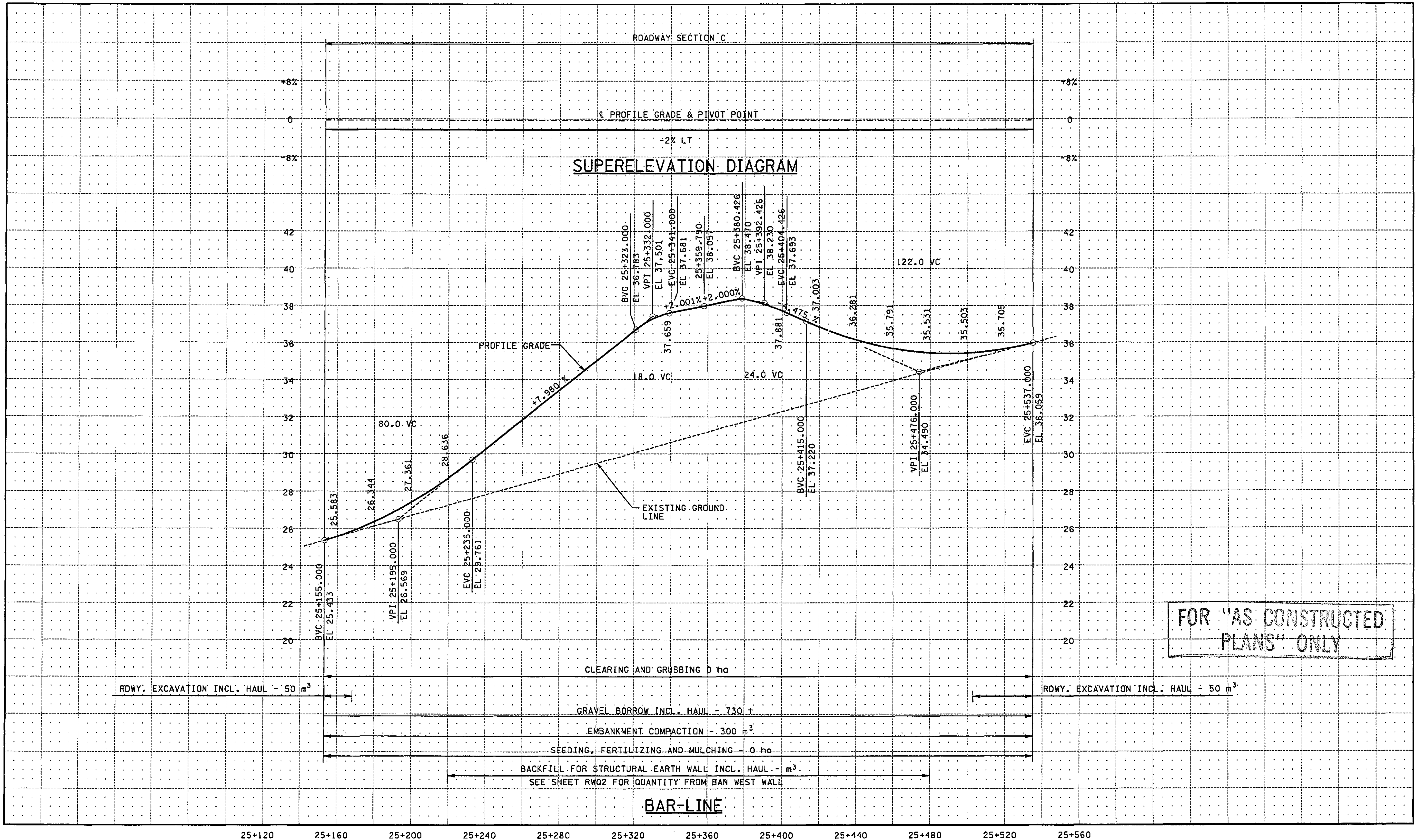
I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP12

118 OF 1152 SHEETS





FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02		
ENTERED BY	MJB	12/02		
CHECKED BY	GBW	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP13

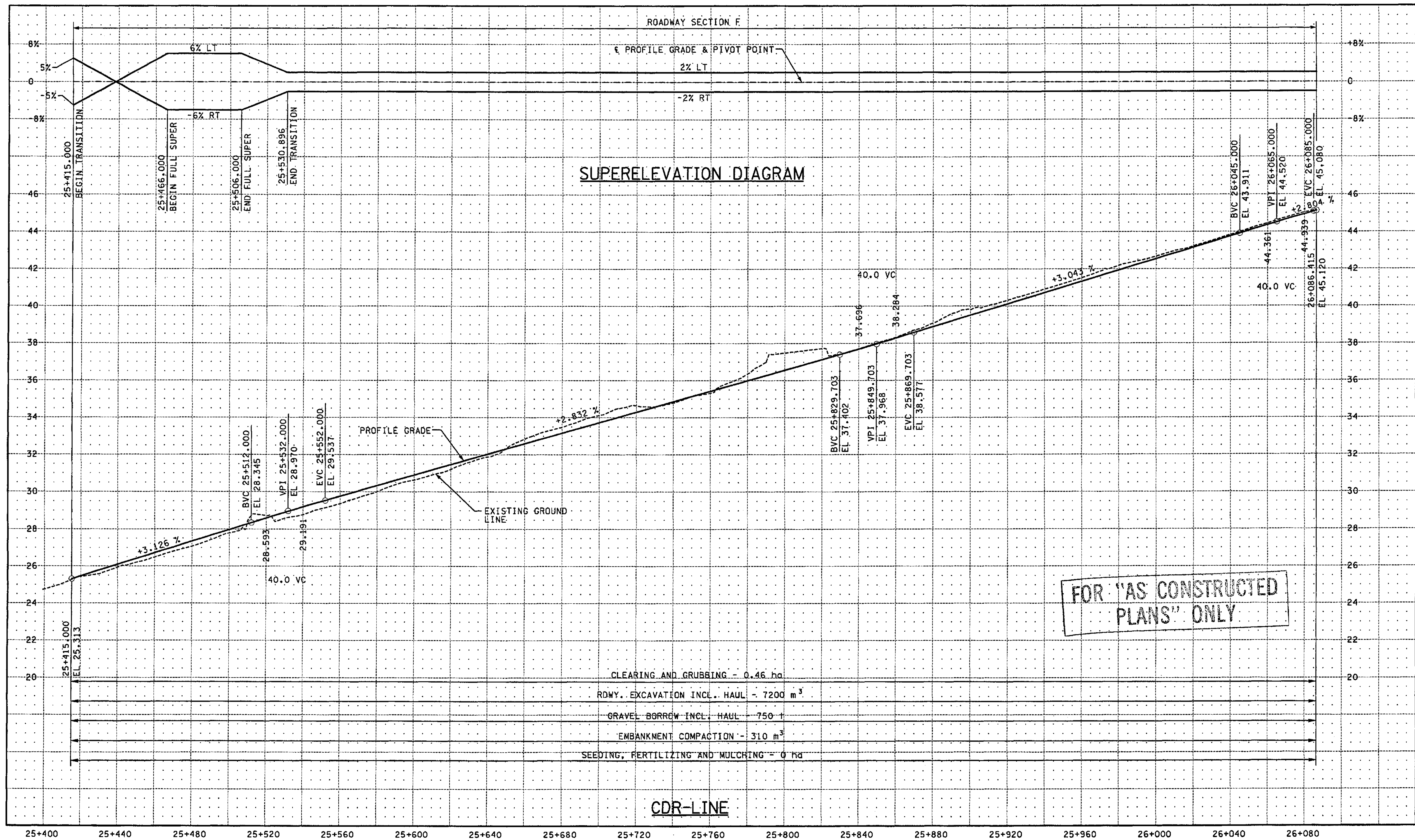
119 OF 152 SHEETS

C:\PWTEMP\dms00323\RP014\_C2.dgn

PLOT1

11/27/2002 10:21:03 AM

mbenson



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

RONALD G. DYER  
 3078 REGISTERED PROFESSIONAL ENGINEER  
 EXPIRES 11/14/04

Washington State Department of Transportation

HDR ENGINEERING INC.

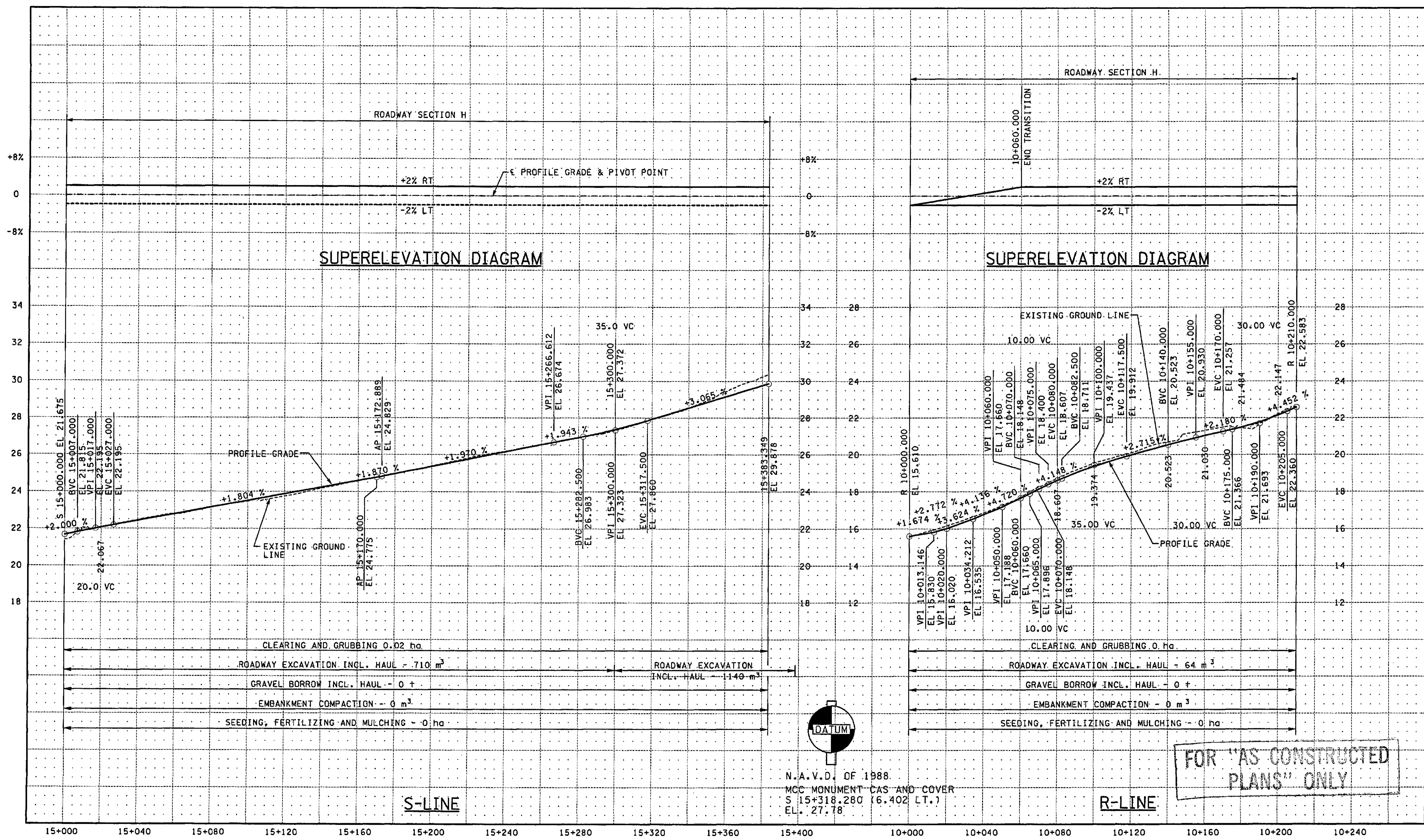
I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP14

SHEET 120 OF 152 SHEETS





ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PROFILE

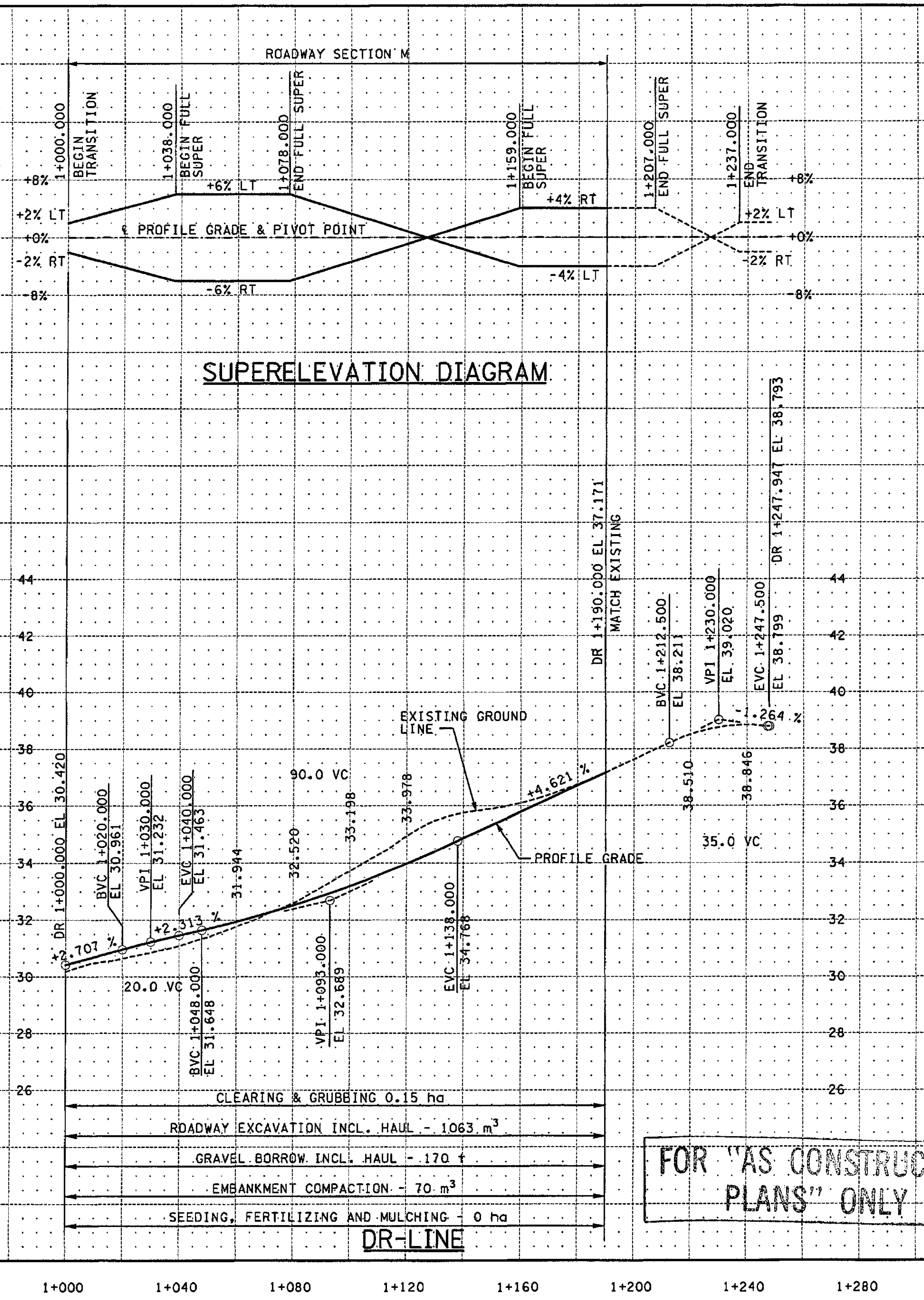
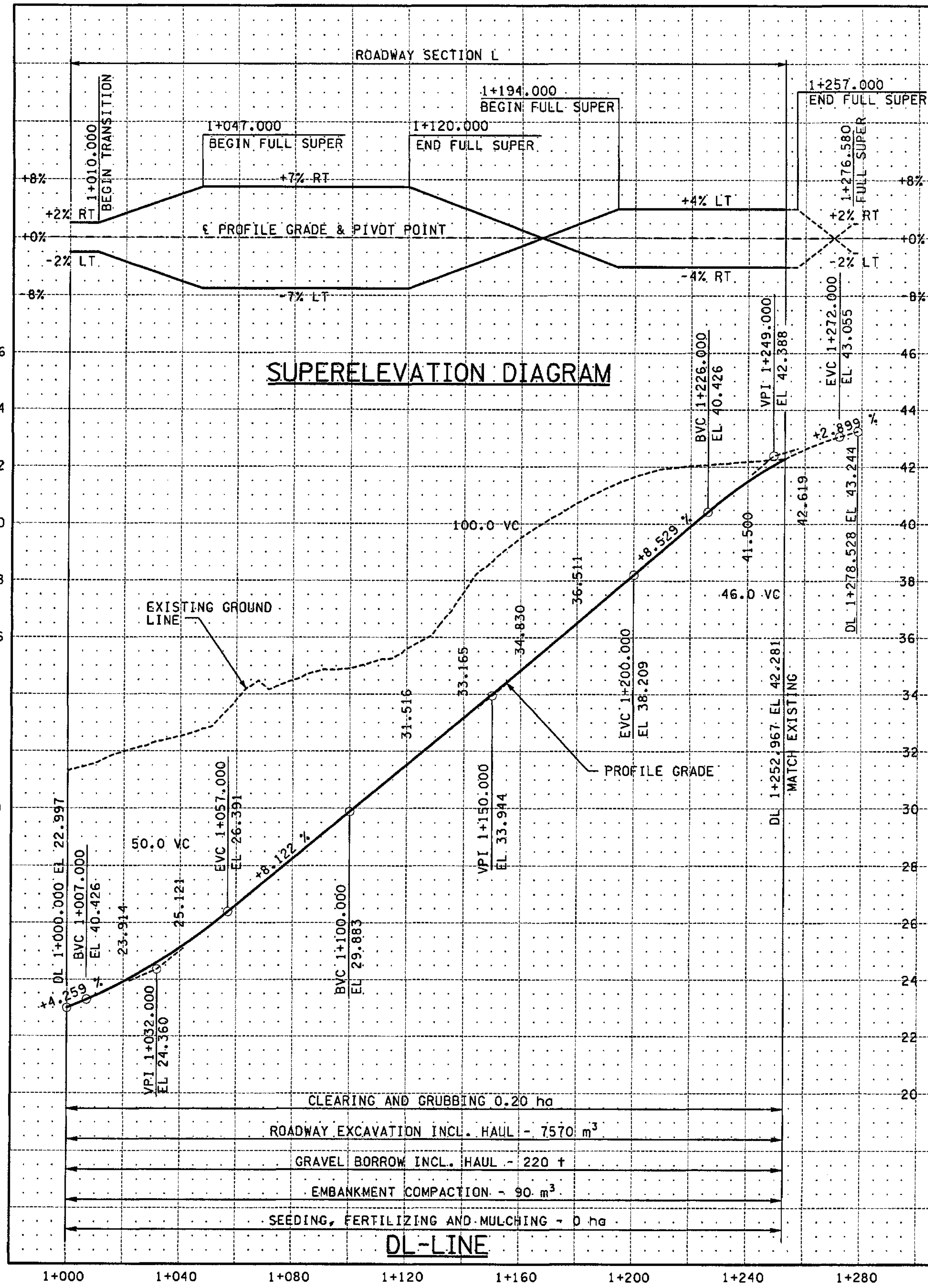
SHEET NO. RP15

121 OF 152 SHEETS

N.A.V.D. OF 1988  
MCC MONUMENT CAS AND COVER  
S 15+318.280 (6.402 LT.)  
EL. 27.78

FOR "AS CONSTRUCTED PLANS" ONLY

11/27/2002 10:21:19 AM PLOT1 C:\PWTEMP\dms00323\RP016\_C2.dgn mbenson

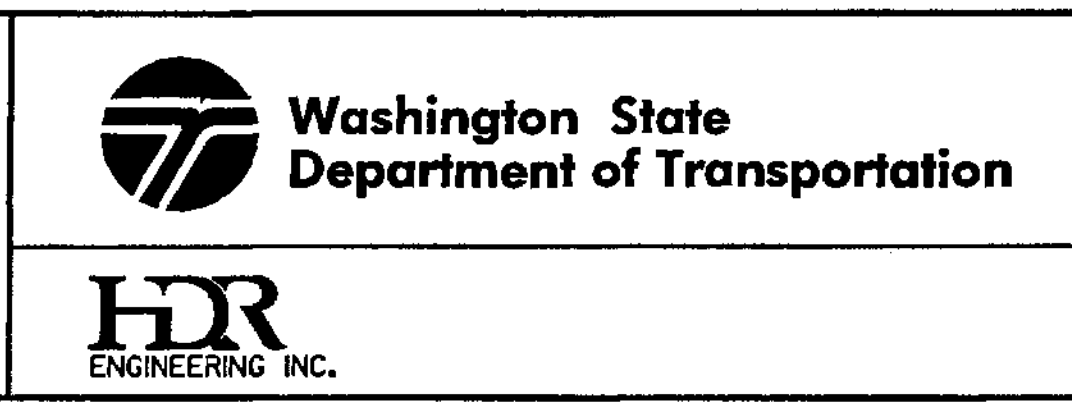
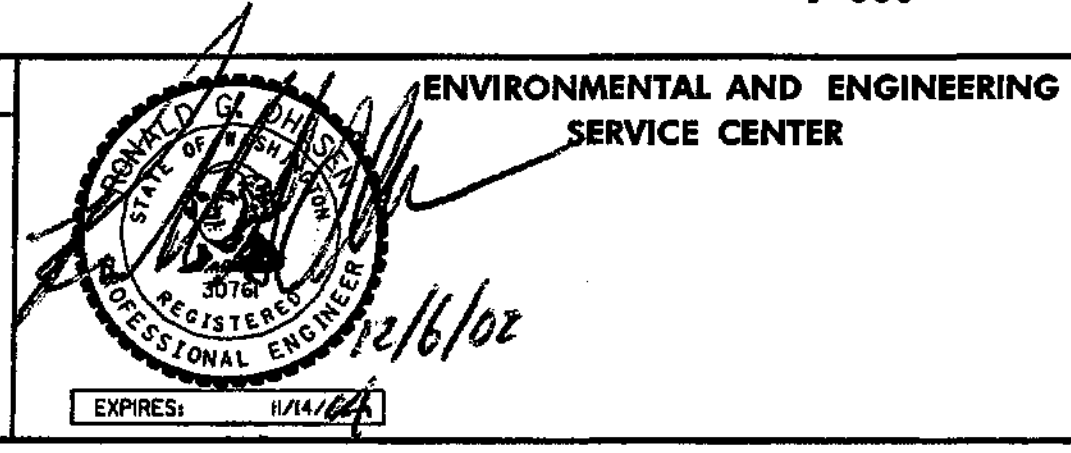


FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02
ENTERED BY	MJB	12/02
CHECKED BY	GBW	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION
BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

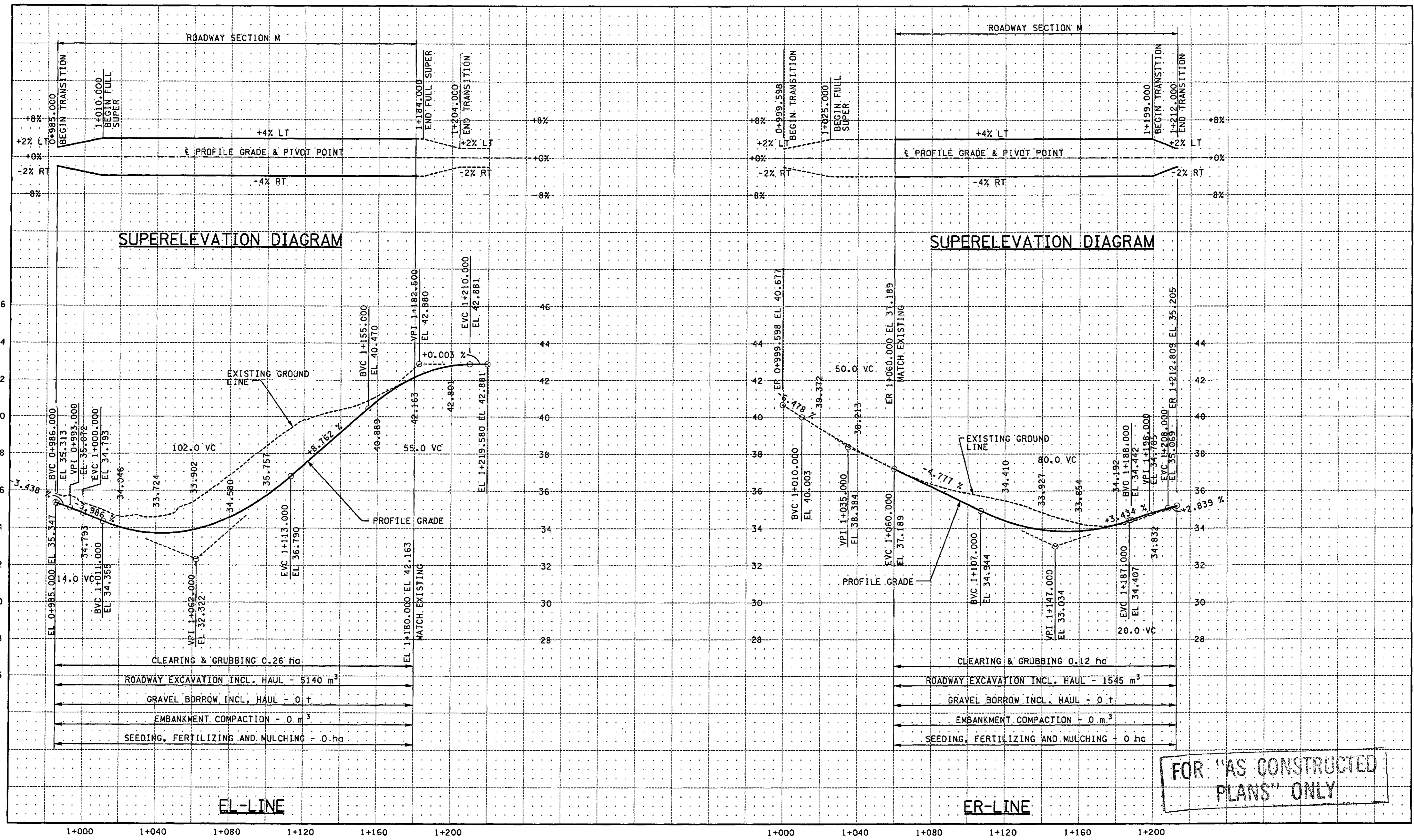


I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP16  
 122 OF 1152 SHEETS

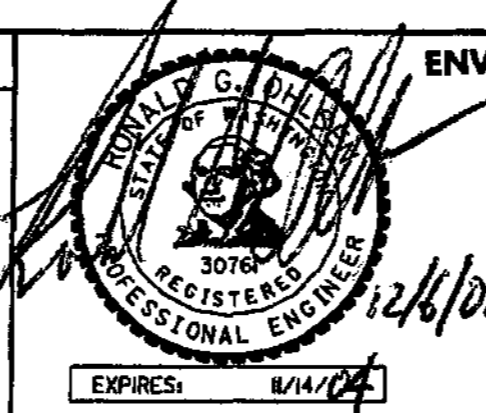




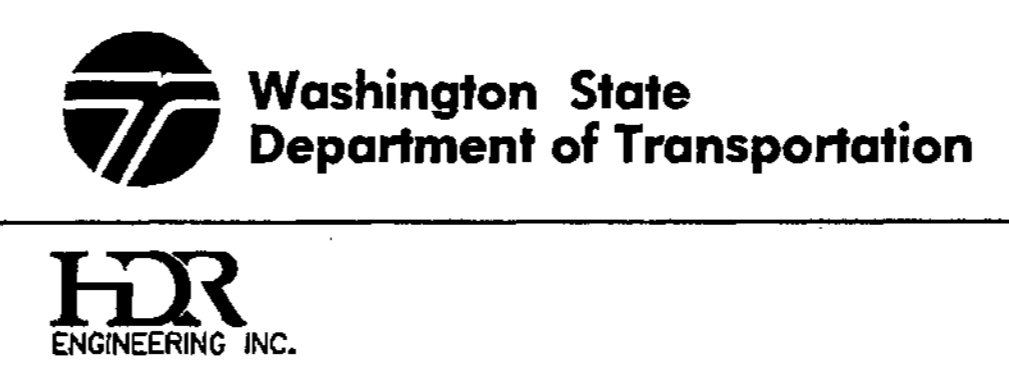
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02
ENTERED BY	MJB	12/02
CHECKED BY	GBW	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION
BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

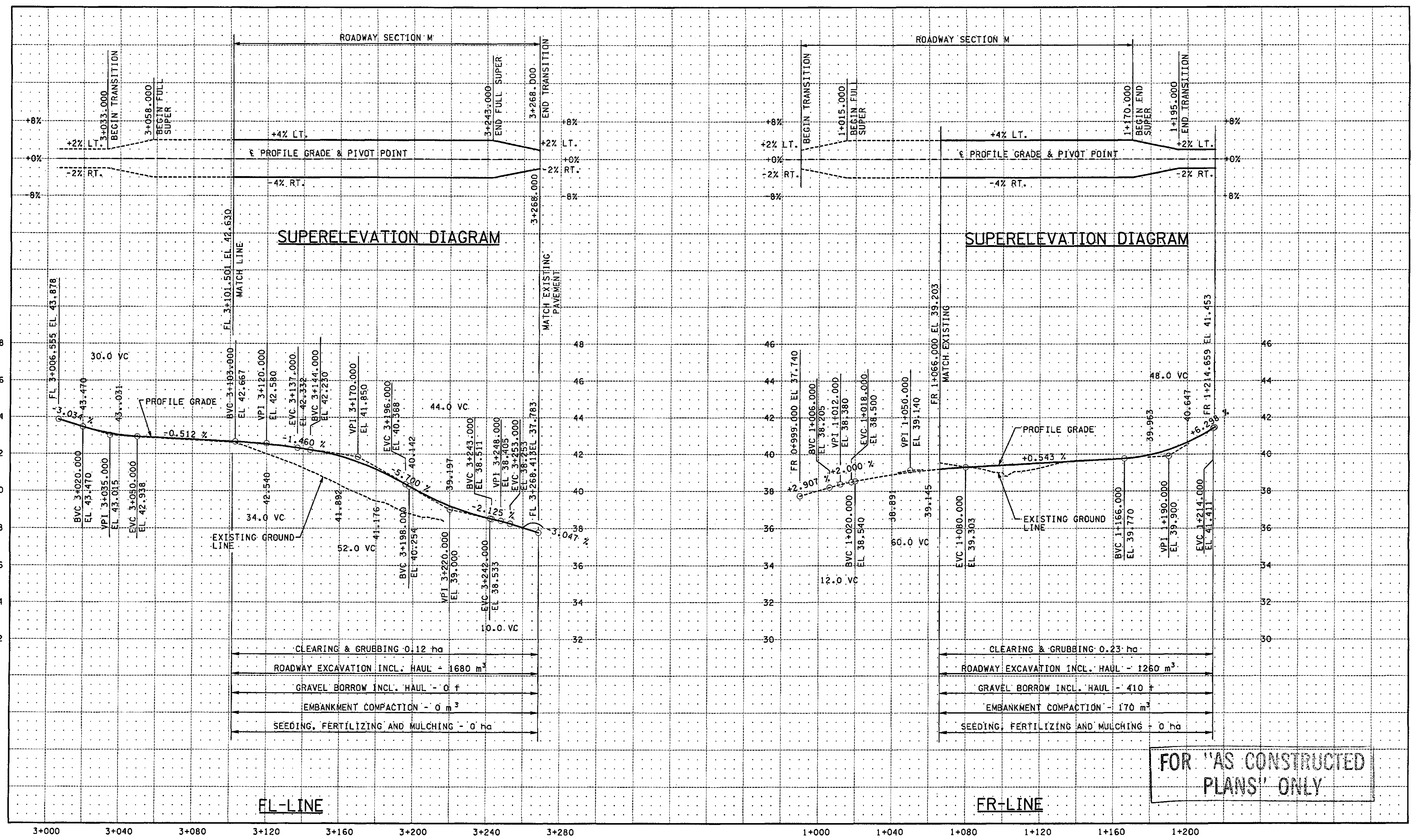


ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 PROFILE

SHEET NO. RP17  
 SHEET 123 OF 1152



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02		
ENTERED BY	MJB	12/02		
CHECKED BY	GBW	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

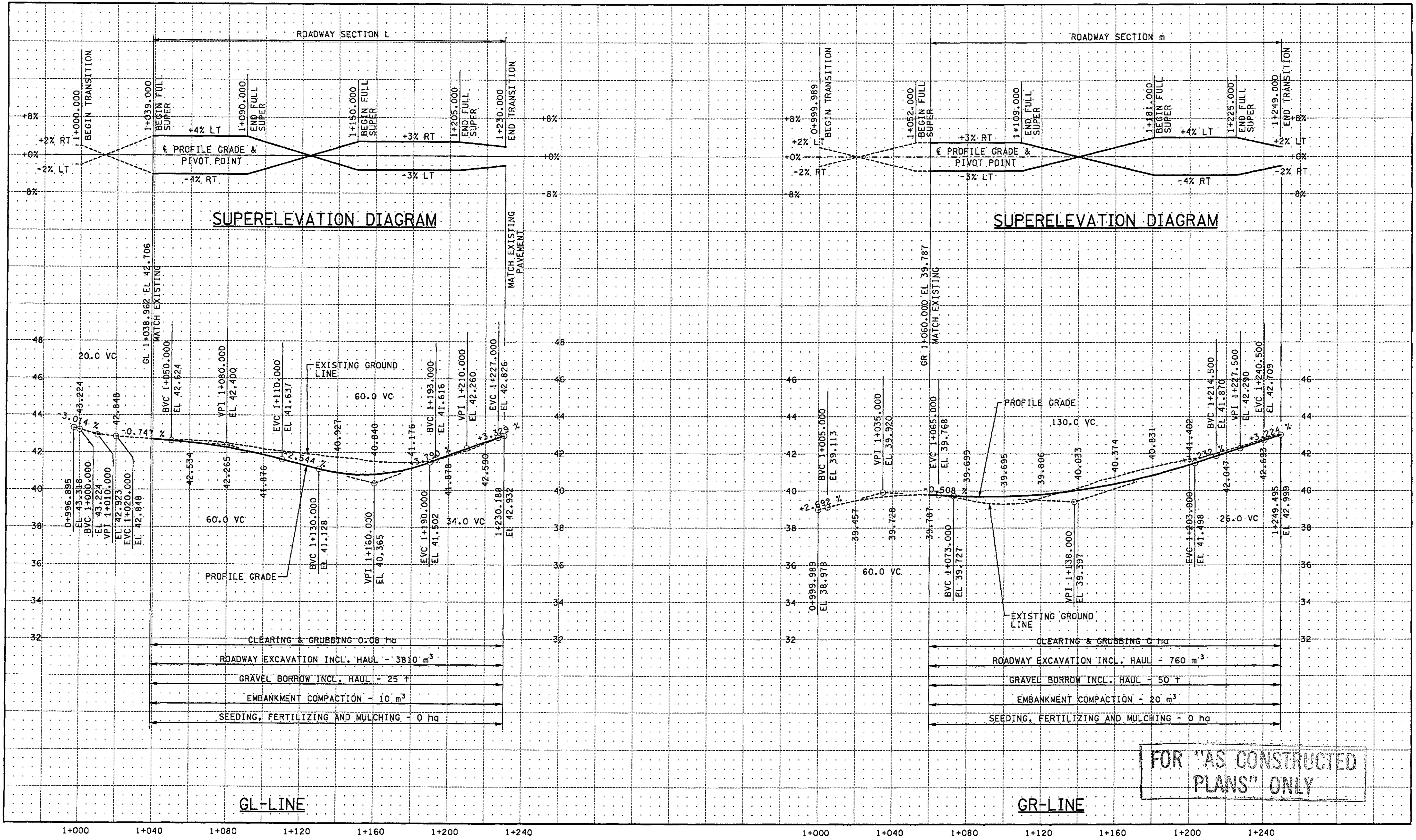
I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP18

124 OF 152 SHEETS





FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	MJB	12/02	JOB NUMBER	02A012				
CHECKED BY	GBW	12/02	CONTRACT NO.					
PROJ. ENGR.	D. CIERI	12/02	DATE		REVISION	BY		
REGIONAL ADM.	D. DYE	12/02						

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/16/02

Washington State Department of Transportation

HDR ENGINEERING INC.

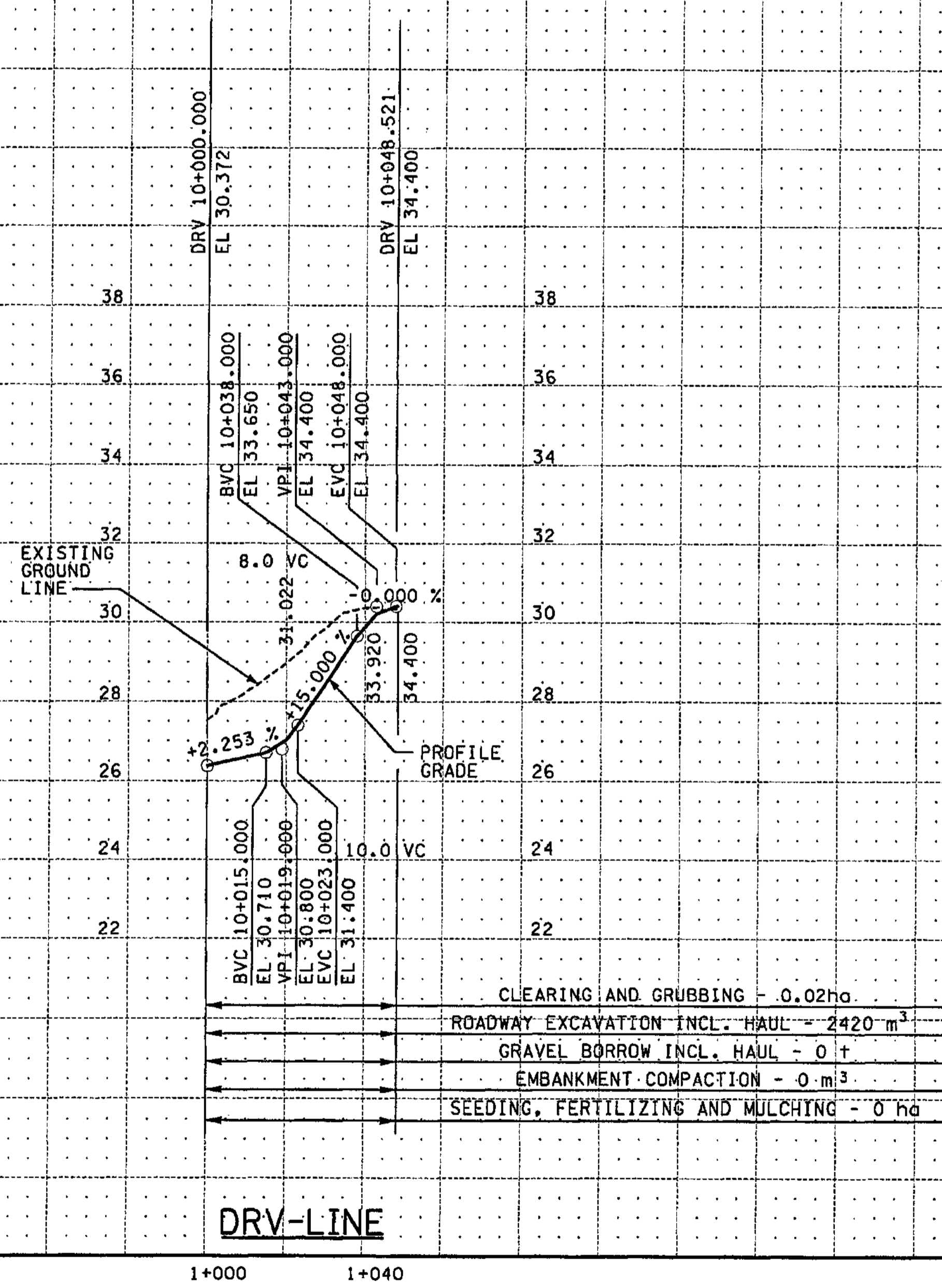
I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP19

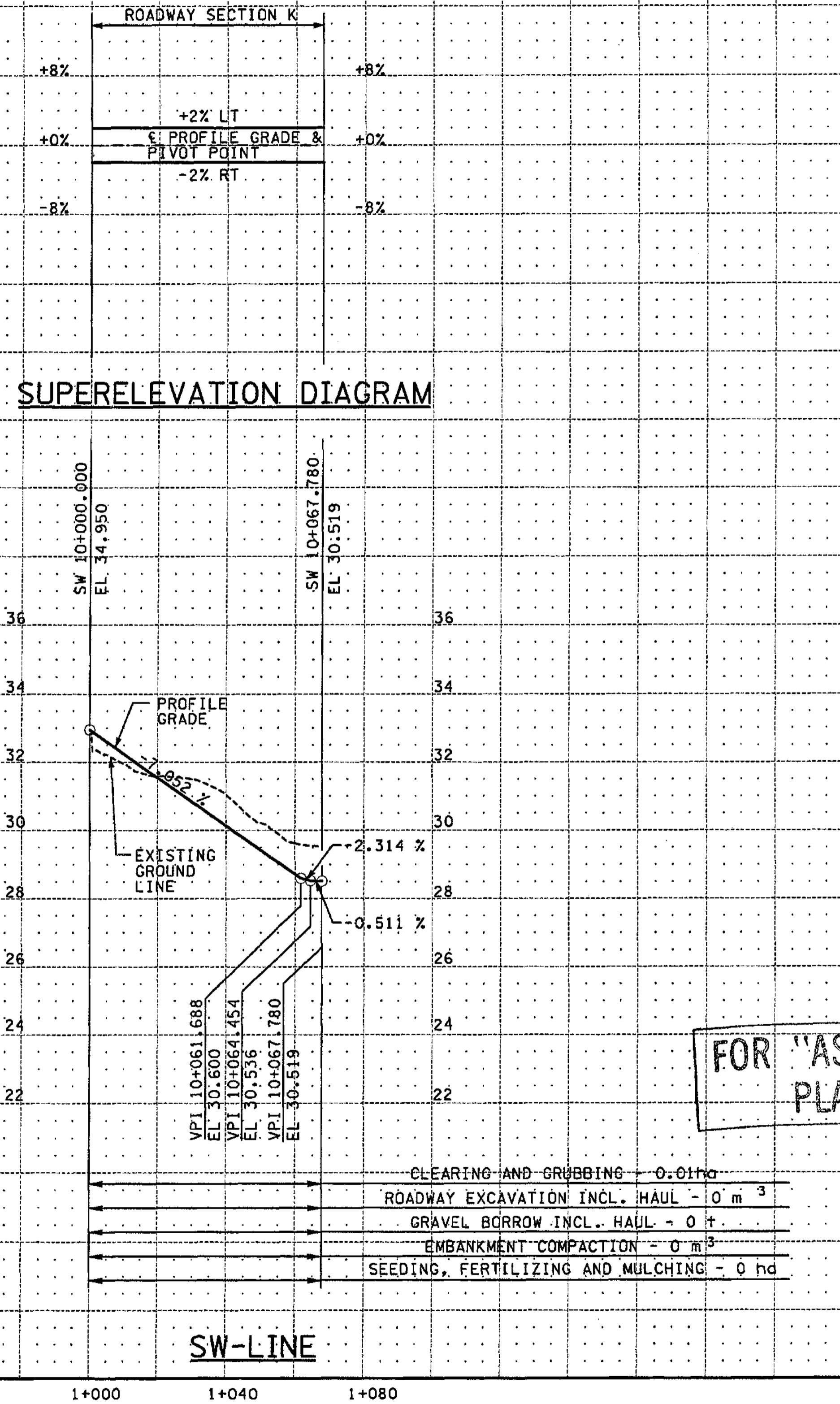
125 OF 152 SHEETS

**SUPERELEVATION DIAGRAM**



**DRV-LINE**

**SUPERELEVATION DIAGRAM**



**SW-LINE**

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	GBW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

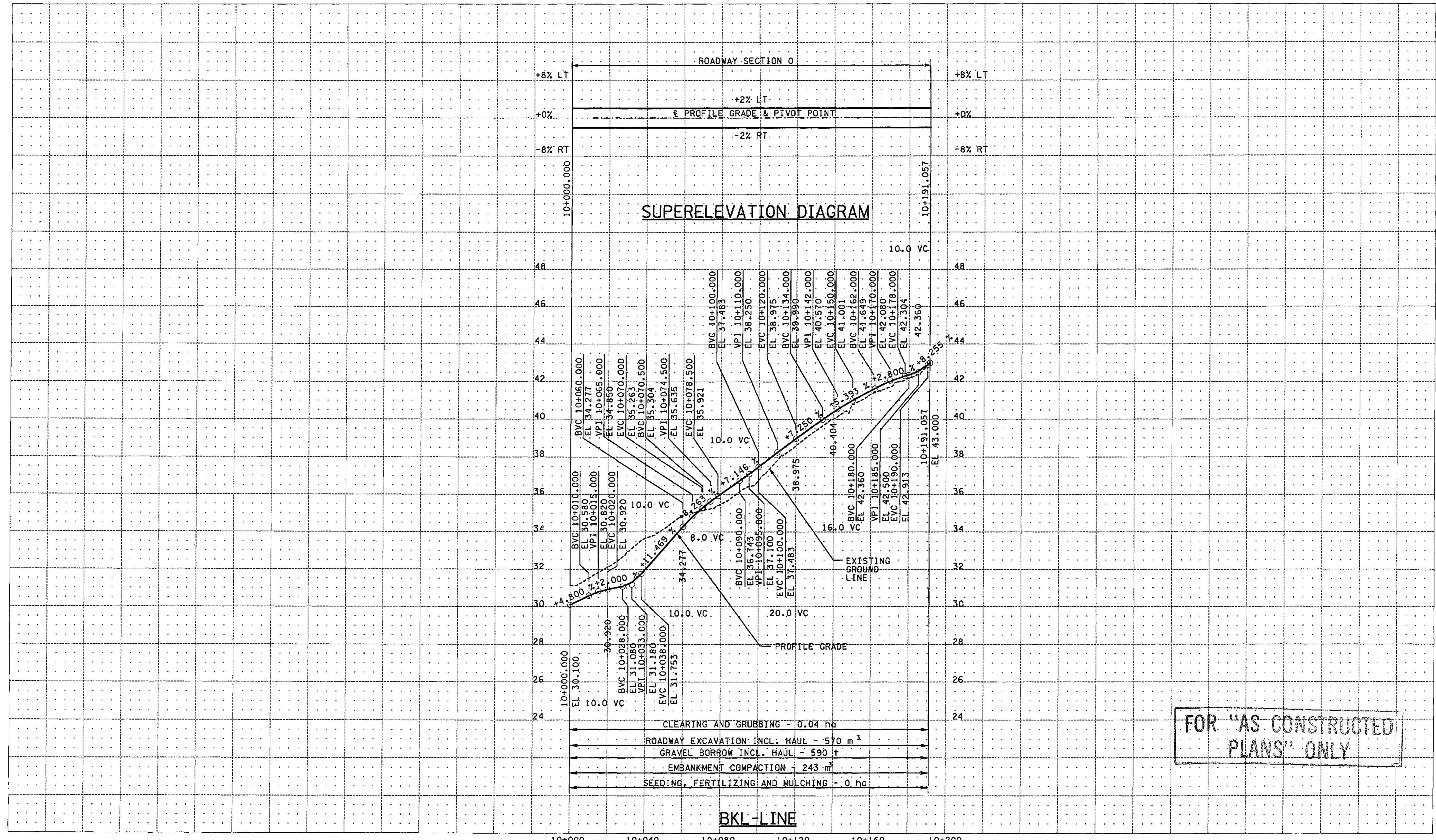
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP20  
126 OF 152 SHEETS





10+000 10+040 10+080 10+120 10+160 10+200

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	JRS	12/02		
ENTERED BY	MJB	12/02		
CHECKED BY	GBW	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

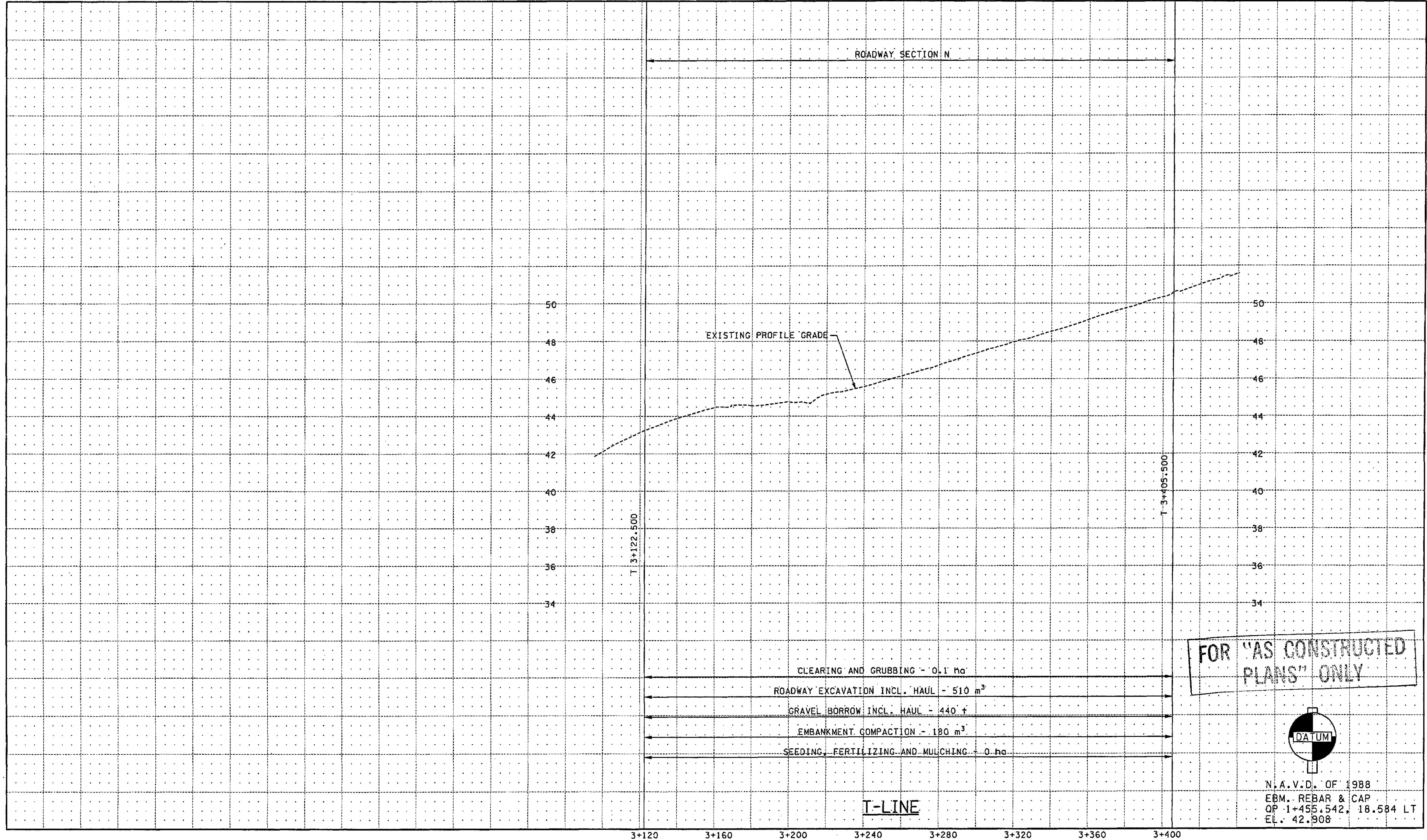
12/16/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO. RP21  
127 OF 152 SHEETS



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	S. GRAFF	12/02			
ENTERED BY	J. TYLER	12/02			
CHECKED BY	R. FRANTZ	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/27/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PROFILE

SHEET NO  
RP22

SHEET 128 OF 1152 SHEETS

N.A.V.D. OF 1988  
EBM. REBAR & CAP  
QP 1+455.542, 18.584 LT  
EL. 42.908



# Contract Plans

For Construction of:

I 405

MP 13.31 TO MP 14.34

## BELLEVUE DIRECT ACCESS NE 4TH ST. / NE 6TH ST.

KING COUNTY

**VOLUME 3 OF 7**

SOUND TRANSIT



**Washington State  
Department of Transportation**



FOR "AS CONSTRUCTED  
PLANS" ONLY

# VOLUME 1 INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
1 - 2	IN1 - IN2	INDEX
3, 3A	V1 - V2	VICINITY MAP
4 - 24, 24A - 24F	S01 - S021, S021A-S021F	SUMMARY OF QUANTITIES
25	NS1	NOISE SHIELD
26 - 46	RS1 - RS21	ROADWAY SECTIONS
47	CS1	CONSTRUCTION STAGING NARRATIVE
48 - 62	AR1 - AR15	ALIGNMENT/RIGHT OF WAY PLAN
63 - 66	ARD1 - ARD4	ALIGNMENT/RIGHT OF WAY DETAILS
67 - 78	QSP1 - QSP12	QUANTITY TABULATION - SITE PREPARATION
79 - 93, 93A - 93F	SP1 - SP21	SITE PREPARATION PLAN
94 - 106	EU1 - EU13	EXISTING UTILITY PLAN
107 - 128	RP1 - RP22	PROFILE

# VOLUME 2 INDEX

129 - 130	IN1 - IN2	INDEX
131 - 142, 142A	ESCSN1 - ESCSN13	STRUCTURE NOTES - ESC
143 - 157, 157A - 157F	EC1-EC15, EC15A-EC15F	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
158, 158A	EC16 - EC17	TEMPORARY EROSION AND SEDIMENT CONTROL NOTES
159 - 163, 163A	ECD1 - ECD6	TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS
164 - 215	SN1 - SN52	STRUCTURE NOTES - DRAINAGE
216 - 230	DR1 - DR15	DRAINAGE PLAN
231 - 256	DP1 - DP26	DRAINAGE PROFILES
257 - 261	DD1 - DD5	DRAINAGE DETAILS
262 - 266	DPF1 - DPF5	POND DETAILS AND SECTIONS
267 - 272	USN1 - USN6	UTILITY STRUCTURE NOTES
273 - 280	U1 - U8	UTILITY RELOCATION PLAN
281 - 286	UP1 - UP6	UTILITY PROFILE
287 - 289	US1 - US3	UTILITY SECTIONS
290 - 297	UD1 - UD8	UTILITY DETAILS
298, 298A - 298C	QT1 - QT4	QUANTITY TABULATION LANDSCAPE
299 - 300J, 300A - 300H	LA1 - LA2A, LA3 - LA10	LANDSCAPE PLAN
301 - 302, 302A - 302C	LD1 - LD5	PLANT SCHEDULE

# VOLUME 3 INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
303 - 304	IN1 - IN2	INDEX
305 - 306	IC1 - IC2	INTERCHANGE CONTOUR PLAN
307 - 318	QPV1 - QPV12	QUANTITY TABULATION - PAVING
319 - 333	PV1 - PV15	PAVING PLAN
334 - 342	PVD1 - PVD9	PAVING DETAILS
343 - 350	BD1 - BD3, BD3A, BD4 - BD7	BARRIER DETAILS
351 - 353	RA1 - RA3	ROADWAY APPROACH PLAN
354 - 355	PK1 - PK2	PARKING LAYOUT PLAN
356 - 369	QPM1 - QPM14	QUANTITY TABULATION - PAVEMENT MARKING
370 - 384	PM1 - PM15	PAVEMENT MARKING PLAN
385	PMD1	PAVEMENT MARKING DETAILS
386 - 389	RW1 - RW4	RETAINING WALL KEY PLAN
390 - 391	RW5 - RW6	RETAINING WALL P SOUTH
392	RW7	RETAINING WALL P NORTH
393 - 402	RW8 - RW17	RETAINING WALL BAN EAST 1
403 - 405	RW18 - RW20	RETAINING WALL BAN EAST 2
406 - 410	RW21 - RW25	RETAINING WALL CDL WEST 1
411 - 415	RW26 - RW30	RETAINING WALL DL
416 - 417	RW31 - RW32	RETAINING WALL CDL EAST 1
418 - 422	RW33 - RW36, RW36A	RETAINING WALL CDL EAST 3
423 - 424	RW37 - RW38	RETAINING WALL GL
425 - 426	RW39 - RW40	RETAINING WALL BAS WEST
427	RW41	RETAINING WALL BAS EAST 1
428	RW42	RETAINING WALL BAS EAST 2
429 - 430	RW43 - RW44	RETAINING WALL BAN WEST
431 - 432	RW45 - RW45A	RETAINING WALL BAS EAST & BAN WEST
433 - 440	RW46 - RW53	RETAINING WALL CDR WEST
441	RW54	RETAINING WALL CDR EAST
442 - 443	RW55 - RW56	RETAINING WALL BAN EAST 3
444 - 445	RW57 - RW58	RETAINING WALL P SOUTH 2
446 - 447	RW59 - RW60	RETAINING WALL S WEST
448 - 449	RW61 - RW62	RETAINING WALL T
450	RW63	RETAINING WALL ARCHITECTURAL FINISH
450A	RW63A	RETAINING WALL PRE-CAST PANELS
451	RW64	RETAINING WALL S WEST 2
452	RW65	RETAINING WALLS CONDUITS & J-BOX DETAILS
452A	RW66	RETAINING WALL S WEST 3
453 - 454	RWQ1 - RWQ2	ESTIMATED RETAINING WALL QUANTITIES
455 - 494	CD1 - CD40	RETAINING WALL CDL WEST 2 AND CDL EAST 2

PLAN REFERENCE NO.
SHEET
OF
SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	JRS	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	MJB	12/02	JOB NUMBER	02A012	STP-UL-4053(843)			
CHECKED BY	GBW	12/02	CONTRACT NO.					
PROJ. ENGR.	D. CIERI	12/02	DATE	4/23/03	ADDED SHEETS	RGD		
REGIONAL ADM.	D. DYE	12/02	DATE	3/28/03	ADDED SHEETS	RGD		
		DATE	DATE		REVISION	BY		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

4/24/03

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
INDEX

SHEET NO  
IN1  
SHEET 303 OF 1152 SHEETS

C:\pwwtemp\dms00318\IN001\_C2.dgn

PLOT1

10:47:11 AM

04/23/2003

cwl\cox



# VOLUME 4 INDEX

# VOLUME 7 INDEX

C:\PWTEMP\dms00318\IN002\_C2.dgn  
PLOT1  
10:45:02 AM  
03/26/2003  
mbenson

SHEET NO.	PLAN REFERENCE NO.	TITLE
495 - 496	IN1 - IN2	INDEX
497 - 498	ILTS1 - ILTS2	ILLUMINATION SCHEDULE - TEMPORARY
499 - 511	ILT1 - ILT13	ILLUMINATION PLAN - TEMPORARY
512 - 515	ILS1 - ILS4	ILLUMINATION SCHEDULE
516 - 529	IL1 - IL14	ILLUMINATION PLAN
530 - 541	ILD1 - ILD12	ILLUMINATION DETAILS
542 - 569	TS1 - TS9, TS9A - TS27	TRAFFIC SIGNAL PLAN AND DETAILS
570 - 571	INTC1 - INTC2	INTERCONNECT/TSP PLAN
572 - 579	TSP1 - TSP8	TSP PLAN
580 - 581	ITN1 - ITN2	ITS CONSTRUCTION NOTES
582 - 584	ITN3 - ITN5	ITS WIRE NOTES
585 - 591	ITT1 - ITT7	ITS PLAN - TEMPORARY
592 - 601	ITI - IT10	ITS PLAN
602 - 630	ITD1 - ITD29	ITS DETAILS
631 - 637	SS1 - SS4, SS4A - SS6	SIGN SPECIFICATIONS
638 - 661	SG1 - SG9, SG9A - SG23	SIGNING PLAN
662 - 669	SGD1 - SGD4, SGD4A SGD5, SGD5A - SGD6	SIGN DETAILS
670 - 690	SGS1 - SGS13, SGS13A - SGS13C, SGS14 - SGS18	SIGN STRUCTURE DETAILS

## VOLUME 5 INDEX

691 - 692	IN1 - IN2	INDEX
693 - 767	4S1 - 4S75	NE 4th ST. BRIDGE
768 - 834	6S1 - 6S67	NE 6th ST. BRIDGE

## VOLUME 6 INDEX

835 - 836	IN1 - IN2	INDEX
837 - 901	BL1 - BL65	BL/CDL BRIDGE
902 - 985	CL1 - CL84	CL/CDL BRIDGE

SHEET NO.	PLAN REFERENCE NO.	TITLE
986 - 987	IN1 - IN2	INDEX
988 - 989	TCT1 - TCT2	TRAFFIC CONTROL PLAN TEMPORARY
990 - 992	QTC1 - QTC3	QUANTITY TABULATION - TRAFFIC CONTROL PLAN
993-1083, 1083A-1083C	TC1 - TC94	TRAFFIC CONTROL PLAN
1084-1089, 1089A-1089E	TCD1 - TCD11	TRAFFIC CONTROL DETAILS
1090 - 1091	CSD1 - CSD2	CONSTRUCTION SIGNING DETAILS
1092 - 1096	TCS1 - TCS5	TRAFFIC CONTROL SECTIONS
1097 - 1146, 1146A	DT1 - DT51	DETOUR PLAN
1147 - 1152	DTS1 - DTS6	DETOUR SIGN DETAILS

PLAN REFERENCE NO.
SHEET
OF
SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY JRS	12/02	REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
ENTERED BY MJB	12/02	JOB NUMBER 02A012		STP-UL-4053(843)
CHECKED BY GBW	12/02	CONTRACT NO.		
PROJ. ENGR. D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
DATE	DATE	ADDED SHEETS	RCO	BY

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

126/03

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

INDEX

SHEET NO. IN2  
SHEET 304 OF 1152 SHEETS



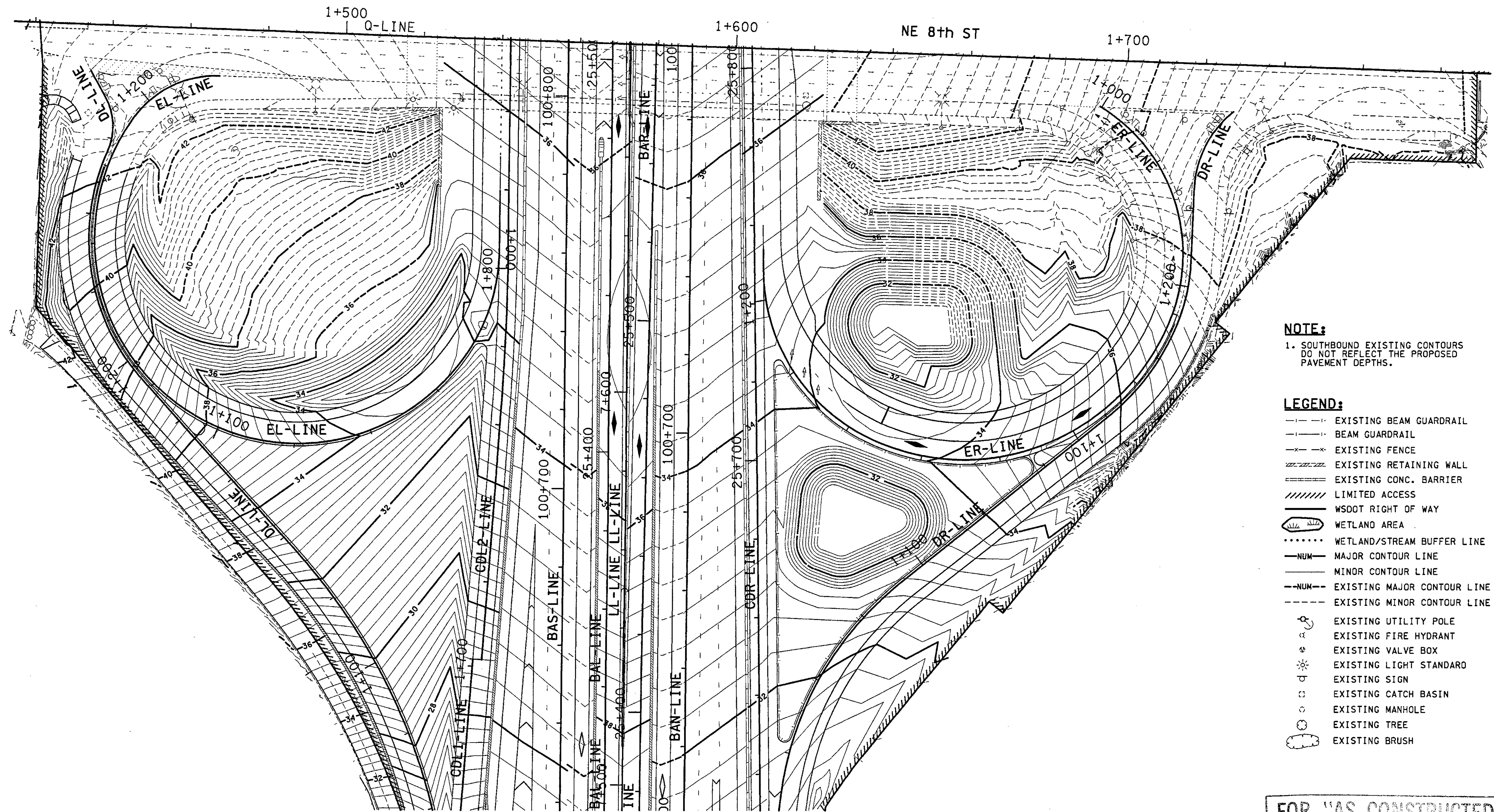


C:\PWTEMP\dms00319\IC002\_C2.DGN

PLOT16

11/27/2002 09:49:55 AM

mbenson



**NOTE:**

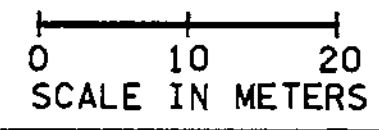
1. SOUTHBOUND EXISTING CONTOURS DO NOT REFLECT THE PROPOSED PAVEMENT DEPTHS.

**LEGEND:**

- EXISTING BEAM GUARDRAIL
- |-| BEAM GUARDRAIL
- x-x- EXISTING FENCE
- ||||| EXISTING RETAINING WALL
- ==== EXISTING CONC. BARRIER
- ////// LIMITED ACCESS
- ===== WSDOT RIGHT OF WAY
- WETLAND AREA
- ..... WETLAND/STREAM BUFFER LINE
- NUM- MAJOR CONTOUR LINE
- NUM- MINOR CONTOUR LINE
- NUM- EXISTING MAJOR CONTOUR LINE
- NUM- EXISTING MINOR CONTOUR LINE
- ⊕ EXISTING UTILITY POLE
- ⊕ EXISTING FIRE HYDRANT
- ⊕ EXISTING VALVE BOX
- ⊕ EXISTING LIGHT STANDARD
- ⊕ EXISTING SIGN
- ⊕ EXISTING CATCH BASIN
- ⊕ EXISTING MANHOLE
- ⊕ EXISTING TREE
- ⊕ EXISTING BRUSH

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.



DESIGNED BY	MH	12/02					
ENTERED BY	MJB	12/02					
CHECKED BY	JRS	12/02					
PROJ. ENGR.	D. CIERI	12/02					
REGIONAL ADM.	D. DYE	12/02					
	DATE	DATE	REVISION	BY			

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/1/02

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

INTERCHANGE CONTOUR PLAN

SHEET NO  
IC2

SHEET  
306  
OF  
1152  
SHEETS







# QUANTITY TABULATION - PAVING

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.		BEAM GUARDRAIL TRANSITION SECTION TYPE 3	BEAM GUARDRAIL TRANSITION SECTION TYPE 16	BEAM GUARDRAIL FLARED TERMINAL	BEAM GUARDRAIL ANCHOR TYPE 4	BEAM GUARDRAIL ANCHOR TYPE 7	PRECAST CONC. BARRIER TYPE 2	PRECAST CONC. BARRIER TYPE 4	CAST-IN-PLACE CONC. BARRIER TYPE 2A	CAST-IN-PLACE CONC. BARRIER TYPE 2B	CAST-IN-PLACE CONC. BARRIER TYPE 2C	CAST-IN-PLACE CONC. BARRIER TYPE 2D	CAST-IN-PLACE CONC. BARRIER TYPE 2E	MODIFIED CAST-IN-PLACE CONC. BARRIER LIGHT STANDARD SECTION	CAST-IN-PLACE CONC. BARRIER TSP POLE SECTION	PERMANENT IMPACT ATTENUATOR	SEE GENERAL NOTES	GENERAL NOTES:
PV1	CDL1 1+000.000 TO CDL1 1+006.000 LT	EACH	EACH	EACH	EACH	EACH	m	m	m	m	m	m	m	EACH	EACH	EACH		1. Extruded Curb Type 1. 2. Extruded Curb Type 6. 3. Construct driveway see detail sheet PV15. 4. Use the SRT - 350 option for the beam guardrail flared terminal. 5. See Sheet RWQ1-RWQ2 for additional quantities of COB Metal Safety Railing. 6. Acceptable Impact Attenuator is 6.4 m Quadguard 7. Acceptable Impact Attenuator is 7.4 m Quadguard 8. Acceptable Impact Attenuator is: CAT Brakemaster Quadtrend-350 6.4 m Quadguard Quadguard Elite React 350
PV1	CDL1 1+006.000 TO CDL1 1+046.216 LT								6	40.2								
PV2	BAS 100+031.339 TO BAS 100+081.000 LT								49.7									
PV2	BAS 100+081.000 LT TO BL 20+184.287 RT									133.7								
PV2	BAS 100+106.117 TO BAS 100+212.000 RT									105.9				2				
PV2	BAS 100+212.000 TO BAS 100+224.000 RT																	
PV2	BAN 100+050.000 TO BAN 100+210.000 RT																	
PV2	CDL1 1+046.216 TO CDL1 1+081.000 LT							160		34.8								
PV2	CDL1 1+081.000 TO CDL1 1+099.000 LT									18								
PV2	CDL1 1+099.000 TO CDL1 1+125.760 LT									26.8								
PV2	CDL1 1+125.760 TO CDL1 1+249.500 LT																	
PV2	CDL1 1+169.000 TO CDL1 1+188.000 RT									19								
PV2	CDL1 1+188.000 TO CDL1 1+206.840 RT										19							
PV2	CDR 25+100.000 TO CDR 25+214.000 RT	-2-															1	
PV2	R 10+060.000 TO R 10+206.420 LT																	
PV2	R 10+082.000 TO R 10+206.420 LT																2	
PV2	R 10+175.003 TO S 15+014.338																	
PV2	R 10+195.936 TO S 15+023.941 RT																	
PV2	BL 20+184.287 TO BL 20+195.000 RT										11							
PV2	BR 15+135.000 TO BR 15+206.251 RT															1	1,7	
PV2	BR 15+039.7 LT TO BR 15+047.3 LT																	
PV3	BAS 100+224.000 TO BAL 25+135.200 RT													2	1			
PV3	BAS 100+416.546 TO BAS 100+426.172 RT																	
PV3	BAS 100+426.177 TO BAS 100+444.500 RT																	
PV3	BAN 100+210.000 TO BAN 100+430.000 RT																	
PV3	BAN 100+403.617 TO BAN 100+414.591 LT																	
PV3	BAN 100+414.591 TO BAN 100+430.000 LT																1	
PV3	BAN 100+414.591 TO BAN 100+430.000 LT																6	
PV3	CDL1 1+249.500 TO CDL1 1+470.000 LT																	
PV3	CDL1 1+398.703 TO CDL1 1+470.000 RT																	
PV3	CDR 25+214.000 TO CDR 25+221.568 RT																	
PV3	CDR 25+415.000 TO CDR 25+435.000 RT																	
PV3	S 15+004.563 TO S 15+071.650																	
PV3	S 15+023.941 TO S 15+172.889 LT																	
PV3	S 15+132.000 TO S 15+160.000 LT																	
PV3	BL 20+195.000 TO BL 20+232.890 RT																	
PV3	BL 20+232.890 LT TO BAS 100+444.00 LT																	
PV3	BR 15+206.251 TO BR 15+301.146 RT	1	1															
PV4	N 0+308.580 TO N 0+316.707																	
PV4	N 0+327.000 TO N 0+420.000																	
<b>SHEET TOTAL</b>		<b>31</b>	<b>1</b>				<b>2027.60</b>	<b>429</b>	<b>345.8</b>	<b>394.1</b>	<b>180</b>			<b>4</b>	<b>1</b>	<b>2</b>	<b>2</b>	

FOR THE USE OF THE PLANNING ONLY

DESIGNED BY BH 12/09/02

ENTERED BY MJB 12/09/02

CHECKED BY JS 12/09/02

PROJ. ENGR. D. CIERI 12/09/02

REGION ADM. D. DYE 12/09/02

REGION NO. 10 STATE WASH

FED. AID PROJ. NO.

JOB NUMBER 02A012

CONTRACT NO.



3/26/03



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

QPV 2

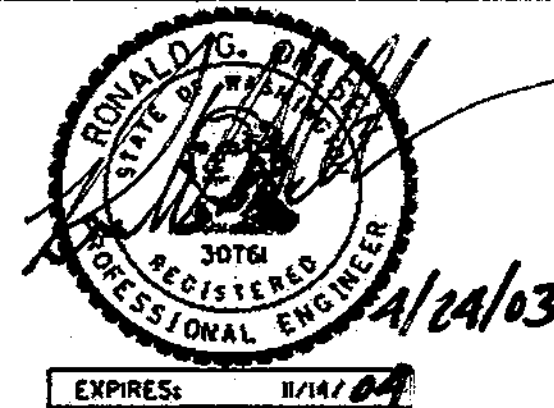
SHEET 308 OF 1152 SHEETS

QUANTITY TABULATION - PAVING

# QUANTITY TABULATION - PAVING

CODE	LOCATION \ UNIT OF MEASURE >	COB CEMENT CONC. SIDEWALK	COB CEMENT CONC. APPROACH 3-DAY	COB REMOVABLE BOLLARD	CHAIN LINK FENCE TYPE 1	CHAIN LINK FENCE TYPE 4	END, GATE, CORNER, AND PULL POST FOR CHAIN LINK FENCE	COB METAL SAFETY RAILING									SEE GENERAL NOTES	GENERAL NOTES:	
PV1	CDL1 1+000.000 TO CDL1 1+006.000 LT					6	1												1. Extruded Curb Type 1. 2. Extruded Curb Type 6. 3. Construct driveway see detail sheet PV15. 4. Use the SRT - 350 option for the beam guardrail flared terminal. 5. See Sheet RWQ1-RWQ2 for additional quantities of COB Metal Safety Railing. 6. Acceptable Impact Attenuator is 6.4 m Quadguard 7. Acceptable Impact Attenuator is 7.4 m Quadguard 8. Acceptable Impact Attenuator is: CAT Brakemaster Quadtrend-350 6.4 m Quadguard Quadguard Elite React 350 9. SEE PVD5, GENERAL NOTE 2.
PV1	CDL1 1+006.000 TO CDL1 1+046.216 LT					40													
PV2	BAS 100+031.339 TO BAS 100+081.000 LT																		
PV2	BAS 100+081.000 LT TO BL 20+184.287 RT																		
PV2	BAS 100+106.117 TO BAS 100+212.000 RT																		
PV2	BAS 100+212.000 TO BAS 100+224.000 RT																		
PV2	BAN 100+050.000 TO BAN 100+210.000 RT																		
PV2	CDL1 1+046.216 TO CDL1 1+081.000 LT					35													
PV2	CDL1 1+081.000 TO CDL1 1+099.000 LT					18													
PV2	CDL1 1+099.000 TO CDL1 1+125.760 LT					27													
PV2	CDL1 1+125.760 TO CDL1 1+249.500 LT					124	1												
PV2	CDL1 1+169.000 TO CDL1 1+188.000 RT																		
PV2	CDL1 1+188.000 TO CDL1 1+206.840 RT																		
PV2	CDR 25+100.000 TO CDR 25+214.000 RT																1		
PV2	R 10+060.000 TO R 10+206.420 LT	247	23																
PV2	R 10+082.000 TO R 10+206.420 LT																2		
PV2	R 10+175.003 TO S 15+014.338																		
PV2	R 10+195.936 TO S 15+023.941 RT	20																	
PV2	BL 20+184.287 TO BL 20+195.000 RT																		
PV2	BR 15+135.000 TO BR 15+206.251 RT																1,7		
PV2	BR 15+039.7 LT TO BR 15+047.3 LT																		
PV3	BAS 100+224.000 TO BAL 25+135.200 RT																		
PV3	BAS 100+416.546 TO BAS 100+426.172 RT																		
PV3	BAS 100+426.177 TO BAS 100+444.500 RT																		
PV3	BAN 100+210.000 TO BAN 100+430.000 RT																		
PV3	BAN 100+403.617 TO BAN 100+414.591 LT																6		
PV3	BAN 100+414.591 TO BAN 100+430.000 LT																		
PV3	CDL1 1+249.500 TO CDL1 1+470.000 LT					221	33												
PV3	CDL1 1+398.703 TO CDL1 1+470.000 RT																		
PV3	CDR 25+214.000 TO CDR 25+221.568 RT																		
PV3	CDR 25+415.000 TO CDR 25+435.000 RT																		
PV3	S 15+004.563 TO S 15+071.650																2, SEE PVD5		
PV3	S 15+023.941 TO S 15+172.889 LT	269	75																
PV3	S 15+132.000 TO S 15+160.000 LT																		
PV3	BL 20+195.000 TO BL 20+232.890 RT																		
PV3	BL 20+232.890 LT TO BAS 100+444.00 LT																		
PV3	BR 15+206.251 TO BR 15+301.146 RT																1		
PV3	T 2+708.534 TO T 2+734.952 RT	45	57																
PV4	N 0+308.580 TO N 0+316.707																		
PV4	N 0+327.000 TO N 0+420.000																2		
<b>SHEET TOTAL</b>		581	155			471	35												

FOR "AS CONSTRUCTED" PLAN ONLY



I 405 <b>BELLEVUE DIRECT ACCESS</b> NE 4th ST. / NE 6th ST.	QPV 3
QUANTITY TABULATION - PAVING	SHEET 309 OF 1152 SHEETS

DESIGNED BY	BH	12/09/02				REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	MJB	12/09/02				10	WASH	
CHECKED BY	JS	12/09/02	04/23/03	REVISED QUANTITY	RG0	JOB NUMBER		
PROJ. ENGR.	D. CIERI	12/09/02	04/11/03	REVISED QUANTITY	RG0	02A012		
REGION ADM.	D. DYE	12/09/02	03/28/03	COLUMNS/ROWS SHIFTED ON SHEETS	RG0	CONTRACT NO.		
		DATE	DATE	REVISION	BY			



# QUANTITY TABULATION - PAVING

NOTE:  
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

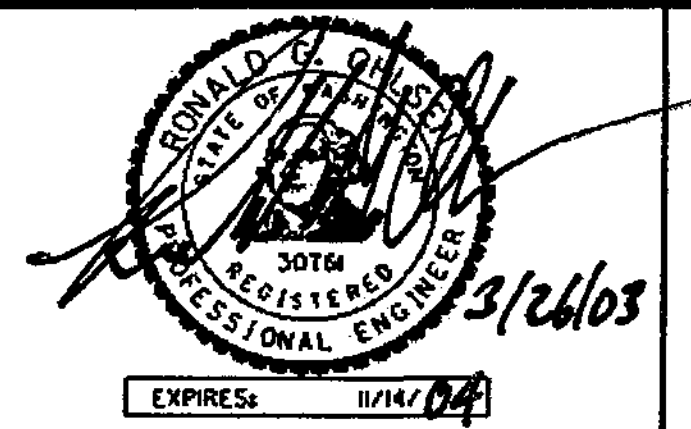

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

CODE	LOCATION \ UNIT OF MEASURE	m2	EACH	m	m	m	m	m	m	m	m	m	m	m	m	m	m	EACH	SEE GENERAL NOTES
PV4	N 0+212.000 TO N 0+229.700 LT																		2
PV4	N 0+328.783 LT TO CR 10+042.000 RT			41															
PV4	BR 15+301.146 TO BR 15+338.237 RT				85														
PV4	CL (KPF)	125																	
PV6	BAS 100+444.000 TO BAS 100+542.760 LT																		6
PV6	BAS 100+444.500 TO BAS 100+448.340 RT																		
PV6	BAS 100+448.340 TO BAS 100+577.796 RT																		
PV6	BAN 100+430.000 TO BAN 100+437.220 LT																		
PV6	BAN 100+437.220 TO BAN 100+610.000 LT																		
PV6	BAN 100+466.000 TO BAN 100+484.000 RT																		
PV6	BAN 100+484.000 TO BAN 100+498.820 RT																		
PV6	BAN 100+430.000 TO BAN 100+466.000 RT																		
PV6	BAL 25+135.200 TO BAL 25+255.200 RT																		
PV6	CDL1 1+470.000 TO CDL1 1+642.593 RT																		
PV6	CDL1 1+470.000 TO DL 1+066.000 LT																		
PV6	CDR 25+470.205 TO CDR 25+487.000 LT																		
PV6	CDR 25+487.000 TO CDR 25+617.000 LT																		
PV6	CDR 25+435.000 TO CDR 25+503.000 RT																		
PV6	CDR 25+583.056 TO DR 1+031.000 RT																		1, SEE PVD6
PV6	S 15+342.747 TO DL 1+033.269 LT			65															
PV6	BKL 10+000 (LT)																		SEE PVD8
PV6	BKL 10+005.004 TO BKL 10+007.355 LT																		2, SEE PVD8
PV6	CL 5+194.561 TO CL 5+217.097																		
PV7	DRV 10+018.000 RT TO DRV 10+037.111 LT				47														SEE PVD8
PV7	BAL 25+237.500 TO BAL 25+268.515		99																
PV7	BAL 25+255.200 TO BAL 25+283.372 RT																		
PV7	BAL 25+322.114 TO BAL 25+355.500		111																
PV7	BAL 25+324.848 TO BAL 25+335.202 RT																		
PV7	BAR 25+303.87 TO BAR 25+330.440		84																
PV7	BAR 25+334.939 TO BAR 25+388.540		195																
PV7	BAR 25+334.939 TO BAR 25+338.540 LT		180																
PV7	BAR 25+338.540 TO BAR 25+421.880		96																
PV7	T 2+927.947 TO SW 10+067.800 RT			57															
PV7	T 3+005.448 RT TO P 10+228.018 LT			24															
PV7	P 10+014.400 TO P 10+183.700 LT (HARDING)																		
PV7	P 10+228.018 TO P 10+235.000 LT																		
PV7	P 10+279.300 TO P 10+361.595 LT																		
PV7	P 10+231.272 TO P 10+240.000 RT																		
PV7	P 10+283.682 TO P 10+291.302																		
<b>SHEET TOTAL</b>		152	277	765	187	132	76	168	164										29

**GENERAL NOTES:**

1. Extruded Curb Type 1.
2. Extruded Curb Type 6.
3. Construct driveway see detail sheet PV15.
4. Use the SRT - 350 option for the beam guardrail flared terminal.
5. See Sheet RWQ1-RWQ2 for additional quantities of COB Metal Safety Railing.
6. Acceptable Impact Attenuator is 6.4 m Quadguard
7. Acceptable Impact Attenuator is 7.4 m Quadguard
8. Acceptable Impact Attenuator is: CAT Brakemaster Quadtrend-350 6.4 m Quadguard Quadguard Elite React 350

FOR USE COMPANION PLANS ONLY

DESIGNED BY	BH	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			1405 <b>BELLEVUE DIRECT ACCESS</b> NE 4th ST. / NE 6th ST.	QPV 4
ENTERED BY	MJB	12/09/02		10	WASH						
CHECKED BY	JS	12/09/02		JOB NUMBER 02A012							
PROJ. ENGR.	D. CIERI	12/09/02		CONTRACT NO.							
REGION ADM.	D. DYE	12/09/02	03/28/02	ADDED ITEMS & REVISED QUANTITIES	RGD					QUANTITY TABULATION - PAVING	SHEET 310 OF 1152 SHEETS





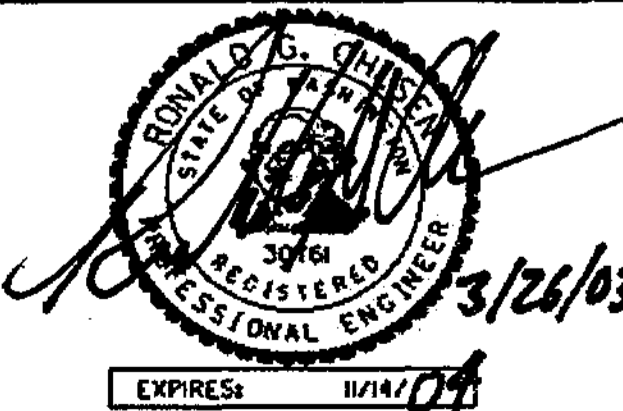





# QUANTITY TABULATION - PAVING

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.				BRIDGE APPROACH SLAB	STAINLESS STEEL CLAD DOWEL BAR	CEMENT CONC. BARRIER CURB AND GUTTER	CEMENT CONC. BARRIER CURB	EXTRUDED CURB	TYPE C PRECAST TRAFFIC CURB	TYPE A BLOCK TRAFFIC CURB	TYPE C BLOCK TRAFFIC CURB	CONCRETE DROP CURB	CONCRETE STEP CURB	BEAM GUARDRAIL TYPE 1 3.3M LONG POST	BEAM GUARDRAIL TYPE 1	BEAM GUARDRAIL TYPE 4	BEAM GUARDRAIL TYPE 11	BEAM GUARDRAIL TRANSITION SECTION TYPE 1a	SEE GENERAL NOTES	GENERAL NOTES:
CODE	LOCATION \ UNIT OF MEASURE >	M2	EACH	E	E	E	E	E	E	E	E	E	E	E	E	E	EACH			
PV7	P 10+365.277 TO P 10+371.352	326																		1. Extruded Curb Type 1. 2. Extruded Curb Type 6. 3. Construct driveway see detail sheet PV15. 4. Use the SRT - 350 option for the beam guardrail flared terminal. 5. See Sheet RWQ1-RWQ2 for additional quantities of COB Metal Safety Railing. 6. Acceptable Impact Attenuator is 6.4 m Quadguard 7. Acceptable Impact Attenuator is 7.4 m Quadguard 8. Acceptable Impact Attenuator is: CAT Brakemaster Quadtrend-350 6.4 m Quadguard Quadguard Elite React 350
PV7	T 2+958.995 RT TO P 10+229.133 LT																		5, SEE PVD4	
PV7	P 10+157.200 RT TO T 2+960.300 LT (HARDG)			49															SEE PVD8	
PV7	SW 10+064 RT																			
PV8	BAS 100+630.471 TO BAS 100+729.910 RT																			
PV8	BAS 100+729.910 TO BAS 100+756.306 RT																			
PV8	BAS 100+756.306 TO BAS 100+784.501 RT																		6	
PV8	BAN 100+610.000 TO BAN 100+710.000 LT																			
PV8	BAN 100+710.000 TO BAN 100+737.661 LT																			
PV8	BAN 100+737.661 TO BAN 100+751.662 LT																			
PV8	BAL 25+335.202 TO BAS 100+795.423																			
PV8	CDL2 1+765.734 TO CDL2 1+797.000 RT																			
PV8	CDL2 1+797.000 TO CDL2 1+869.000 RT																			
PV8	CDR 25+617.000 TO CDR 25+816.500 LT																			
PV8	CDR 25+627.952 TO CDR 25+724.511 RT													100						
PV8	DL 1+066.000 TO DL 1+217.000 LT																			
PV8	DL 1+173.535 TO DL 1+194.038 RT								44											
PV8	DL 1+194.038 RT TO EL 1+180.000 LT									59										
PV8	DL 1+217.000 LT TO T 3+122.000 RT																			
PV8	ER 1+112.370 TO ER 1+183.556 LT													72.8						
PV8	DR 1+031.000 TO DR 1+157.500 RT						127													
PV8	DR 1+135.000 TO DR 1+157.500 RT													7.2			1	4		
PV8	DR 1+138.670 TO DR 1+159.952 LT								45											
PV8	DR 1+042.272 TO DR 1+137.969 LT													97.4						
PV8	DR 1+159.952 TO DR 1+190.000 LT									30										
PV8	BKL 10+030.369 TO BKL 10+183.390 LT				151															
PV9	BAL 25+522.688 TO BAL 25+567.558 RT																			
PV9	CDL2 1+869.000 TO CDL2 2+069.000 RT																			
PV9	CDR 25+816.500 LT TO BAN 100+919.707 RT																			
PV9	GL 1+032.700 TO GL 1+042.129 LT																			
PV9	GL 1+038.962 TO GL 1+090.237 RT													52						
PV9	GL 1+090.237 TO GL 1+109.010 RT								41											
PV9	GL 1+110.795 TO CDL2 2+069.000 LT																			
PV9	FR 1+161.863 TO FR 1+166.000 LT													5						
PV9	FR 1+161.863 TO GR 1+085.568 LT								86											
PV10	BAN 101+036.609 TO BAN 101+210.000 RT													166					4	
PV10	CDL2 2+069.000 TO CDL2 2+221.586 RT																		8	
PV10	CDL2 2+069.000 TO CDL2 2+099.064 LT																			
<b>SHEET TOTAL</b>		326		49	151	127			216	146				443.4			1			

FOR QUANTITY TAKE OFF ONLY

DESIGNED BY	BH	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			I 405		
ENTERED BY	MJB	12/09/02			10	WASH				BELLEVUE DIRECT ACCESS	NE 4th ST. / NE 6th ST.	QPV 7
CHECKED BY	JS	12/09/02			JOB NUMBER					313	OF	1152
PROJ. ENGR.	D. CIERI	12/09/02			CONTRACT NO.					QUANTITY TABULATION - PAVING	SHEETS	1152
REGION ADM.	D. DYE	12/09/02	03/28/02	ADDED ITEMS & REVISED QUANTITIES	RGD							
		DATE	DATE	REVISION	BY							







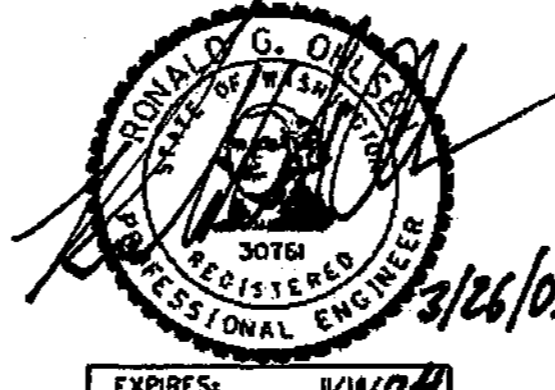





# QUANTITY TABULATION - PAVING

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	BEAM GUARDRAIL TRANSITION SECTION TYPE 3	BEAM GUARDRAIL TRANSITION SECTION TYPE 16	BEAM GUARDRAIL FLARED TERMINAL	BEAM GUARDRAIL ANCHOR TYPE 4	BEAM GUARDRAIL ANCHOR TYPE 7	PRECAST CONC. BARRIER TYPE 2	PRECAST CONC. BARRIER TYPE 4	CAST-IN-PLACE CONC. BARRIER TYPE 2A	CAST-IN-PLACE CONC. BARRIER TYPE 2B	CAST-IN-PLACE CONC. BARRIER TYPE 2C	CAST-IN-PLACE CONC. BARRIER TYPE 2D	CAST-IN-PLACE CONC. BARRIER TYPE 2E	MODIFIED CAST-IN-PLACE CONC. BARRIER LIGHT STANDARD SECTION	CAST-IN-PLACE CONC. BARRIER TSP POLE SECTION	PERMANENT IMPACT ATTENUATOR	SEE GENERAL NOTES	GENERAL NOTES:
PV11	BAN 101+210.000 TO 101+306.889 RT																1. Extruded Curb Type 1. 2. Extruded Curb Type 6. 3. Construct driveway see detail sheet PV15. 4. Use the SRT - 350 option for the beam guardrail flared terminal. 5. See Sheet RWQ1-RWQ2 for additional quantities of COB Metal Safety Railing. 6. Acceptable Impact Attenuator is 6.4 m Quadguard 7. Acceptable Impact Attenuator is 7.4 m Quadguard 8. Acceptable Impact Attenuator is: CAT Brakemaster Quadtrend-350 6.4 m Quadguard Quadguard Elite React 350
PV15	T 3+122.500 RT TO DL 1+267.000 LT (HARD)																
PV15	T 3+122.000 TO T 3+170.000 RT																
PV15	T 3+225.800 TO T 3+318.100 RT (HARDING)																
PV15	T 3+246.700 TO T 3+260.700 RT																
PV15	T 3+267.900 TO T 3+280.300 RT																
PV15	T 3+321.600 TO T 3+334.000 RT																
PV15	T 3+107.900 LT TO T 3+172.700 RT (HARDG)																
PV15	T 3+339.000 TO T 3+405.300 RT (HARDING)																
PV15	GL 1+032.700 LT TO T 3+405.300 RT (HARD)																
<b>SHEET TOTAL</b>																	
<b>PROJECT TOTAL</b>		3	1	2	2	6	95.60	967.2	1621.8	526.2	309	8.8	228.8	8	2	5	

FOR USE ONLY  
PLANS ONLY

DESIGNED BY	BH	12/09/02			REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.				I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	QPV 11	
ENTERED BY	MJB	12/09/02			JOB NUMBER		02A012							SHEET	317
CHECKED BY	JS	12/09/02			CONTRACT NO.									OF	1152
PROJ. ENGR.	D. CIERI	12/09/02												SHEETS	1152
REGION ADM.	D. DYE	12/09/02	03/28/03	COLUMNS/ROWS SHIFTED ON SHEETS	RG0							QUANTITY TABULATION - PAVING			
		DATE	DATE	REVISION	BY										



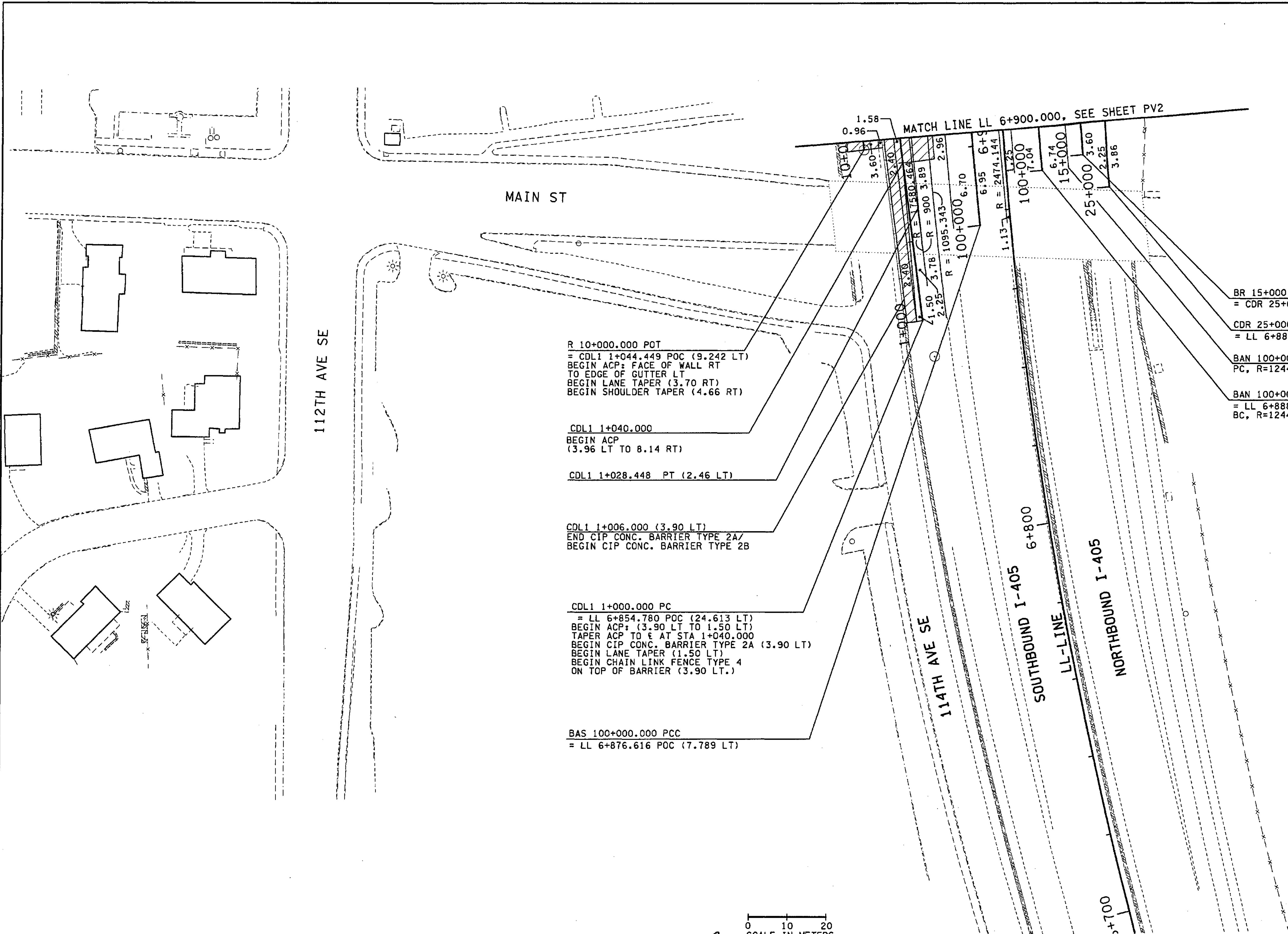


C:\PWTEMP\dms00322\pv001\_c2.dgn

PLOT1

11/27/2002 09:53:58 AM

mbenson



**LEGEND:**

- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- EXISTING RETAINING WALL
- RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- ▨ ASPHALT CONC. PAVEMENT (FULL DEPTH)
- ▩ CEMENT CONC. PAVEMENT
- ⊙ QUANTITY TABULATION NOTE FLAG

R 10+000.000 POT  
 = CDL1 1+044.449 POC (9.242 LT)  
 BEGIN ACP: FACE OF WALL RT  
 TO EDGE OF GUTTER LT  
 BEGIN LANE TAPER (3.70 RT)  
 BEGIN SHOULDER TAPER (4.66 RT)

CDL1 1+040.000  
 BEGIN ACP  
 (3.96 LT TO 8.14 RT)

CDL1 1+028.448 PT (2.46 LT)

CDL1 1+006.000 (3.90 LT)  
 END CIP CONC. BARRIER TYPE 2A/  
 BEGIN CIP CONC. BARRIER TYPE 2B

CDL1 1+000.000 PC  
 = LL 6+854.780 POC (24.613 LT)  
 BEGIN ACP: (3.90 LT TO 1.50 LT)  
 TAPER ACP TO E AT STA 1+040.000  
 BEGIN CIP CONC. BARRIER TYPE 2A (3.90 LT)  
 BEGIN LANE TAPER (1.50 LT)  
 BEGIN CHAIN LINK FENCE TYPE 4  
 ON TOP OF BARRIER (3.90 LT.)

BAS 100+000.000 PCC  
 = LL 6+876.616 POC (7.789 LT)

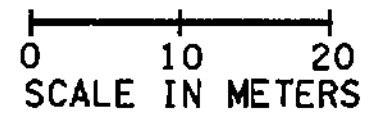
BR 15+000.000 PC  
 = CDR 25+008.475 POC (6.003 LT)

CDR 25+000.000 PC  
 = LL 6+883.212 POC (25.680 RT)

BAN 100+000.000 (6.74 RT)  
 PC, R=1244.007

BAN 100+000.000 PC  
 = LL 6+888.984 POC (9.205 RT)  
 BC, R=1244.133

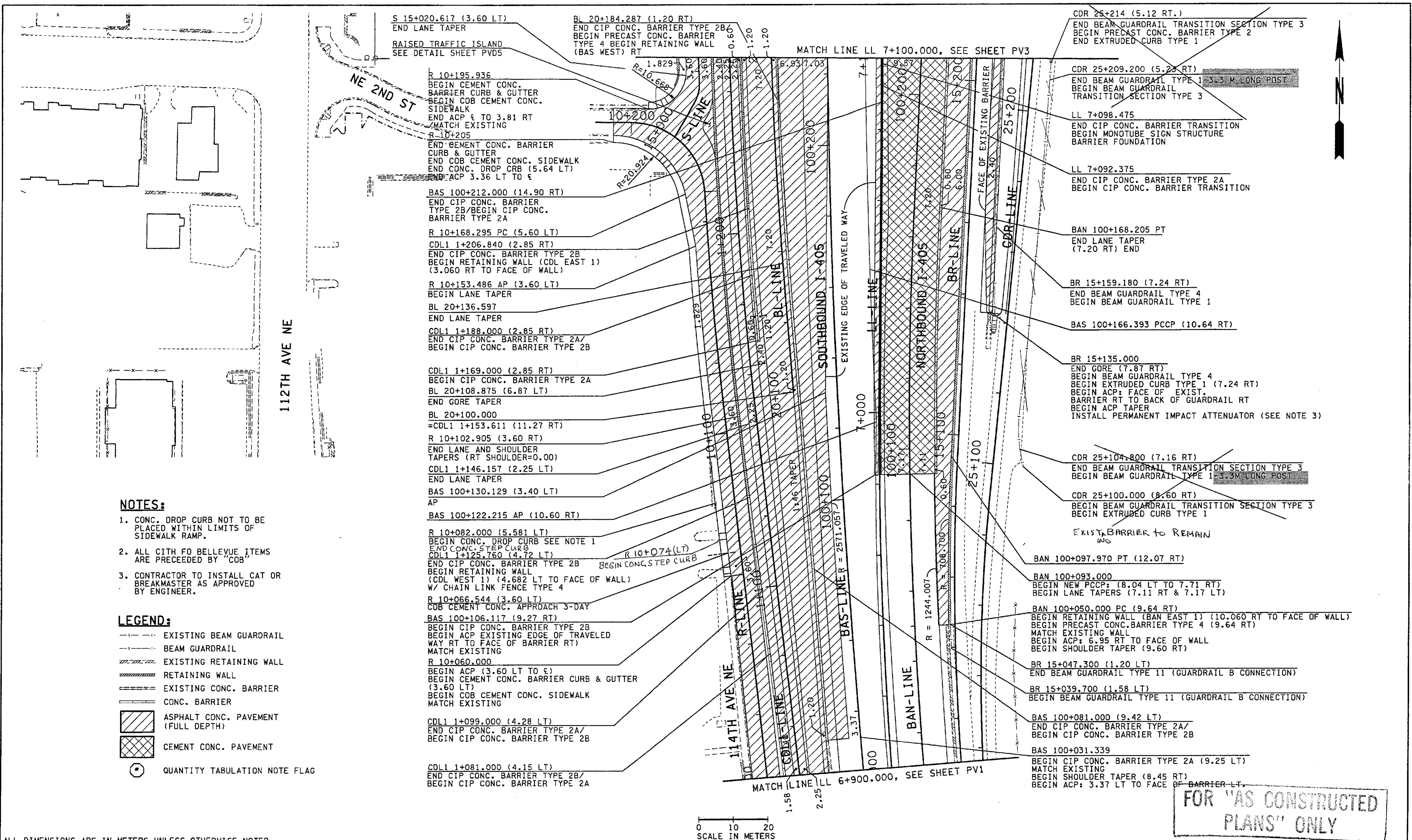
FOR "AS CONSTRUCTED  
 PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

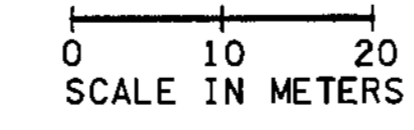
DESIGNED BY BH	12/02	REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PV1
ENTERED BY MJB	12/02	10	WASH						
CHECKED BY JRS	12/02	JOB NUMBER				HDR ENGINEERING INC.	PAVING PLAN	SHEET 319 OF 152 SHEETS	
PROJ. ENGR. D. CIERI	12/02	02A012							
REGIONAL ADM. D. DYE	12/02	CONTRACT NO.							
DATE	DATE	REVISION	BY						





- NOTES:**
1. CONC. DROP CURB NOT TO BE PLACED WITHIN LIMITS OF SIDEWALK RAMP.
  2. ALL CITH FO BELLEVUE ITEMS ARE PRECEDED BY "COB"
  3. CONTRACTOR TO INSTALL CAT OR BREAKMASTER AS APPROVED BY ENGINEER.

- LEGEND:**
- - - - - EXISTING BEAM GUARDRAIL
  - - - - - BEAM GUARDRAIL
  - ||||| EXISTING RETAINING WALL
  - ||||| RETAINING WALL
  - ==== EXISTING CONC. BARRIER
  - ==== CONC. BARRIER
  - ▨ ASPHALT CONC. PAVEMENT (FULL DEPTH)
  - ▩ CEMENT CONC. PAVEMENT
  - ⊙ QUANTITY TABULATION NOTE FLAG

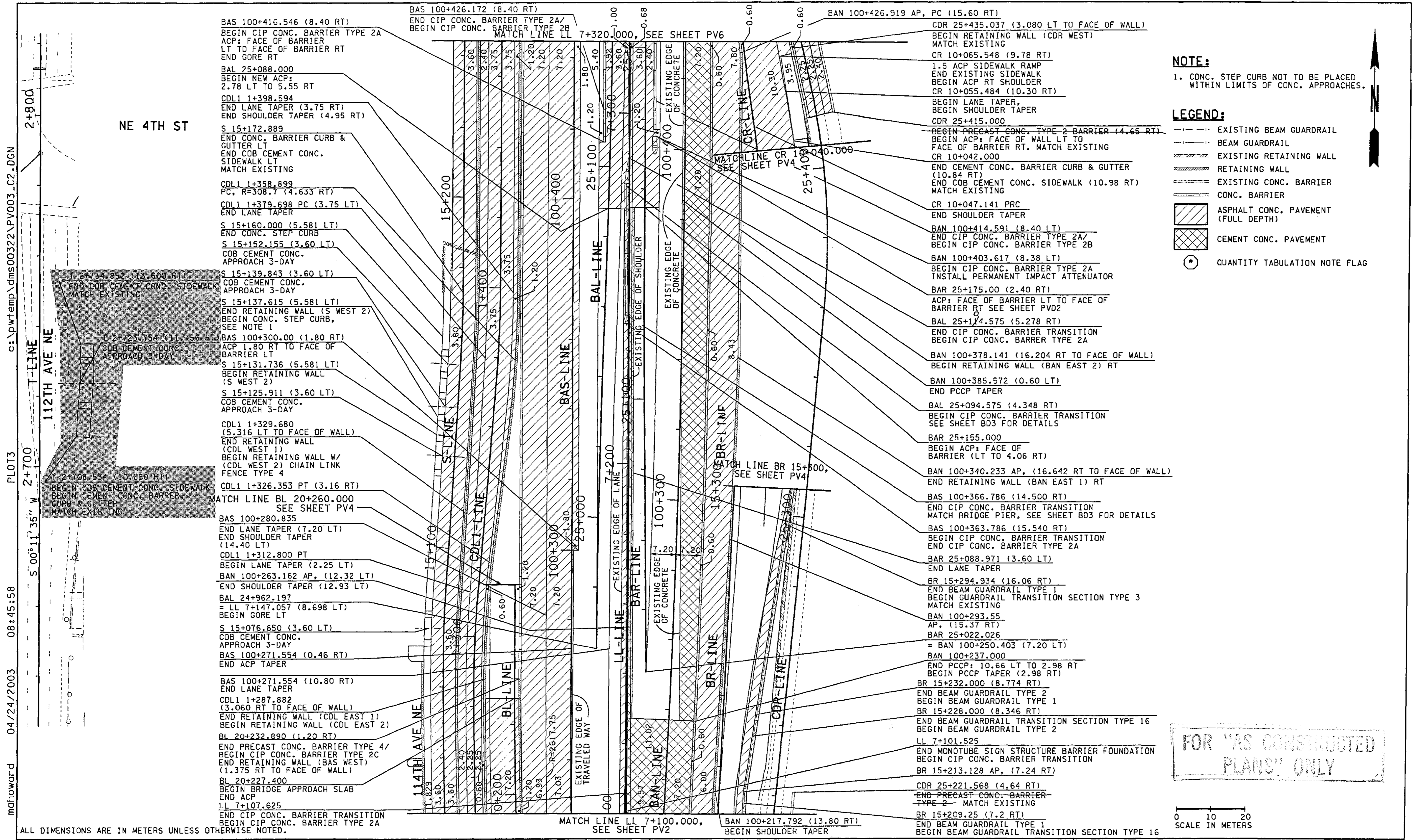


FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY BH 12/02		ENTERED BY MJB 12/02		CHECKED BY JRS 12/02		PROJ. ENGR. D. CIERI 12/02		REGIONAL ADM. D. DYE 12/02		REGION NO. 10	STATE WASH	FED. AID PROJ. NO.	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		Washington State Department of Transportation		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.		SHEET NO. PV2
DATE		DATE		ADDED NOTES		REVISION		BY		JOB NUMBER 02A012	CONTRACT NO.	3/26/03		HDR ENGINEERING INC.		PAVING PLAN		SHEET 320 OF 1152 SHEETS	





**NOTE:**  
 1. CONC. STEP CURB NOT TO BE PLACED WITHIN LIMITS OF CONC. APPROACHES.

- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - BEAM GUARDRAIL
  - EXISTING RETAINING WALL
  - RETAINING WALL
  - EXISTING CONC. BARRIER
  - CONC. BARRIER
  - ASPHALT CONC. PAVEMENT (FULL DEPTH)
  - CEMENT CONC. PAVEMENT
  - ⊛ QUANTITY TABULATION NOTE FLAG

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

DESIGNED BY BH 12/02				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		Washington State Department of Transportation		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.		SHEET NO. PV3	
ENTERED BY LLK 12/02				JOB NUMBER 02A012		PROJ. ENGR. D. CIERI 12/02		4/23/03		ADDED DRIVEWAY		RGD		SHEET 321 OF 1152 SHEETS			
CHECKED BY JRS 12/02				CONTRACT NO.		REGIONAL ADM. D. DYE 12/02		4/11/03		ADDED DRIVEWAY		RGD		PAVING PLAN			
DATE				BY		DATE		REVISION									

mahward 04/24/2003 08:45:58

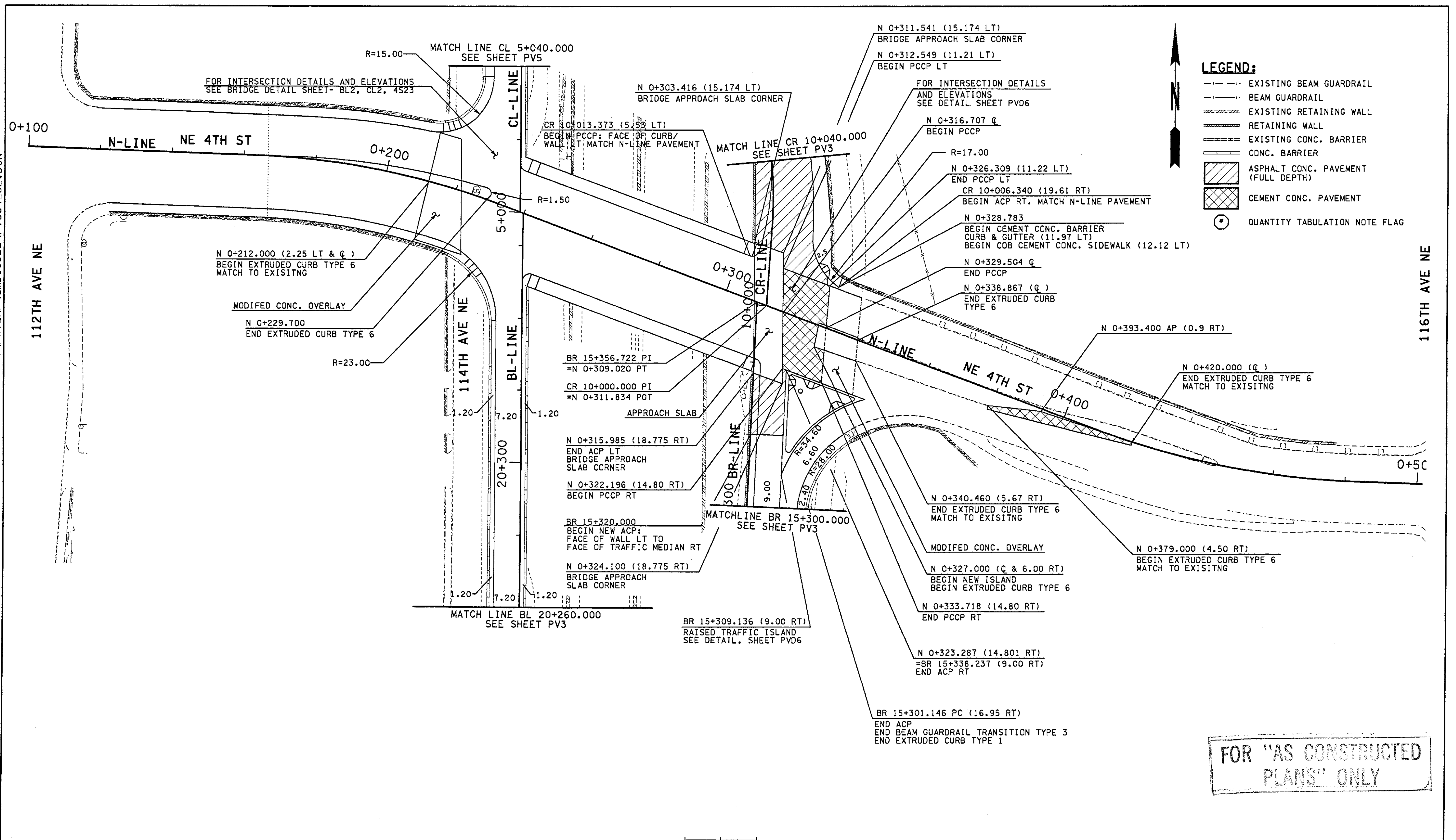
Professional Engineer Seal: ROYAL G. WILSON, LICENSE NO. 142403, EXPIRES 1/1/14

HDR ENGINEERING INC.

PAVING PLAN



C:\PWTEMP\dms00322\PV004\_C2.DGN  
PLOT4  
11/27/2002 09:55:16 AM  
mbenson



**LEGEND:**

- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- EXISTING RETAINING WALL
- RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- ASPHALT CONC. PAVEMENT (FULL DEPTH)
- CEMENT CONC. PAVEMENT
- (\*) QUANTITY TABULATION NOTE FLAG

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	BH	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	JRS	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

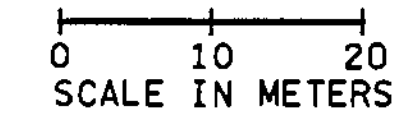
ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

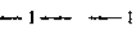
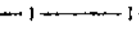
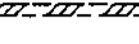
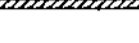





I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

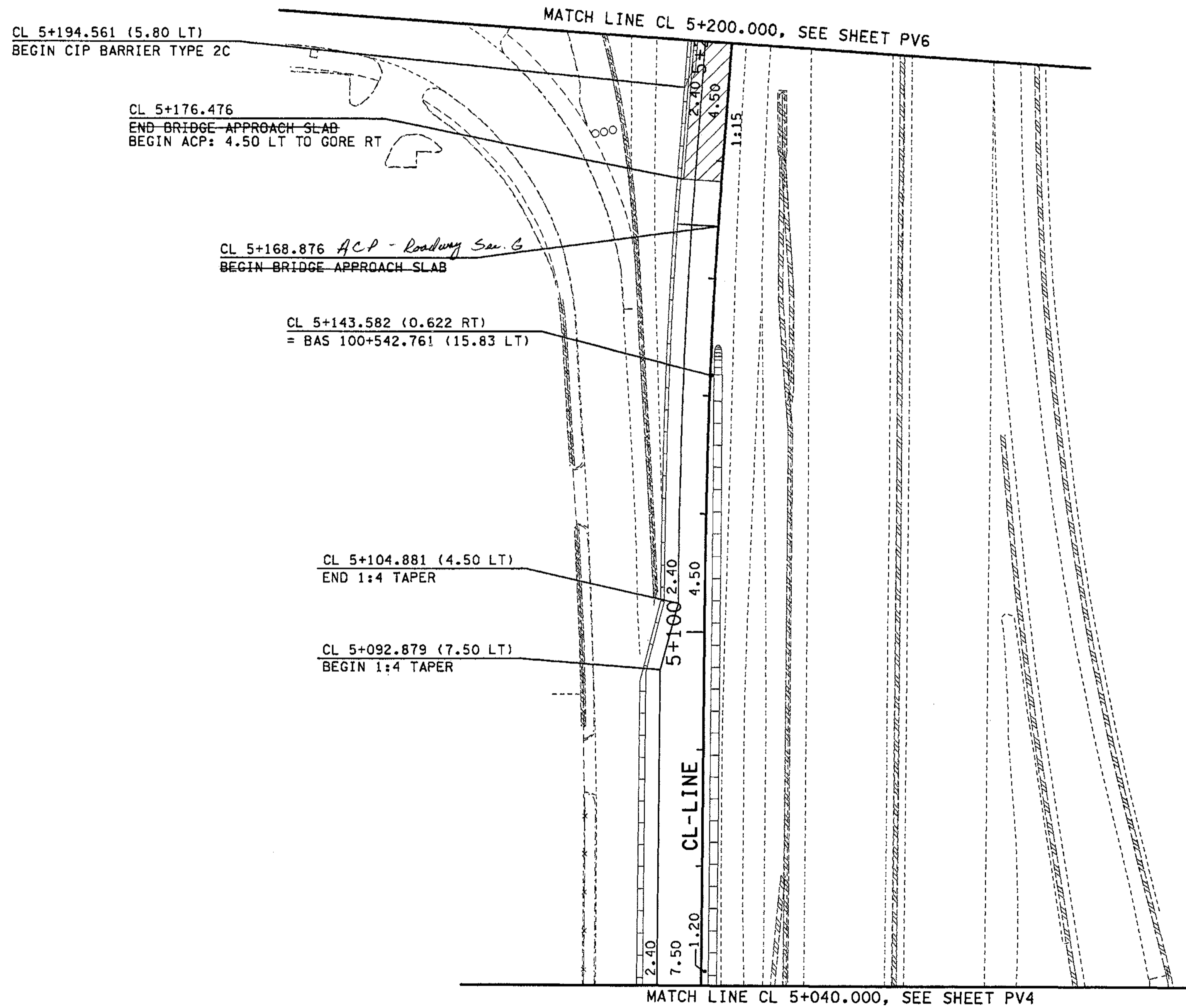
PAVING PLAN

SHEET NO. PV4  
SHEET 322 OF 1152 SHEETS

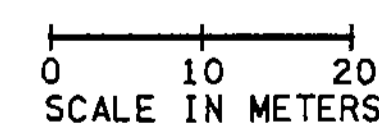


**LEGEND:**

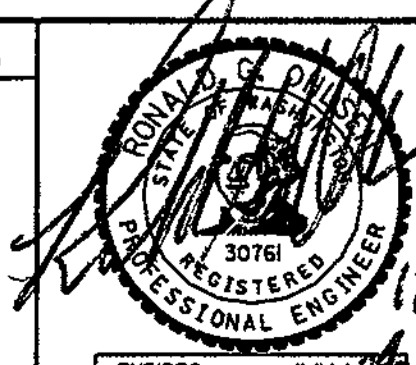


-  EXISTING BEAM GUARDRAIL
-  BEAM GUARDRAIL
-  EXISTING RETAINING WALL
-  RETAINING WALL
-  EXISTING CONC. BARRIER
-  CONC. BARRIER
-  ASPHALT CONC. PAVEMENT (FULL DEPTH)
-  CEMENT CONC. PAVEMENT
-  QUANTITY TABULATION NOTE FLAG



FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY GEW		12/02	REGION NO.		STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER	 Washington State Department of Transportation	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PV5
ENTERED BY LLK		12/02	10	WASH		JOB NUMBER 02A012					 HDR ENGINEERING INC.
CHECKED BY JRS		12/02	DATE		REVISION	BY					
PROJ. ENGR. D. CIERI		12/02	DATE		REVISION	BY					
REGIONAL ADM. D. DYE		12/02	DATE		REVISION	BY					







C:\NPTEMP\dms00322\PV007\_C2.DGN  
 PLOT7  
 03/25/2003 08:51:51 AM  
 mbenson

**LEGEND:**

- EXISTING BEAM GUARDRAIL
- BEAM GUARDRAIL
- EXISTING RETAINING WALL
- RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- ASPHALT CONC. PAVEMENT (FULL DEPTH)
- CEMENT CONC. PAVEMENT

⊙ QUANTITY TABULATION NOTE FLAG  
 SEE SIGNAL CONTROLLER  
 DETAIL, SHEET PVD4

BAR 25+401.626  
 BEGIN SHOULDER TAPERS  
 (4.20 LT AND 2.40 RT)  
 BAL 25+327.896 (4.20 RT)  
 BEGIN CIP CONC BARRIER TYPE 2A,  
 AP  
 END CONC BARRIER TYPE 2  
 TERMINAL SECTION

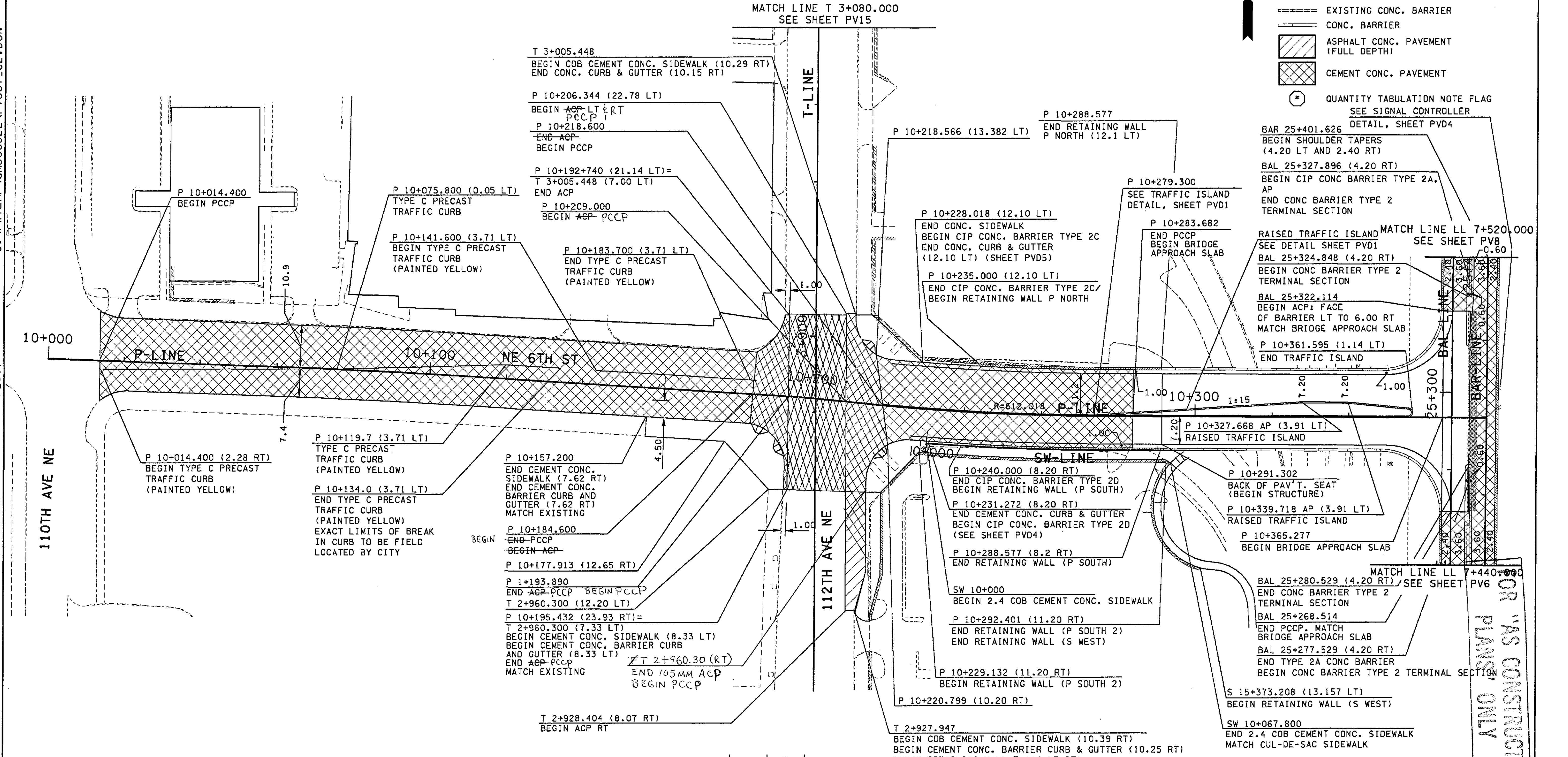
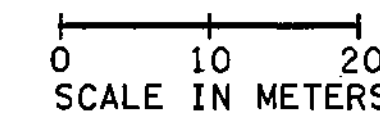
RAISED TRAFFIC ISLAND  
 SEE DETAIL SHEET PVD1  
 BAL 25+324.848 (4.20 RT)  
 BEGIN CONC BARRIER TYPE 2  
 TERMINAL SECTION  
 BAL 25+322.114  
 BEGIN ACP: FACE  
 OF BARRIER LT TO 6.00 RT  
 MATCH BRIDGE APPROACH SLAB  
 P 10+361.595 (1.14 LT)  
 END TRAFFIC ISLAND

P 10+291.302  
 BACK OF PAV'T. SEAT  
 (BEGIN STRUCTURE)  
 P 10+339.718 AP (3.91 LT)  
 RAISED TRAFFIC ISLAND  
 P 10+365.277  
 BEGIN BRIDGE APPROACH SLAB

BAL 25+280.529 (4.20 RT)  
 END CONC BARRIER TYPE 2  
 TERMINAL SECTION  
 BAL 25+268.514  
 END PCCP. MATCH  
 BRIDGE APPROACH SLAB  
 BAL 25+277.529 (4.20 RT)  
 END TYPE 2A CONC BARRIER  
 BEGIN CONC BARRIER TYPE 2 TERMINAL SECTION

S 15+373.208 (13.157 LT)  
 BEGIN RETAINING WALL (S WEST)  
 SW 10+067.800  
 END 2.4 COB CEMENT CONC. SIDEWALK  
 MATCH CUL-DE-SAC SIDEWALK

MATCH LINE T 3+080.000  
 SEE SHEET PV15



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY S. GRAFF	12/02			REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY C. SULLIVAN	12/02			10	WASH	
CHECKED BY R. FRANTZ	12/02			JOB NUMBER		
PROJ. ENGR. D. CIERI	12/02			02A012		
REGIONAL ADM. D. DYE	12/02	3/28/03	REV. BRIDGE APPROACH SLAB	CONTRACT NO.		
	DATE	DATE	REVISION	BY		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

3/25/03

3/25/03

Washington State Department of Transportation

HDR ENGINEERING INC.

Harding ESE A MACTEC COMPANY

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PAVING PLAN

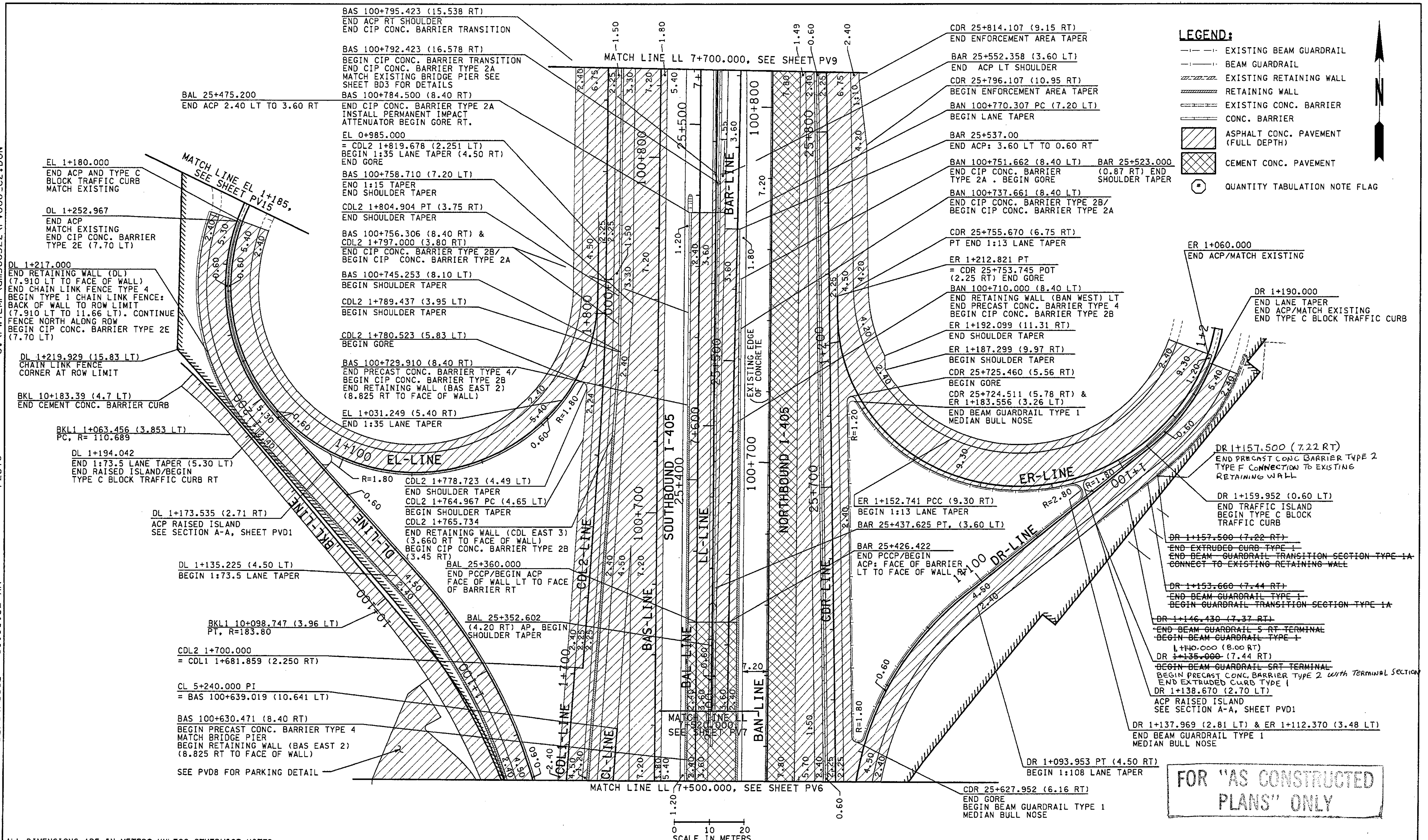
SHEET NO. PV7

SHEET 325 OF 1152 SHEETS

NOT TO BE CONSTRUCTED OR PLANNED UNLESS OTHERWISE NOTED



C:\PWTEMP\dms00322\VPV008\_C2.DGN  
 PLOTB  
 12/04/2002 08:19:32 AM  
 imbenson



**LEGEND:**

- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- /// EXISTING RETAINING WALL
- //// RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- ▨ ASPHALT CONC. PAVEMENT (FULL DEPTH)
- ▩ CEMENT CONC. PAVEMENT
- ⊛ QUANTITY TABULATION NOTE FLAG



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	BH	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	MJB	12/02	JOB NUMBER	02A012				
CHECKED BY	JRS	12/02	CONTRACT NO.					
PROJ. ENGR.	D. CIERI	12/02	DATE	DATE	REVISION	BY		
REGIONAL ADM.	D. DYE	12/02						

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

PAVING PLAN

SHEET NO. PV8

SHEET 320 OF 1152 SHEETS

FOR "AS CONSTRUCTED PLANS" ONLY



C:\PWTEMP\dms00322\PV009\_C2.DGN

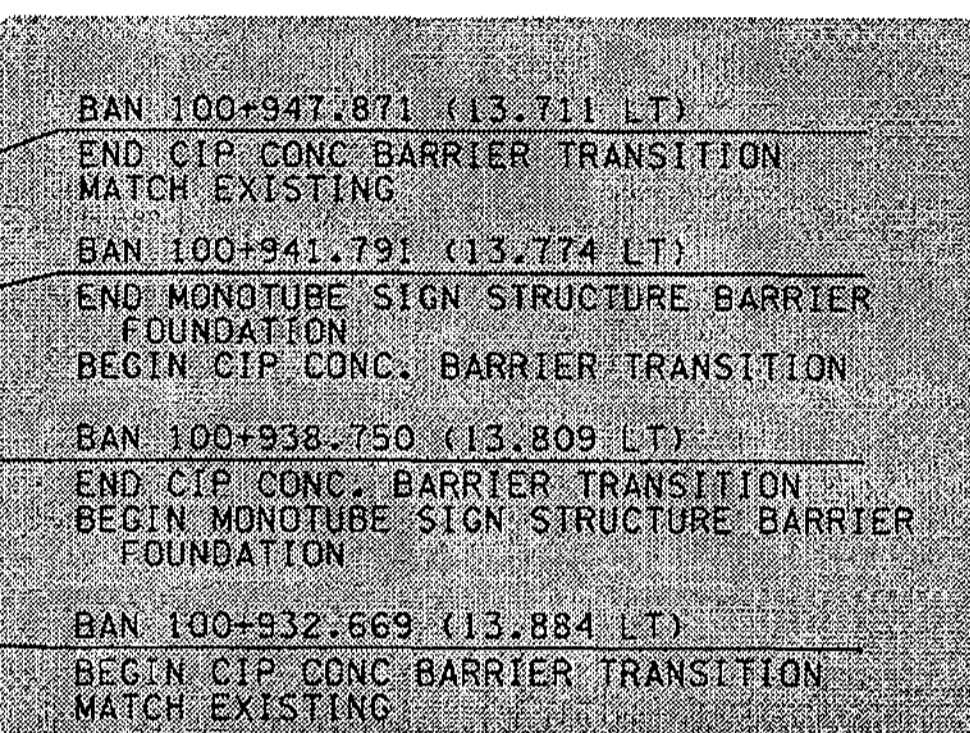
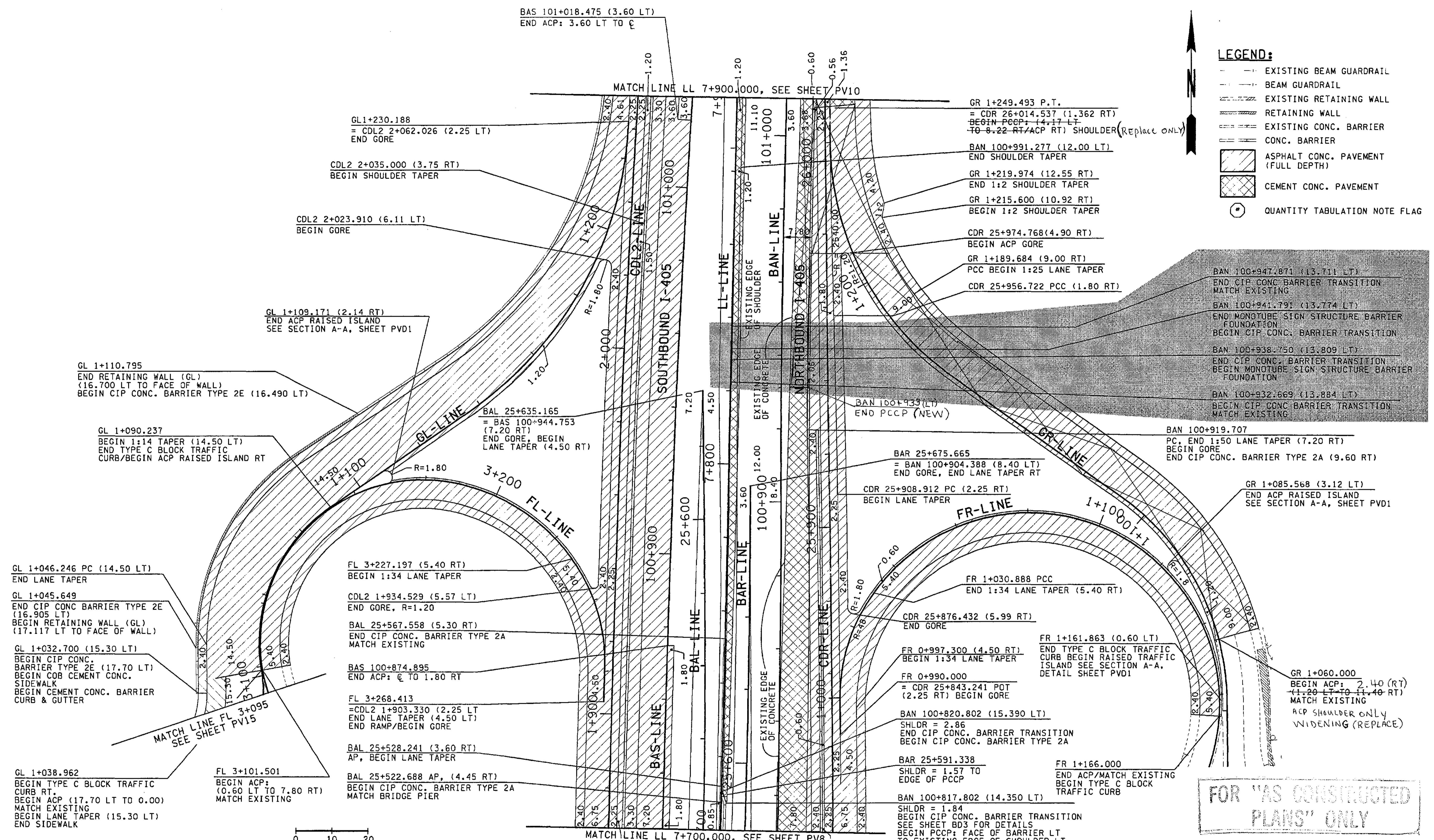
PLOT9

11:15:07 AM

04/07/2003

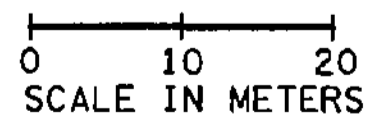
Ikeller

- LEGEND:**
- - - EXISTING BEAM GUARDRAIL
  - - - BEAM GUARDRAIL
  - - - EXISTING RETAINING WALL
  - - - RETAINING WALL
  - - - EXISTING CONC. BARRIER
  - - - CONC. BARRIER
  - [Hatched Box] ASPHALT CONC. PAVEMENT (FULL DEPTH)
  - [Cross-hatched Box] CEMENT CONC. PAVEMENT
  - (\*) QUANTITY TABULATION NOTE FLAG



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.



DESIGNED BY	BH	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.	
ENTERED BY	LLK	12/02	JOB NUMBER	02A012				
CHECKED BY	JRS	12/02	CONTRACT NO.					
PROJ. ENGR.	D. CIERI	12/02	DATE	4/11/03	REVISION	ADDED SIGN STRUCTURE	RCO	
REGIONAL ADM.	D. DYE	12/02	DATE		REVISION			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER
Washington State Department of Transportation
HDR ENGINEERING INC.

Professional Engineer Seal: RONALD O. KELLER, LICENSE NO. 147103, EXPIRES 11/14/04

Washington State Department of Transportation logo and HDR Engineering Inc. logo.

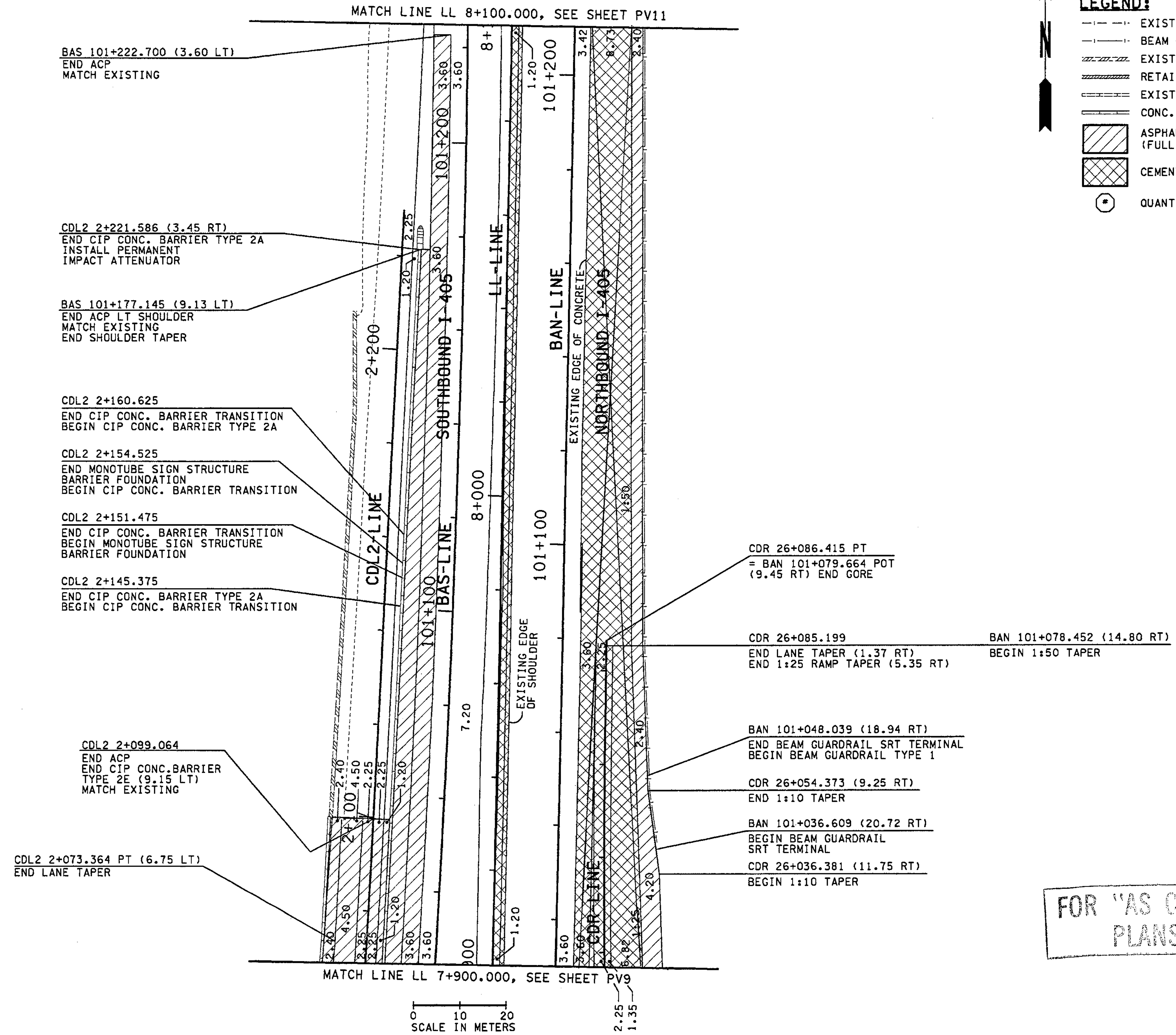
I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. PAVING PLAN SHEET NO. PV9 OF 1152 SHEETS





**LEGEND:**

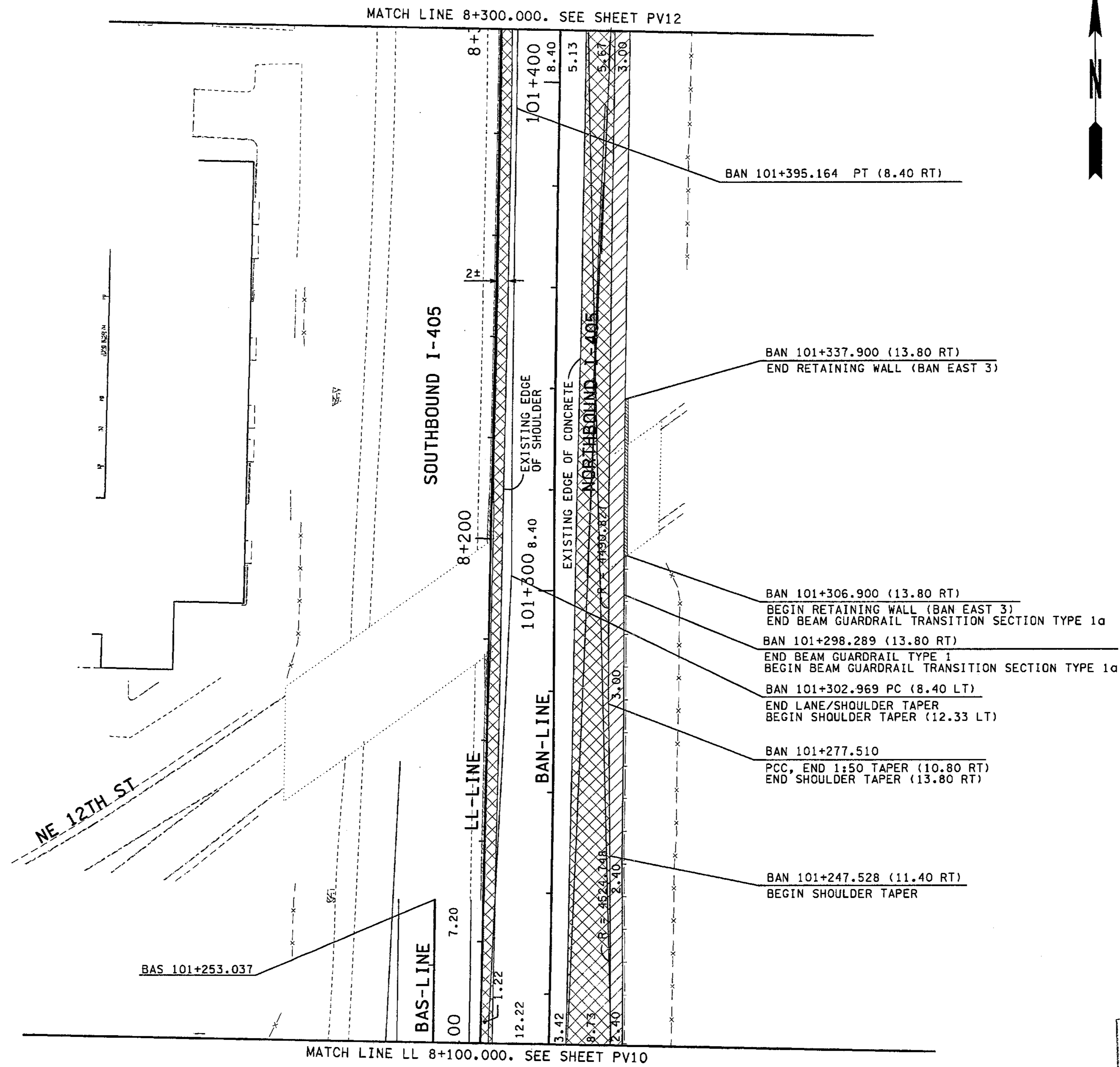
- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- /// EXISTING RETAINING WALL
- //// RETAINING WALL
- ==== EXISTING CONC. BARRIER
- ===== CONC. BARRIER
- [Diagonal Hatching] ASPHALT CONC. PAVEMENT (FULL DEPTH)
- [Cross-hatching] CEMENT CONC. PAVEMENT
- (\*) QUANTITY TABULATION NOTE FLAG



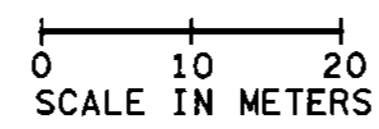
FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY BH	12/02			REGION NO. 10	STATE WASH	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. PAVING PLAN	SHEET NO. PV10
ENTERED BY LLK	12/02			JOB NUMBER 02A012		SHEET 328				
CHECKED BY JRS	12/02			CONTRACT NO.		1152				
PROJ. ENGR. D. CIERI	12/02					SHEETS				
REGIONAL ADM. D. DYE	12/02									
	DATE	DATE	REVISION	BY						



FOR "AS CONSTRUCTED  
PLANS" ONLY

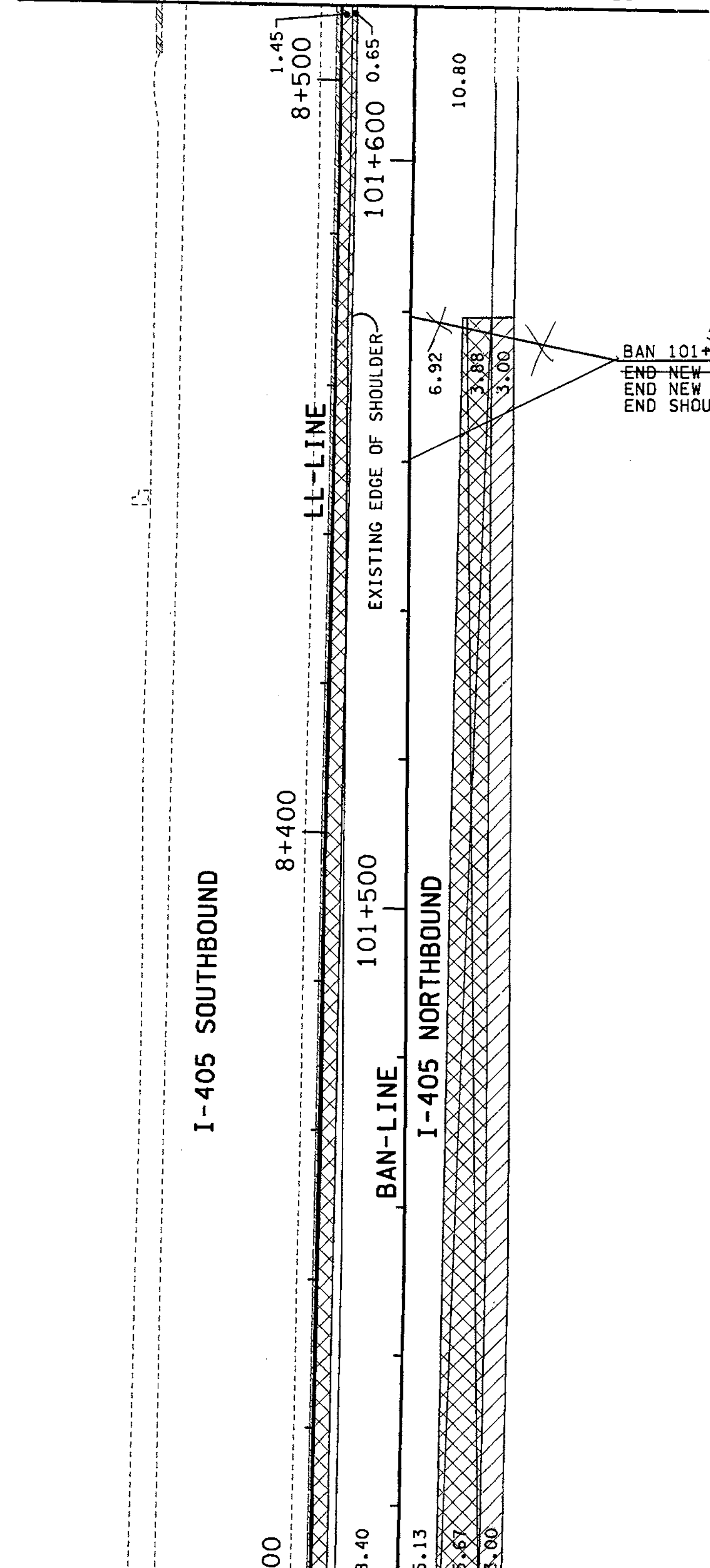


ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY BH	12/02			REGION NO. 10	STATE WASH	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PV11	
ENTERED BY LLK	12/02			JOB NUMBER 02A012							PAVING PLAN	329 1152 SHEETS
CHECKED BY JRS	12/02			CONTRACT NO.								
PROJ. ENGR. D. CIERI	12/02											
REGIONAL ADM. D. DYE	12/02			DATE	DATE	REVISION	BY					



MATCH LINE BAN 101+620.000, SEE SHEET PV13



**LEGEND:**

- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- /// EXISTING RETAINING WALL
- //// RETAINING WALL
- ==== EXISTING CONC. BARRIER
- ===== CONC. BARRIER
- [Hatched Box] ASPHALT CONC. PAVEMENT (FULL DEPTH)
- [Cross-hatched Box] CEMENT CONC. PAVEMENT
- (\*) QUANTITY TABULATION NOTE FLAG

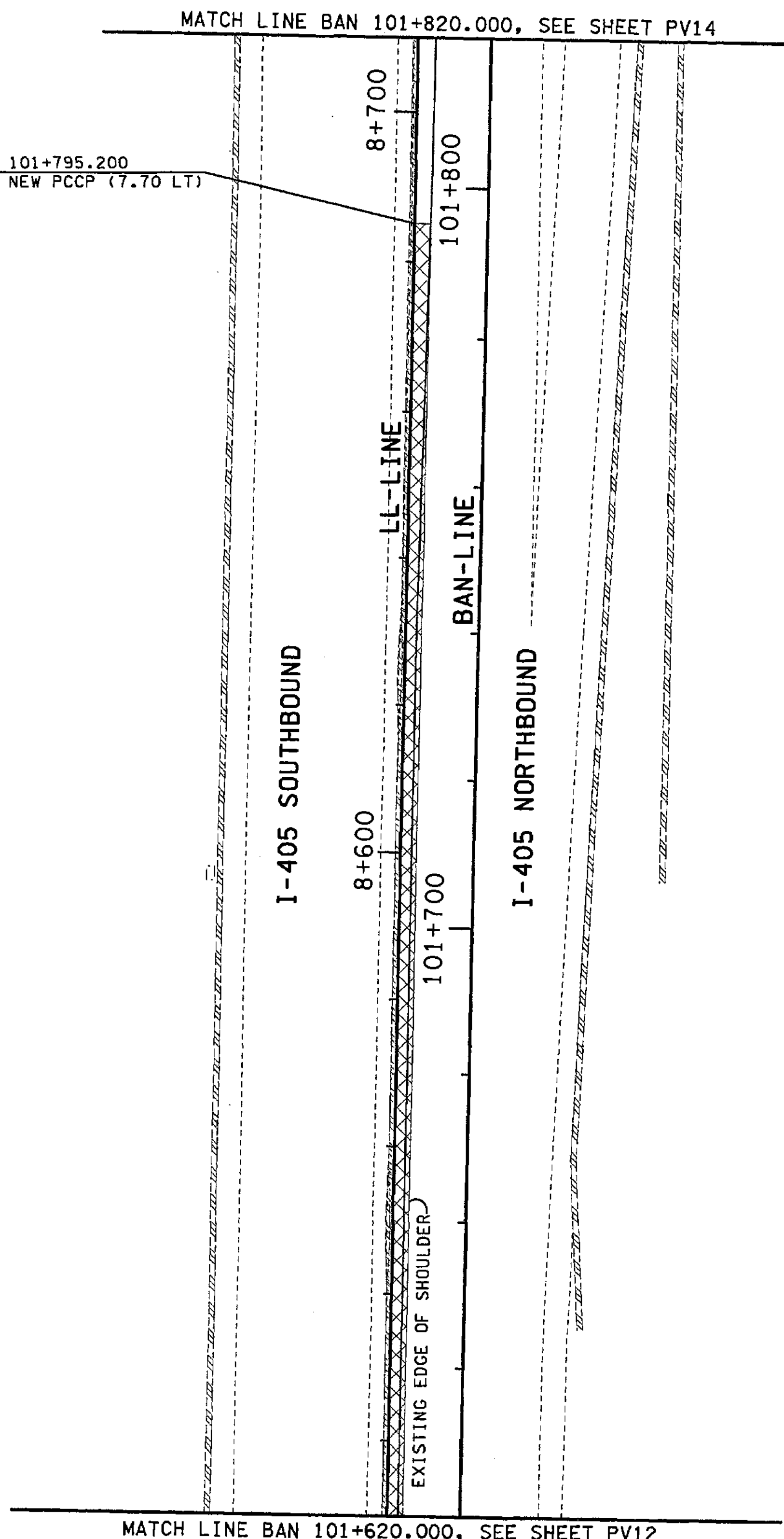
FOR "AS CONSTRUCTION PLANS" ONLY

MATCH LINE LL 8+300.000, SEE SHEET PV11

0 10 20  
SCALE IN METERS

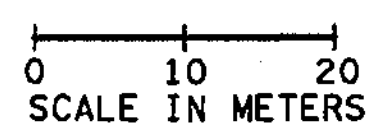
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY BH	12/02				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PV12 SHEET 330 SHEETS 1152
ENTERED BY LLK	12/02				JOB NUMBER 02A012						
CHECKED BY JRS	12/02				CONTRACT NO.						
PROJ. ENGR. D. CIERI	12/02										
REGIONAL ADM. D. DYE	12/02										
	DATE	DATE	REVISION	BY							



- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - - - BEAM GUARDRAIL
  - //// EXISTING RETAINING WALL
  - //// RETAINING WALL
  - ==== EXISTING CONC. BARRIER
  - ==== CONC. BARRIER
  - ▨ ASPHALT CONC. PAVEMENT (FULL DEPTH)
  - ▩ CEMENT CONC. PAVEMENT
  - ⊛ QUANTITY TABULATION NOTE FLAG

FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY BH		12/02	REGION NO. STATE		10 WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PV13
ENTERED BY LLK		12/02	JOB NUMBER		02A012	CONTRACT NO.						
CHECKED BY JRS		12/02	DATE	DATE	REVISION	BY						
PROJ. ENGR. D. CIERI		12/02										
REGIONAL ADM. D. DYE		12/02										





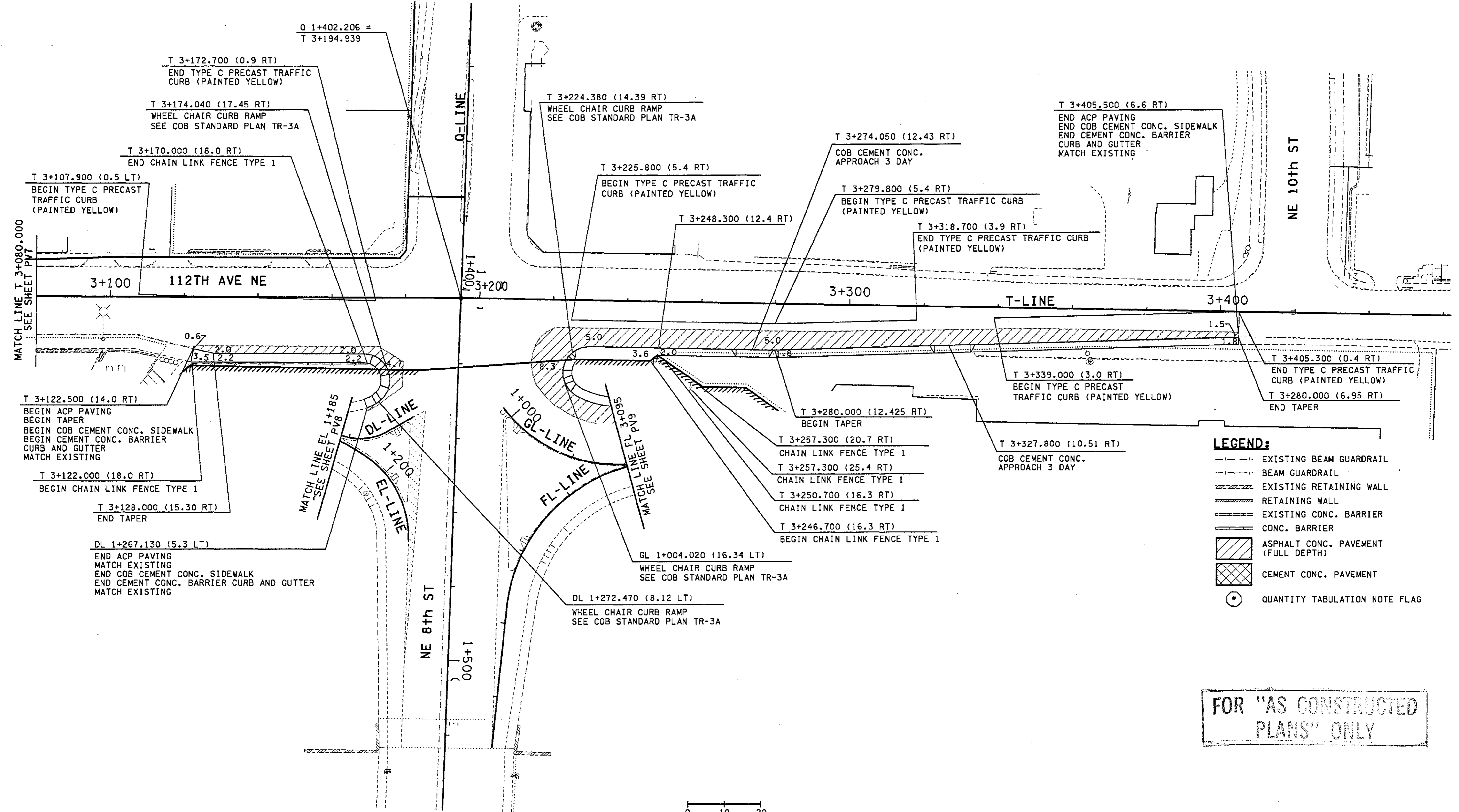
C:\PW\_TEMP\dms00322\p015\_c2.dgn

PLOT16

10:40:48 AM

12/04/2002

Jagavidia



- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - BEAM GUARDRAIL
  - EXISTING RETAINING WALL
  - RETAINING WALL
  - EXISTING CONC. BARRIER
  - CONC. BARRIER
  - ASPHALT CONC. PAVEMENT (FULL DEPTH)
  - CEMENT CONC. PAVEMENT
  - QUANTITY TABULATION NOTE FLAG

FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	S. GRAFF	12/02		
ENTERED BY	C. SULLIVAN	12/02		
CHECKED BY	R. FRANTZ	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

RONALD H. KLINDT  
REGISTERED PROFESSIONAL ENGINEER  
12/4/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PAVING PLAN

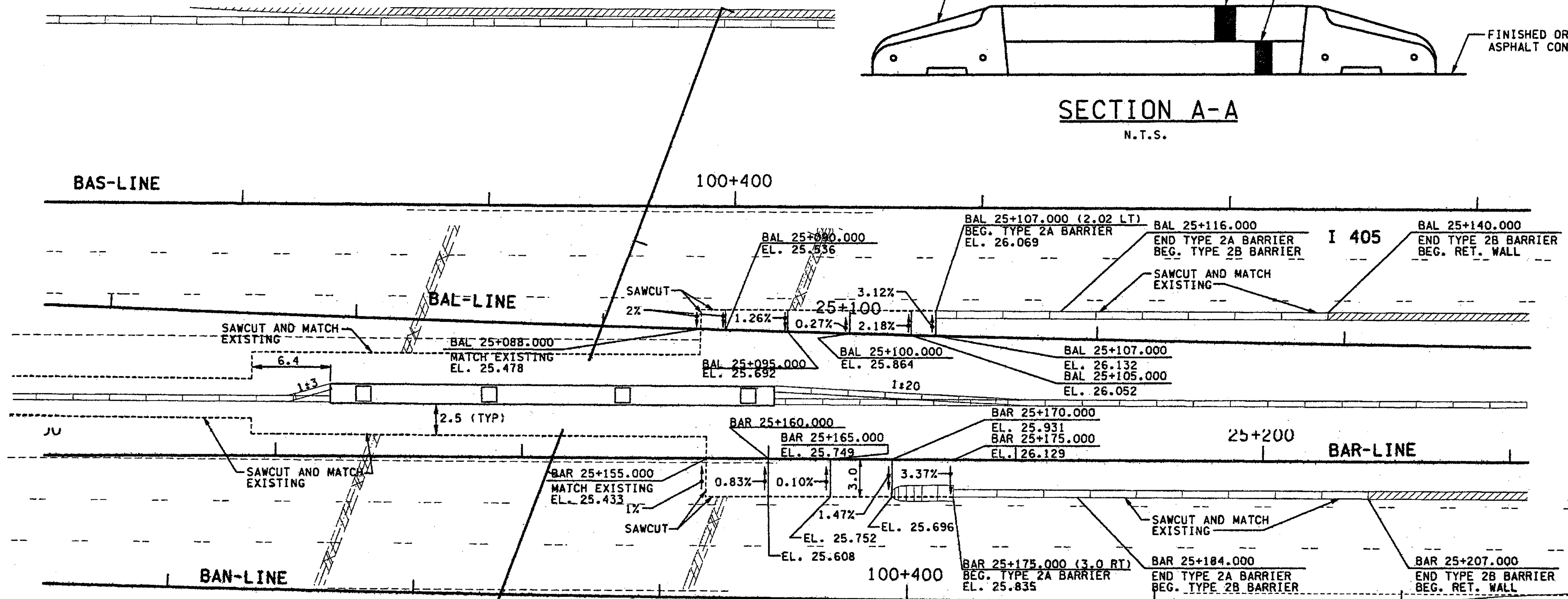
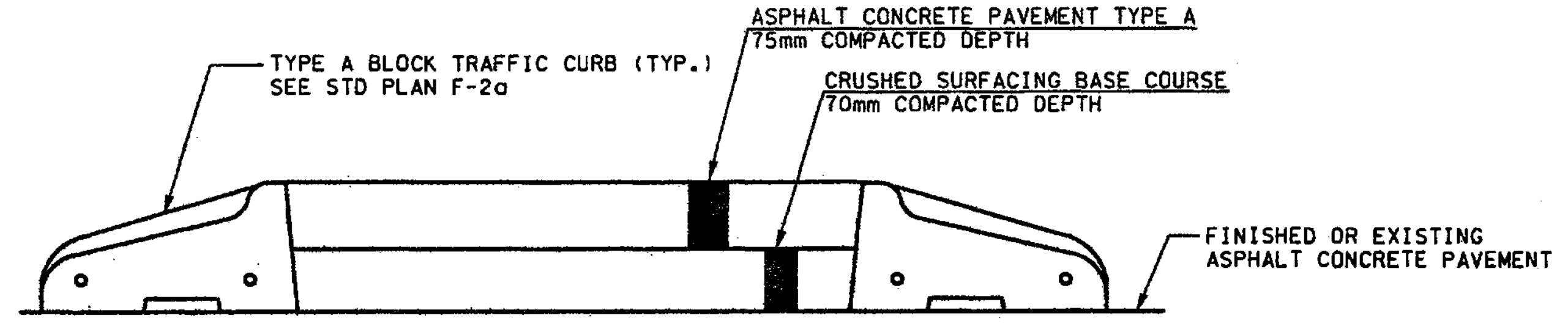
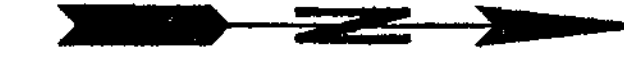
SHEET NO  
PV15

SHEET  
333  
OF  
152  
SHEETS



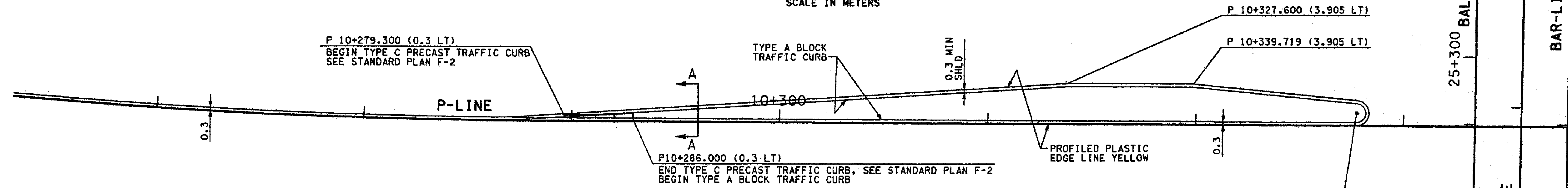
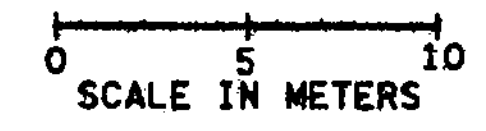
**NOTES:**

1. ALL ELEVATIONS TO MATCH EXISTING SHOULD BE FIELD VERIFIED.
2. ALL ELEVATIONS ON SB HOV AND MAINLINE HAVE BEEN ADJUSTED TO REFLECT A 45mm OVERLAY ON EXISTING PAVEMENT TO REMAIN IN PLACE.

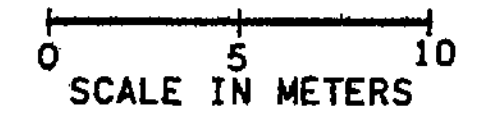


FOR "AS CONSTRUCTED PLANS" ONLY

**BAL AND BAR GORE AREA DETAIL**



**TRAFFIC ISLAND DETAIL**



C:\PWTEMP\dms00322\pvd001\_c2.dgn  
PLOT...  
11/27/2002 09:59:18 AM  
mbenson

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	12/02					
ENTERED BY	LLK	12/02					
CHECKED BY	JRS	12/02					
PROJ. ENGR.	D. CIERI	12/02					
REGIONAL ADM.	D. DYE	12/02					
	DATE	DATE	REVISION	BY			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PAVING DETAILS

SHEET NO  
PVD1

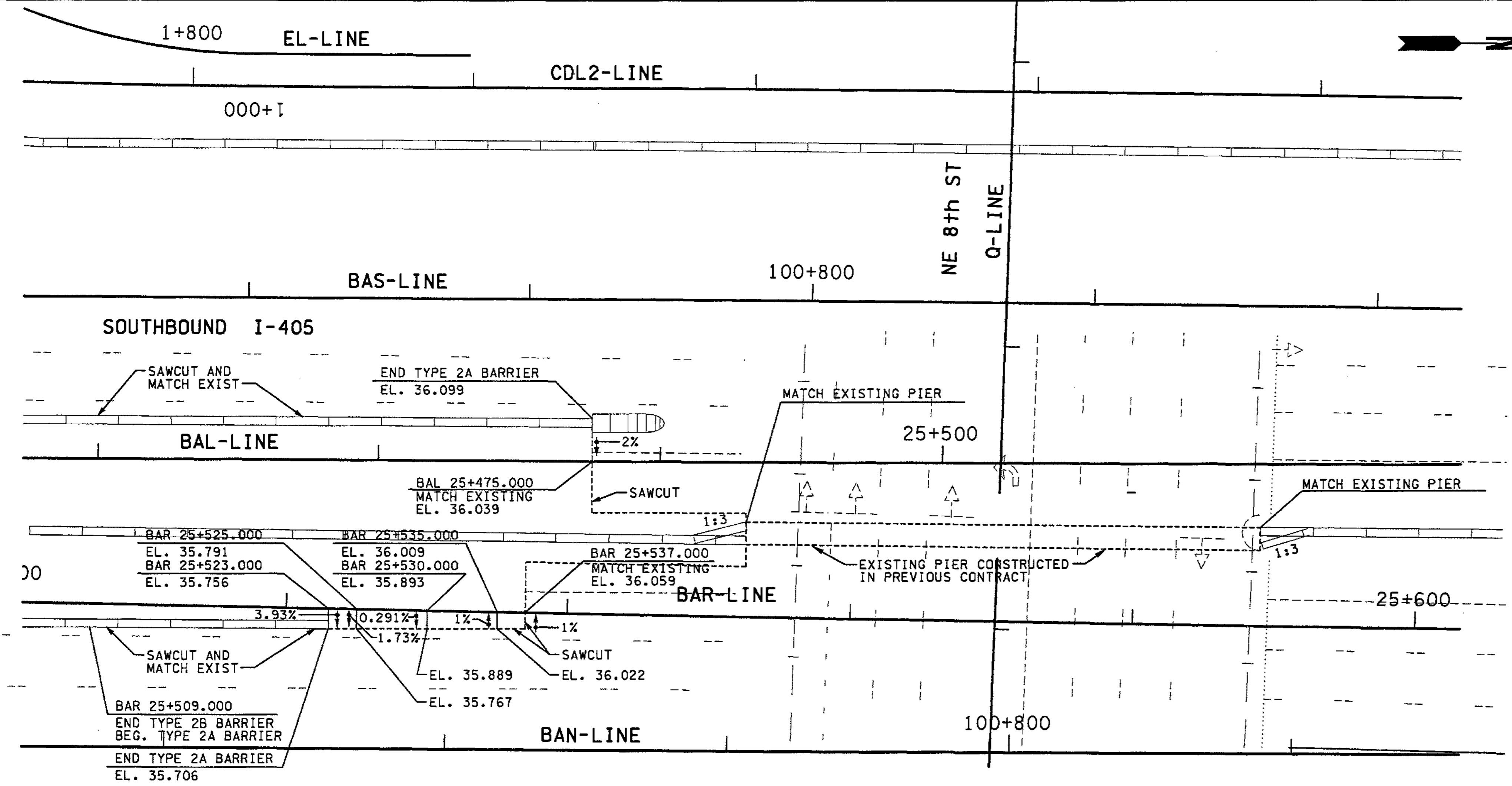
SHEET  
334  
OF  
1152  
SHEETS

C:\PWTEMP\dms00322\pvd002\_c2.dgn

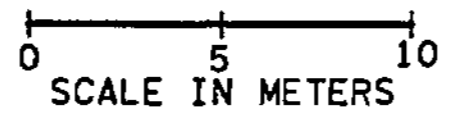
PLOT16

11/27/2002 09:59:33 AM

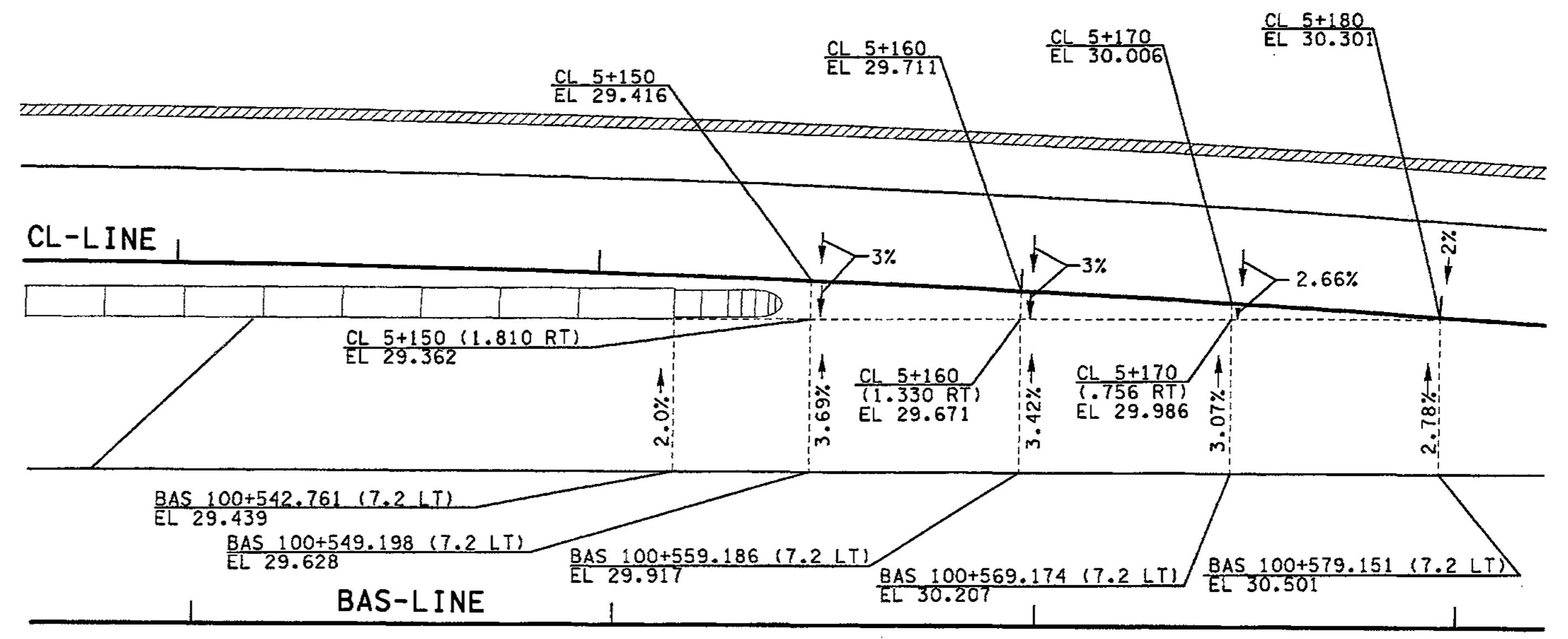
mbenson



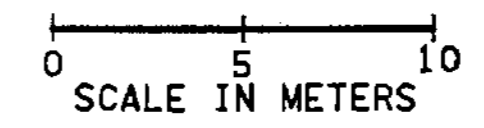
### BAR GORE AREA DETAIL



FOR "AS CONSTRUCTED PLANS" ONLY



### CL GORE AREA DETAIL



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	12/02								
ENTERED BY LLK	12/02								
CHECKED BY JRS	12/02								
PROJ. ENGR. D. CIERI	12/02								
REGIONAL ADM. D. DYE	12/02								
DATE	DATE	REVISION	BY						

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

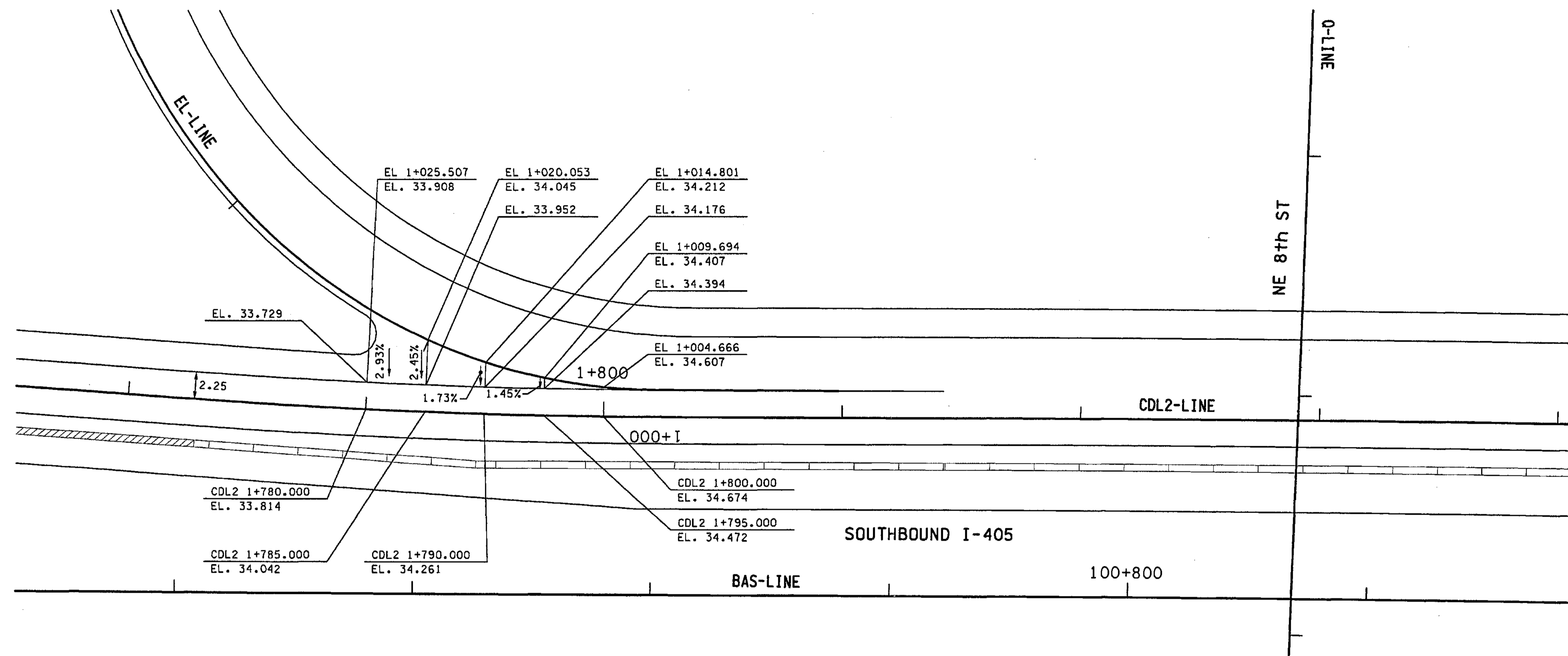
PAVING DETAILS

SHEET NO. PVD2

SHEET 335 OF 1152 SHEETS

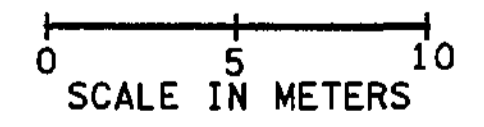


C:\PWTEMP\dms00322\pvd003\_C2.dgn  
 PLOT16  
 11/27/2002 09:59:42 AM  
 mbenson



**EL RAMP GORE AREA DETAIL**

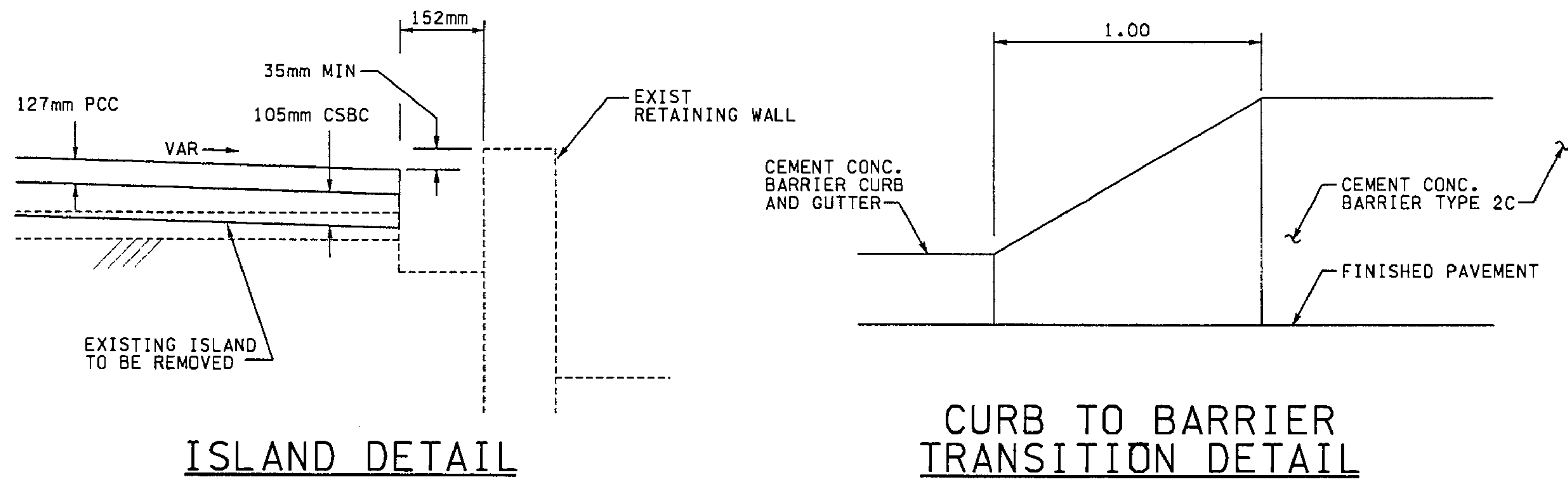
FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

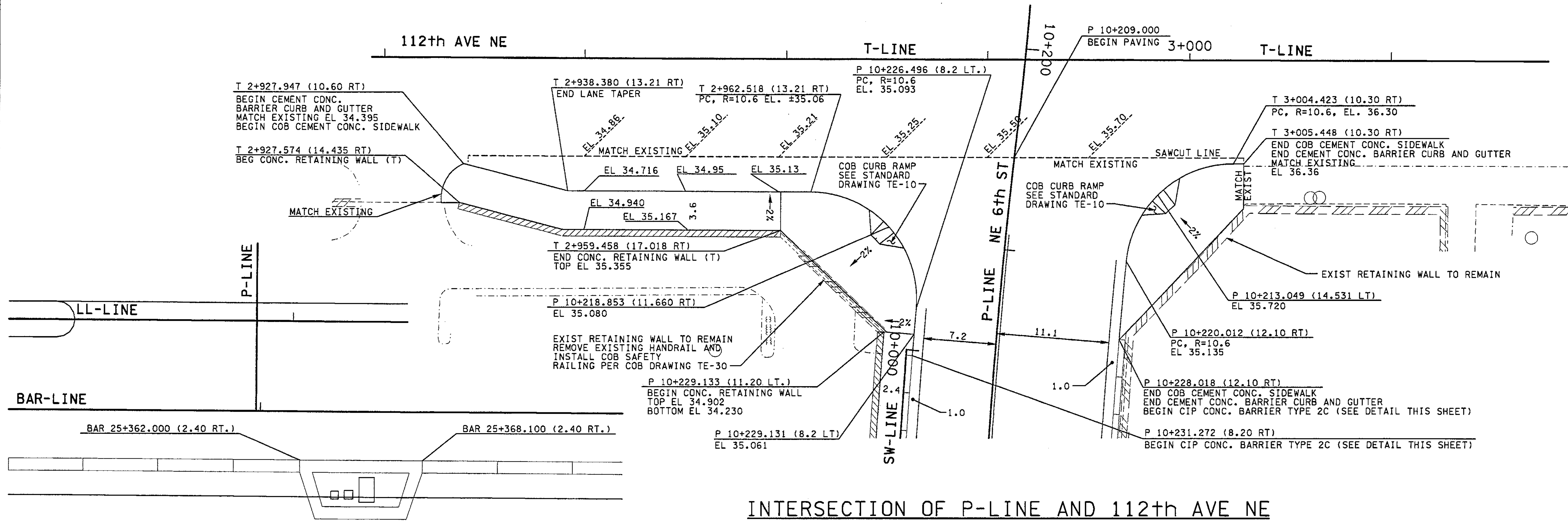
DESIGNED BY MH	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO <b>336</b> SHEETS <b>1152</b>
ENTERED BY LLK	12/02		10	WASH						
CHECKED BY JRS	12/02		JOB NUMBER	02A012						
PROJ. ENGR. D. CIERI	12/02		CONTRACT NO.							
REGIONAL ADM. D. DYE	12/02		DATE	DATE	REVISION	BY			PAVING DETAILS	

C:\PWTEMP\dms00322\PVD004\_C2.dgn  
 PLOT16  
 12/04/2002 09:05:37 AM  
 mbenson



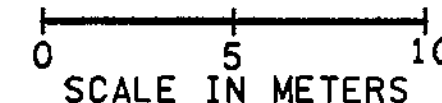
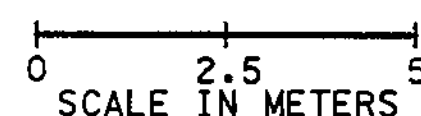
ISLAND DETAIL

CURB TO BARRIER TRANSITION DETAIL



INTERSECTION OF P-LINE AND 112th AVE NE

SIGNAL CONTROLLER CABINETS



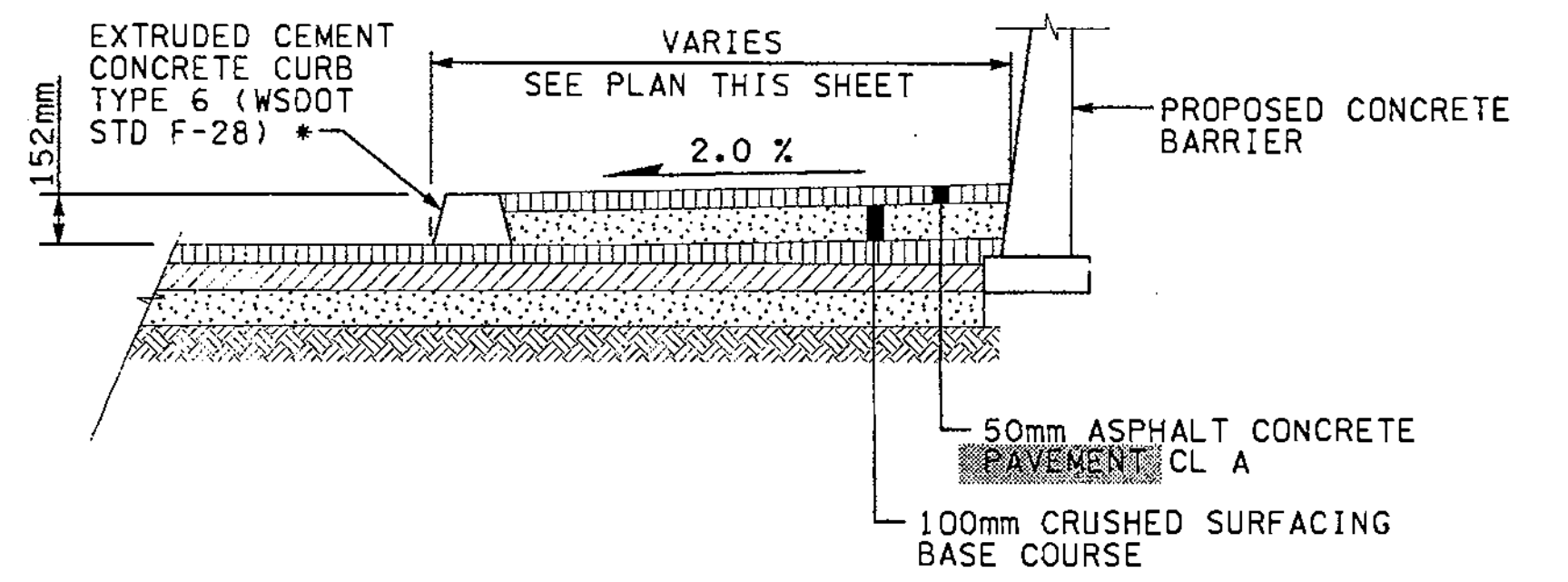
FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	12/02			REGION NO. 10	STATE WASH	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  Washington State Department of Transportation  HDR ENGINEERING INC.	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. PAVING DETAILS	SHEET NO. PVD4
ENTERED BY MJB	12/02		JOB NUMBER 02A012			SHEET 357				
CHECKED BY JRS	12/02		CONTRACT NO.			1152				
PROJ. ENGR. D. CIERI	12/02					SHEETS				
REGIONAL ADM. D. DYE	12/02									
DATE	DATE	REVISION	BY							



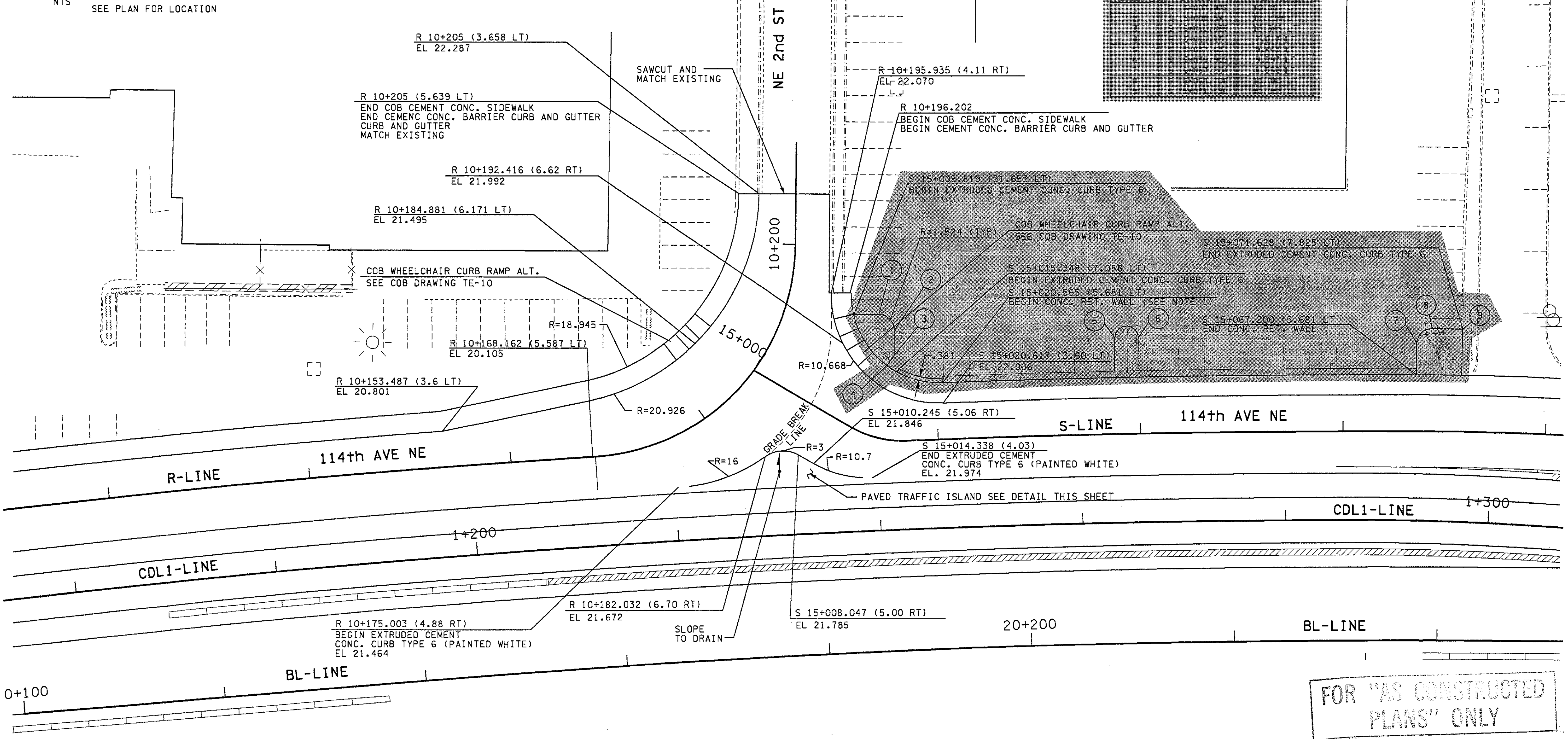
C:\PWTEMP\dms00322\PVD005\_c2.dgn  
PLOT--  
04:55:15 PM  
03/24/2003  
I Keller



**PAVED TRAFFIC ISLAND TYPICAL SECTION**  
NTS SEE PLAN FOR LOCATION

NOTE:  
SEE PAGES FOR LOCATION OF RETAINING WALL & EXTRUDED CURB.

EXTRUDED CURB DATA		
NUMBER	STATION	OFFSET
1	S 15+007.832	10.800 LT
2	S 15+008.541	11.130 LT
3	S 15+010.059	10.345 LT
4	S 15+011.116	7.015 LT
5	S 15+011.421	9.440 LT
6	S 15+013.905	9.297 LT
7	S 15+017.204	8.552 LT
8	S 15+020.700	10.081 LT
9	S 15+021.430	20.052 LT



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	12/02			REGION NO. 10	STATE WASH	FED.AID PROJ.NO.				I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PVD5
ENTERED BY LLK	12/02			JOB NUMBER 02A012							SHEET 338 OF 1152 SHEETS
CHECKED BY JRS	12/02			CONTRACT NO.							PAVING DETAILS
PROJ. ENGR. D. CIERI	12/02	3/28/03	ADDED RET. WALL & CURB	RGD							
REGIONAL ADM. D. DYE	12/02										
DATE	DATE	DATE	REVISION	BY							



C:\PWTEMP\dms00322\VPVD006\_C2.dgn

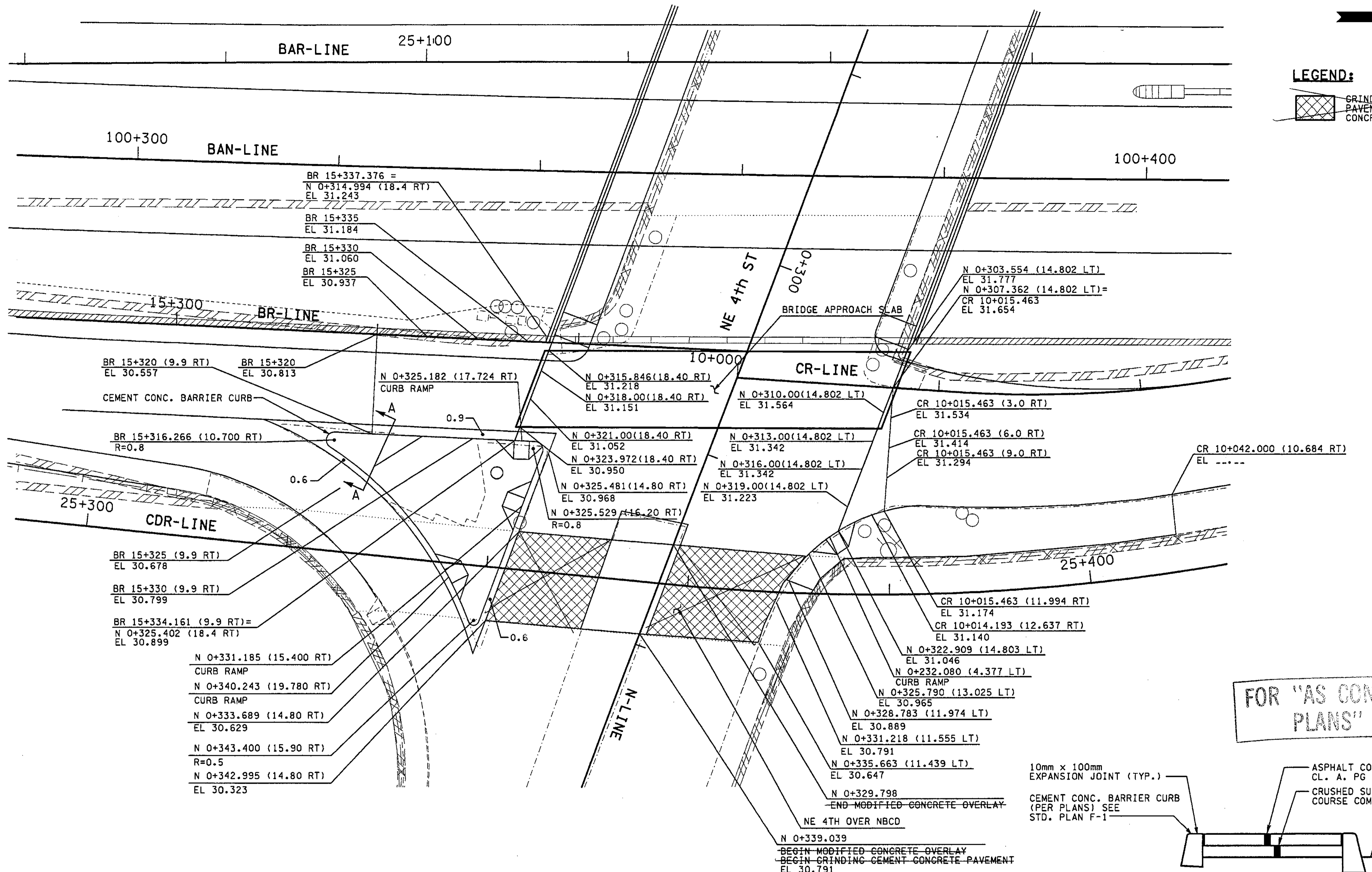
PL0116

11/27/2002 10:00:12 AM

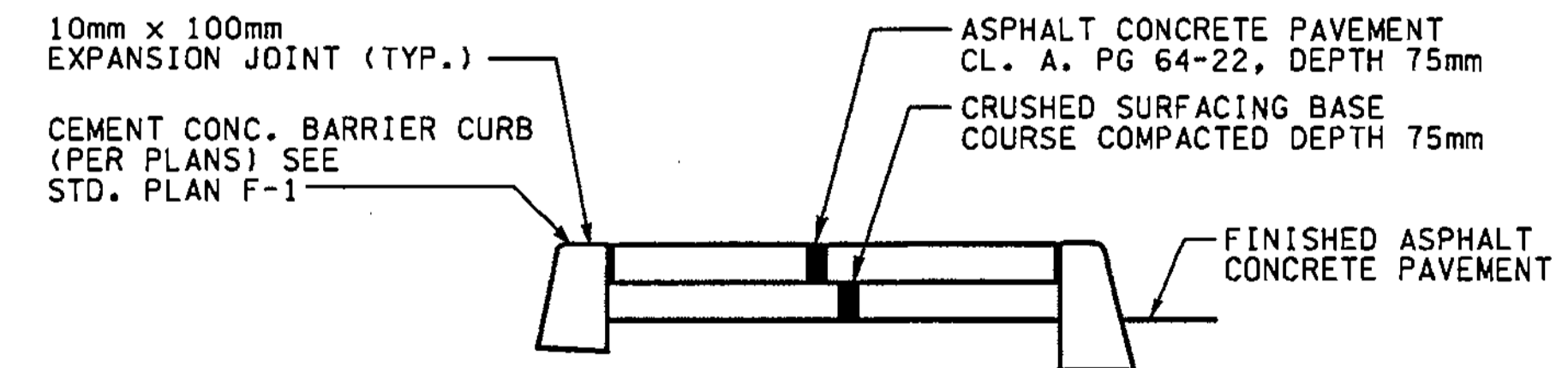
mbenson



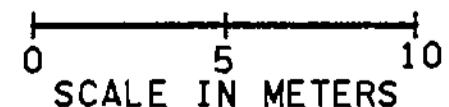
LEGEND:



FOR "AS CONSTRUCTED PLANS" ONLY



INTERSECTION OF N-LINE AND CDR-LINE



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	12/02			
ENTERED BY	LLK	12/02			
CHECKED BY	JRS	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/16/02

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

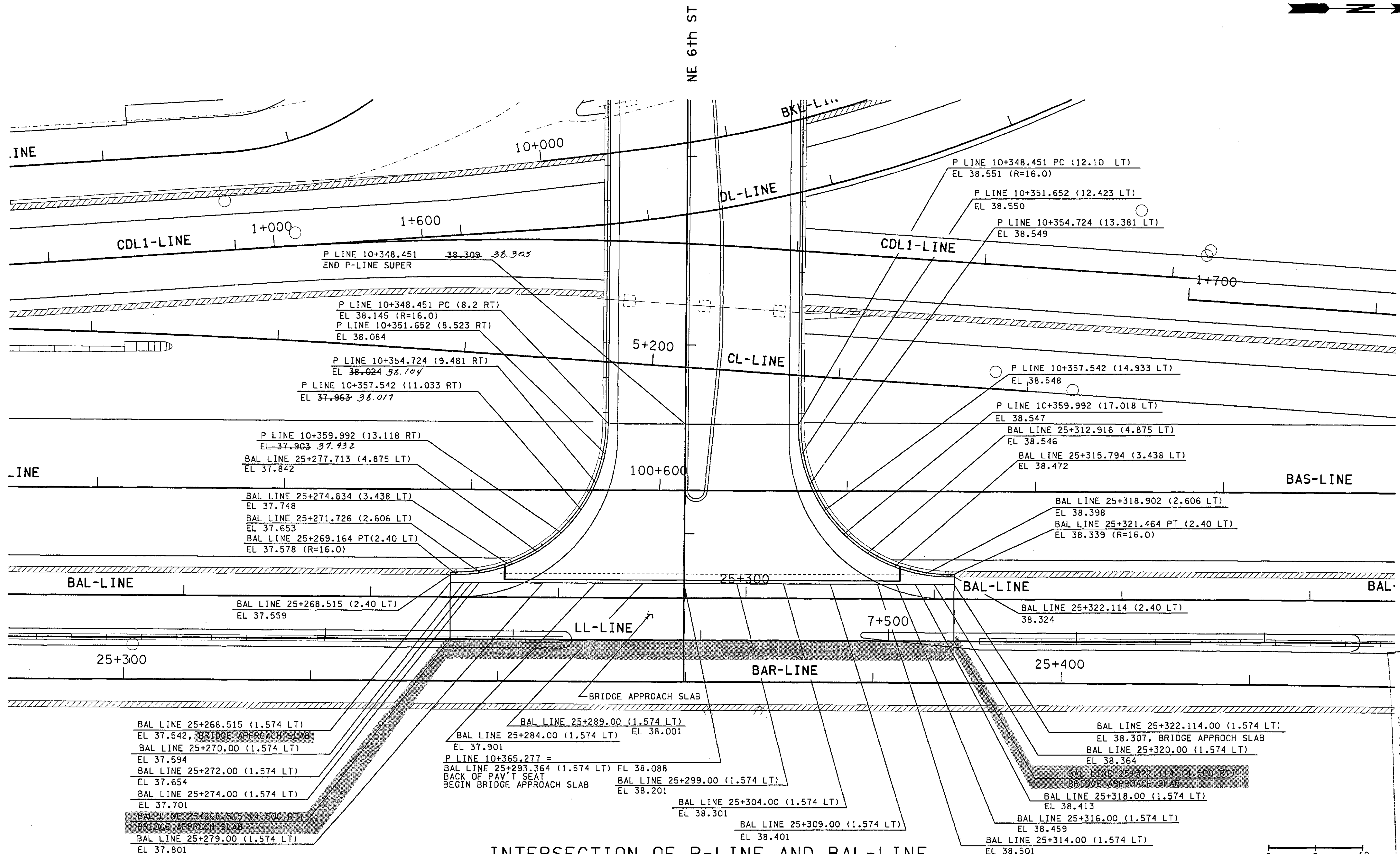
PAVING DETAILS

SHEET NO. PVD6

SHEET 339 OF 1152 SHEETS



C:\PWTEMP\dms00322\pvd007\_c2.dgn  
PLOT... 10:21:41 AM 03/25/2003  
keller



FOR MS CONSULTING  
PLANS ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY JRS	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.  PAVING DETAILS	SHEET NO PVD7
ENTERED BY JRS	12/02			10	WASH					JOB NUMBER 02A012
CHECKED BY JRS	12/02						CONTRACT NO.			
PROJ. ENGR. D. CIERI	12/02	3/28/03	REV BRIDGE APPROACH SLAB RGO				DATE			
REGIONAL ADM. D. DYE	12/02						DATE			

C:\PWTEMP\dms00322\VPVD008\_C2.dgn

PLOT--

09:08:35 AM

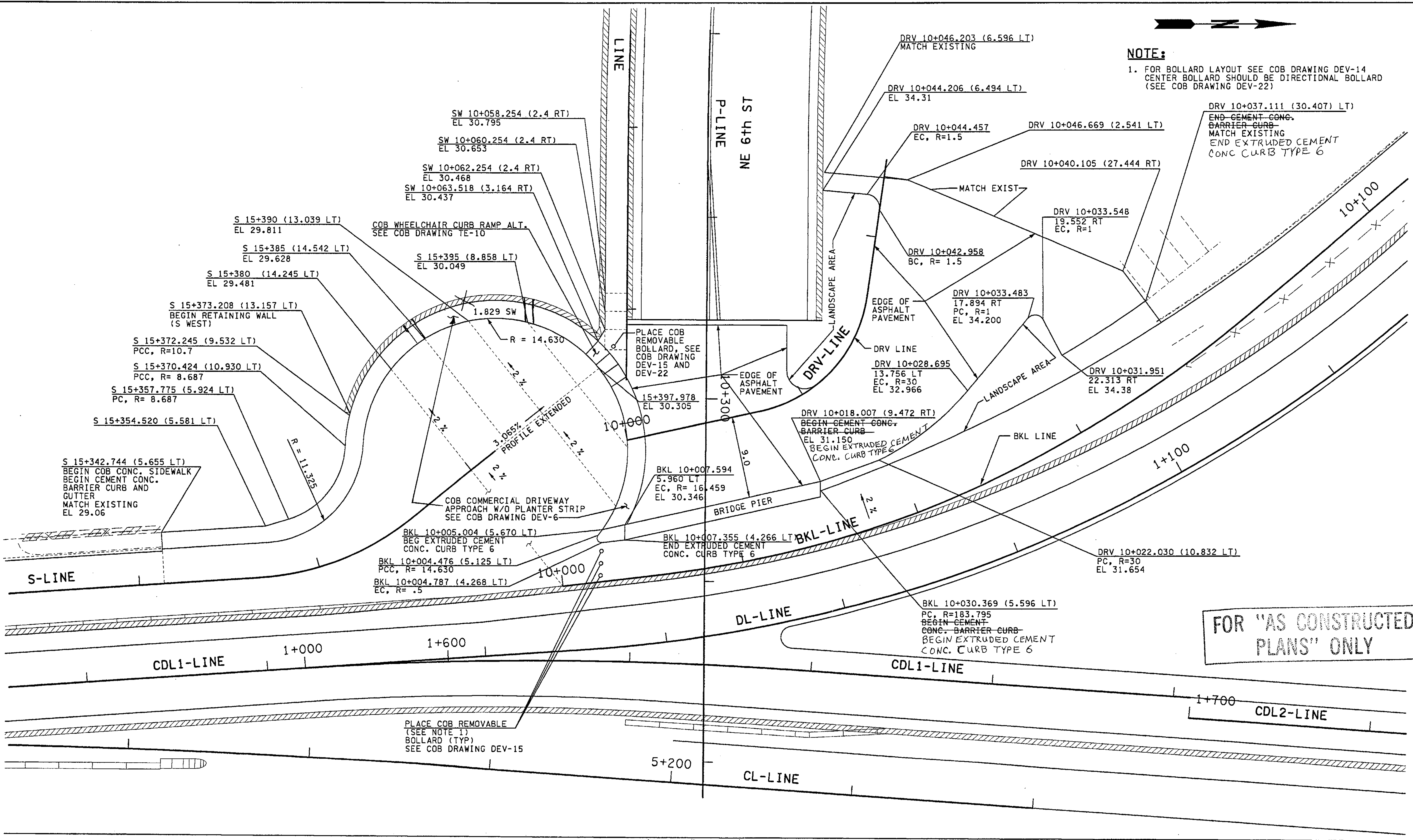
12/04/2002

mbenson



**NOTE:**

1. FOR BOLLARD LAYOUT SEE COB DRAWING DEV-14  
CENTER BOLLARD SHOULD BE DIRECTIONAL BOLLARD  
(SEE COB DRAWING DEV-22)



**FOR "AS CONSTRUCTED PLANS" ONLY**

I 405

0 5 10  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	12/02						
ENTERED BY	MJB	12/02						
CHECKED BY	JRS	12/02						
PROJ. ENGR.	D. CIERI	12/02						
REGIONAL ADM.	D. DYE	12/02						
	DATE	DATE	REVISION	BY				

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

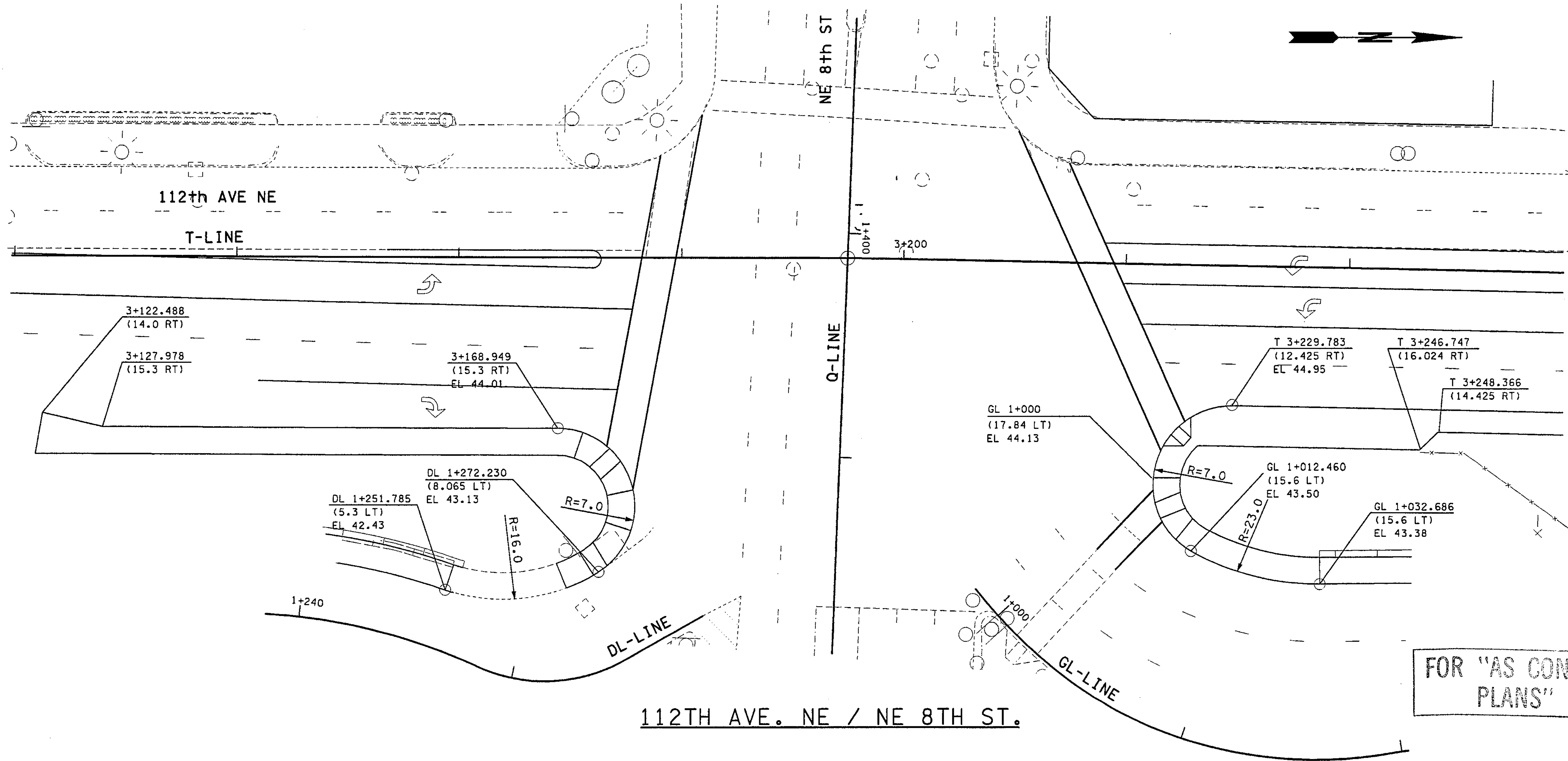
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PAVING DETAILS

SHEET NO  
PVD8

SHEET  
341  
OF  
1152  
SHEETS





FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY R. FRANTZ	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PVD9			
ENTERED BY C. SULLIVAN	12/02		10	WASH		JOB NUMBER 02A012							PAVING DETAILS	SHEET 342 OF 1152 SHEETS
CHECKED BY S. GRAFF	12/02					CONTRACT NO.								
PROJ. ENGR. D. CIERI	12/02													
REGIONAL ADM. D. DYE	12/02			DATE	DATE	REVISION	BY							





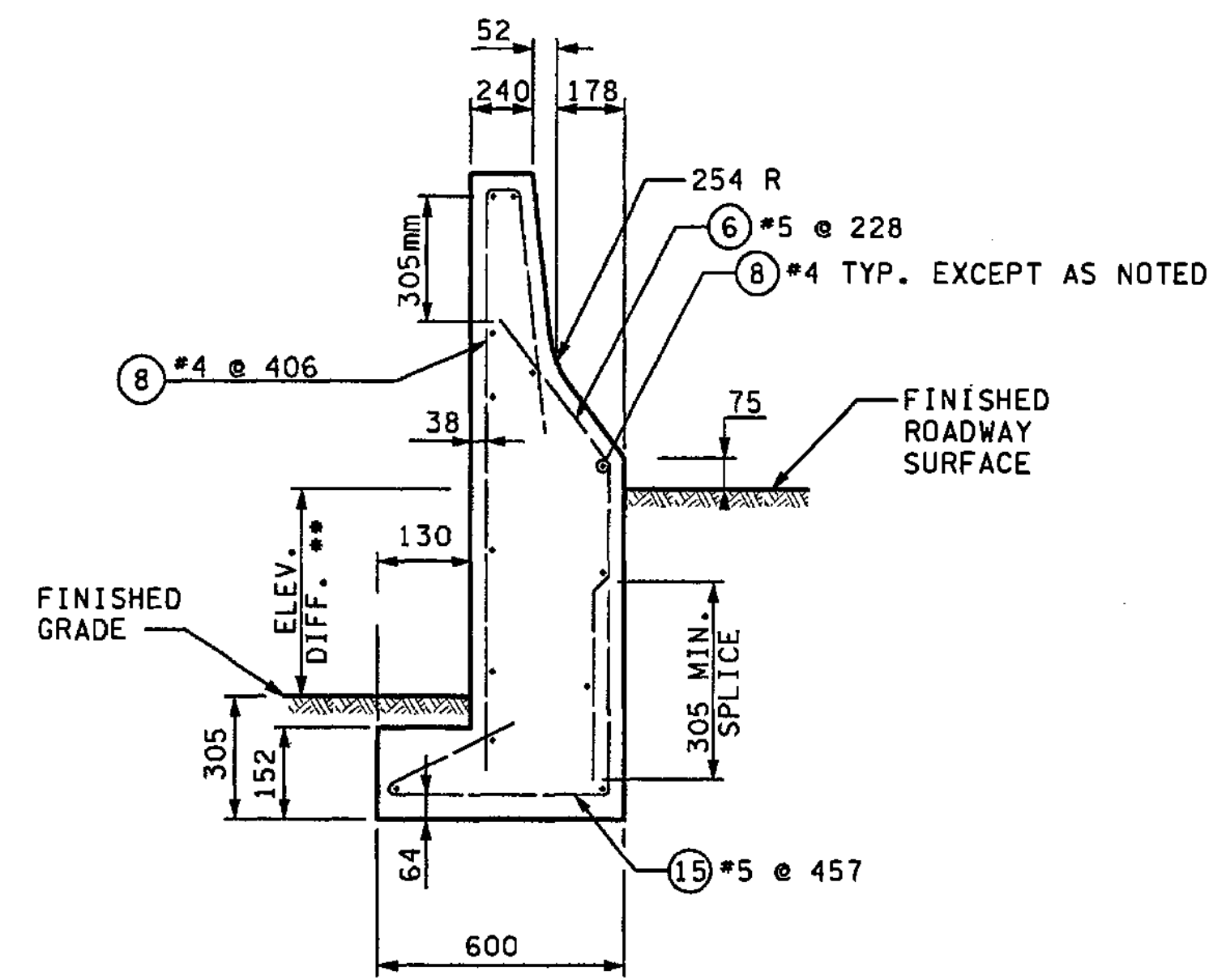
C:\PWTEMP\dms00322\BD002\_C2.dgn

PLOT...

09:53:35 AM

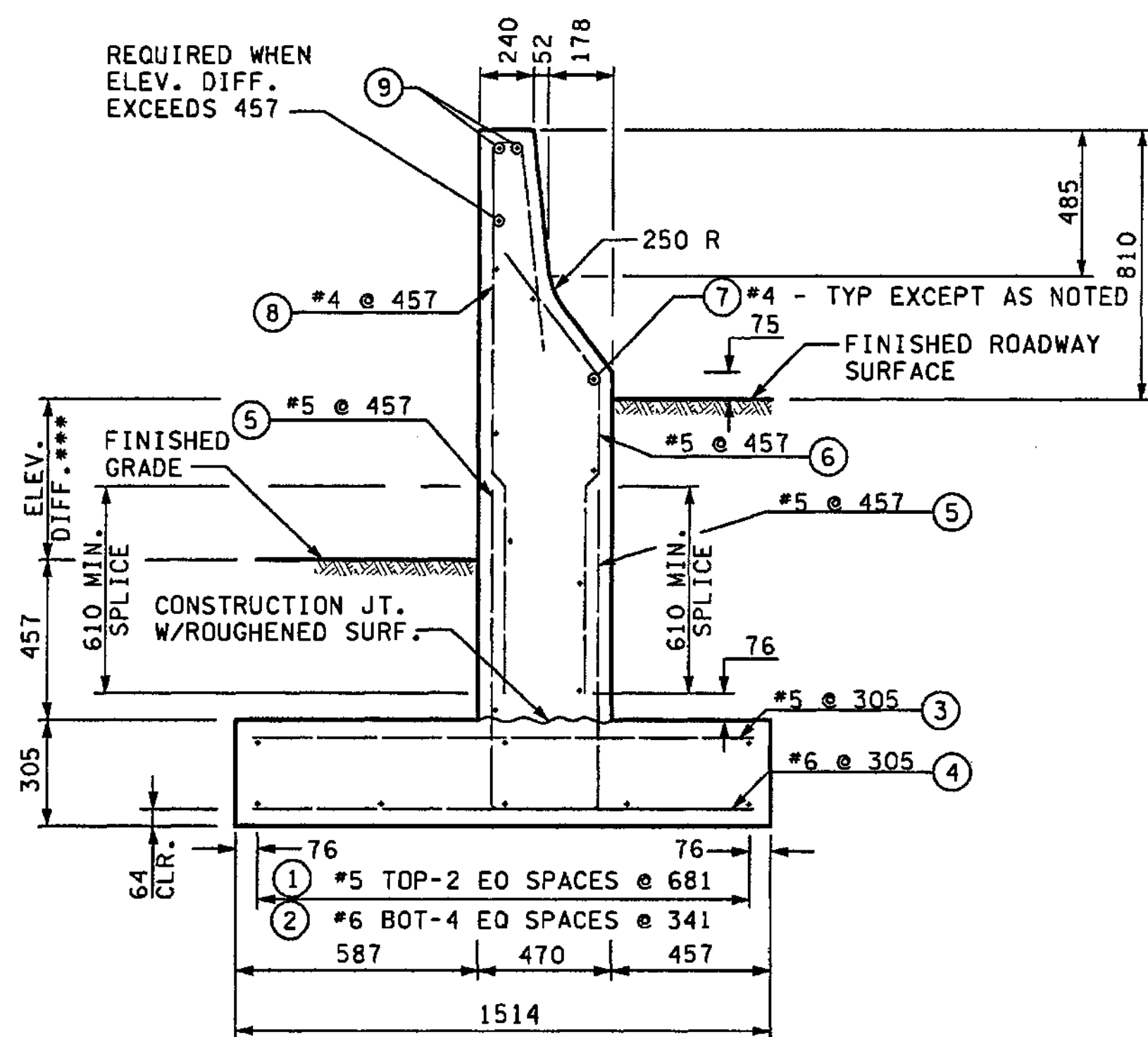
11/27/2002

mbenson



CAST-IN-PLACE CONC. BARRIER TYPE 2C

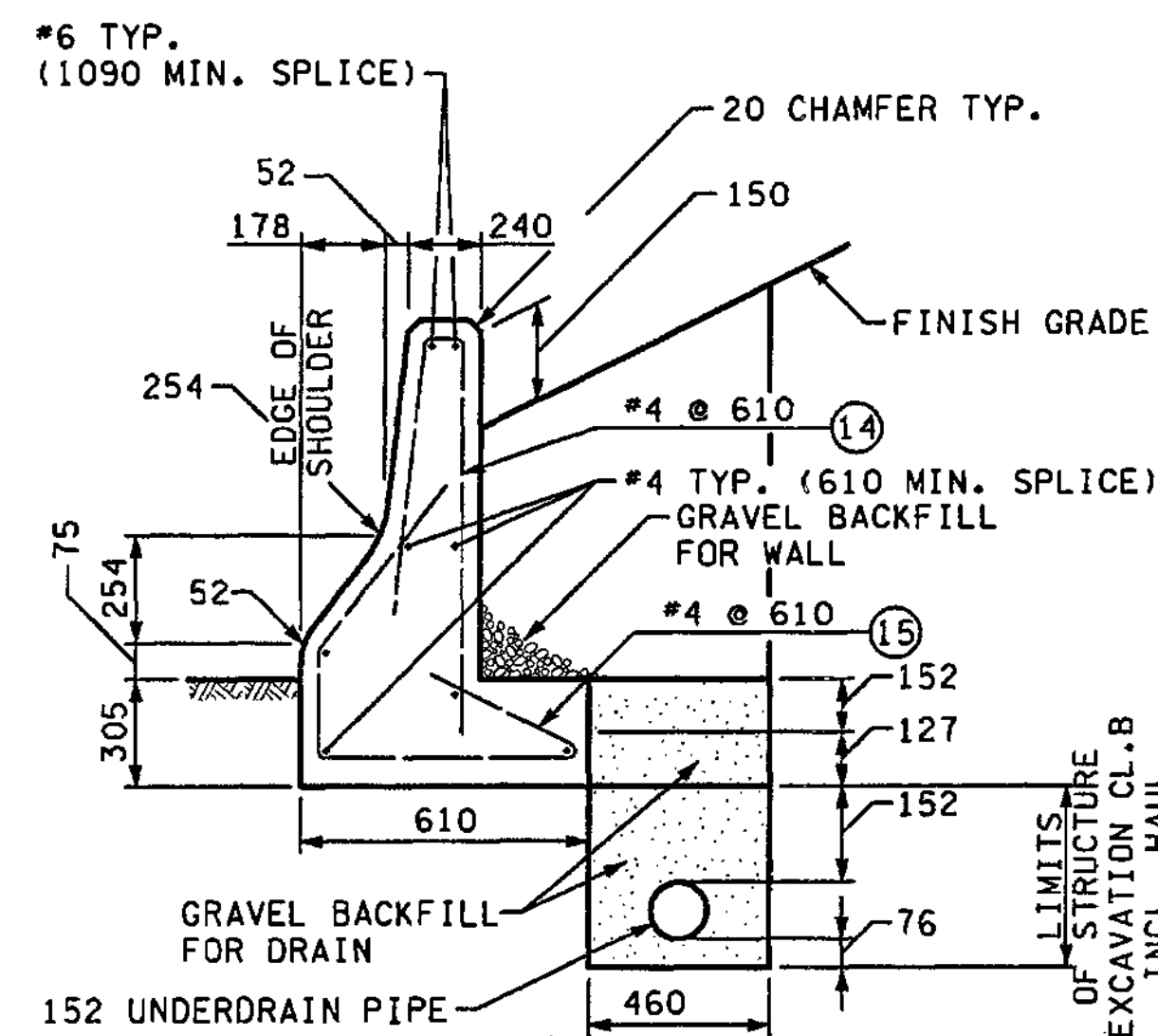
N.T.S.  
\*\*FOR ELEV. DIFF. OF 0 TO 305mm



CAST-IN-PLACE CONC. BARRIER TYPE 2D

N.T.S.  
\*\*\*FOR ELEV. DIFF. OF 305mm TO 915mm

MARK	LOCATION	SIZE	BEND DIAGRAMS
1	LONGITUDINAL TOP FOOTING	5	
2	LONGITUDINAL BOTTOM FOOTING	6	
3	TRANSITIONAL TOP FOOTING	5	
4	TRANSITIONAL BOTTOM FOOTING	6	
5	VERT. ANCHOR	5	
6	PERIMETER	5	
7	TYPICAL LONGITUDINAL	4	
8	PERIMETER	4	
9	TOP LONGITUDINAL	6	
10	PERIMETER	4	
11	PERIMETER	5	
12	STEPPED BARRIER	4	
13	PERIMETER	4	
14	PERIMETER	4	
15	PERIMETER/VERT. ANCHOR	5	
16	PERIMETER	5	



CAST-IN-PLACE CONC. BARRIER TYPE 2E

N.T.S.

NOTES:

- FOR CONCRETE BARRIER TYPE SEE PAVING PLANS
- INSTALL 13mm PREMOLDED JOINT FILLER BETWEEN C.I.P. BARRIER AND PCC PAVEMENT AND SEAL WITH 25mm OF RUBBERIZED ASPHALT.
- BARRIER UNIT LENGTHS FOR CAST-IN-PLACE BARRIER SHALL BE 6m. MODIFICATIONS OF BARRIER LENGTHS AT TRANSITIONS AND MATCH POINTS SHALL BE AS DIRECTED BY THE ENGINEER. JOINTS IN BARRIER SHALL BE CONSTRUCTED OF 13mm PREMOLDED JOINT FILLER AT THE UNIT LENGTHS.
- FOR CONCRETE BARRIERS AGAINST ABUTMENTS OR WALL, BACK OF BARRIER SHALL MATCH FACE OF ABUTMENT OR WALL.

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	REGION NO.	STATE	FED. AID PROJ. NO.
MH	12/02	10	WASH	
ENTERED BY	DATE	JOB NUMBER		
CS	12/02	02A012		
CHECKED BY	DATE	CONTRACT NO.		
JRS	12/02			
PROJ. ENGR.	DATE	REVISION	BY	
D. CIERI	12/02			
REGIONAL ADM.	DATE			
D. DYE	12/02			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

BARRIER DETAILS

SHEET NO. BD2

SHEET 344 OF 1152 SHEETS

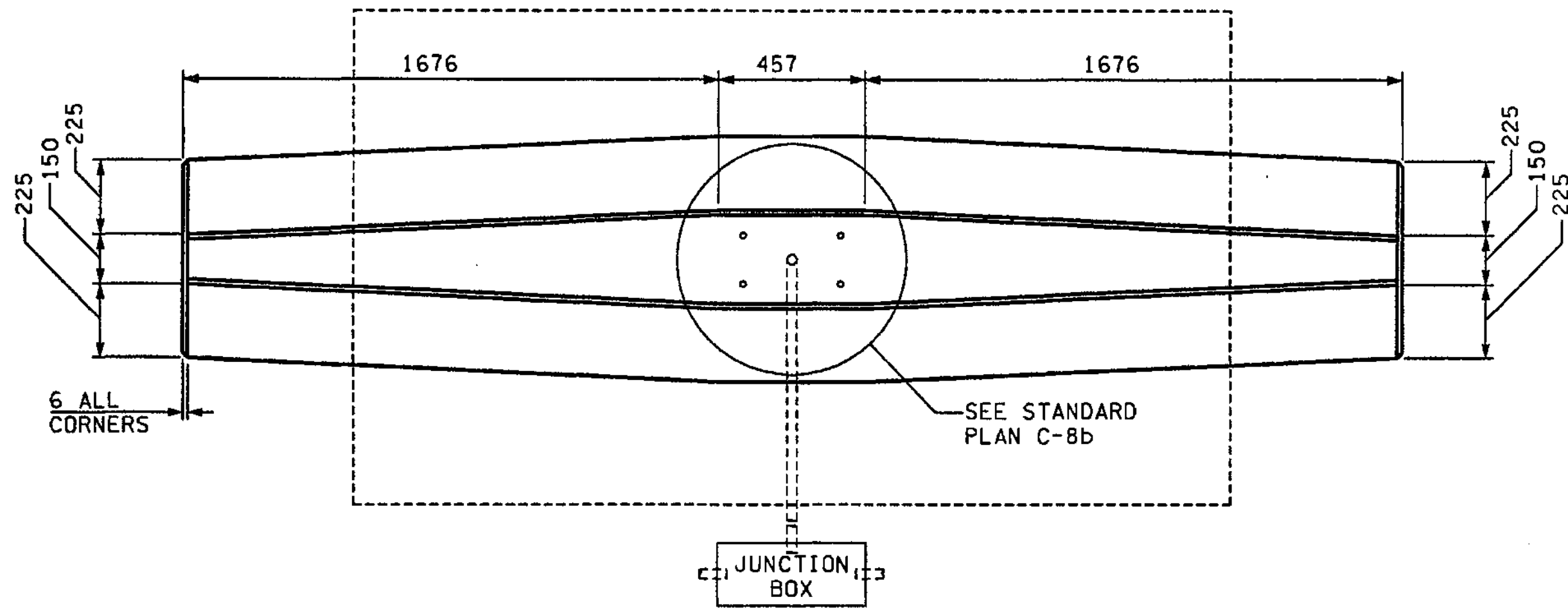
C:\PWTEMP\dms00322\BD003\_C2.dgn

PLOT

11:12:37 AM

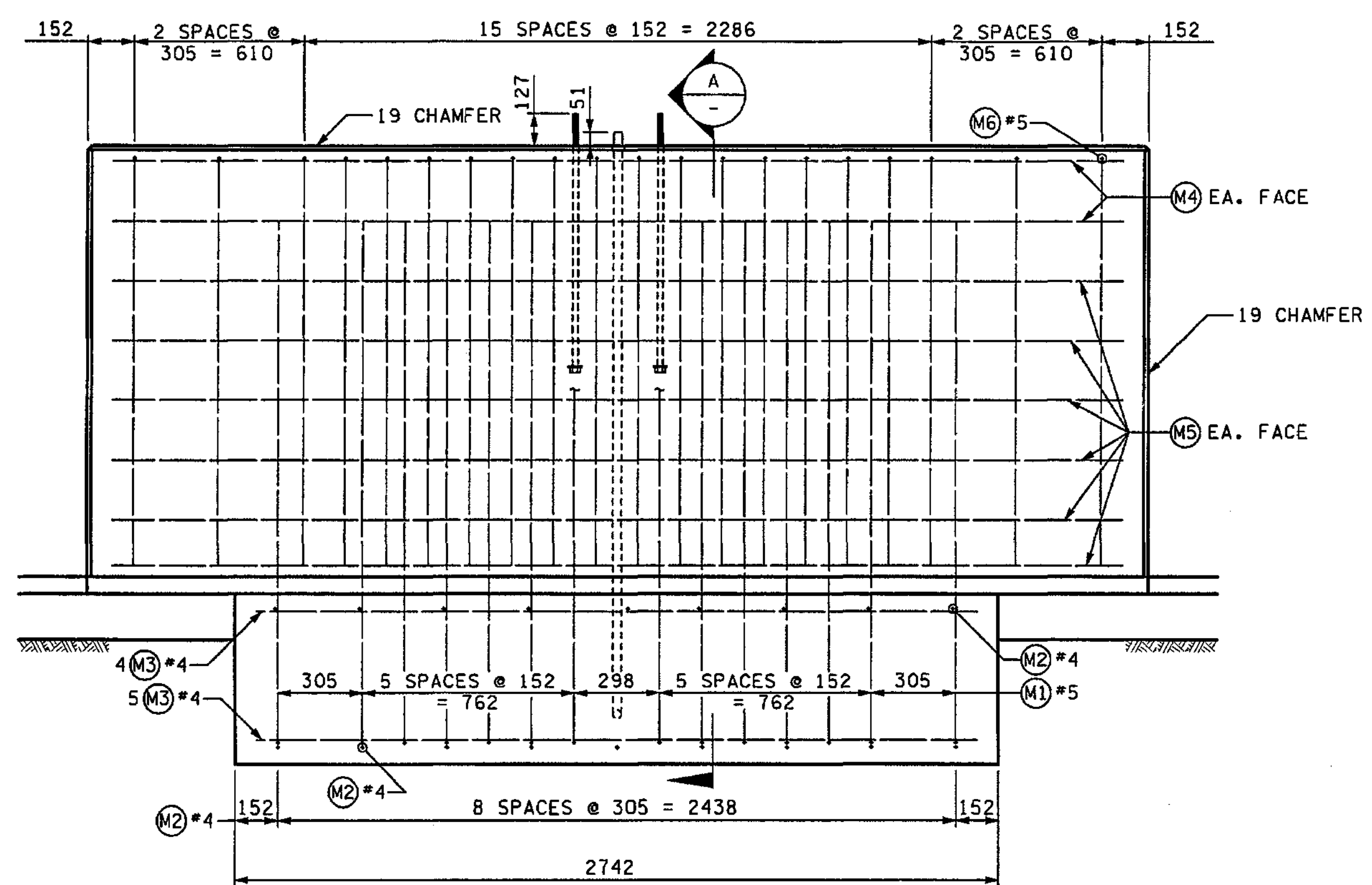
12/04/2002

mbenson

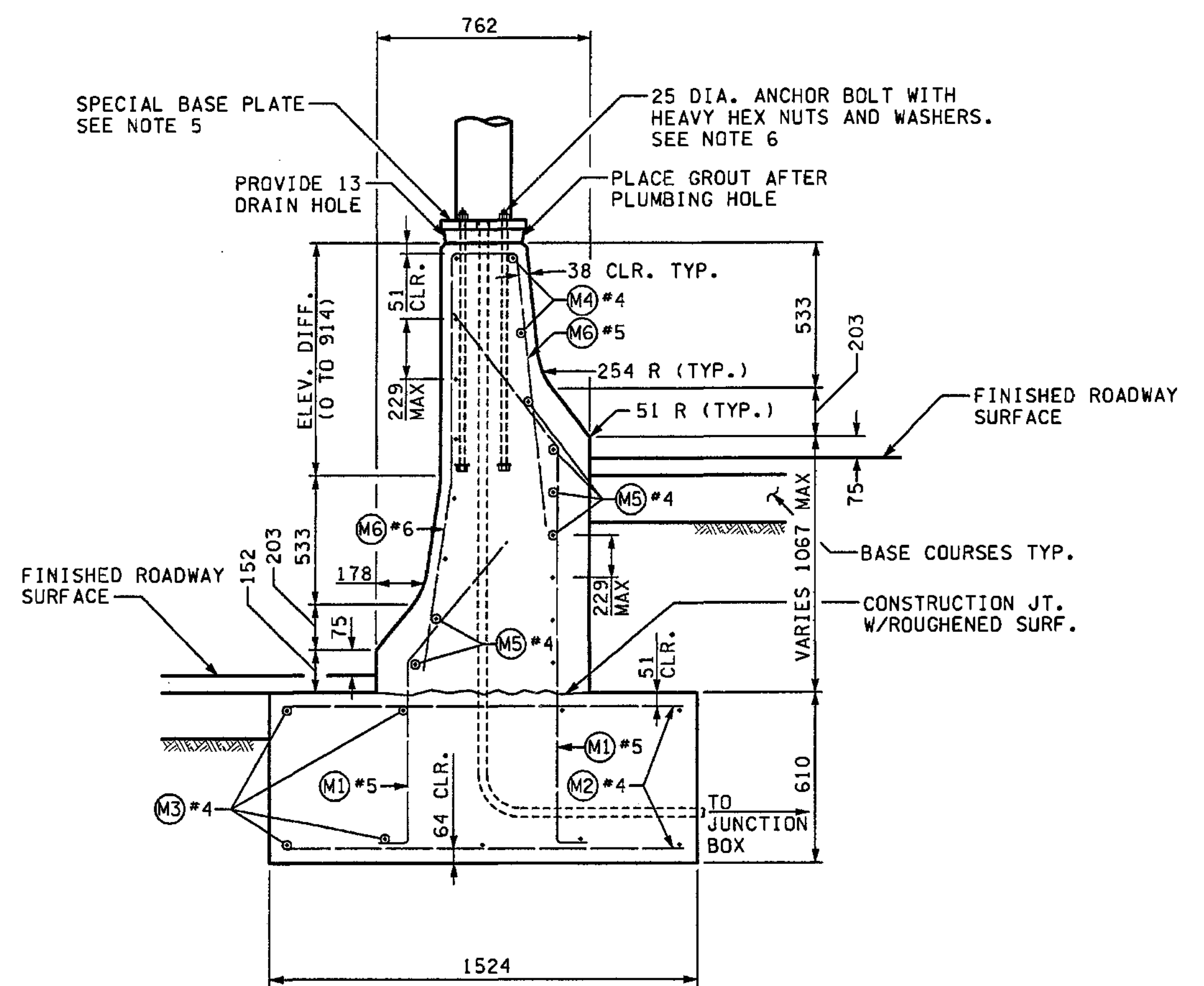


PLAN  
N.T.S.

BAR LIST (ALL DIMENSIONS ARE OUT TO OUT)								
MARK	LOCATION	NO.	SIZE	a	b	c	LENGTH	BEND DIAGRAMS (N.T.S.)
M1	FOOTING - ODWEL	28	5	610	699 TO 1613	203	1372 TO 2286	
M2	FOOTING	18	4		STRAIGHT		1422	
M3	FOOTING	9	4		STRAIGHT		2642	
M4	CONCRETE BARRIER	4	4	457	1600		3658	
M5	CONCRETE BARRIER	VARIABLES	4		STRAIGHT		3658	
M6	CONCRETE BARRIER	20	5	914 TO 2743	787 TO 914	787 TO 1702	1600 TO 2896	



ELEVATION  
N.T.S.



SECTION A  
N.T.S.

FOR "AS CONSTRUCTED PLANS" ONLY

- NOTES:
- ANCHOR BOLTS SHALL BE ACCURATELY LOCATED AND SECURED IN PLACE PRIOR TO POURING CONCRETE. IF DEEMED NECESSARY BY THE ENGINEER, A TEMPLATE SHALL BE USED TO LOCATE THE ANCHOR BOLTS.
  - ANCHOR BOLT MATERIAL SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN THE PRE-APPROVED DRAWINGS OF THE LUMINAIRE POLE MANUFACTURERS LISTED IN THE SPECIAL PROVISIONS. THE TOP 305 mm OF THE ANCHOR BOLTS, AND ALL NUTS AND WASHERS, SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M111.
  - THIS PLAN SHALL BE USED FOR 12.20m AND 15.24m LIGHT STANDARDS WITH 3.66m MAXIMUM LENGTH DOUBLE MAST ARMS.
  - REFER TO APPLICABLE PLANS FOR OTHER DETAILS ON TYPE 2 CONCRETE BARRIERS AND LIGHT STANDARDS.
  - SEE SPECIAL BASE PLATE DETAIL, STANDARD PLAN C-8b.
  - SEE ANCHOR BOLT DETAIL, STANDARD PLAN C-8b.

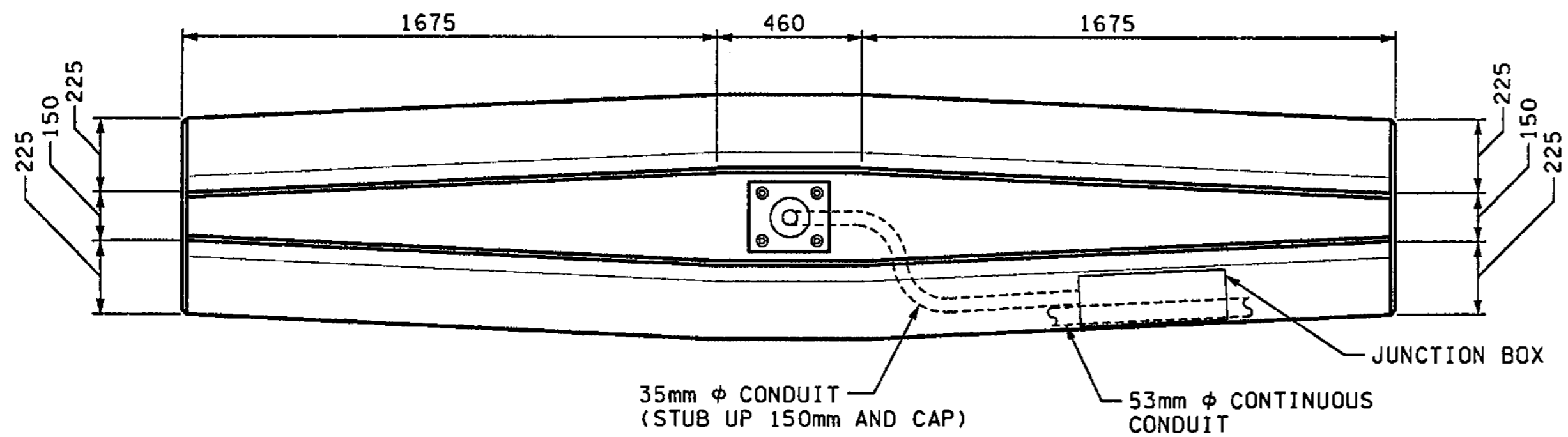
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	12/02	REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO BD3
ENTERED BY CS	12/02	10	WASH						
CHECKED BY JRS	12/02	JOB NUMBER							
PROJ. ENGR. D. CIERI	12/02	02A012							
REGIONAL ADM. D. DYE	12/02	CONTRACT NO.							
DATE	DATE	REVISION	BY						SHEET 345 OF 152 SHEETS

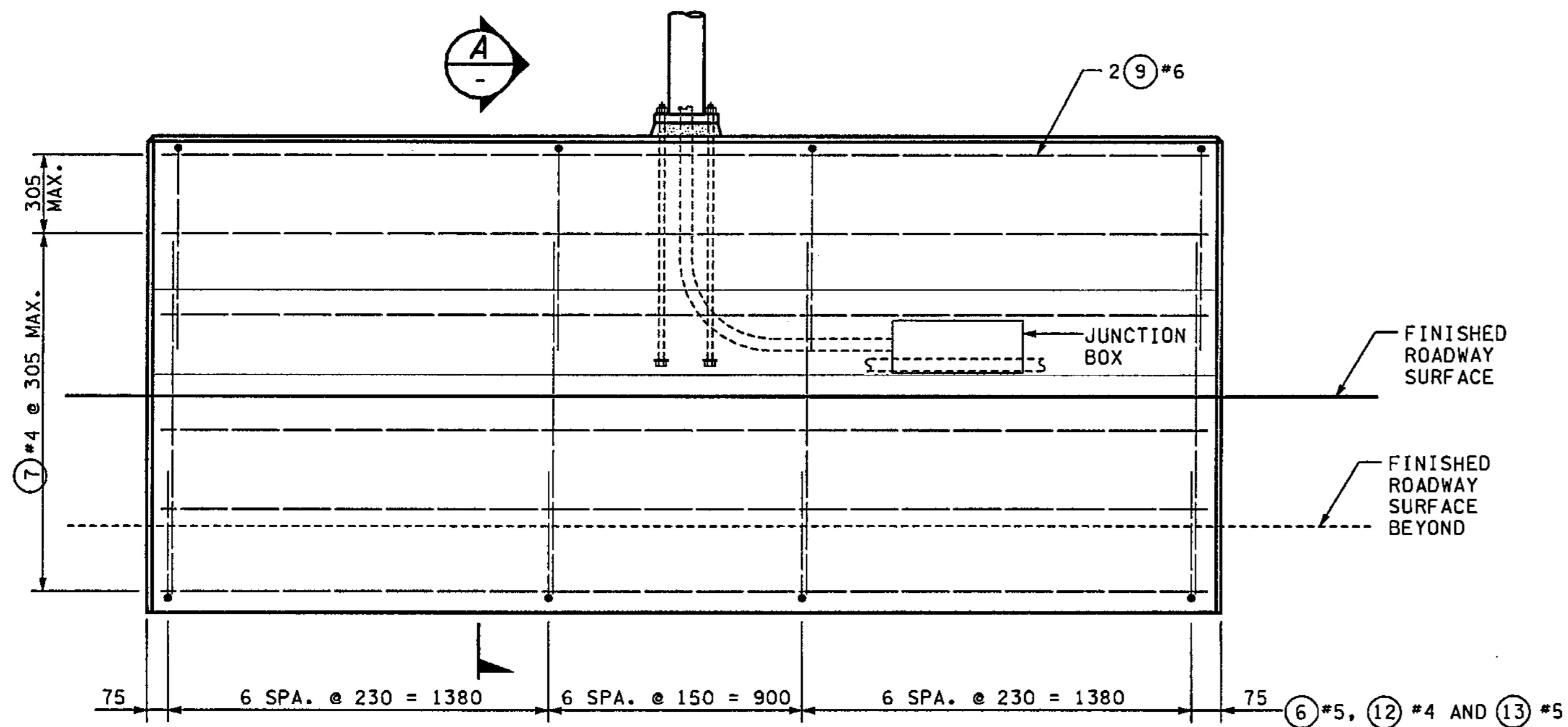
BARRIER DETAILS



C:\PWTEMP\dms00322\BD003A\_C2.dgn  
PLOT...  
10:09:35 AM  
12/06/2002  
mbenson

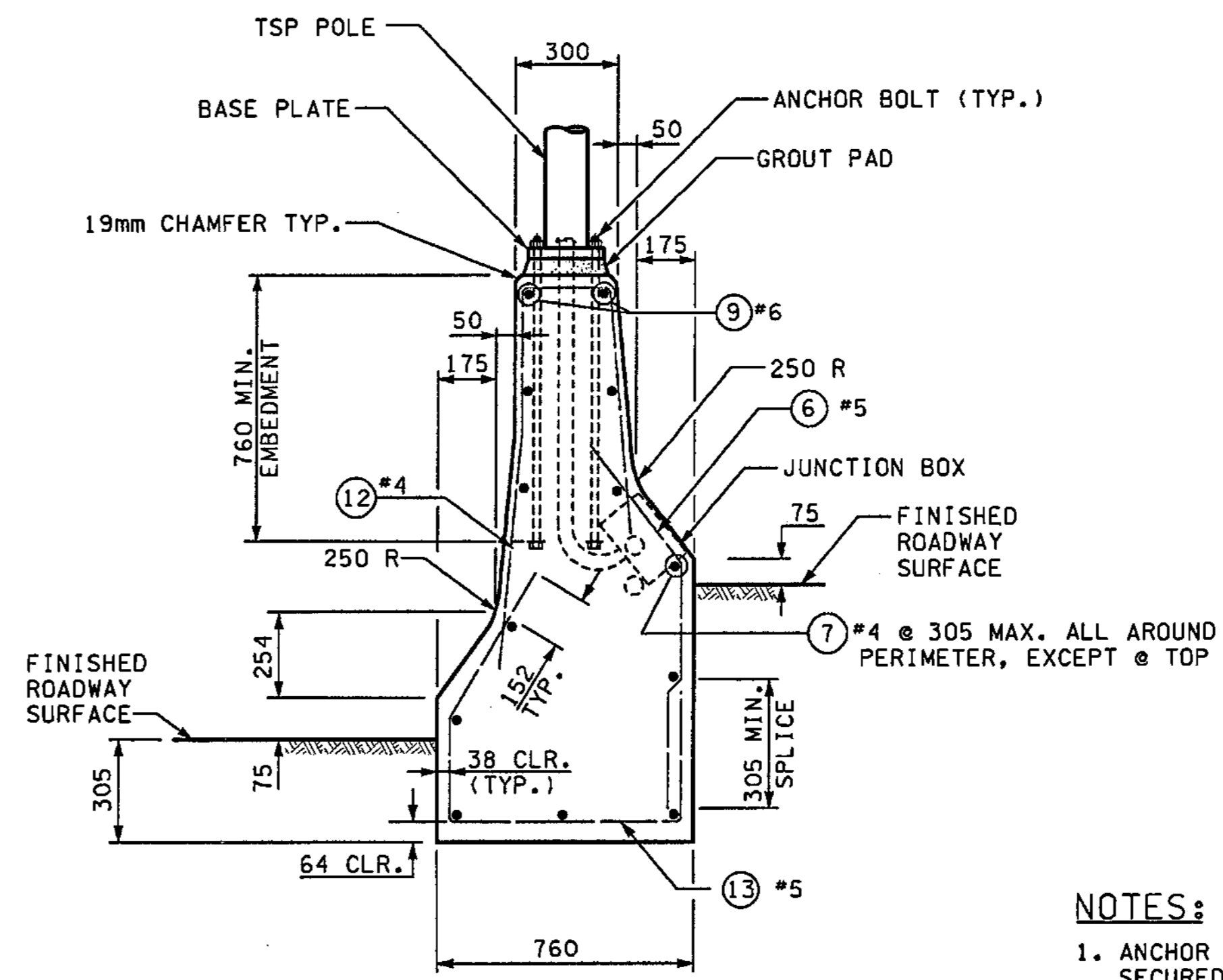


PLAN



ELEVATION

MARK	LOCATION	SIZE	BEND DIAGRAMS
⑥	PERIMETER	5	
⑦	TYPICAL LONGITUDINAL	4	
⑨	TOP LONGITUDINAL	6	
⑫	STEPPED BARRIER	4	
⑬	PERIMETER	5	



SECTION A

FOR MISSING INFORMATION SEE BARRIER TYPE 2A, SHEET BD1

FOR "AS CONSTRUCTED PLANS" ONLY

NOTES:

- ANCHOR BOLTS SHALL BE ACCURATELY LOCATED AND SECURED IN PLACE PRIOR TO CASTING CONCRETE. IF DEEMED NECESSARY BY THE ENGINEER, A TEMPLATE SHALL BE USED TO LOCATE THE ANCHOR BOLTS.
- ANCHOR BOLT MATERIAL SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN THE PRE-APPROVED DRAWINGS OF THE TSP POLE MANUFACTURERS. THE TOP 305 mm OF THE ANCHOR BOLTS, AND ALL NUTS AND WASHERS, SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M111.
- REFER TO SHEET B01 FOR OTHER DETAILS FOR TYPE 2A CONCRETE BARRIER.

BARRIER MOUNTED TSP POLE ANCHORAGE DETAILS

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DESIGNED BY JHS	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.	
ENTERED BY CCW	12/02	JOB NUMBER	02A012				
CHECKED BY SKA	12/02	CONTRACT NO.					
PROJ. ENGR. D. CIERI	12/02						
REGIONAL ADM. D. DYE	12/02						
DATE	DATE	REVISION	BY				

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/06/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

BARRIER DETAILS

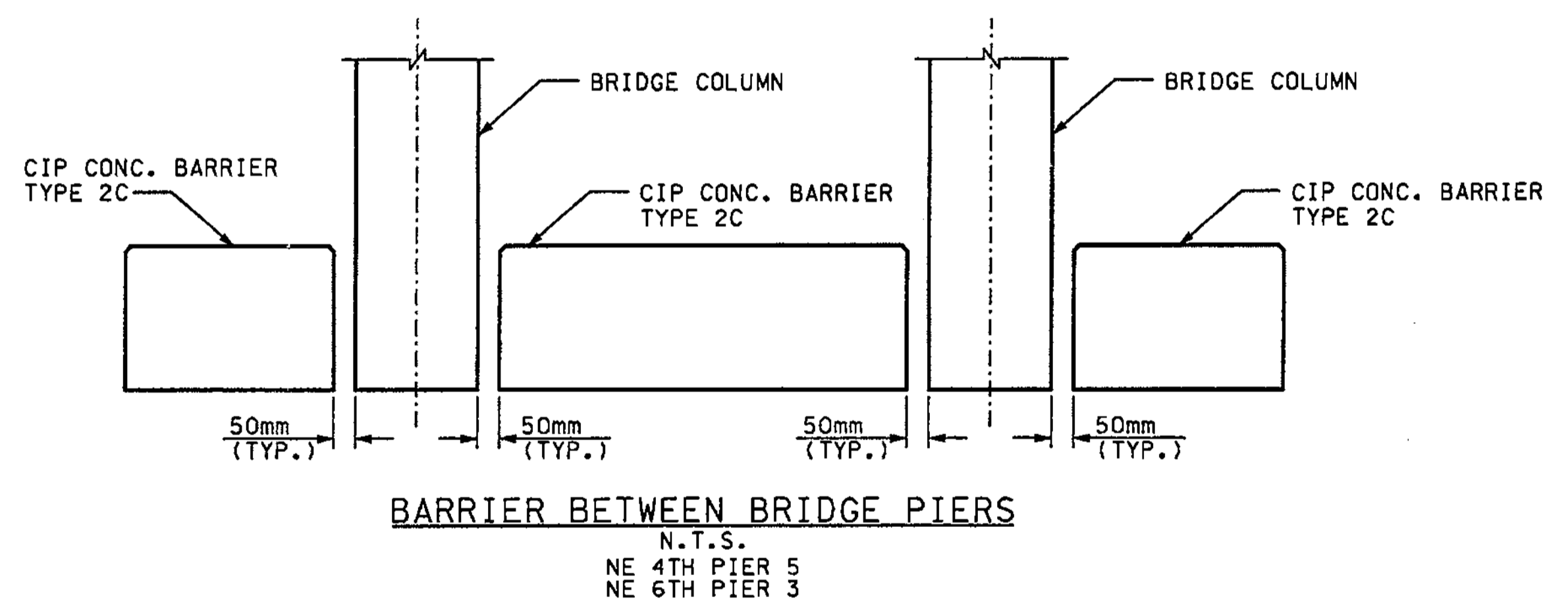
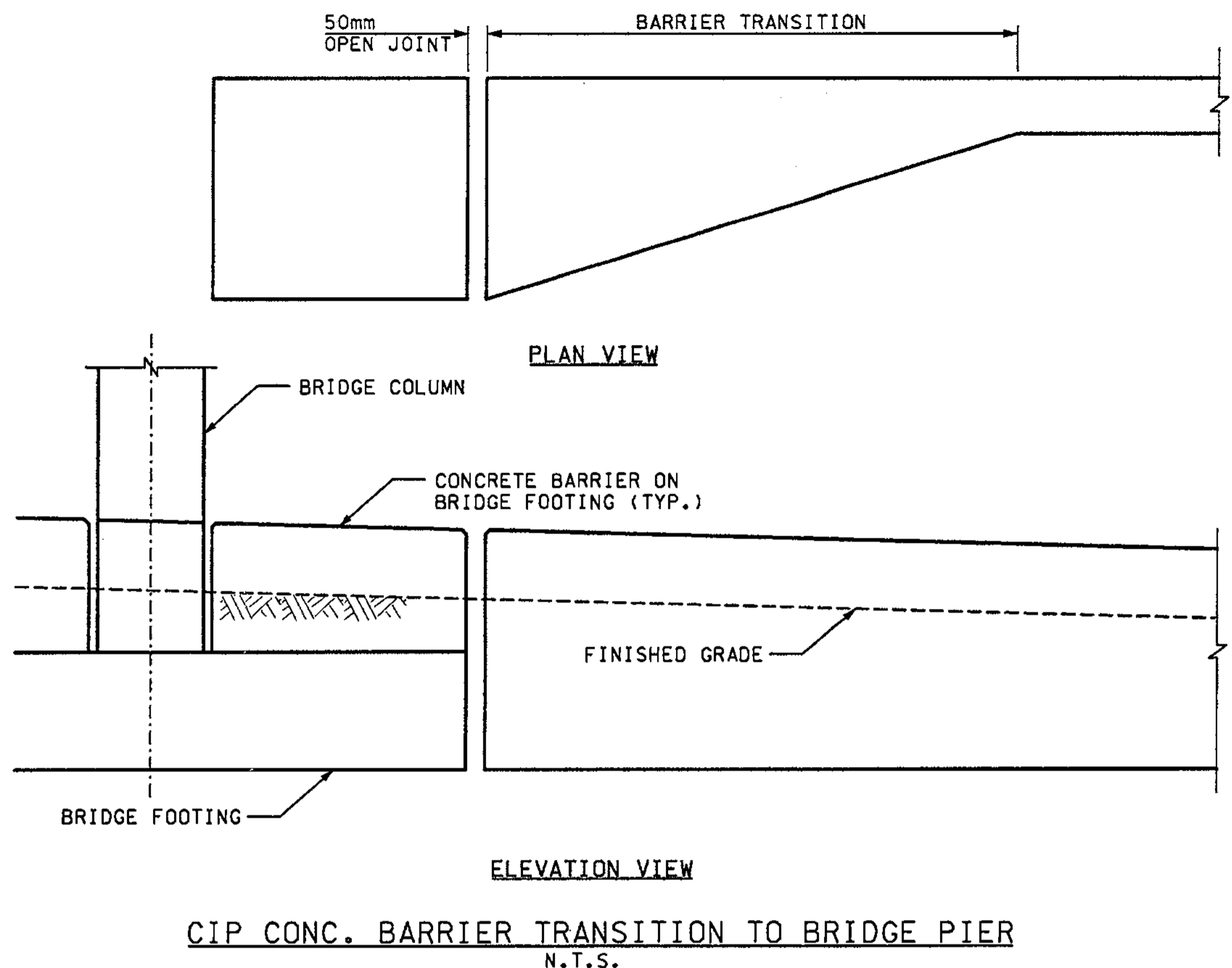
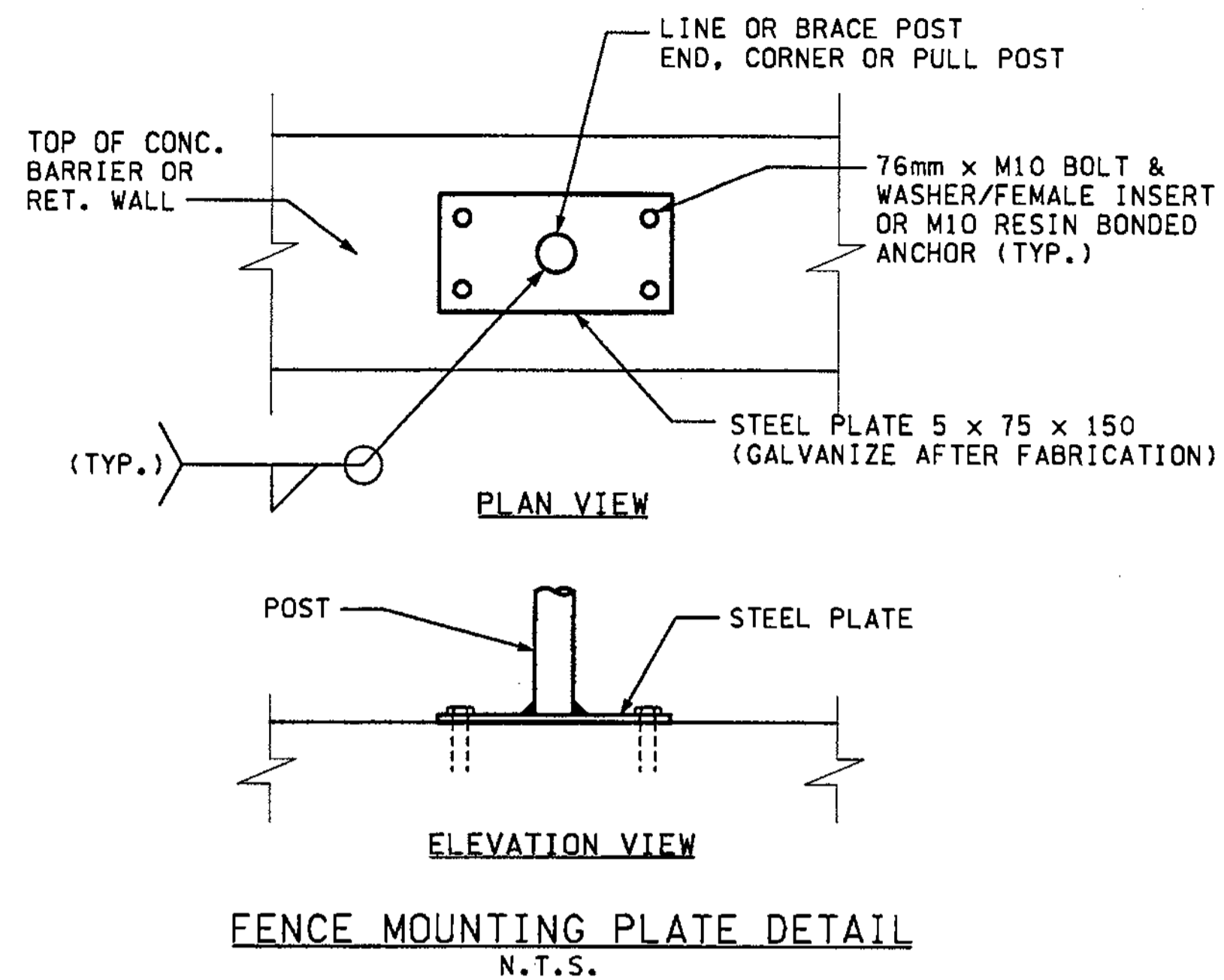
SHEET NO. BD3A  
346 OF 1152 SHEETS

C:\PWTEMP\dms00322\BD004\_C2.dgn

PLOT

11/27/2002 10:01:45 AM

mbenson



FOR "AS CONSTRUCTED PLANS" ONLY

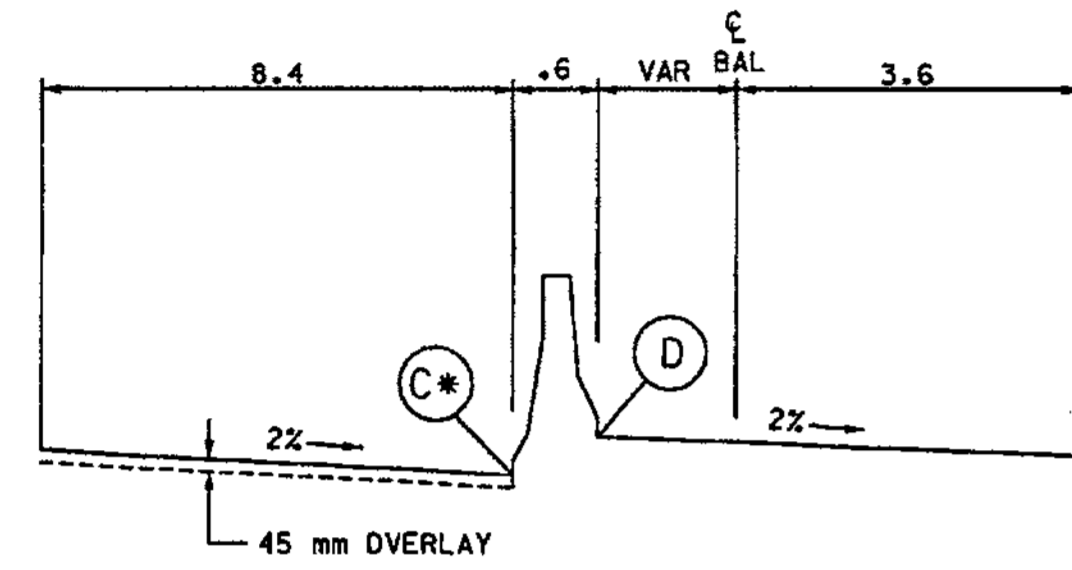
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	12/02			REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO.	BD4	
ENTERED BY	CS	12/02		10	WASH		JOB NUMBER				02A012	SHEET OF	347
CHECKED BY	JRS	12/02					CONTRACT NO.					1152	SHEETS
PROJ. ENGR.	D. CIERI	12/02											
REGIONAL ADM.	D. DYE	12/02											
		DATE	DATE	REVISION	BY								



**TABLE 1**

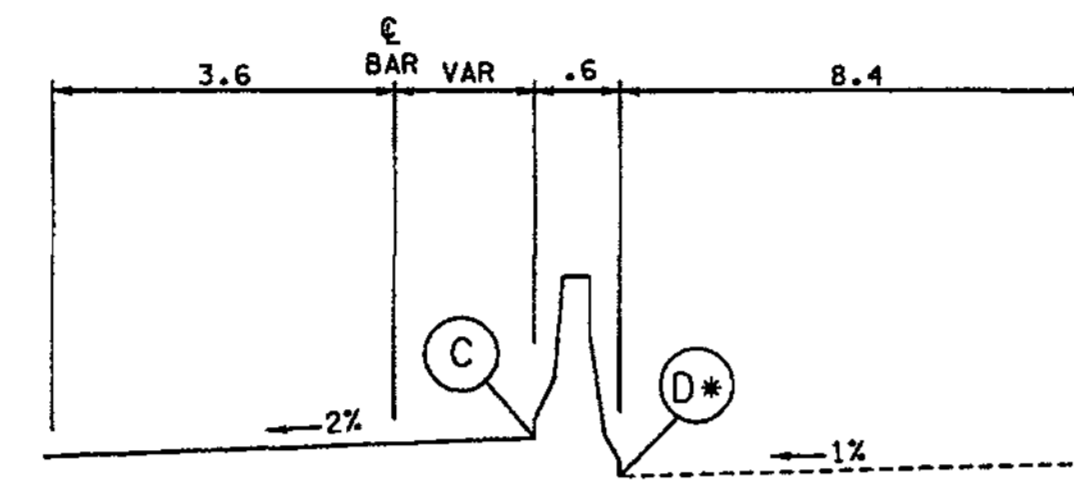
STATION BAL	ELEV C	ELEV DIFF C-D (m)	ELEV D
25+107	26.066	-.022	26.088
25+110	26.148	-.079	26.227
25+115	26.278	-.198	26.476
25+120	26.414	-.331	26.745
25+125	26.559	-.439	26.998
25+130	26.705	-.563	27.268
25+135	26.816	-.737	27.553
25+140	26.956	-.898	27.854



\*VERIFY ELEV (C) ON SITE

**TABLE 2**

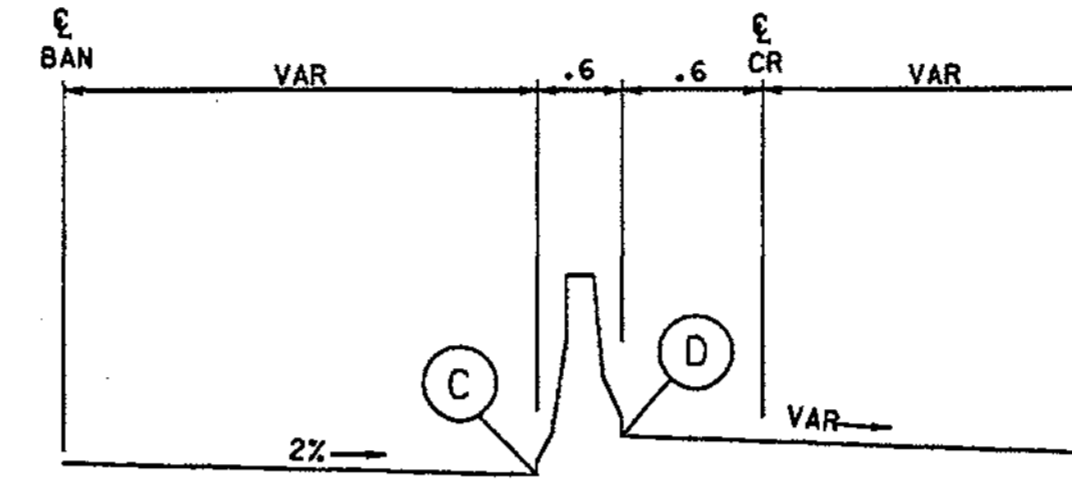
STATION BAR	ELEV C	ELEV DIFF C-D (m)	ELEV D
25+175	26.049	.015	26.034
25+180	26.327	.156	26.171
25+185	26.622	.316	26.306
25+190	26.868	.42	26.448
25+195	27.131	.542	26.589
25+200	27.409	.676	26.733
25+205	26.704	.821	26.883
25+207	27.826	.885	26.941



\*VERIFY ELEV (D) ON SITE

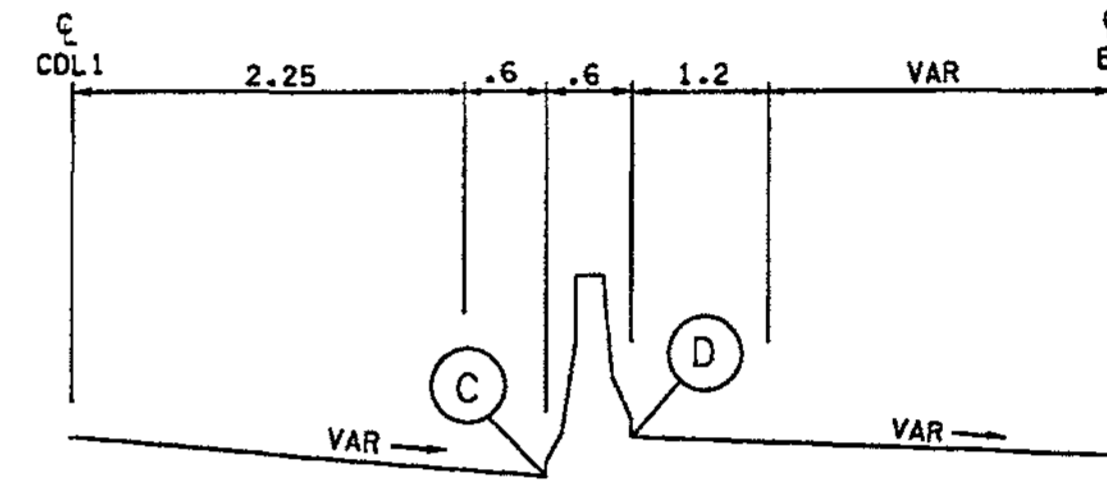
**TABLE 3**

STATION BAN	ELEV C	ELEV DIFF C-D (m)	ELEV D
100+465	27.471	-.906	28.377
100+470	27.618	-.724	28.342
100+475	27.763	-.521	28.284
100+480	27.916	-.359	28.275
100+485	28.046	-.245	28.291
100+490	28.192	-.139	28.331
100+495	28.325	-.068	28.393



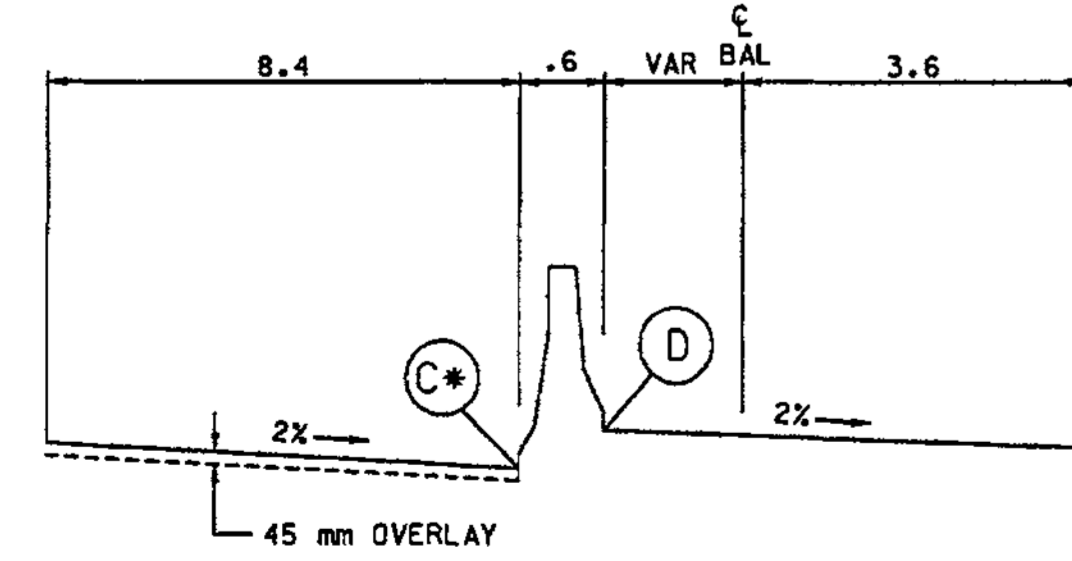
**TABLE 4**

STATION CDL1	ELEV C	ELEV DIFF C-D (m)	ELEV D
1+170	18.614	-.035	18.649
1+175	18.719	-.087	18.806
1+180	18.824	-.156	18.980
1+185	18.929	-.243	19.172
1+190	19.026	-.355	19.381
1+195	19.117	-.489	19.606
1+200	19.199	-.650	19.849
1+205	19.273	-.837	20.110
1+206	19.287	-.878	20.165



**TABLE 5**

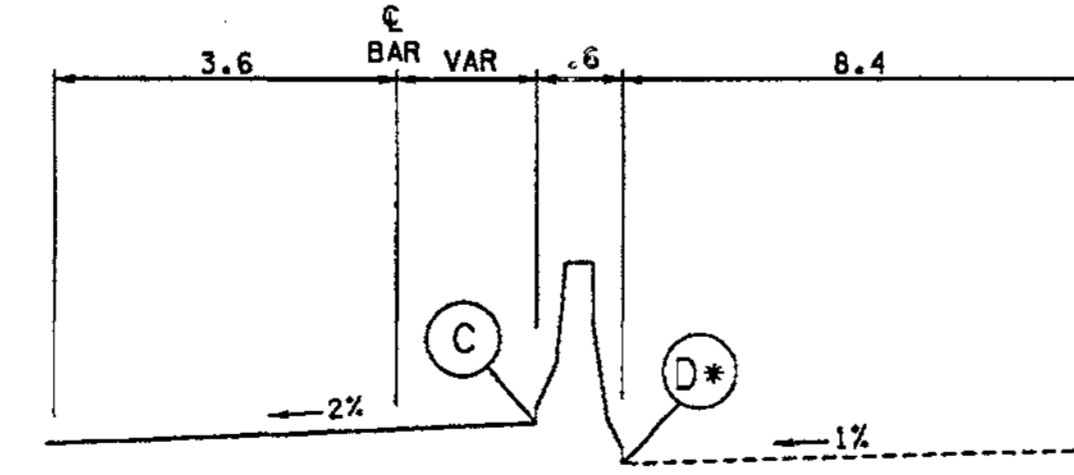
STATION BAL	ELEV C	ELEV DIFF C-D (m)	ELEV D
25+420	34.688	-.873	35.561
25+425	34.814	-.727	35.541
25+430	34.921	-.614	35.535
25+435	35.038	-.505	35.543
25+440	35.172	-.391	35.563
25+445	35.307	-.291	35.598
25+450	35.441	-.205	35.646
25+455	35.569	-.138	35.707
25+460	35.730	-.052	35.782
25+465	35.845	-.025	35.870
25+470	35.962	-.010	35.972
25+475	36.095	.008	36.087



\*VERIFY ELEV (C) ON SITE

**TABLE 6**

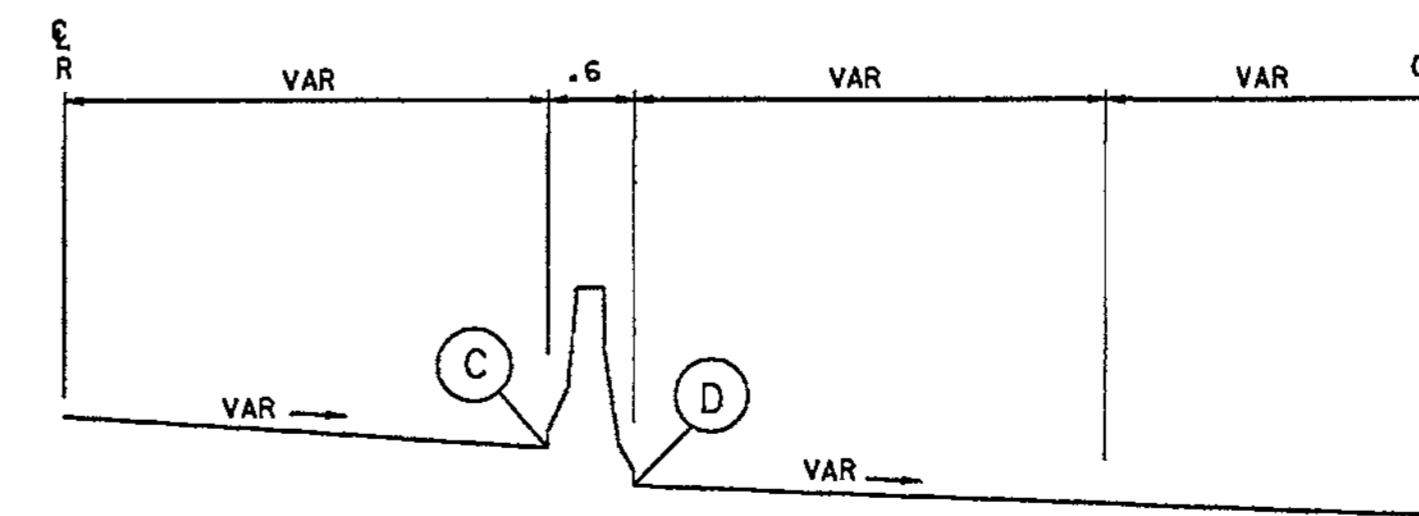
STATION BAR	ELEV C	ELEV DIFF C-D (m)	ELEV D
25+483	35.541	.914	34.627
25+485	35.531	.852	34.679
25+490	35.515	.701	34.814
25+495	35.514	.563	34.951
25+500	35.527	.439	35.088
25+505	35.554	.327	35.227
25+510	28.596	.236	35.360
25+515	35.620	.136	35.484
25+520	35.686	.069	35.617
25+523	35.726	.022	35.704



\*VERIFY ELEV (D) ON SITE

**TABLE 7**

STATION CDL1	ELEV C	ELEV DIFF C-D (m)	ELEV D	STATION CDL1	ELEV C	ELEV DIFF C-D (m)	ELEV D
1+000	15.106	-.146	15.252	1+070	16.209	-.538	16.747
1+005	15.093	-.282	15.375	1+075	16.406	-.437	16.843
1+010	15.088	-.356	15.444	1+080	16.608	-.331	16.939
1+015	15.153	-.376	15.529	1+085	16.828	-.207	17.035
1+020	15.232	-.440	15.672	1+090	17.049	-.082	17.131
1+025	15.304	-.514	15.818	1+095	17.272	.045	17.227
1+030	15.385	-.575	15.960	1+100	17.522	.199	17.323
1+035	15.468	-.643	16.111	1+105	17.768	.350	17.418
1+040	15.550	-.662	16.212	1+110	18.008	.494	17.514
1+045	15.529	-.736	16.265	1+115	18.255	.646	17.609
1+050	15.629	-.732	16.361	1+120	18.492	.787	17.705
1+055	15.731	-.726	16.457	1+125	18.708	.897	17.811
1+060	15.854	-.700	16.554	1+126	18.745	.914	17.831
1+065	16.013	-.637	16.650				



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO BD5
ENTERED BY CS	12/02	JOB NUMBER	02A012									
CHECKED BY JRS	12/02	CONTRACT NO.										
PROJ. ENGR. D. CIERI	12/02											
REGIONAL ADM. D. DYE	12/02	DATE	DATE	REVISION	BY							

348 OF 1152 SHEETS

BARRIER DETAILS

C:\PWTEMP\dms00322\BD006\_C2.dgn

PLOT

11/27/2002 10:01:17 AM

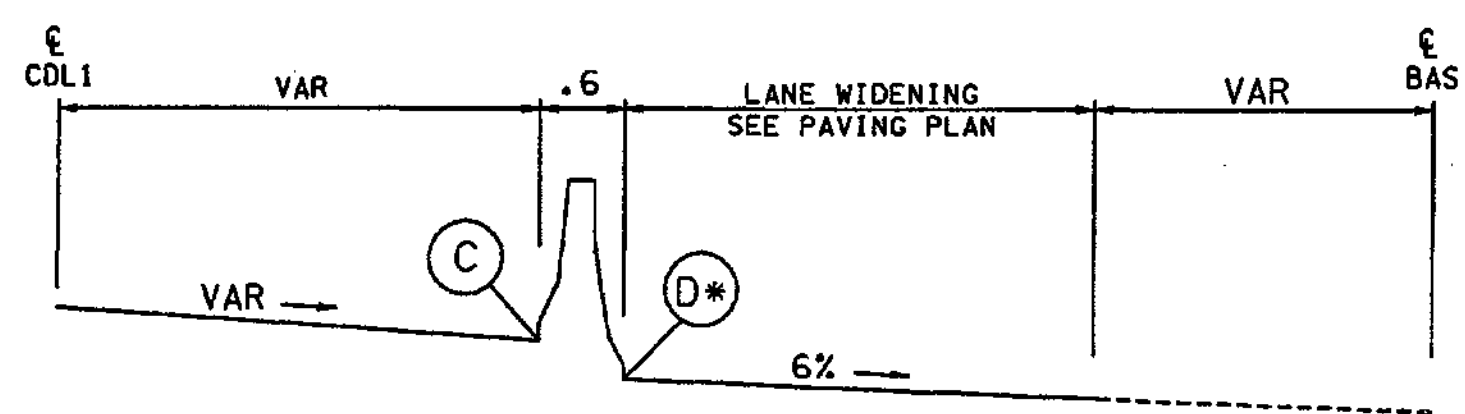
mbenson

**TABLE 8**

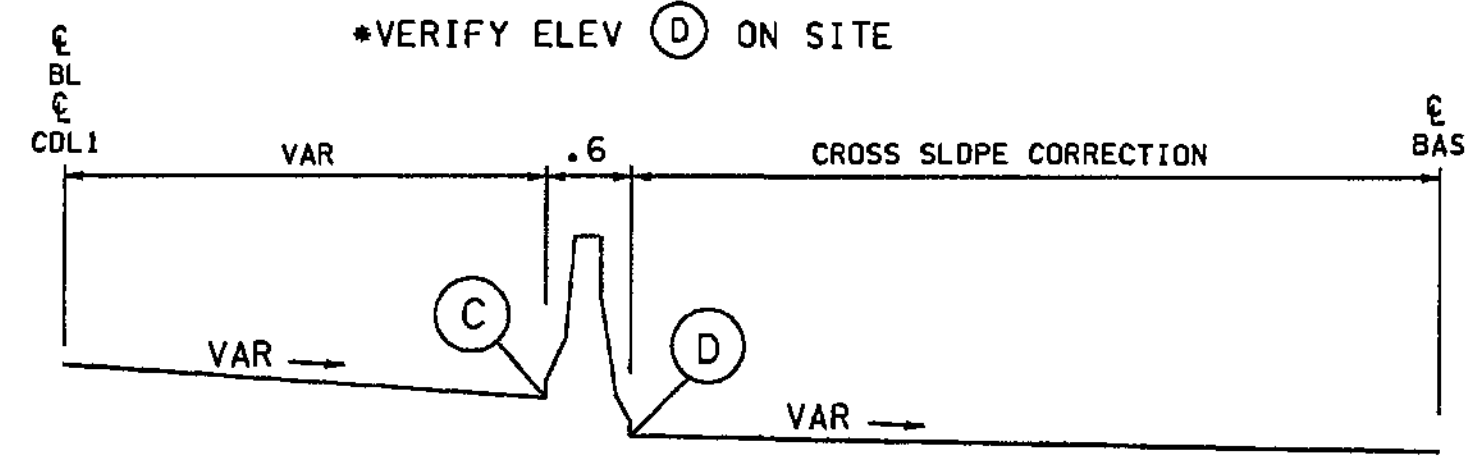
STATION BAS	ELEV C	ELEV DIFF C-D (m)	ELEV D
100+035	16.118	-.092	16.026
100+040	16.220	-.079	16.141
100+045	16.321	-.005	16.316
100+050	16.423	-.035	16.458
100+055	16.524	-.051	16.575
100+060	16.626	-.101	16.727
100+065	16.728	-.141	16.869
100+070	16.829	-.178	17.007
100+075	16.931	-.248	17.179
100+080	17.033	-.295	17.328
100+085	17.135	-.349	17.484
100+090	17.237	-.409	17.646
100+095	17.339	-.431	17.770
100+100	17.441	-.492	17.933
100+105	17.543	-.495	18.038
100+110	17.645	-.497	18.142
100+115	17.747	-.498	18.245
100+120	17.849	-.500	18.349
100+125	17.951	-.501	18.452
100+130	18.054	-.501	18.55
100+135	18.161	-.497	18.658
100+140	18.275	-.530	18.805
100+145	18.405	-.549	18.954
100+150	18.554	-.549	19.103
100+155	18.721	-.532	19.253
100+160	18.907	-.497	19.404
100+165	19.111	-.445	19.556
100+170	19.334	-.374	19.708
100+175	19.575	-.286	19.861
100+180	19.835	-.179	20.014
100+185	20.114	-.053	20.167
100+190	20.410	.090	20.320
100+195	20.726	.254	20.472
100+200	21.051	.427	20.624
100+205	21.378	.602	20.776
100+210	21.704	.778	20.926
100+213	21.900	.885	21.015

**TABLE 9**

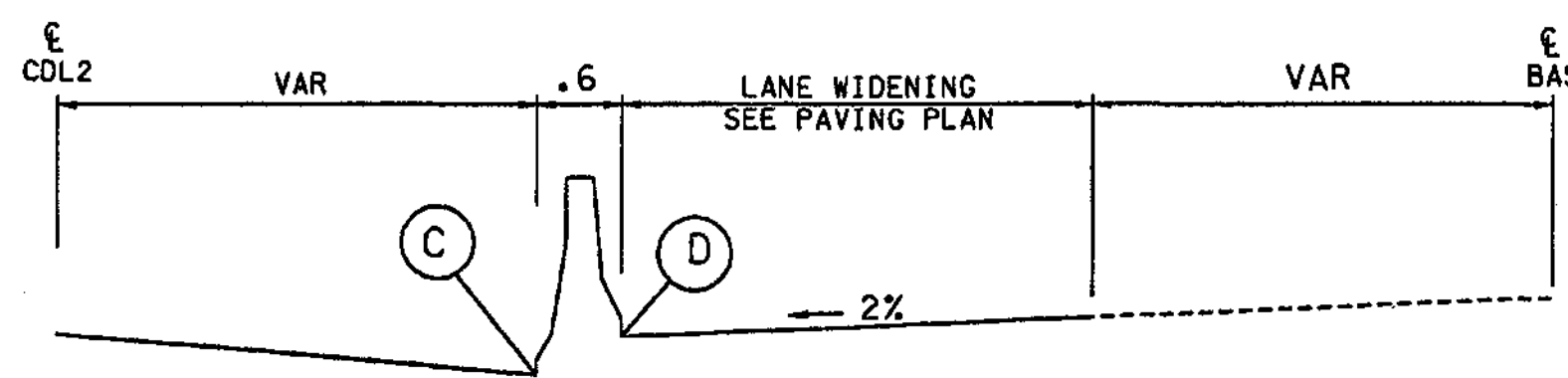
STATION BAS	ELEV C	ELEV DIFF C-D (m)	ELEV D	STATION BAS	ELEV C	ELEV DIFF C-D (m)	ELEV D
100+724	33.351	-.891	34.242	100+950	40.839	-.044	40.883
100+725	33.404	-.860	34.264	100+955	41.004	-.049	41.053
100+730	33.662	-.735	34.397	100+960	41.169	-.053	41.222
100+735	33.913	-.616	34.529	100+965	41.333	-.060	41.393
100+740	34.154	-.485	34.639	100+970	41.498	-.075	41.573
100+745	34.374	-.394	34.768	100+975	41.663	-.075	41.738
100+750	34.571	-.332	34.903	100+980	41.827	-.071	41.898
100+755	34.759	-.279	35.038	100+985	41.992	-.077	42.069
100+760	34.940	-.231	35.171	100+990	42.157	-.076	42.248
100+765	35.115	-.188	35.303	100+995	42.321	-.103	42.424
100+770	35.282	-.174	35.456	101+000	42.485	-.101	42.586
100+775	35.447	-.126	35.573	101+005	42.649	-.102	42.751
100+780	35.609	-.084	35.693	101+010	42.813	-.086	42.899
100+785	35.764	-.050	35.814	101+015	42.977	-.069	43.046
100+790	35.910	-.040	35.950	101+020	43.140	-.056	43.196
100+795	36.050	-.039	36.089	101+025	43.303	-.015	43.318
100+800	36.188	-.039	36.227	101+030	43.466	-.018	43.464
100+805	36.327	-.032	36.359	101+035	43.628	-.015	43.618
100+810	36.466	-.025	36.497	101+040	43.780	-.028	43.764
100+815	36.608	-.015	36.623	101+045	43.922	-.042	43.913
100+820	36.750	-.029	36.779	101+050	44.055	-.078	44.083
100+825	36.894	-.045	36.939	101+055	44.144	-.084	44.228
100+830	37.038	-.061	37.099	101+060	44.284	-.084	44.368
100+835	37.184	-.057	37.241	101+065	44.431	-.076	44.506
100+840	37.332	-.039	37.371	101+070	44.580	-.077	44.657
100+845	37.480	-.035	37.515	101+075	44.731	-.080	44.811
100+850	37.630	-.048	37.678	101+080	44.872	-.080	44.952
100+855	37.781	-.049	37.830	101+085	45.015	-.092	45.107
100+860	37.933	-.057	37.990	101+090	45.155	-.104	45.259
100+865	38.086	-.056	38.142	101+095	45.287	-.109	45.396
100+870	38.241	-.055	38.296	101+100	45.439	-.089	45.528
100+875	38.397	-.060	38.457	101+105	45.590	-.080	45.670
100+880	38.554	-.066	38.620	101+110	45.742	-.084	45.826
100+885	38.712	-.065	38.777	101+115	45.869	-.093	45.962
100+890	38.872	-.066	38.938	101+120	46.008	-.094	46.102
100+895	39.032	-.078	39.110	101+125	46.136	-.132	46.268
100+900	39.194	-.076	39.270	101+130	46.265	-.156	46.421
100+905	39.358	-.064	39.422	101+135	46.394	-.161	46.555
100+910	39.522	-.062	39.587	101+140	46.543	-.164	46.707
100+915	39.687	-.071	39.758	101+145	46.695	-.163	46.858
100+920	39.851	-.069	39.920	101+150	46.847	-.153	47.000
100+925	40.016	-.063	40.079	101+155	46.984	-.165	47.149
100+930	40.181	-.060	40.241	101+160	47.127	-.186	47.313
100+935	40.345	-.058	40.403	101+165	47.273	-.180	47.453
100+940	40.510	-.053	40.563	101+170	47.423	-.184	47.607
100+945	40.675	-.052	40.727	101+175	47.560	-.188	47.748



STA 100+031 TO 100+099  
\*VERIFY ELEV (D) ON SITE



STA 100+099 TO 100+213



\*VERIFY ELEV (D) ON SITE

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	REGION NO.	STATE	FED. AID PROJ. NO.
MH	12/02	10	WASH	
ENTERED BY	CS			
CHECKED BY	JRS			
PROJ. ENGR.	D. CIERI			
REGIONAL ADM.	D. DYE			
DATE	DATE	REVISION	BY	

JOB NUMBER	CONTRACT NO.
02A012	

**ENVIRONMENTAL AND ENGINEERING SERVICE CENTER**

**Washington State Department of Transportation**

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

**BARRIER DETAILS**

SHEET NO. **BD6**  
349 of 1152 SHEETS



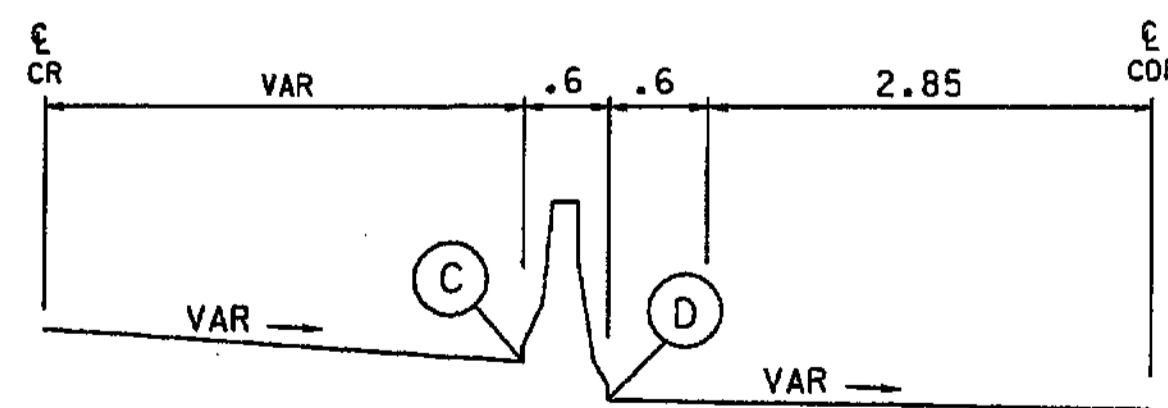
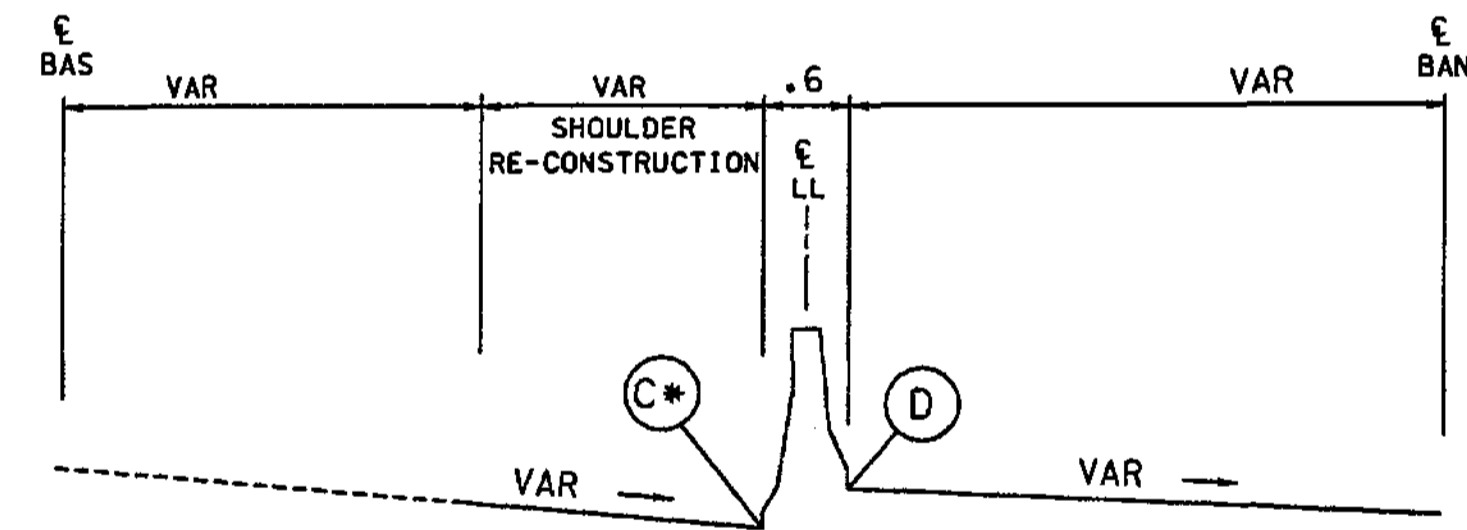
C:\PWTEMP\dms00322\BDO07\_C2.dgn  
PLOT...  
11/27/2002 10:01:37 AM  
mbenson

TABLE 10

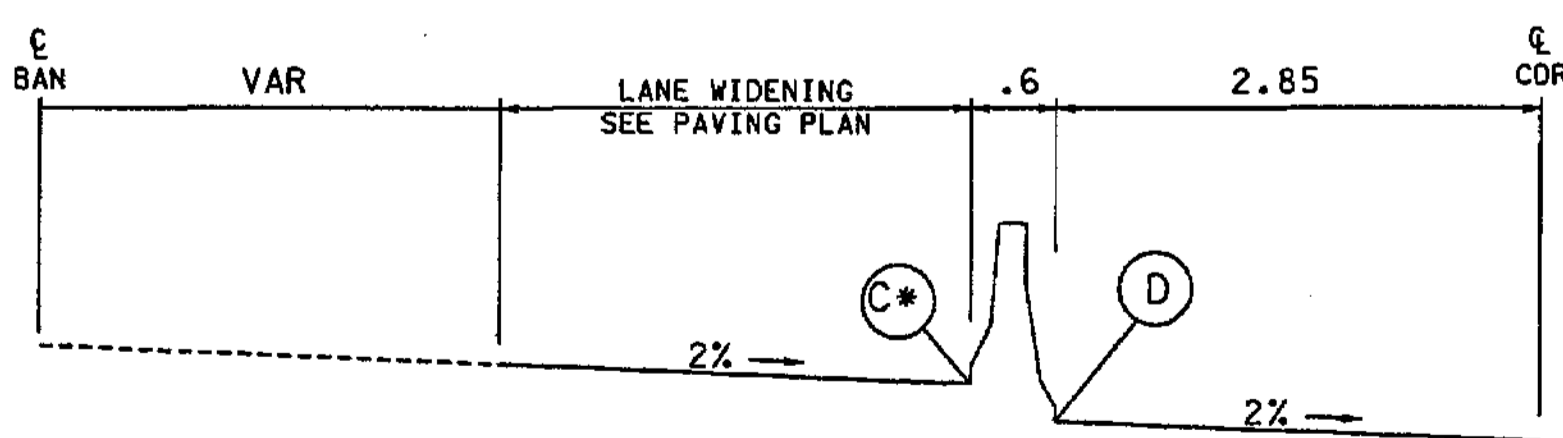
STATION CDR	ELEV C	ELEV DIFF C-D (m)	ELEV D	STATION CDR	ELEV C	ELEV DIFF C-D (m)	ELEV D
25+471	28.112	.878	27.234	25+710	34.073	.005	34.068
25+475	28.067	.708	27.359	25+715	34.217	.007	34.210
25+480	28.031	.515	27.516	25+720	34.351	-.001	34.352
25+485	28.019	.347	27.672	25+725	34.487	-.006	34.493
25+490	28.032	.204	27.828	25+730	34.626	-.009	34.635
25+495	28.069	.084	27.985	25+735	34.764	-.012	34.776
25+500	28.149	.008	28.141	25+740	34.905	-.013	34.918
25+505	28.274	-.023	28.297	25+745	35.043	-.017	35.060
25+510	28.369	-.067	28.435	25+750	35.172	-.029	35.201
25+515	28.554	-.014	28.568	25+755	35.303	-.040	35.343
25+520	28.694	-.006	28.700	25+760	35.452	-.032	35.484
25+525	28.836	.007	28.829	25+765	35.582	-.044	35.626
25+530	28.977	.020	28.957	25+770	35.712	-.056	35.768
25+535	29.145	.043	29.102	25+775	35.843	-.066	35.909
25+540	29.287	.039	29.248	25+780	35.978	-.073	36.051
25+545	29.420	.026	29.394	25+785	36.131	-.062	36.193
25+550	29.554	.017	29.537	25+790	36.282	-.052	36.334
25+555	29.703	.024	29.679	25+795	36.425	-.051	36.476
25+560	29.853	.033	29.820	25+800	36.566	-.051	36.617
25+565	29.992	.030	29.962	25+805	36.706	-.053	36.759
25+570	30.133	.030	30.103	25+810	36.851	-.050	36.901
25+575	30.284	.039	30.245	25+815	37.000	-.042	37.042
25+580	30.426	.039	30.387	25+820	37.150	-.034	37.184
25+585	30.568	.040	30.528	25+825	37.301	-.024	37.325
25+590	30.717	.047	30.670	25+830	37.450	-.017	37.467
25+595	30.857	.046	30.811	25+835	37.599	-.010	37.609
25+600	31.000	.047	30.953	25+840	37.739	-.014	37.753
25+605	31.138	.043	31.095	25+845	37.892	-.006	37.898
25+610	31.274	.038	31.236	25+850	38.051	.007	38.044
25+615	31.414	.036	31.378	25+855	38.192	.000	38.192
25+620	31.562	.043	31.519	25+860	38.351	.010	38.341
25+625	31.700	.039	31.661	25+865	38.506	.015	38.491
25+630	31.831	.028	31.803	25+870	38.654	.011	38.643
25+635	31.967	.023	31.944	25+875	38.807	.012	38.795
25+640	32.105	.019	32.086	25+880	38.956	.009	38.947
25+645	32.245	.018	32.227	25+885	39.098	-.001	39.099
25+650	32.381	.012	32.369	25+890	39.252	.001	39.251
25+655	32.521	.010	32.511	25+895	39.407	.004	39.403
25+660	32.660	.008	32.652	25+900	39.566	.010	39.556
25+665	32.799	.005	32.794	25+905	39.722	.014	39.708
25+670	32.939	.003	32.936	25+910	39.883	.023	39.860
25+675	33.080	.003	33.077	25+915	40.037	.025	40.012
25+680	33.216	-.003	33.219	25+920	40.190	.026	40.164
25+685	33.355	-.005	33.360	25+925	40.345	.029	40.316
25+690	33.497	-.005	33.502				
25+695	33.645	.001	33.644				
25+700	33.791	.006	33.785				
25+705	33.932	.005	33.927				

TABLE 11

STATION BAS	ELEV C	ELEV DIFF C-D (m)	ELEV D	STATION BAS	ELEV C	ELEV DIFF C-D (m)	ELEV D
100+110	17.097	-.667	17.764	100+255	21.291	-.085	21.376
100+115	17.268	-.660	17.928	100+260	21.451	-.065	21.516
100+120	17.441	-.648	18.089	100+265	21.611	-.048	21.659
100+125	17.617	-.631	18.248	100+270	21.768	-.021	21.789
100+130	17.797	-.608	18.405	100+275	21.914	-.017	21.931
100+135	17.979	-.581	18.560	100+280	22.046	-.026	22.072
100+140	18.113	-.600	18.713	100+285	22.177	-.027	22.204
100+145	18.248	-.617	18.865	100+290	22.318	-.031	22.349
100+150	18.384	-.630	19.014	100+295	22.459	-.030	22.489
100+155	18.520	-.641	19.161	100+300	22.599	-.022	22.621
100+160	18.658	-.647	19.305	100+305	22.740	-.022	22.762
100+165	18.797	-.628	19.425	100+310	22.861	-.047	22.908
100+170	18.936	-.607	19.543	100+315	23.022	-.016	23.038
100+175	19.076	-.582	19.658	100+320	23.162	-.022	23.184
100+180	19.217	-.553	19.770	100+325	23.303	-.035	23.338
100+185	19.359	-.521	19.880	100+330	23.444	-.043	23.487
100+190	19.501	-.489	19.990	100+335	23.585	-.038	23.623
100+195	19.643	-.455	20.098	100+340	23.726	-.033	23.759
100+200	19.786	-.420	20.206	100+345	23.866	-.037	23.903
100+205	19.929	-.383	20.312	100+350	24.007	-.051	24.058
100+210	20.112	-.041	20.071	100+355	24.148	-.049	24.197
100+215	20.211	-.310	20.521	100+360	24.289	-.039	24.328
100+220	20.350	-.278	20.628	100+365	24.433	-.033	24.466
100+225	20.487	-.248	20.735	100+370	24.576	-.030	24.606
100+230	20.622	-.219	20.841	100+375	24.720	-.027	24.747
100+235	20.755	-.193	20.948	100+380	24.864	-.023	24.887
100+240	20.886	-.168	21.054	100+385	25.009	-.018	25.027
100+245	21.015	-.146	21.161	100+390	25.154	-.013	25.167
100+250	21.143	-.124	21.267	101+395	25.299	-.008	25.307



STA 25+471 TO 25+534.058



STA 25+534.058 TO 25+943.1

\*VERIFY ELEV (C) ON SITE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. BD7				
ENTERED BY CS	12/02	JOB NUMBER	02A012												SHEET 350 OF 1152 SHEETS	
CHECKED BY JRS	12/02	CONTRACT NO.														
PROJ. ENGR. D. CIERI	12/02															
REGIONAL ADM. D. DYE	12/02															
	DATE	DATE	REVISION	BY								BARRIER DETAILS				

FOR "AS CONSTRUCTED  
PLANS" ONLY

C:\pwrtemp\dms00771\RA001\_C2.DGN

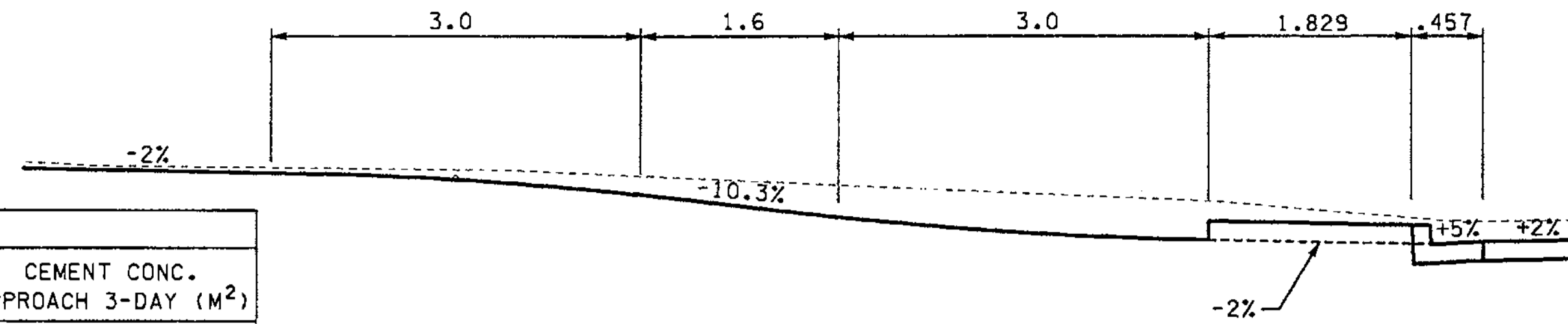
PLOT16

01:55:19 PM

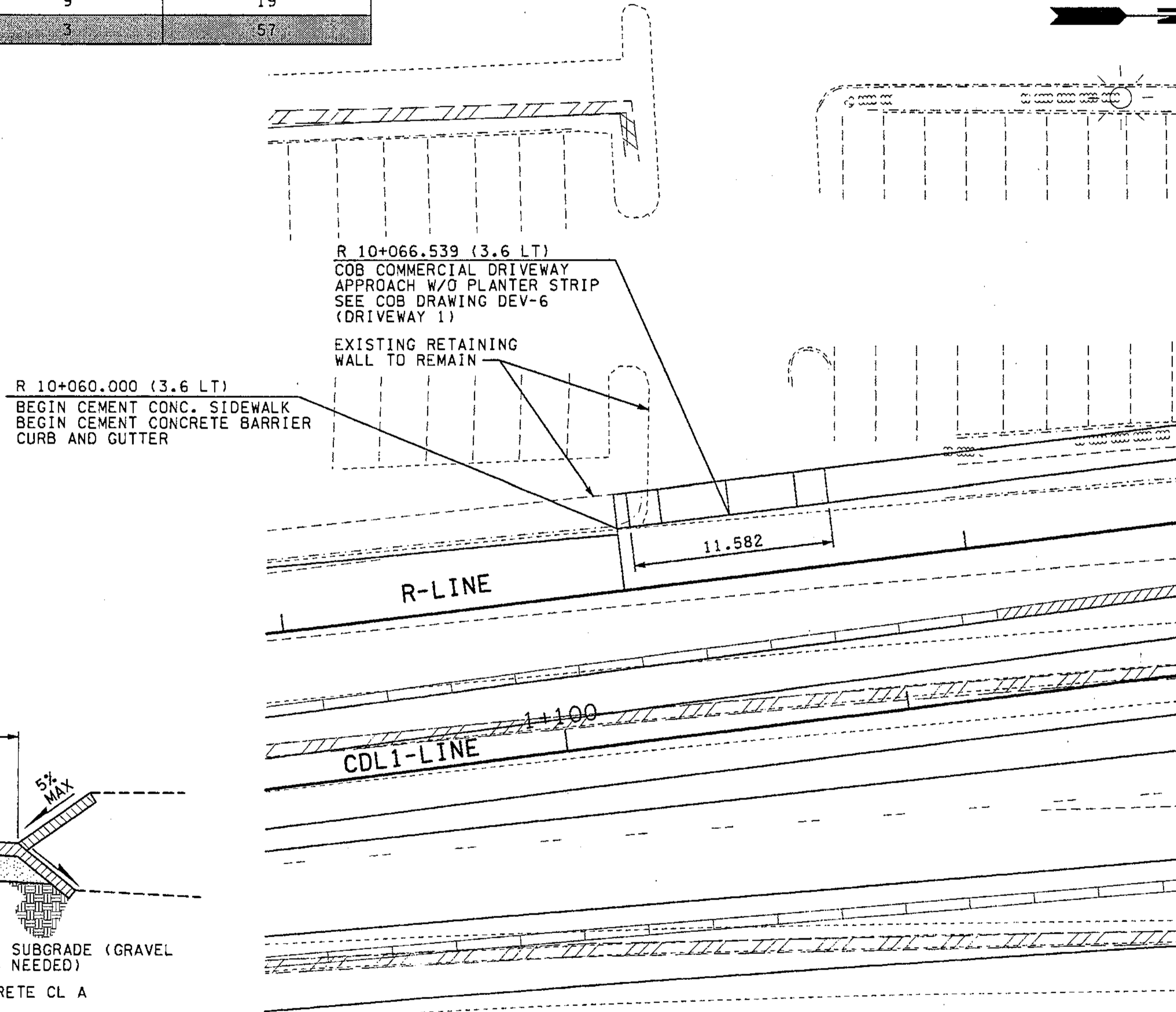
04/22/2003

CWILCOX

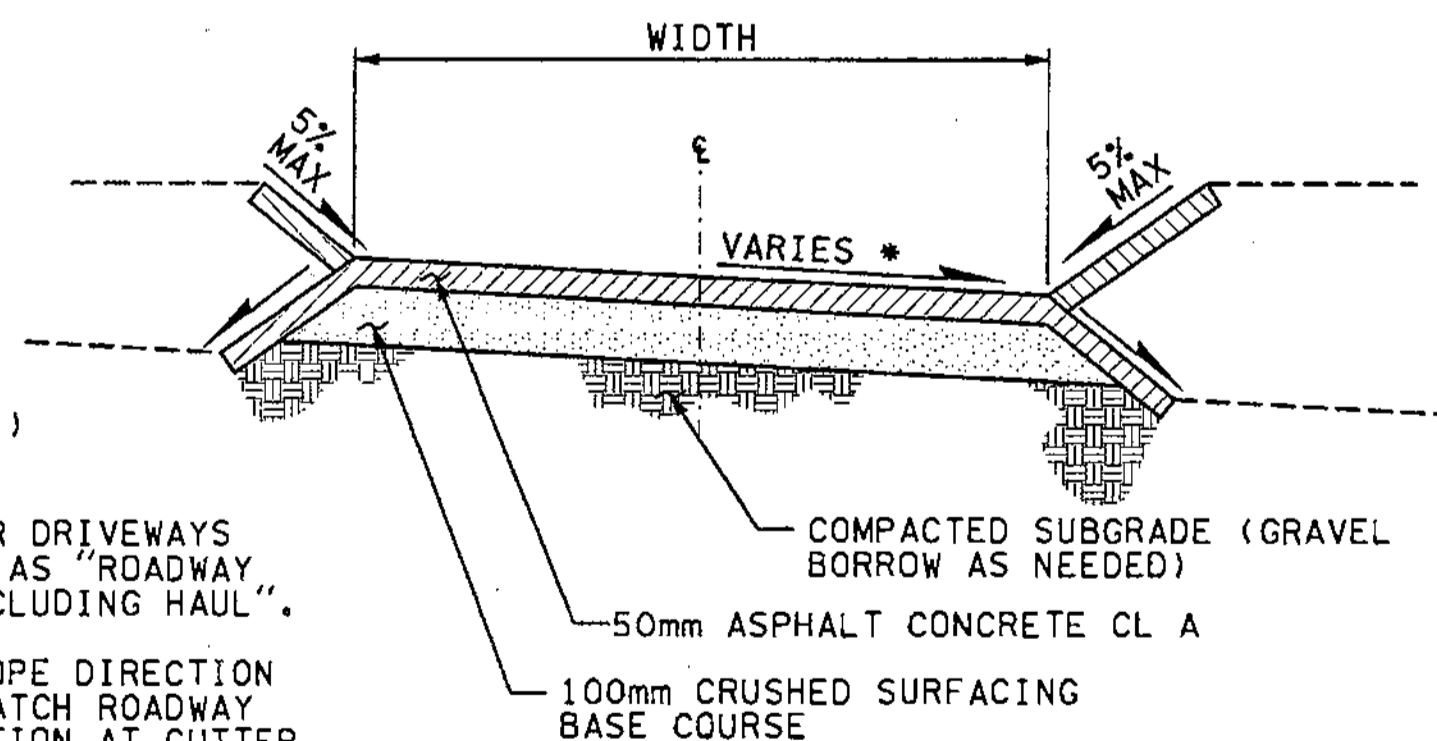
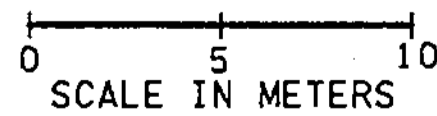
APPROACH SCHEDULE					
STATION	WIDTH	LENGTH	ASPHALT CONC. APPROACH CL. A (T)	CRUSHED SURFACING BASE COURSE (T)	CEMENT CONC. APPROACH 3-DAY (M <sup>2</sup> )
R 10+066.539 (LT)	11.582	7.6	11	20	21
S 15+125.911 (LT)	11.582	2.0	3	5	21
S 15+139.843 (LT)	8.158	12.5	13	23	15
S 15+152.155 (LT)	8.158	9.5	10	17	15
T 3+274.050 (RT)	9.1	2.8	6	10	25
T 3+327.800 (RT)	9.1	3.8	6	10	25
S 15+076.650 (LT)	10.160	3.8	5	9	19
T 2+723.750 (LT)	14.630	1.0	2	3	57



"DRIVEWAY 1"  
DRIVEWAY PROFILE



"DRIVEWAY 1"  
DRIVEWAY DETAIL



TYPE 1 DRIVEWAY SECTION  
NTS

SAWCUT MATCH EXISTING (TYP.)

NOTE:  
EXCAVATION FOR DRIVEWAYS SHALL BE PAID AS "ROADWAY EXCAVATION INCLUDING HAUL".

\* DRIVEWAY SLOPE DIRECTION VARIES TO MATCH ROADWAY SLOPE DIRECTION AT GUTTER LINE.

FOR "AS CONSTRUCTED PLANS" ONLY

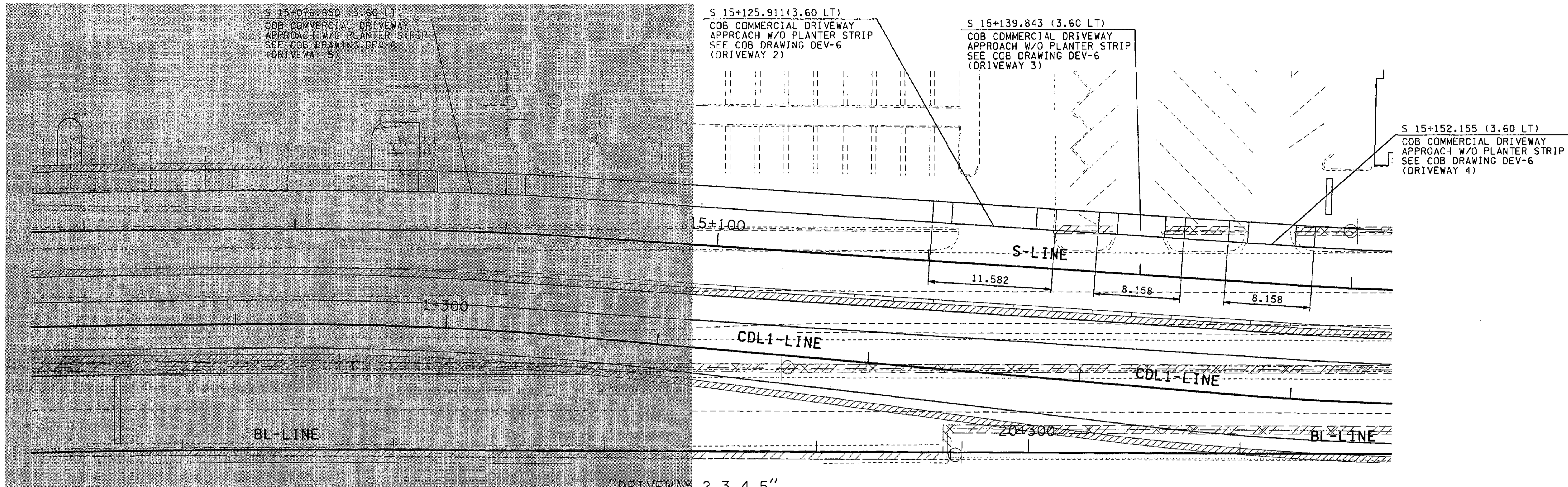
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	12/02			REGION NO. 10	STATE WASH	FED. AID PROJ. NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. 	SHEET NO. RA1
ENTERED BY MJB	12/02			JOB NUMBER 02A012							SHEET 351 OF 1152 SHEETS
CHECKED BY JRS	12/02			CONTRACT NO.							
PROJ. ENGR. D. CIERI	12/02	4/23/03	ADDED DRIVEWAY SCHEDULE NOTE	RGD							
REGIONAL ADM. D. OYE	12/02	4/11/03	ADDED DRIVEWAY SCHEDULE NOTE	RGD							
	DATE	DATE	REVISION	BY							

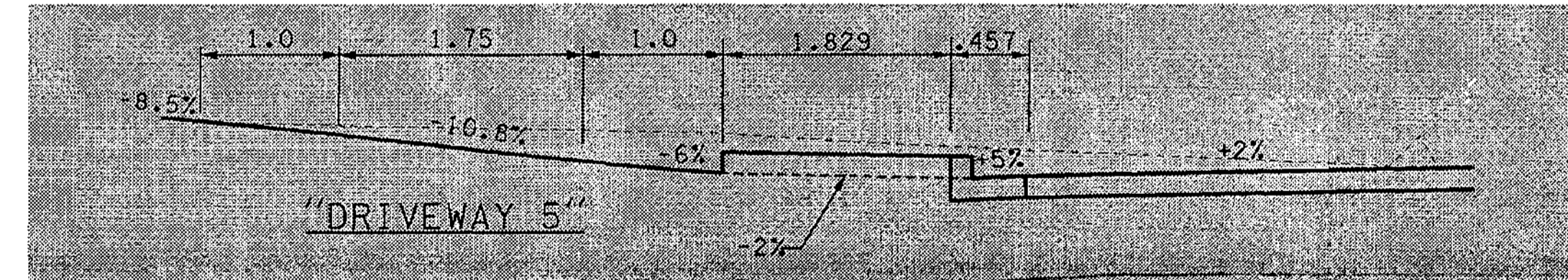
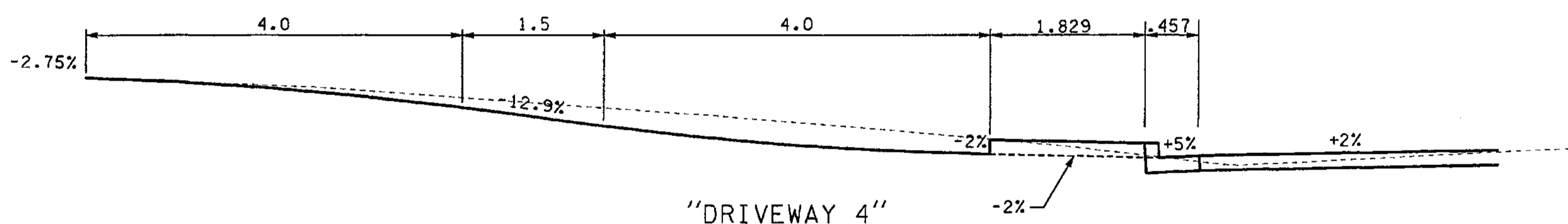
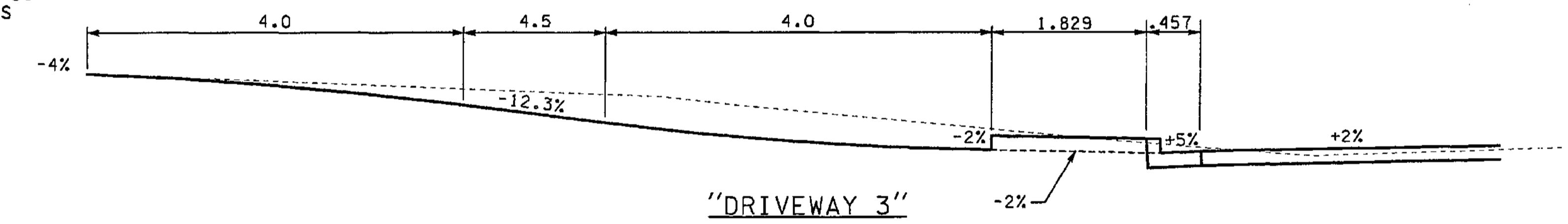
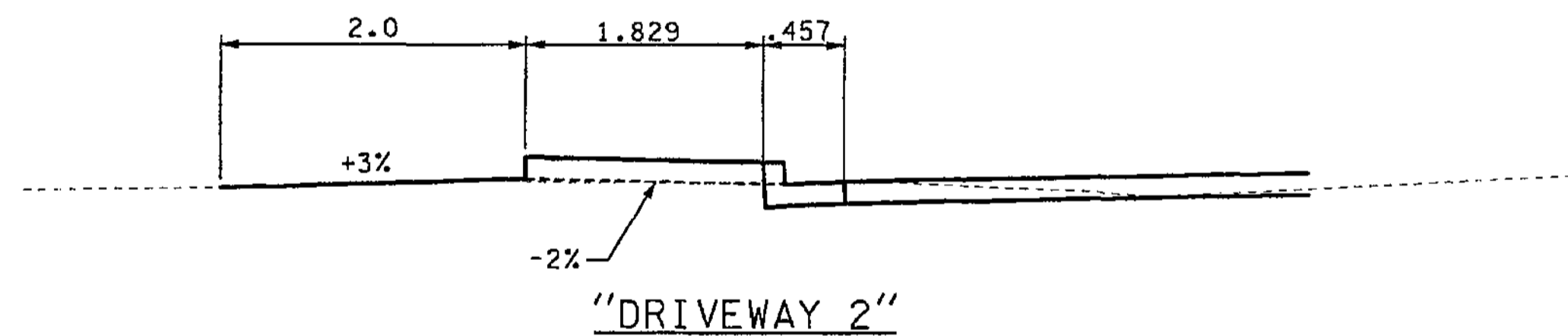
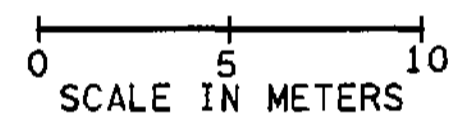


C:\PWTEMP\dms00771\RA002\_C2.DGN

04/07/2003  
Keller

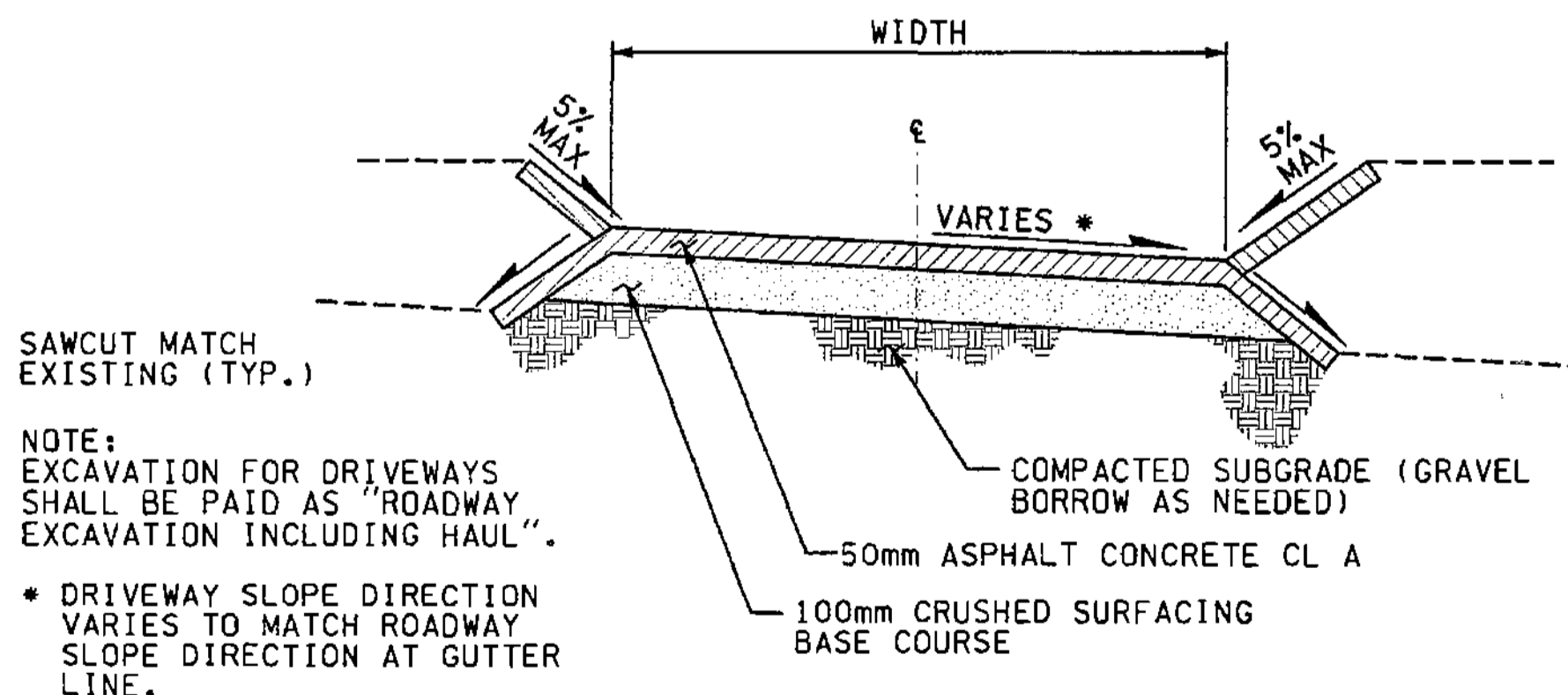


"DRIVEWAY 2,3,4,5"  
**DRIVEWAY DETAILS**



**DRIVEWAY PROFILES**

FOR "AS CONSTRUCTED  
PLANS" ONLY



**TYPE 1 DRIVEWAY SECTION**

NTS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.	
ENTERED BY	MJB	12/02	JOB NUMBER	02A012				
CHECKED BY	JRS	12/02	CONTRACT NO.					
PROJ. ENGR.	D. CIERI	12/02	DATE	4/11/03	ADDED DRIVEWAY	RG	REVISION	BY
REGIONAL ADM.	D. DYE	12/02	DATE					

ENVIRONMENTAL AND ENGINEERING  
SERVICE CENTER

4/7/03

Washington State  
Department of Transportation

HDR  
ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

ROADWAY APPROACH PLAN

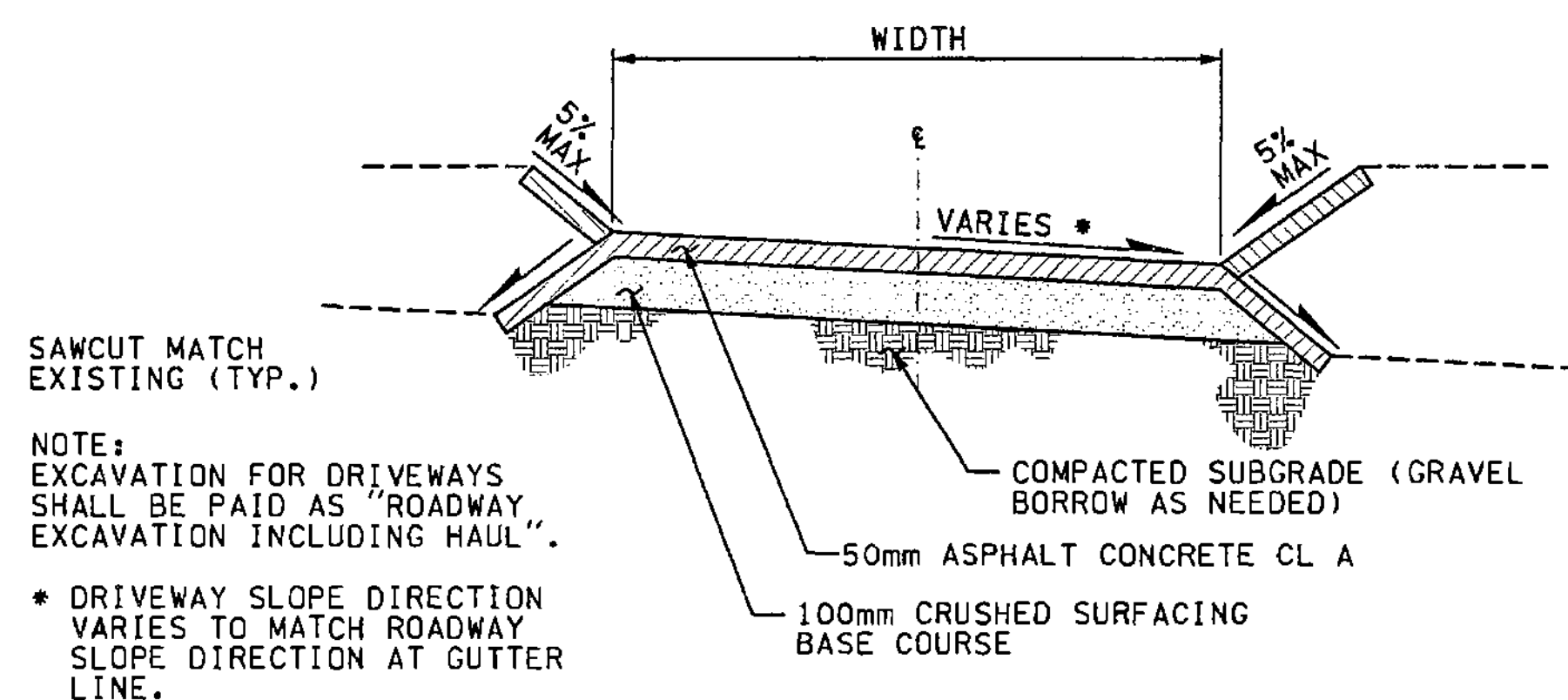
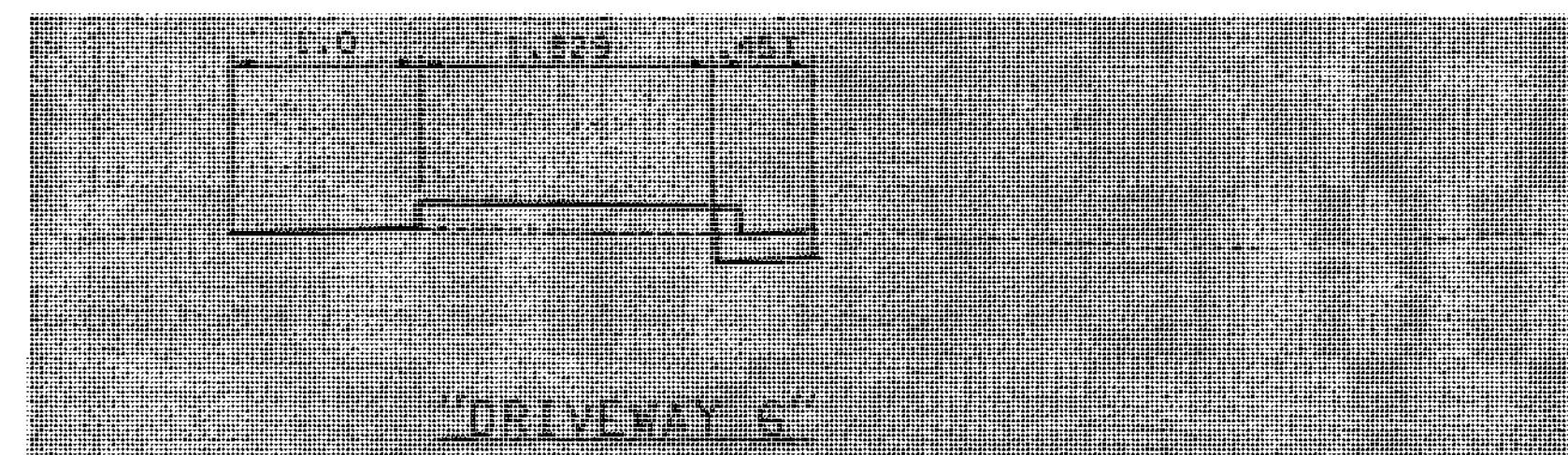
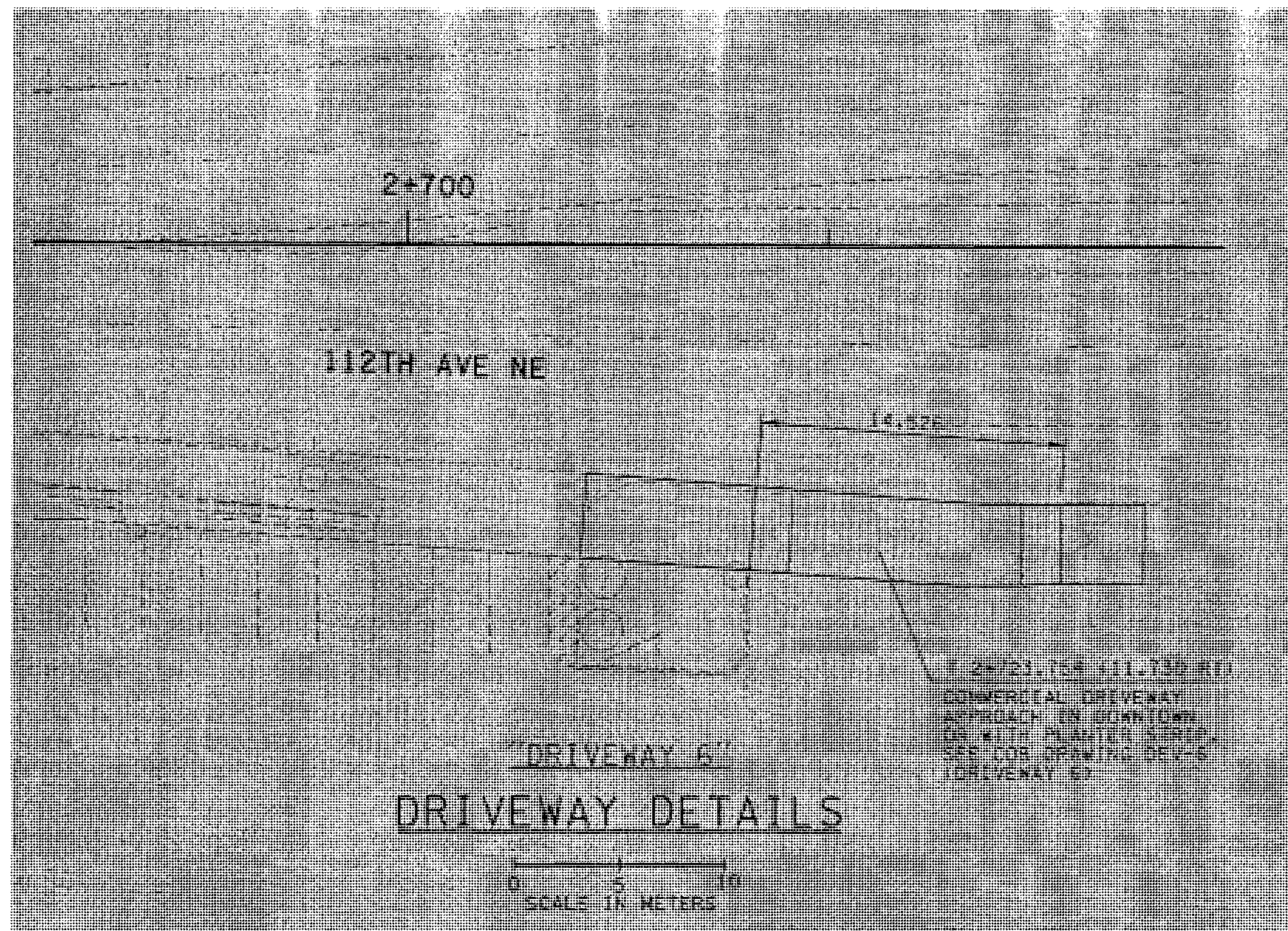
SHEET NO.  
RA2

SHEET  
352  
OF  
1152  
SHEETS

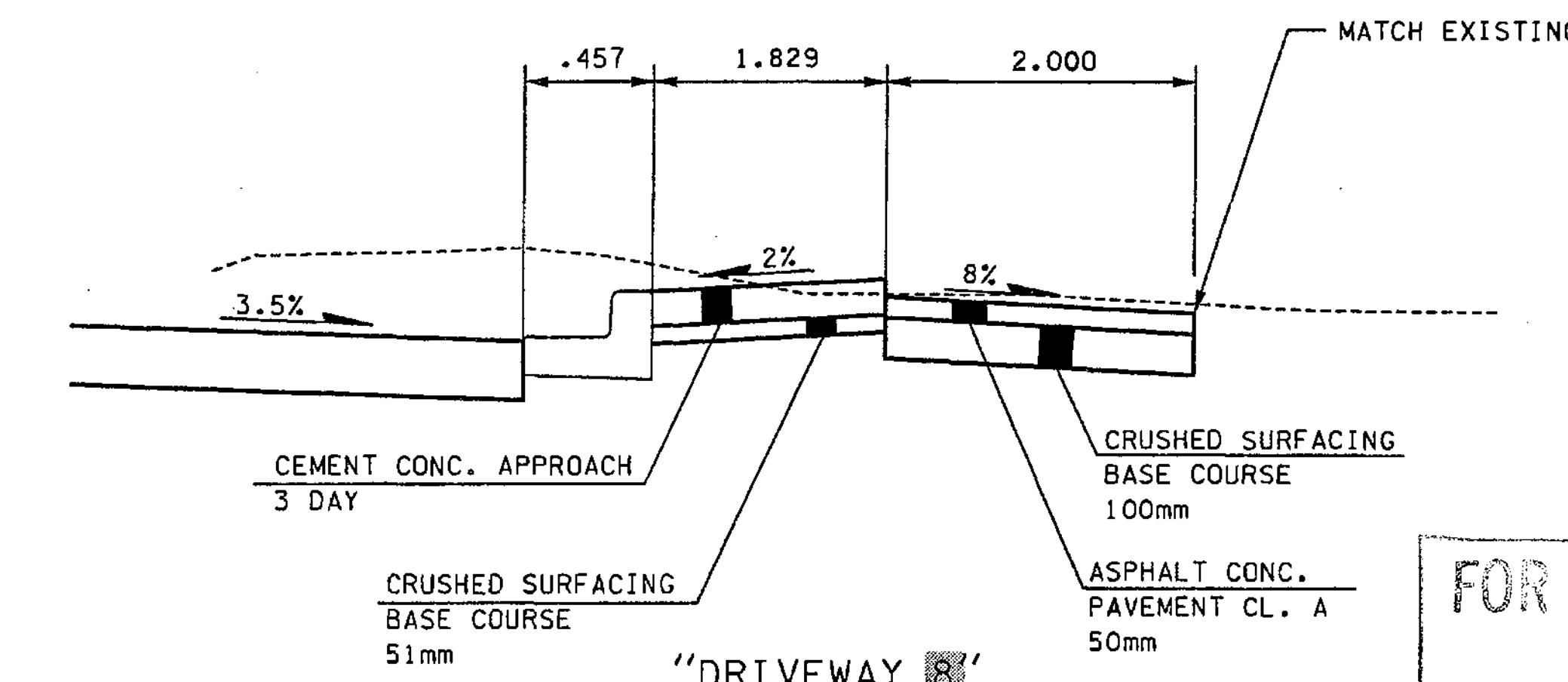
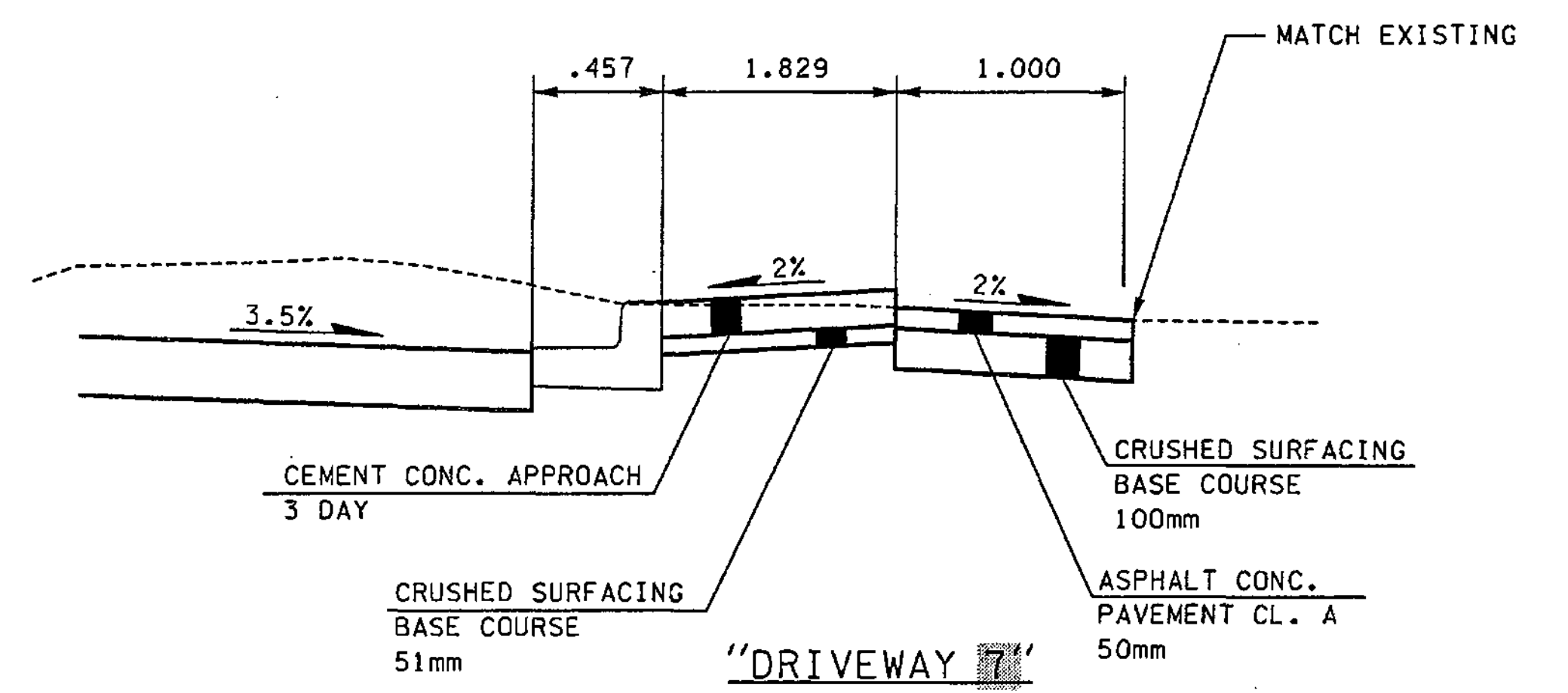
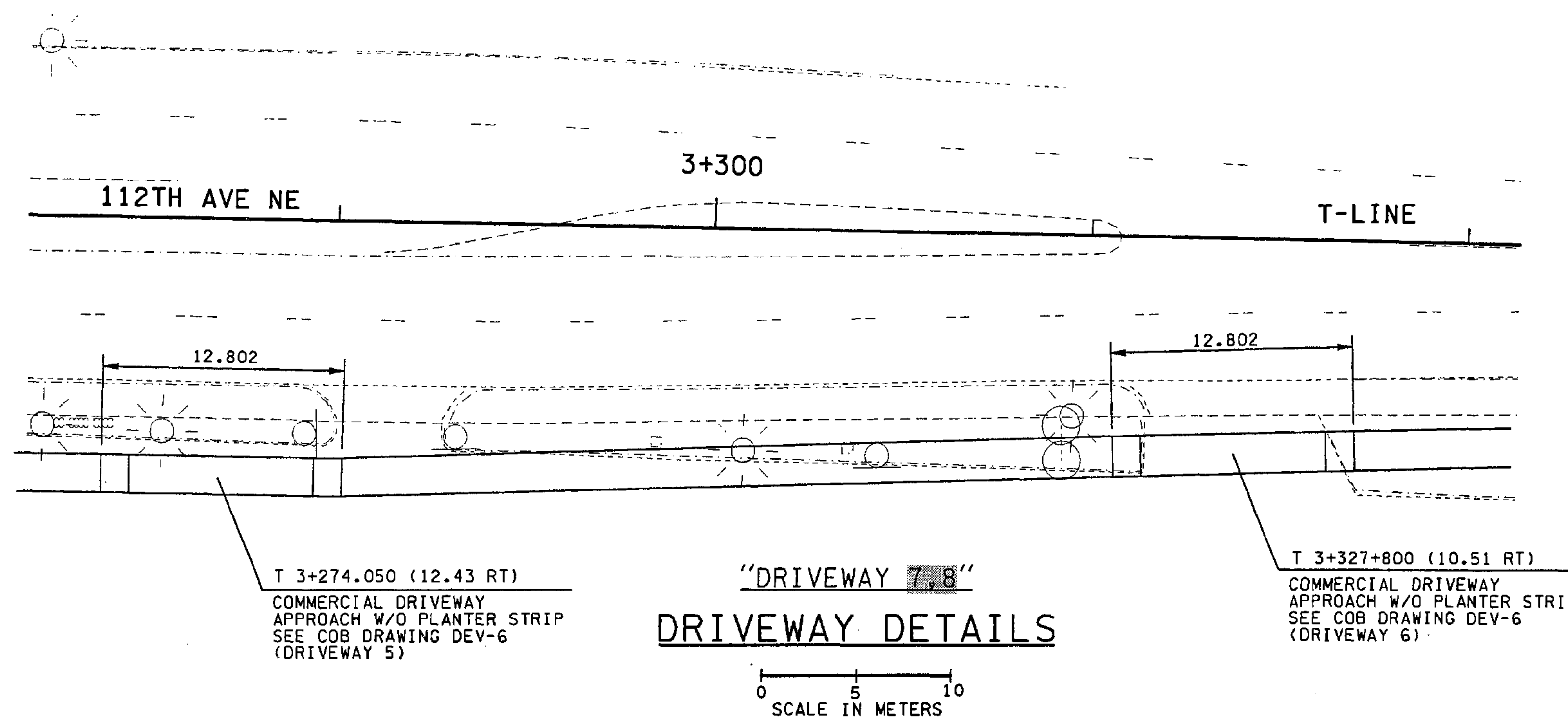


c:\pwt\emp\dms00771\RA003\_C2.DGN

04/24/2003 mahoward



**TYPE 1 DRIVEWAY SECTION**  
NTS



**DRIVEWAY PROFILES**  
NTS

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	S. GRAFF	12/02		REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY	J. TYLER	12/02		JOB NUMBER	02A012				
CHECKED BY	R. FRANTZ	12/02		CONTRACT NO.					
PROJ. ENGR.	D. CIERI	12/02							
REGIONAL ADM.	D. DYE	12/02	4/23/03	ADDED "DRIVEWAY 6"	RCO				
		DATE	DATE	REVISION	BY				

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  
DONALD H. KEENE  
REGISTERED PROFESSIONAL ENGINEER  
1/29/2003  
EDES 022904

Washington State Department of Transportation  
HDR ENGINEERING INC.  
Harding ESE A MACTEC COMPANY

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
ROADWAY APPROACH PLAN

SHEET NO. RA3  
SHEET 353 OF 1152 SHEETS

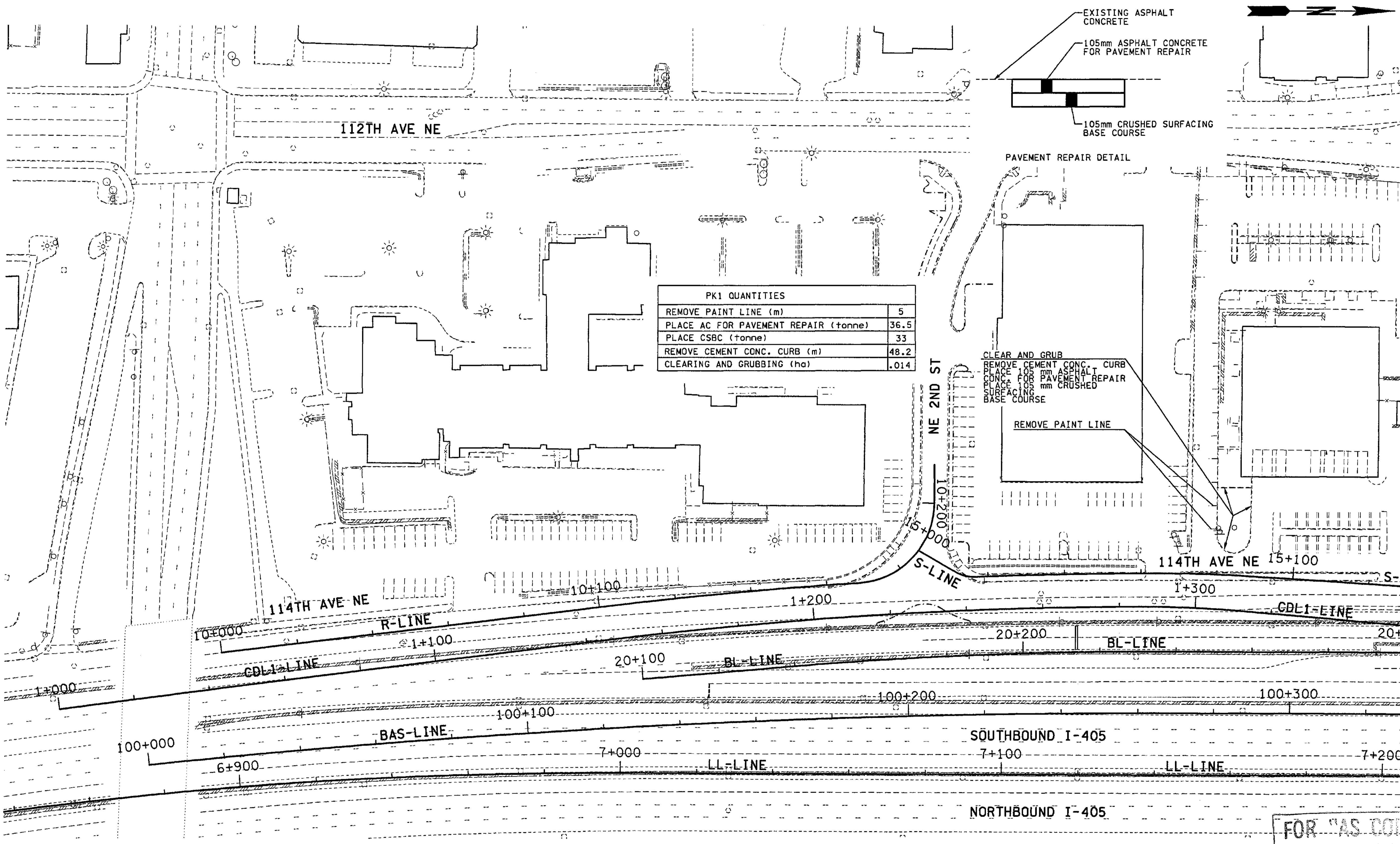


C:\PWTEMP\dms01949\PK001\_C2.DGN

PLOT2

11/27/2002 10:15:50 AM

mbenson



PK1 QUANTITIES	
REMOVE PAINT LINE (m)	5
PLACE AC FOR PAVEMENT REPAIR (tonne)	36.5
PLACE CSBC (tonne)	33
REMOVE CEMENT CONC. CURB (m)	48.2
CLEARING AND GRUBBING (ha)	.014

FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	AS	12/02	REGION NO.	STATE	FED.AID PROJ.NO.
ENTERED BY	MJB	12/02	10	WASH	
CHECKED BY	MH	12/02	JOB NUMBER		02A012
PROJ. ENGR.	D. CIERI	12/02	CONTRACT NO.		
REGIONAL ADM.	D. DYE	12/02	DATE	DATE	REVISION
			BY		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER
---

Washington State  
Department of Transportation

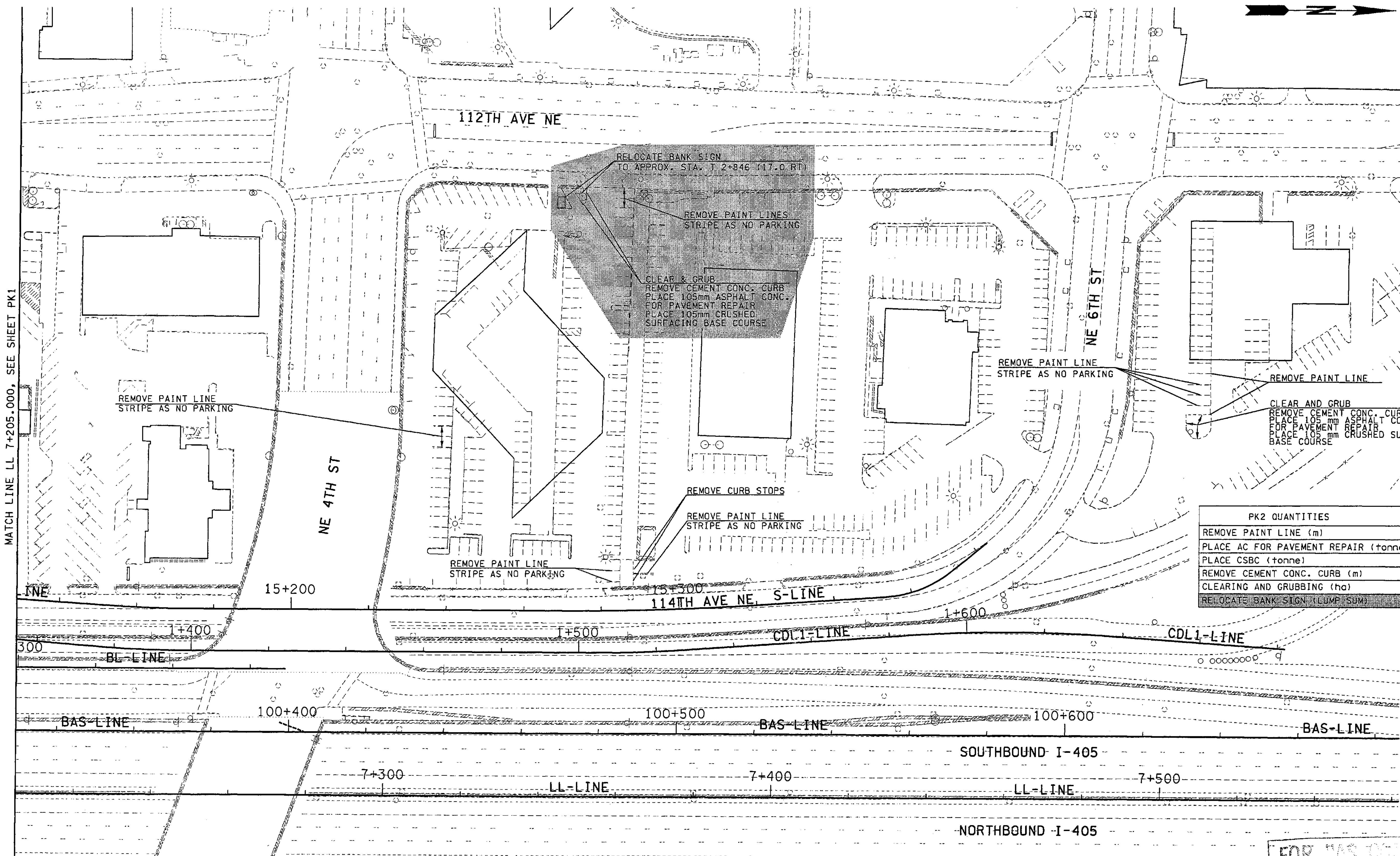
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PARKING LAYOUT PLAN

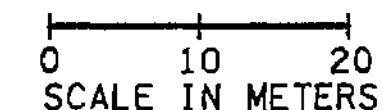
SHEET NO  
PK1

SHEET  
354  
1132  
SHEETS

MATCH LINE LL 7+205.000, SEE SHEET PK2



PK2 QUANTITIES	
REMOVE PAINT LINE (m)	70
PLACE AC FOR PAVEMENT REPAIR (tonne)	12
PLACE CSBC (tonne)	10
REMOVE CEMENT CONC. CURB (m)	35
CLEARING AND GRUBBING (ha)	.01
RELOCATE BANK SIGN (LUMP SUM)	L.S.



FOR "AS CONSTRUCTION PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	REVISION	BY
AS	12/02		
MJB	12/02		
MH	12/02		
D. CIERI	12/02	4/23/03	RGD
D. DYE	12/02	3/28/03	RGD

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

4/25/03

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PARKING LAYOUT PLAN

SHEET NO  
PK2

SHEET  
355  
OF  
1152  
SHEETS

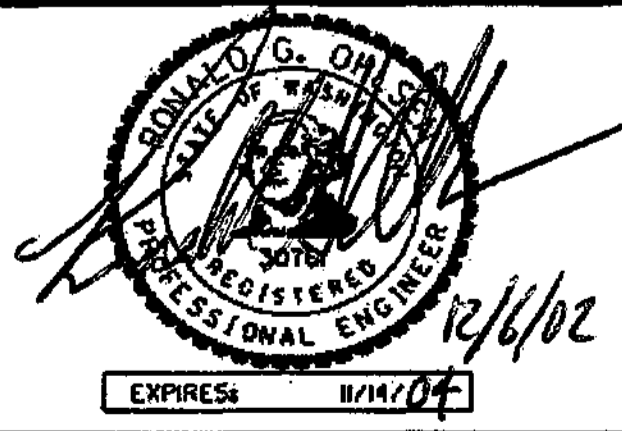





# QUANTITY TABULATION - PAVEMENT MARKING

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.														GENERAL NOTES:				
CODE	LOCATION \ UNIT OF MEASURE >	PLASTIC TRAFFIC ARROW EACH	COB PLASTIC TRAFFIC ARROW EACH	PLASTIC TRAFFIC LETTER EACH		PLASTIC HOV LANE SYMBOL TYPE 1 EACH	PLASTIC HOV LANE SYMBOL TYPE 2 EACH				RAISED PAVEMENT MARKER TYPE 1 HUND	RAISED PAVEMENT MARKER TYPE 2 HUND				SEE GENERAL NOTES		
PM2	S 15+006 RT TO 15+015 RT																1	1. SEE TRAFFIC CONTROL FOR ADDITIONAL QUANTITIES.  2. ALL PLASTIC USED FOR PAVEMENT MARKINGS SHALL BE TYPE D.
PM1-2	R 10+000 TO R 10+210									3.96	0.66					1		
PM2,3,6	S 15+000 TO 15+355.5									6.72	1.12					1,2		
	CDL1 1+000 TO 1+701.9											0.29				1		
	CDL1 1+000 LT TO CDL1 1+584.172 LT															2		
PM1-2	CDL1 1+009 2.25 RT TO 1+207 RT															2		
PM1-2	CDL1 1+009 2.25 RT TO BL 10+152.5 LT															2		
PM1-4	CDL1 1+000 6 RT TO CDL1 1+153.611															2		
	CDL1 1+207 2.25 RT TO CDL1 1+681.859															2		
PM6,8	CDL1 1+398.594 TO 1+527.51															2		
PM6,8	CDL1 1+584.172 TO 1+636.4															2		
PM6,8	CDL1 1+636.4 TO 1+681.9															2		
	CDL1 1+110 RT TO 1+155									0.41	0.68					1		
PM2-4	BL 20+100 TO BL 20+348.3	3					4					0.09				1,2		
PM2	BL 20+100 LT TO BL 20+152.5 7.2 LT															2		
PM2-4	BL 20+152.5 7.2 LT TO BL 20+339.387 7.2 LT															2		
PM2	BL 20+136.601 LT TO BL 20+152.5 LT															2		
PM2-4	BL 20+152.5 3.6 LT TO BL 20+338 3.6 LT															2		
PM4-6,8	CL 5+016.846 TO CL 5+142.5											0.06				1,2		
PM4-8	CL 5+036.917 7.5 LT TO 5+240 4.5 LT	4		4												2		
PM8	CDL2 1+700 TO 1+778.7															2		
PM8-10	CDL2 1+700 RT TO 2+221.544 RT											0.22				1,2		
	CDL2 2+221.544 RT TO LL 8+155.51 LT															2		
PM8	CDL2 1+778.7 2.25 LT TO 1+828.5 2.25 LT															2		
	CDL2 1+828.5 2.25 LT TO 1+865 2.25 LT															2		
PM8-9	CDL2 1+865 2.25 LT TO 1+901.5 2.25 LT															2		
PM9																2		
PM8-9	CDL2 1+819.7 4.5 LT TO 1+903.3 4.5 LT															2		
PM9	CDL2 1+935.7 2.25 LT TO 2+022.1 2.25 LT															2		
PM9	CDL2 2+022.1 2.25 LT TO 2+069.5 2.25 LT															2		
PM10	CDL2 2+069.5 2.25 LT TO 2+094.064 2.25 LT															2		
	BAS 100+095 LT TO BAS 100+516 LT															2		
	BAS 100+000 6.7 LT TO BAS 100+542 LT	3				5										2		
	BAS 100+551 LT TO 100+670 LT									2.34	0.5					1		
	BAS 100+000 3.35 LT TO BAS 101+253 LT											0.41				1,2		
<b>SHEET TOTAL</b>		10		4		5	4			13.43	4.03							

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	JS	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			1405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	QPM 2
ENTERED BY	MJB	12/09/02		10	WASH		SHEET 357				
CHECKED BY	GW	12/09/02		JOB NUMBER 02A012			OF 1152				
PROJ. ENGR.	D. CIERI	12/09/02		CONTRACT NO.			SHEETS				
REGION ADM.	D. DYE	12/09/02					QUANTITY TABULATION - PAVEMENT MARKING				
		DATE	DATE	REVISION	BY						

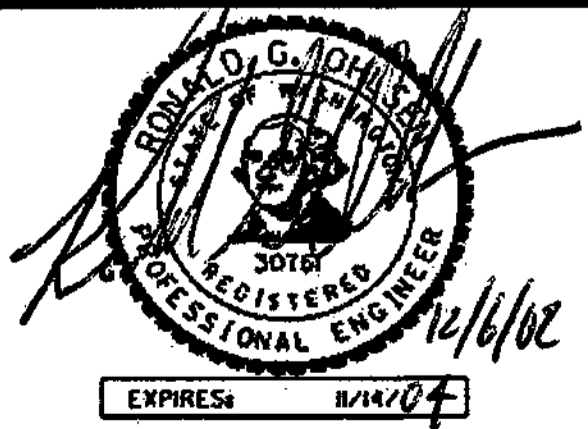





# QUANTITY TABULATION - PAVEMENT MARKING

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.		PLASTIC TRAFFIC ARROW	COB PLASTIC TRAFFIC ARROW	PLASTIC TRAFFIC LETTER		PLASTIC HOV LANE SYMBOL TYPE 1	PLASTIC HOV LANE SYMBOL TYPE 2			RAISED PAVEMENT MARKER TYPE 1	RAISED PAVEMENT MARKER TYPE 2				SEE GENERAL NOTES	GENERAL NOTES:
CODE	LOCATION < \ UNIT OF MEASURE >	EACH	EACH	EACH		EACH	EACH			HUND	HUND					
	BAS 100+000 TO BAS 101+253														2	1. SEE TRAFFIC CONTROL FOR ADDITIONAL QUANTITIES.  2. ALL PLASTIC USED FOR PAVEMENT MARKINGS SHALL BE TYPE D.
	BAS 100+000 3.6 RT TO BAS 101+253 3.6 RT														2	
	BAS 100+000 7 RT TO 100+271.6 7.2 RT														2	
	BAS 100+542 7.2 LT TO 100+690.8 7.2 LT														2	
	BAS 100+639 LT TO 100+690.8 7.2 LT														2	
	BAS 100+639 LT TO 101+177.136 7.2 LT														2	
	BAS101+177.136 7.2 LT TO 101+253 7.2 LT														2	
	BAS 101+184 LT TO 101+245 LT								0.62	0.36					1	
	BAS 101+253 7.2 LT TO LL 8+155.51 LT														2	
	BAN 100+000 7 LT TO 100+250.4 7.2 LT														2	
	BAN 100+000 3.4 LT TO 101+839 3.6 LT					7					0.65				1,2	
	BAN 100+000 6.7 RT TO BAN 100+499 RT														2	
PM6,8	BAN 100+499 RT TO BAN 100+611.7 7.2 RT														2	
PM8	BAN 100+611.7 7.2 LT TO 100+696.4 7.2 RT														2	
PM6,8,9	BAN 100+527.1 RT TO 100+611.7 9 RT														2	
	BAN 100+527.1 RT TO 100+936.3 7.2 RT														2	
	BAN 100+507 RT TO 100+611 RT								1.17	1.26					1	
	BAN 100+936.3 7.2 RT TO 101+079.7 7.2 RT														2	
	BAN 101+079.7 7.2 RT TO 101+259.9 7.2 RT														2	
	BAN 101+259.9 7.2 RT TO 101+512.347 RT														2	
	BAN 101+512.347 RT TO 101+610.1 7.2 RT														2	
	BAN 101+079.7 RT TO 101+610.075 10.8 RT														2	
PM3	BAN 100+250.4 7.2 LT TO 100+405.7 7.2 LT														2	
	BAN 100+056 RT TO BAN 100+479 RT														2	
	BAN 100+405.7 7.2 LT TO 100+751.7 7.2 LT														2	
	BAN 100+751.7 7.2 LT TO 100+904.4 8.4 LT														2	
PM9-10															2	
PM9-14	BAN 100+904.4 8.4 LT TO 101+838.2 7.2 LT														2	
PM9-14	BAN 100+800?? 3.6 LT TO 101+838.2 3.6 LT														2	
	BAL 24+988 LT TO 25+098 LT								0.58	0.5					1	
PM3	BAL 25+000 TO BAL 25+105														2	
PM3-7	BAL 25+105 TO BAL25+269.164														2	
	BAL 24+962.2 3.6 RT TO 25+284.26 3.6 RT														2	
PM7,8	BAL 25+309.2 TO BAL 25+475.2														2	
	BAL 25+484 LT TO 25+605 LT								1.46	0.54					1	
<b>SHEET TOTAL</b>						7			3.83	3.31						

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	JS	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			1 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	QPM 4
ENTERED BY	MJB	12/09/02		10	WASH		SHEET 359 OF 1152 SHEETS				
CHECKED BY	GW	12/09/02		JOB NUMBER 02A012			QUANTITY TABULATION - PAVEMENT MARKING				
PROJ. ENGR.	D. CIERI	12/09/02		CONTRACT NO.							
REGION ADM.	D. DYE	12/09/02		DATE	DATE	REVISION	BY				



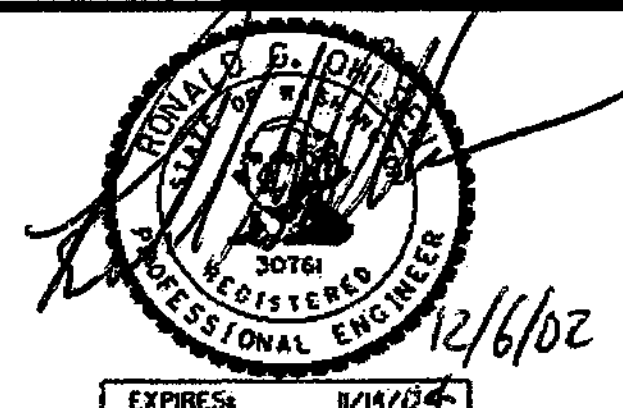
# QUANTITY TABULATION - PAVEMENT MARKING

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.			GENERAL NOTES:												
CODE	LOCATION \ UNIT OF MEASURE >	PAINT LINE	PROFILED PLASTIC LINE	PROFILED PLASTIC DROP LANE LINE				PROFILED PLASTIC WIDE LINE	PROFILED PLASTIC DOTTED WIDE LINE	PROFILED PLASTIC SKIP WIDE LINE		COB PLASTIC CROSSWALK LINE	PLASTIC STOP LINE		SEE GENERAL NOTES
PM8,9	BAL 25+475.2 TO 25+635.63							161							1,2
	BAL 25+309.2 3.6 RT TO 25+635.63 4.5 RT		327												2
	BAL 25+040 TO 25+630														
	BAR 25+022.03 TO 25 TO 25+675.67														1
PM3,6	BAR 25+022.026 TO BAR 25+177							155							2
	BAR 25+047 RT TO 25+167 RT														1
PM6,7	BAR 25+177 TO 25+349.8		173												2
PM3-7	BAR 25+022.026 4.5 LT TO 25+349.8 4.5 LT		324												2
PM7-8	BAR 25+349.8 TO 25+522.94		174												2
PM8-9	BAR 25+522.94 TO 25+675.67							153							2
	BAR 25+552 RT TO 25+597 RT														1
PM3-9	BAR 25+375.61 3.6 LT TO 25+675.665 3.6 LT		301												2
	BAR 25+030 TO 25+620														
	BR 15+000 TO 15+336.37														1
PM2-4	BR 15+135.4 4.5 RT TO 15+301.2 14 RT		166												2
PM2-4	BR 15+289.2 5.4 RT TO 15+335.2 5.4 RT							47							2
	BR 15+289.2 9 RT TO 15+338.2 9 RT							49							2
PM3-6	CR 10+014.835 3.1 LT TO CR 10+140		126										4		1,2
PM6	CR 10+140 TO CR 10+167.965							28							2
PM3-6	CR 10+024.2 3.35 RT TO CR 10+116.4 3.35 RT							93							2
PM6	CR 10+116.4 3.35 RT TO CR 10+132.2 3.35 RT									16					2
PM3	CR 10+016.24 10.2 RT TO CR 10+024.2 RT								10						2
PM3,4	CR 10+014.1 12.8 RT TO 10+055.5 10.3 RT							42							2
PM3,6	CR 10+055.5 6.6 RT TO 10+132.2 6.7 RT								77						2
PM3,6	CR 10+055.5 10.3 RT TO 10+167.965 RT		113												2
PM1-2	CDR 25+000 2.25 LT TO BR 15+135.4 4.5 RT							143							2
															1
PM2	CDR 25+142.5 2.25 LT TO 25+160 2.25 LT		18												2
PM1-2	CDR 25+000 1.5 RT TO 25+160 2.25 RT		160												2
PM6-9	CDR 25+415 2.25 LT TO 25+943.3 2.25 LT		529												
PM9-10	CDR 25+943.3 2.25 LT TO 26+085.2 2.25 LT							142							2
PM3,6	CDR 25+415 2.25 RT TO 25+585.5 RT		171												2
PM6	CDR 25+568.5 2.25 RT TO 25+585.5 RT							17							2
PM6-7	CDR 25+568.5 2.25 RT TO 25+629.7 2.25 RT							62							2
	CDR 25+583 LT TO 25+614 LT														1,2
<b>SHEET TOTAL</b>				2582				1092	87	16			4		


1. SEE TRAFFIC CONTROL FOR ADDITIONAL QUANTITIES.  
2. ALL PLASTIC USED FOR PAVEMENT MARKINGS SHALL BE TYPE D.

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	JS	12/09/02		REGION NO.	STATE	FED. AID PROJ. NO.			
ENTERED BY	MJB	12/09/02		10	WASH				
CHECKED BY	GW	12/09/02		JOB NUMBER					
PROJ. ENGR.	D. CIERI	12/09/02		02A012					
REGION ADM.	D. DYE	12/09/02		CONTRACT NO.					
		DATE	DATE	REVISION	BY				



12/6/02



Washington State  
Department of Transportation

1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

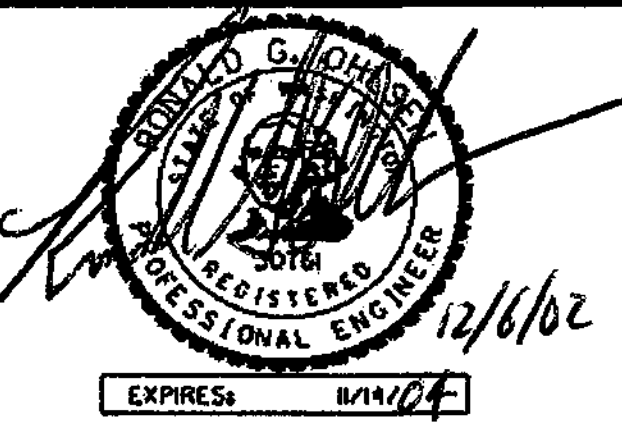

QPM 5

SHEET  
360  
OF  
1152  
SHEETS

# QUANTITY TABULATION - PAVEMENT MARKING

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.													GENERAL NOTES:	
CODE	LOCATION \ UNIT OF MEASURE >	PLASTIC TRAFFIC ARROW EACH	COB PLASTIC TRAFFIC ARROW EACH	PLASTIC TRAFFIC LETTER EACH	PLASTIC HOV LANE SYMBOL TYPE 1 EACH	PLASTIC HOV LANE SYMBOL TYPE 2 EACH	RAISED PAVEMENT MARKER TYPE 1 HUND	RAISED PAVEMENT MARKER TYPE 2 HUND					SEE GENERAL NOTES	1. SEE TRAFFIC CONTROL FOR ADDITIONAL QUANTITIES.  2. ALL PLASTIC USED FOR PAVEMENT MARKINGS SHALL BE TYPE D.
PM8,9	BAL 25+475.2 TO 25+635.63							0.27					1,2	
	BAL 25+309.2 3.6 RT TO 25+635.63 4.5 RT												2	
	BAL 25+040 TO 25+630					8								
	BAR 25+022.03 TO 25 TO 25+675.67							0.26					1	
PM3,6	BAR 25+022.026 TO BAR 25+177												2	
	BAR 25+047 RT TO 25+167 RT						1.33	0.52					1	
PM6,7	BAR 25+177 TO 25+349.8												2	
PM3-7	BAR 25+022.026 4.5 LT TO 25+349.8 4.5 LT												2	
PM7-8	BAR 25+349.8 TO 25+522.94												2	
PM8-9	BAR 25+522.94 TO 25+675.67												2	
	BAR 25+552 RT TO 25+597 RT						0.34	0.84					1	
PM3-9	BAR 25+375.61 3.6 LT TO 25+675.665 3.6 LT												2	
	BAR 25+030 TO 25+620					8								
	BR 15+000 TO 15+336.37							0.14					1	
PM2-4	BR 15+135.4 4.5 RT TO 15+301.2 14 RT	4		4									2	
PM2-4	BR 15+289.2 5.4 RT TO 15+335.2 5.4 RT												2	
	BR 15+289.2 9 RT TO 15+338.2 9 RT												2	
PM3-6	CR 10+014.835 3.1 LT TO CR 10+140	3		11		3		0.06					1,2	
PM6	CR 10+140 TO CR 10+167.965												2	
PM3-6	CR 10+024.2 3.35 RT TO CR 10+116.4 3.35 RT												2	
PM6	CR 10+116.4 3.35 RT TO CR 10+132.2 3.35 RT												2	
PM3	CR 10+016.24 10.2 RT TO CR 10+024.2 RT												2	
PM3,4	CR 10+014.1 12.8 RT TO 10+055.5 10.3 RT												2	
PM3,6	CR 10+055.5 6.6 RT TO 10+132.2 6.7 RT												2	
PM3,6	CR 10+055.5 10.3 RT TO 10+167.965 RT												2	
PM1-2	CDR 25+000 2.25 LT TO BR 15+135.4 4.5 RT												2	
PM2	CDR 25+142.5 2.25 LT TO 25+160 2.25 LT						1.12	0.5					1	
PM1-2	CDR 25+000 1.5 RT TO 25+160 2.25 RT												2	
PM6-9	CDR 25+415 2.25 LT TO 25+943.3 2.25 LT												2	
PM9-10	CDR 25+943.3 2.25 LT TO 26+085.2 2.25 LT												2	
PM3,6	CDR 25+415 2.25 RT TO 25+585.5 RT												2	
PM6	CDR 25+568.5 2.25 RT TO 25+585.5 RT												2	
PM6-7	CDR 25+568.5 2.25 RT TO 25+629.7 2.25 RT												2	
	CDR 25+583 LT TO 25+614 LT						0.3	0.22					2	
<b>SHEET TOTAL</b>		7		15		19	3.09	2.81					1,2	

FOR "AS CONSTRUCTED  
PLANS" ONLY

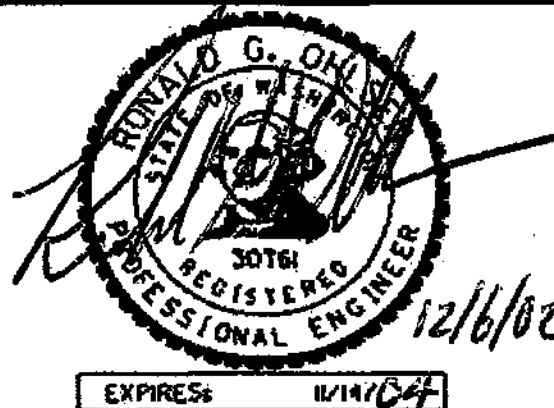

DESIGNED BY	JS	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	QPM 6
ENTERED BY	MJB	12/09/02		10	WASH		SHEET 361 OF 1152 SHEETS				
CHECKED BY	GW	12/09/02		JOB NUMBER 02A012							
PROJ. ENGR.	D. CIERI	12/09/02		CONTRACT NO.							
REGION ADM.	D. DYE	12/09/02		DATE	DATE	REVISION	BY	QUANTITY TABULATION - PAVEMENT MARKING			



# QUANTITY TABULATION - PAVEMENT MARKING

NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.																GENERAL NOTES:	
CODE	LOCATION \ UNIT OF MEASURE >	PAINT LINE	PROFILED PLASTIC LINE	PROFILED PLASTIC DROP LANE LINE				PROFILED PLASTIC WIDE LINE	PROFILED PLASTIC DOTTED WIDE LINE	PROFILED PLASTIC SKIP WIDE LINE		COB PLASTIC CROSSWALK LINE	PLASTIC STOP LINE			SEE GENERAL NOTES	
PM8	CDR 25+629.7 2.25 RT TO 25+724.3 2.25 RT		95													2	1. SEE TRAFFIC CONTROL FOR ADDITIONAL QUANTITIES. 2. ALL PLASTIC USED FOR PAVEMENT MARKINGS SHALL BE TYPE D. 3. EXTEND EXISTING STRIPING.
PM8	CDR 25+724.3 2.25 RT TO 25+760 2.25 RT						36									2	
PM8	CDR 25+760 2.25 RT TO 25+795 2.25 RT		35													2	
PM8-9	CDR 25+795 2.25 RT TO 25+830 2.25 RT			35												2	
	CDR 25+143.5 TO 25+943.2															1	
PM9	CDR 25+830 2.25 RT TO 25+872 2.25 RT						42									2	
PM9	CDR 25+872 2.25 RT TO 25+973.55 1.54 RT		102													2	
PM9	CDR 25+973.55 1.54 RT TO 26+004.5 1.35 RT						31									2	
PM9-10	CDR 26+004.5 1.35 RT TO 26+085.2 1.35 RT		81													2	
PM8-9	CDR 25+753.7 6.75 RT TO 25+843.2 6.75 RT		90													2	
PM9-10	CDR 26+014.537 RT TO 26+085.2 5.35 RT		71													2	
	CDR 25+951 LT TO CDR 26+056 LT															1	
PM6,8	DL 1+000 3.75 LT TO DL 1+251.8 5.3 LT		252													2	
PM6,8	DL 1+000 TO DL 1+053.7						54									2	
PM6,8	DL 1+053.7 TO 1+253		200													1,2	
PM8	EL 0+985 TO EL 1+025.6						41									2	
	EL 1+025.6 TO EL 1+180		155													1,2	
PM8	EL 0+985 TO EL 1+180		195													2	
PM9,15	GL 1+005 TO GL 1+190.5		186													1,2	
PM9,15	GL 1+005 5.2 LT TO GL 1+132.7 4.5 LT		128													2	
PM9,15	GL 1+005 10.4 LT TO GL 1+199.09 3.59 LT		195													2	
PM9	GL 1+027.8 LT TO GL 1+230.2 5.1 LT		203													2	
PM9	GL 1+190.5 TO GL 1+230.2						40									2	
PM15	GL 1+005 (13.9 LT TO 15.7 LT)											2				3	
PM9	FL 3+101.50 TO 3+236		135													1,2	
PM9			167													2	
PM9	FL 3+236 TO 3+258.408						23									2	
PM6-8	DR 1+000 TO 1+044.00						44									2	
PM8	DR 1+044 TO 1+191.65		48													1,2	
PM6,8	DR 1+000 4.5 RT TO 1+191.65 5.4 RT		192													2	
PM8	ER 1+060 TO 1+183.6		124													1,2	
PM8	ER 1+183.6 TO 1+207.221						24									2	
PM8	ER 1+060 4.65 RT TO 1+163.95 4.65 RT						104									2	
<b>SHEET TOTAL</b>			2654	35			439					2				2	

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	JS	12/09/02			REGION NO.	STATE	FED. AID PROJ. NO.			1 405 <b>BELLEVUE DIRECT ACCESS</b> NE 4th ST. / NE 6th ST.	QPM 7		
ENTERED BY	MJB	12/09/02			10	WASH							SHEET 362 OF 1152 SHEETS
CHECKED BY	GW	12/09/02			JOB NUMBER 02A012								
PROJ. ENGR.	D. CIERI	12/09/02			CONTRACT NO.								QUANTITY TABULATION - PAVEMENT MARKING
REGION ADM.	D. DYE	12/09/02											
		DATE	DATE	REVISION		BY							



















# QUANTITY TABULATION - PAVEMENT MARKING

NOTE:  
 THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  
  
 THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.


GENERAL NOTES:


CODE	LOCATION \ UNIT OF MEASURE >	PLASTIC TRAFFIC ARROW	COB PLASTIC TRAFFIC ARROW	PLASTIC TRAFFIC LETTER	PLASTIC HOV LANE SYMBOL TYPE 1	PLASTIC HOV LANE SYMBOL TYPE 2	RAISED PAVEMENT MARKER TYPE 1	RAISED PAVEMENT MARKER TYPE 2	SEE GENERAL NOTES
PM4	N 0+251.90 10.8 RT TO 0+307.55 10.8 RT	EACH	EACH	EACH	EACH	EACH	0.3	0.05	1
PM4	N 0+328.8 9.85 RT TO 0+453.146 7.2 RT						0.66	0.11	1
PM4	N 406.426 6.6 RT TO 0+453.146 3.6 RT						0.24	0.04	1
PM4	N 0+453.146 3.6 RT TO N 0+501.326 3.6 RT						0.6	0.1	1
PM4	N 0+453.146 7.2 RT TO N 0+501.326 7.2 RT						0.6	0.1	1
PM4	N 0+212.2 LT & RT TO 0+246.4 LT & RT								2
PM4	N 0+304.2 LT & RT TO 0+337.3 LT & RT								2
PM4	NE4TH 10+000 TO 10+367.7						1.8	0.3	1
<b>SHEET TOTAL</b>							4.2	0.7	
<b>PROJECT TOTAL</b>		47	20	82	12	40	56.43	17.49	

1. SEE TRAFFIC CONTROL FOR ADDITIONAL QUANTITIES.
2. ALL PLASTIC USED FOR PAVEMENT MARKINGS SHALL BE TYPE D.

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	JS	12/09/02				REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	MJB	12/09/02				10	WASH	
CHECKED BY	GW	12/09/02				JOB NUMBER		
PROJ. ENGR.	D. CIERI	12/09/02				02A012		
REGION ADM.	D. DYE	12/09/02				CONTRACT NO.		
		DATE	DATE	REVISION	BY			



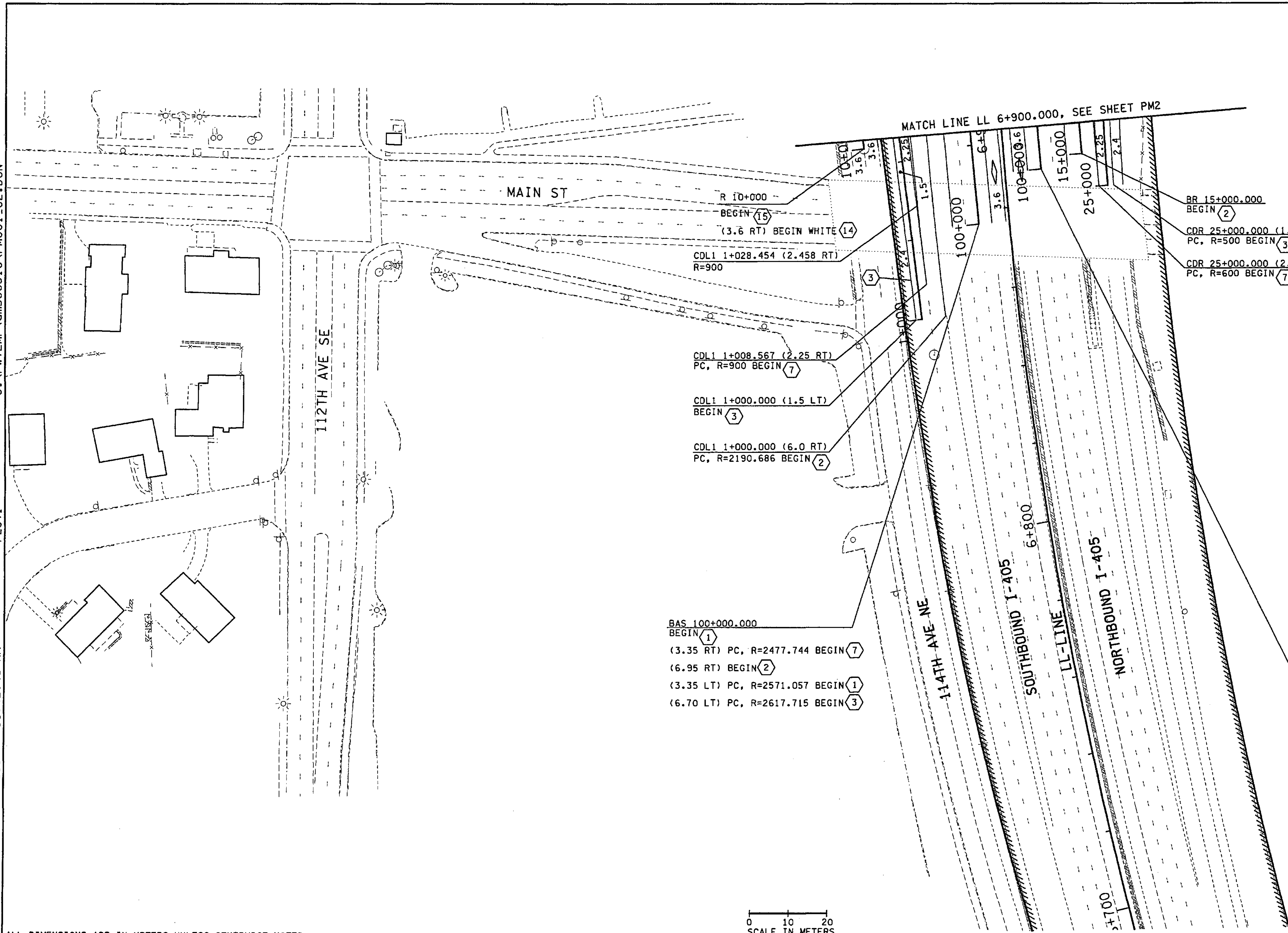


Washington State  
Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	QPM 14 SHEET 369 OF 1152 SHEETS
QUANTITY TABULATION - PAVEMENT MARKING	



C:\PWTEMP\dms00316\PM001\_C2.DGN  
 11/27/2002 10:42:46 AM  
 PLOT1  
 mbenson



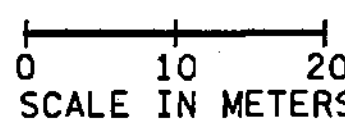
- NOTES:**
1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
  2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).
  3. ALL RAISED PAVEMENT MARKERS ALONG 114TH AVE NE ARE PER CITY OF BELLEVUE STANDARD.

- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - - - BEAM GUARDRAIL
  - /// EXISTING RETAINING WALL
  - ==== RETAINING WALL
  - ==== EXISTING CONC. BARRIER
  - ==== CONC. BARRIER
  - ==== LIMITED ACCESS
  - ==== WSDOT RIGHT OF WAY

- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

- LEGEND:**
- ◊ TYPE 1 PREFERENTIAL LANE SYMBOL
  - ◊ TYPE 2 PREFERENTIAL LANE SYMBOL
  - ↑ TYPE 1
  - ↘ TYPE 2R
  - ↘ TYPE 2L
  - ↘ TYPE 3R
  - ↘ TYPE 3L

FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	10/02					
ENTERED BY	MJB	10/02					
CHECKED BY	JRS	10/02					
PROJ. ENGR.	D. CIERI	10/02					
REGIONAL ADM.	D. DYE	10/02					
	DATE	DATE	REVISION	BY			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

PAVEMENT MARKING PLAN

SHEET NO  
 PM1

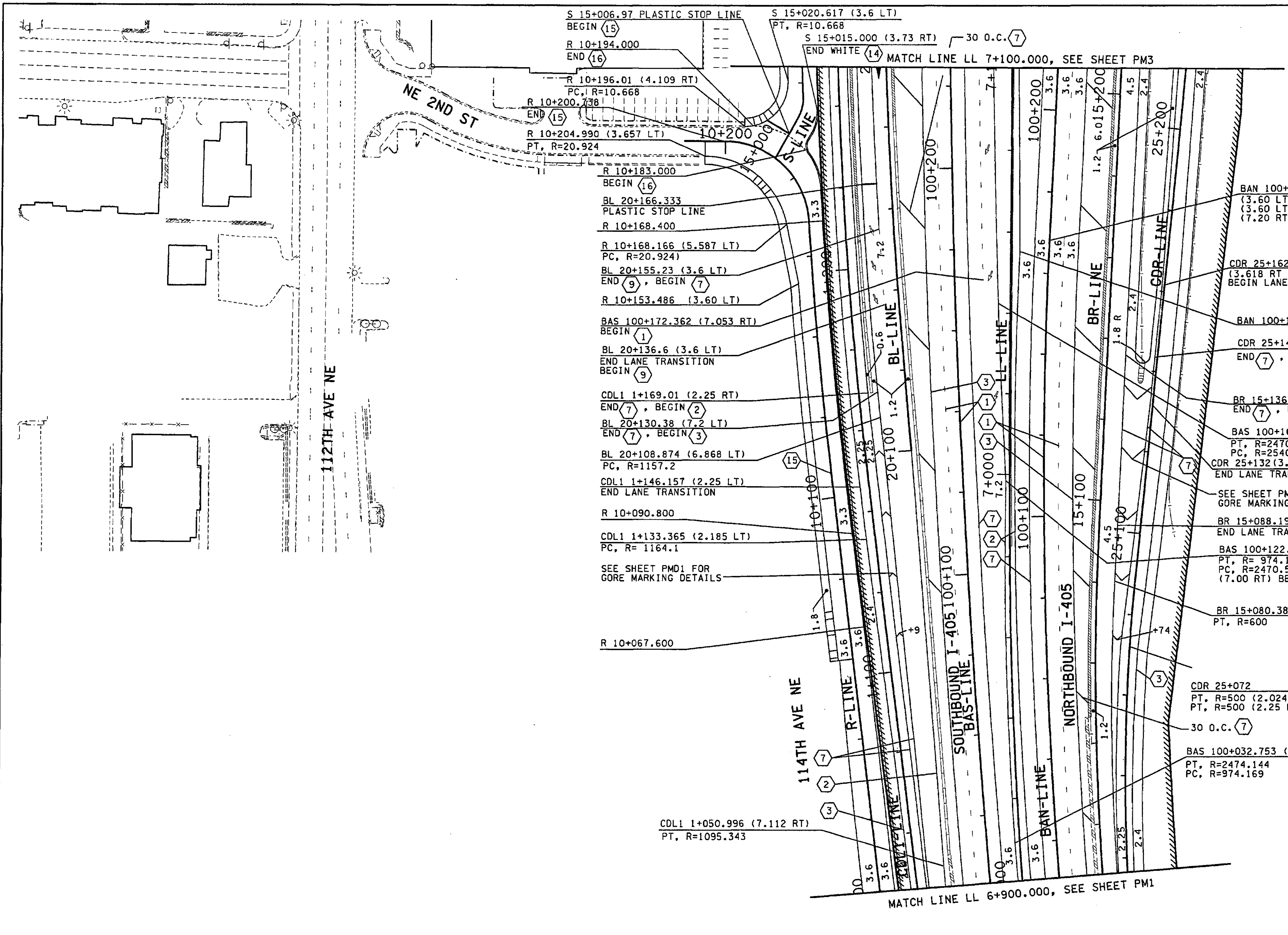
SHEET  
 370  
 OF  
 1152  
 SHEETS

C:\PWTEMP\dms00316\PM002\_C2.DGN

PLOT2

11/27/2002 10:43:15 AM

mbenson



- NOTES:**
1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
  2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).
  3. ALL RAISED PAVEMENT MARKERS ALONG 114TH AVE NE ARE PER CITY OF BELLEVUE STANDARD.

- LEGEND:**
- EXISTING BEAM GUARDRAIL
  - - - BEAM GUARDRAIL
  - EXISTING RETAINING WALL
  - RETAINING WALL
  - EXISTING CONC. BARRIER
  - CONC. BARRIER
  - LIMITED ACCESS
  - WSDOT RIGHT OF WAY
- 1 PROFILED PLASTIC LANE LINE
  - 2 PROFILED PLASTIC EDGE LINE YELLOW
  - 3 PROFILED PLASTIC EDGE LINE WHITE
  - 4 PROFILED PLASTIC DOTTED EXTENSION LINE
  - 5 PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
  - 6 PROFILED PLASTIC DROP LINE
  - 7 PROFILED PLASTIC WIDE LINE
  - 8 PROFILED PLASTIC DOTTED WIDE LINE
  - 9 PROFILED PLASTIC SKIP WIDE LINE
  - 10 WIDE LINE
  - 11 PLASTIC CROSSWALK LINE
  - 12 TWO WAY LEFT TURN LINE
  - 13 LANE LINE
  - 14 EDGE LINE (PAINT ONLY)
  - 15 DOUBLE YELLOW CENTERLINE
  - 16 DOTTED EXTENSION LINE

- LEGEND:**
- ◇ TYPE 1 PREFERENTIAL LANE SYMBOL
  - ◆ TYPE 2 PREFERENTIAL LANE SYMBOL
  - ↑ TYPE 1
  - ↘ TYPE 2R
  - ↙ TYPE 2L
  - ↗ TYPE 3R
  - ↖ TYPE 3L

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	10/02	REGION NO. 10	STATE WASH	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PM2
ENTERED BY MJB	10/02	JOB NUMBER 02A012	CONTRACT NO.	SHEET 371				
CHECKED BY JRS	10/02	DATE	REVISION	BY				1152
PROJ. ENGR. D. CIERI	10/02	DATE	REVISION	BY				SHEETS
REGIONAL ADM. D. DYE	10/02	DATE	REVISION	BY		PAVEMENT MARKING PLAN		



C:\PWTEMP\dms00316\PM003\_C2.DGN

PLOT3

10:43:51 AM

11/27/2002

mbenson

MATCH LINE LL 7+320.000, SEE SHEET PM6

NOTES:

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).
3. ALL RAISED PAVEMENT MARKERS ALONG 114TH AVE NE ARE PER CITY OF BELLEVUE STANDARD.

LEGEND:

- EXISTING BEAM GUARDRAIL
- BEAM GUARDRAIL
- EXISTING RETAINING WALL
- RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- LIMITED ACCESS
- WSDOT RIGHT OF WAY

- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE

- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

LEGEND:

- ◇ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◊ TYPE 2 PREFERENTIAL LANE SYMBOL
- ↑ TYPE 1
- ↘ TYPE 2R
- ↙ TYPE 2L
- ↗ TYPE 3R
- ↖ TYPE 3L

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20 SCALE IN METERS

MATCH LINE LL 7+100.000, SEE SHEET PM2

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	10/02			
ENTERED BY	MJB	10/02			
CHECKED BY	JRS	10/02			
PROJ. ENGR.	D. CIERI	10/02			
REGIONAL ADM.	D. DYE	10/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/6/02

Washington State Department of Transportation

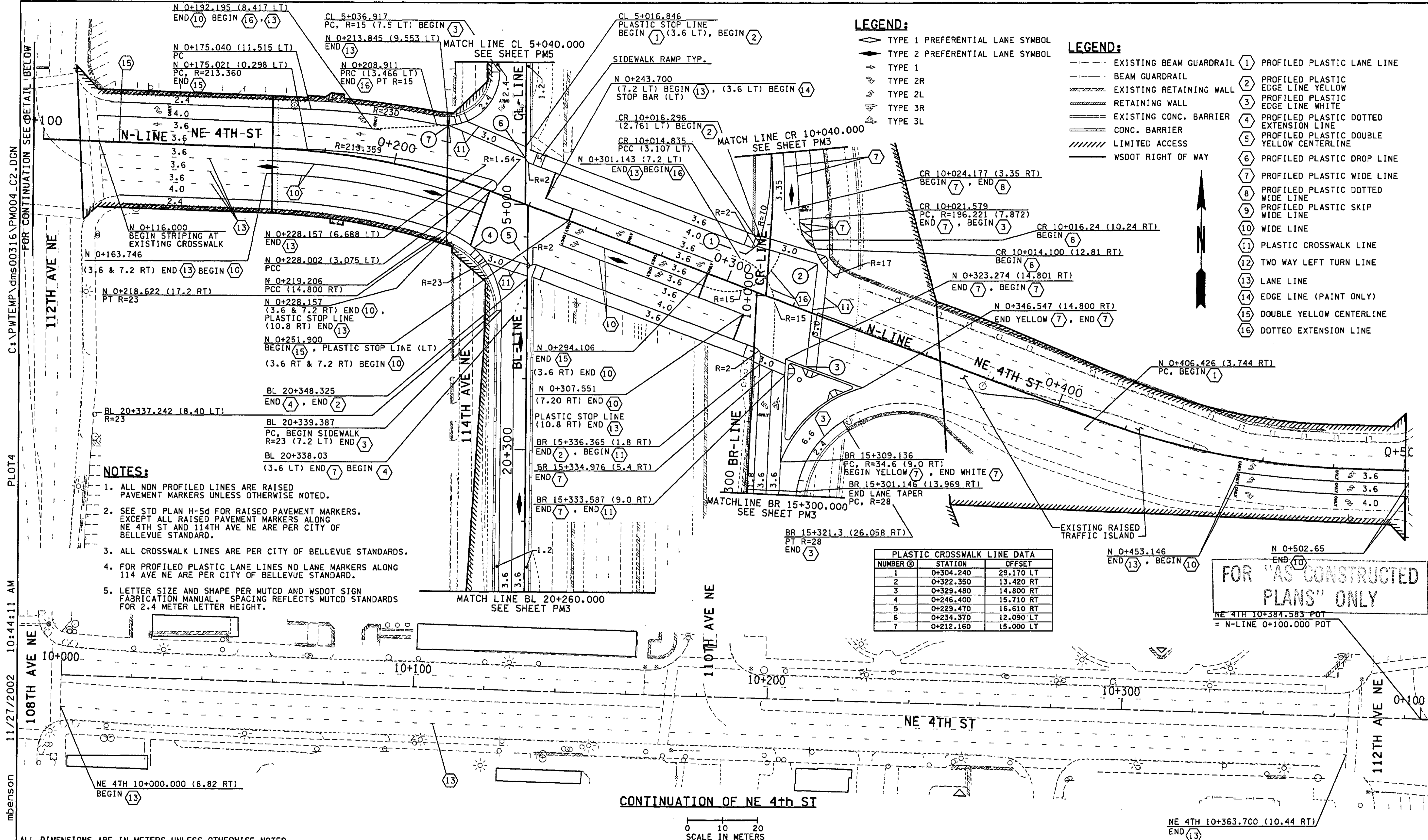
ENGINEERING INC.

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PAVEMENT MARKING PLAN

SHEET NO. PM3

SHEET 312 OF 1152 SHEETS



**LEGEND:**

- ◇ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◇ TYPE 2 PREFERENTIAL LANE SYMBOL
- TYPE 1
- TYPE 2R
- TYPE 2L
- TYPE 3R
- TYPE 3L

**LEGEND:**

- EXISTING BEAM GUARDRAIL
- BEAM GUARDRAIL
- EXISTING RETAINING WALL
- RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- LIMITED ACCESS
- WSDOT RIGHT OF WAY
- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. SEE STD PLAN H-5d FOR RAISED PAVEMENT MARKERS. EXCEPT ALL RAISED PAVEMENT MARKERS ALONG NE 4TH ST AND 114TH AVE NE ARE PER CITY OF BELLEVUE STANDARD.
3. ALL CROSSWALK LINES ARE PER CITY OF BELLEVUE STANDARDS.
4. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS ALONG 114 AVE NE ARE PER CITY OF BELLEVUE STANDARD.
5. LETTER SIZE AND SHAPE PER MUTCD AND WSDOT SIGN FABRICATION MANUAL. SPACING REFLECTS MUTCD STANDARDS FOR 2.4 METER LETTER HEIGHT.

NUMBER ⑥	STATION	OFFSET
1	0+304.240	29.170 LT
2	0+322.350	13.420 RT
3	0+329.480	14.800 RT
4	0+246.400	15.710 RT
5	0+229.470	16.610 RT
6	0+234.370	12.090 LT
7	0+212.160	15.000 LT

**FOR "AS CONSTRUCTED PLANS" ONLY**

NE 4TH 10+384.583 POT  
= N-LINE 0+100.000 POT

11/27/2002 10:44:11 AM  
 PLOT4  
 C:\PWTEMP\dms00316\PM004\_C2.DGN  
 FOR CONTINUATION SEE DETAIL BELOW  
 mbenson

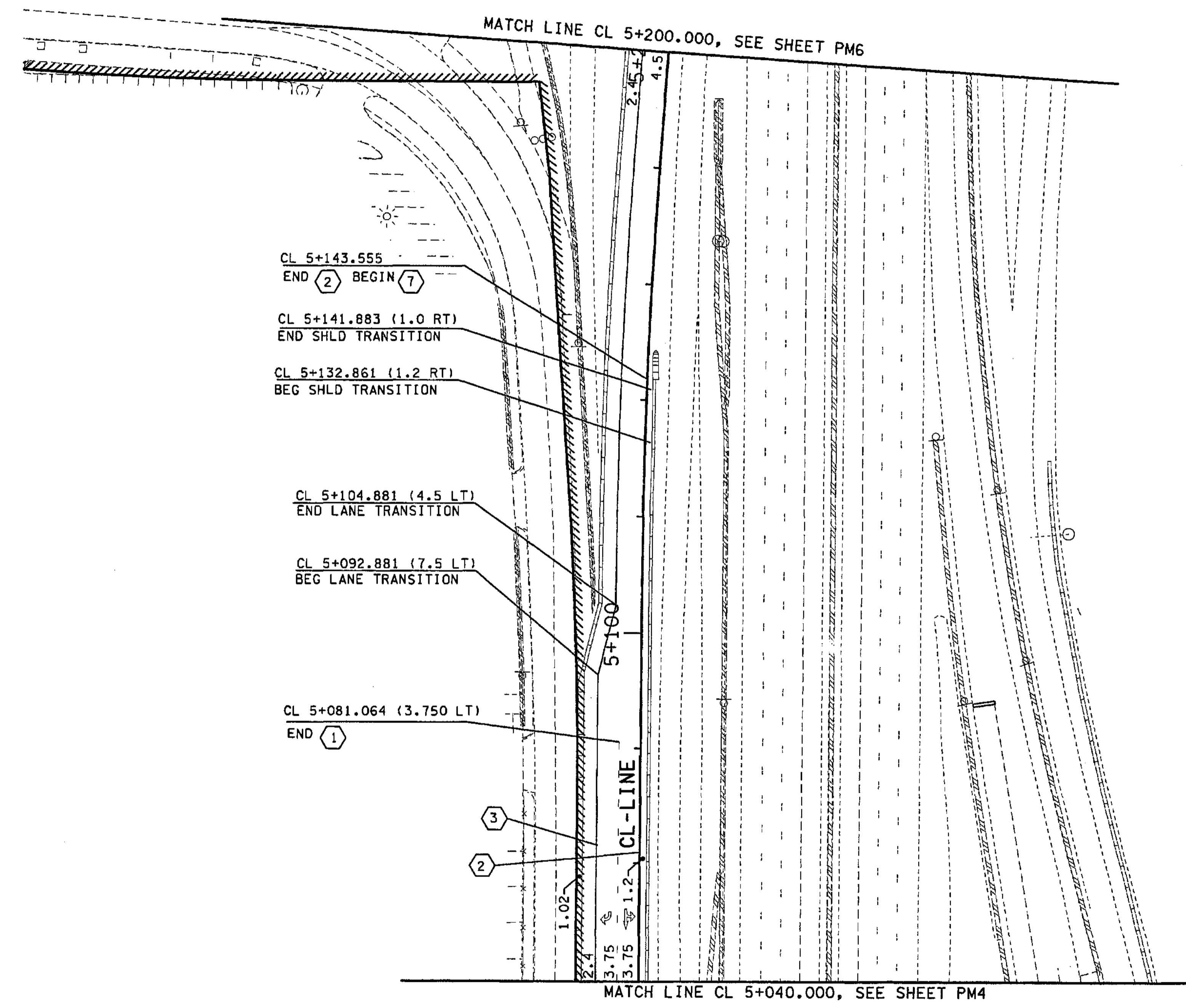
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	10/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY MJB	10/02	JOB NUMBER	02A012				
CHECKED BY JRS	10/02	CONTRACT NO.					
PROJ. ENGR. D. CIERI	10/02						
REGIONAL ADM. D. DYE	10/02	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.					
DATE	DATE	REVISION	BY	PAVEMENT MARKING PLAN			

SHEET NO. PM4  
SHEETS 313 / 1152



C:\PWTEMP\dms00316\PM005\_C2.DGN  
PLOTS  
11/27/2002 10:44:25 AM  
mbenson



**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).

**LEGEND:**

- EXISTING BEAM GUARDRAIL
- BEAM GUARDRAIL
- EXISTING RETAINING WALL
- RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- LIMITED ACCESS
- WSDOT RIGHT OF WAY

- (1) PROFILED PLASTIC LANE LINE
- (2) PROFILED PLASTIC EDGE LINE YELLOW
- (3) PROFILED PLASTIC EDGE LINE WHITE
- (4) PROFILED PLASTIC DOTTED EXTENSION LINE
- (5) PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- (6) PROFILED PLASTIC DROP LINE
- (7) PROFILED PLASTIC WIDE LINE
- (8) PROFILED PLASTIC DOTTED WIDE LINE
- (9) PROFILED PLASTIC SKIP WIDE LINE
- (10) WIDE LINE
- (11) PLASTIC CROSSWALK LINE
- (12) TWO WAY LEFT TURN LINE
- (13) LANE LINE
- (14) EDGE LINE (PAINT ONLY)
- (15) DOUBLE YELLOW CENTERLINE
- (16) DOTTED EXTENSION LINE

**LEGEND:**

- ◇ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◇ TYPE 2 PREFERENTIAL LANE SYMBOL
- TYPE 1
- TYPE 2R
- TYPE 2L
- TYPE 3R
- TYPE 3L

FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

0 10 20  
SCALE IN METERS

DESIGNED BY MH		10/02	REGION NO. STATE		FED. AID PROJ. NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PM5
ENTERED BY MJB		10/02	10 WASH								
CHECKED BY JRS		10/02	JOB NUMBER		02A012						
PROJ. ENGR. D. CIERI		10/02	CONTRACT NO.								
REGIONAL ADM. D. DYE		10/02	DATE	DATE	REVISION	BY			PAVEMENT MARKING PLAN		

SHEET 374 OF 452 SHEETS



**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).
3. ALL RAISED PAVEMENT MARKERS ALONG 114TH AVE NE ARE PER CITY OF BELLEVUE STANDARD.

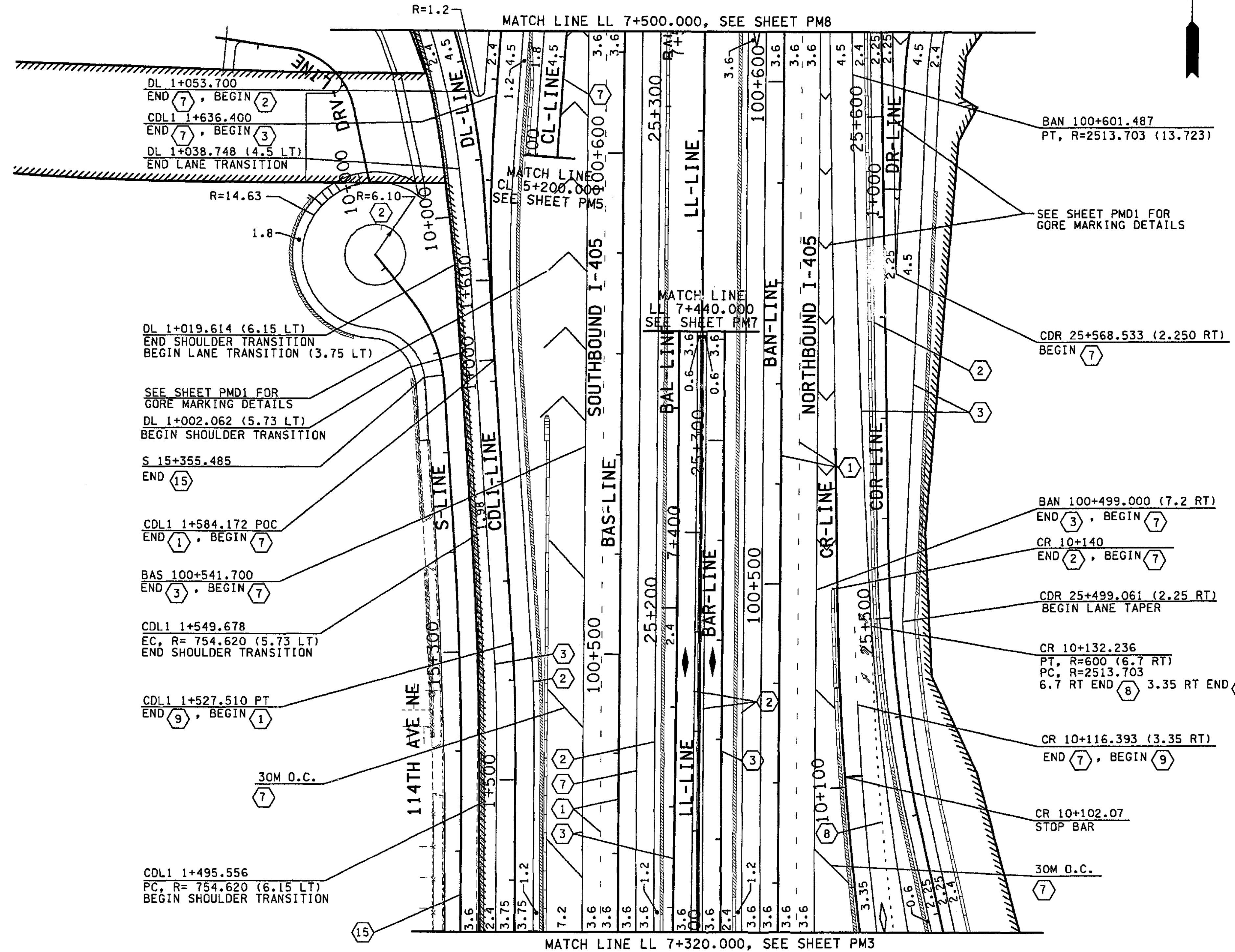
**LEGEND:**

- EXISTING BEAM GUARDRAIL
- BEAM GUARDRAIL
- EXISTING RETAINING WALL
- RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- LIMITED ACCESS
- WSDOT RIGHT OF WAY

- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

**LEGEND:**

- ◇ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◊ TYPE 2 PREFERENTIAL LANE SYMBOL
- ↑ TYPE 1
- ↓ TYPE 2R
- ↔ TYPE 2L
- ↔ TYPE 3R
- ↔ TYPE 3L



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	10/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY MJB	10/02	JOB NUMBER	02A012	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER			
CHECKED BY JRS	10/02	CONTRACT NO.		Washington State Department of Transportation			
PROJ. ENGR. D. CIERI	10/02	H&R ENGINEERING INC.					
REGIONAL ADM. D. DYE	10/02	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.					
DATE	DATE	REVISION	BY	PAVEMENT MARKING PLAN			

SHEET NO  
PM6  
375  
1152  
SHEETS



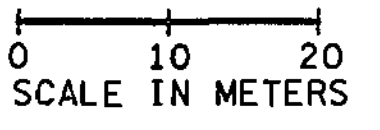
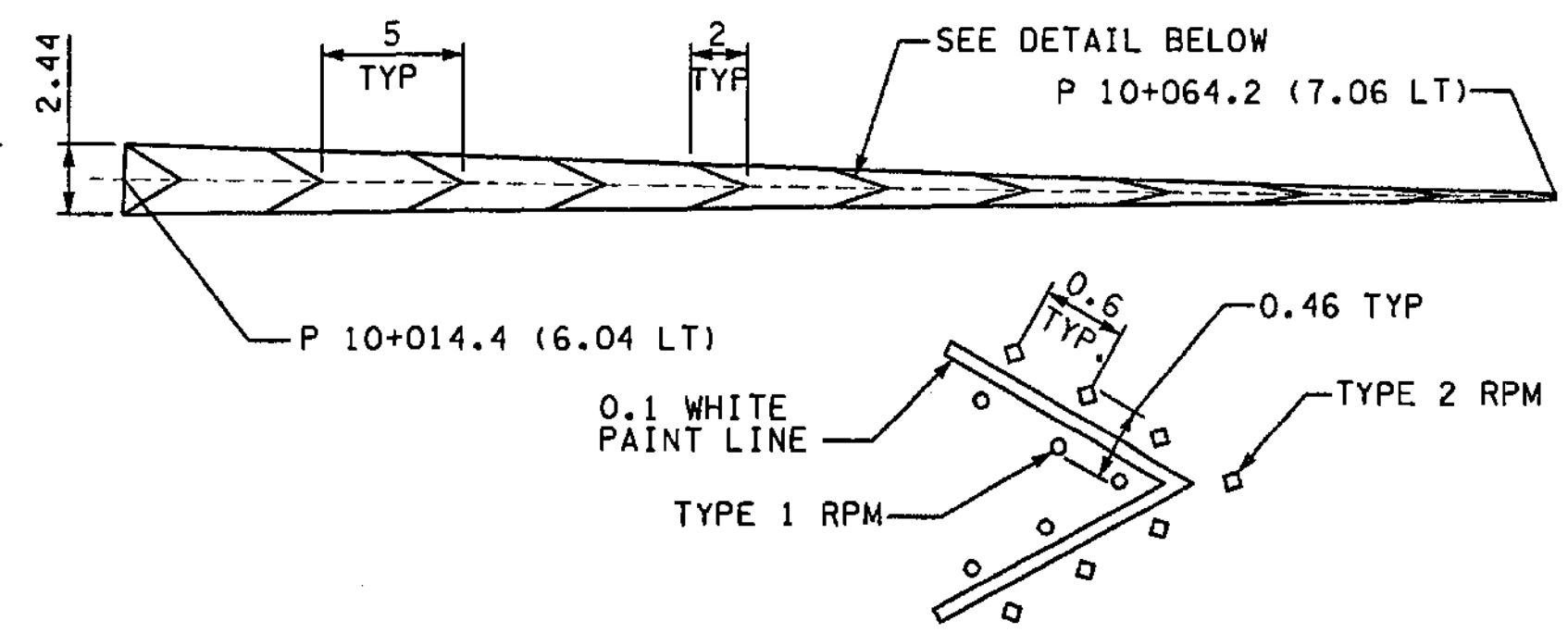
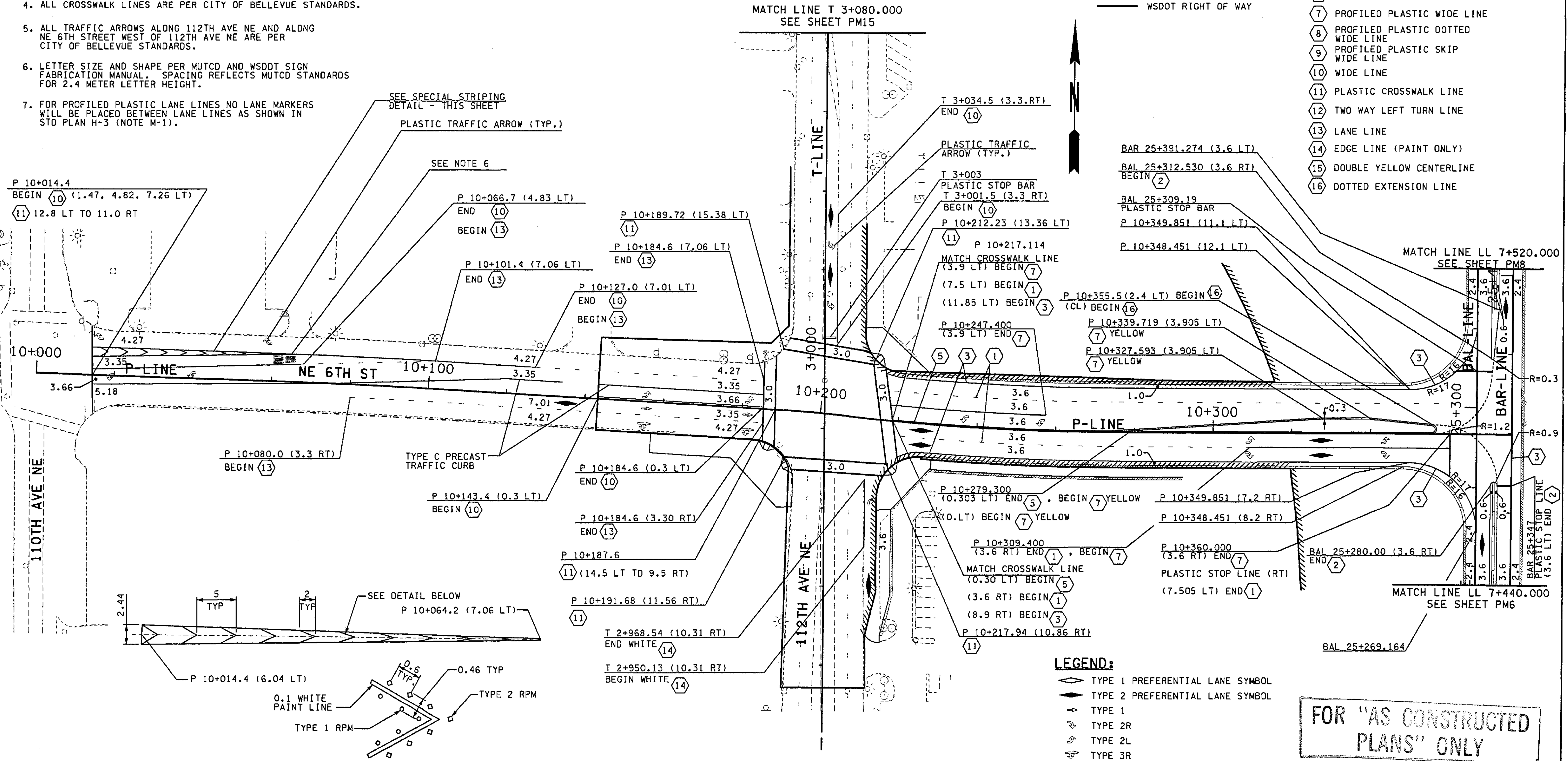
**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. SEE STD. PLAN H-5d FOR RAISED PAVEMENT MARKERS, EXCEPT ALL RAISED PAVEMENT MARKERS ALONG 112TH AVE NE AND ALONG NE 6TH ST WEST OF 112TH ARE PER CITY OF BELLEVUE STANDARDS.
3. INSTALL SINGLE ROW OF TYPE 1W RPM AT 0.9 SPACING.
4. ALL CROSSWALK LINES ARE PER CITY OF BELLEVUE STANDARDS.
5. ALL TRAFFIC ARROWS ALONG 112TH AVE NE AND ALONG NE 6TH STREET WEST OF 112TH AVE NE ARE PER CITY OF BELLEVUE STANDARDS.
6. LETTER SIZE AND SHAPE PER MUTCD AND WSDOT SIGN FABRICATION MANUAL. SPACING REFLECTS MUTCD STANDARDS FOR 2.4 METER LETTER HEIGHT.
7. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).

**LEGEND:**

- EXISTING BEAM GUARDRAIL
- BEAM GUARDRAIL
- EXISTING RETAINING WALL
- RETAINING WALL
- EXISTING CONC. BARRIER
- CONC. BARRIER
- LIMITED ACCESS
- WSDOT RIGHT OF WAY
- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

C:\PWTEMP\dms00316\PM007\_C2.DGN  
11/27/2002 09:52:00 AM  
segraff



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	REVISION	BY
MH	10/02		
ENTERED BY	10/02		
CHECKED BY	10/02		
PROJ. ENGR.	10/02		
REGIONAL ADM.	10/02		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER	CONTRACT NO.
02A012	

RONALD H. KINNOR  
REGISTERED PROFESSIONAL ENGINEER  
11/27/02

REGISTERED PROFESSIONAL ENGINEER  
12/16/02

Washington State  
Department of Transportation

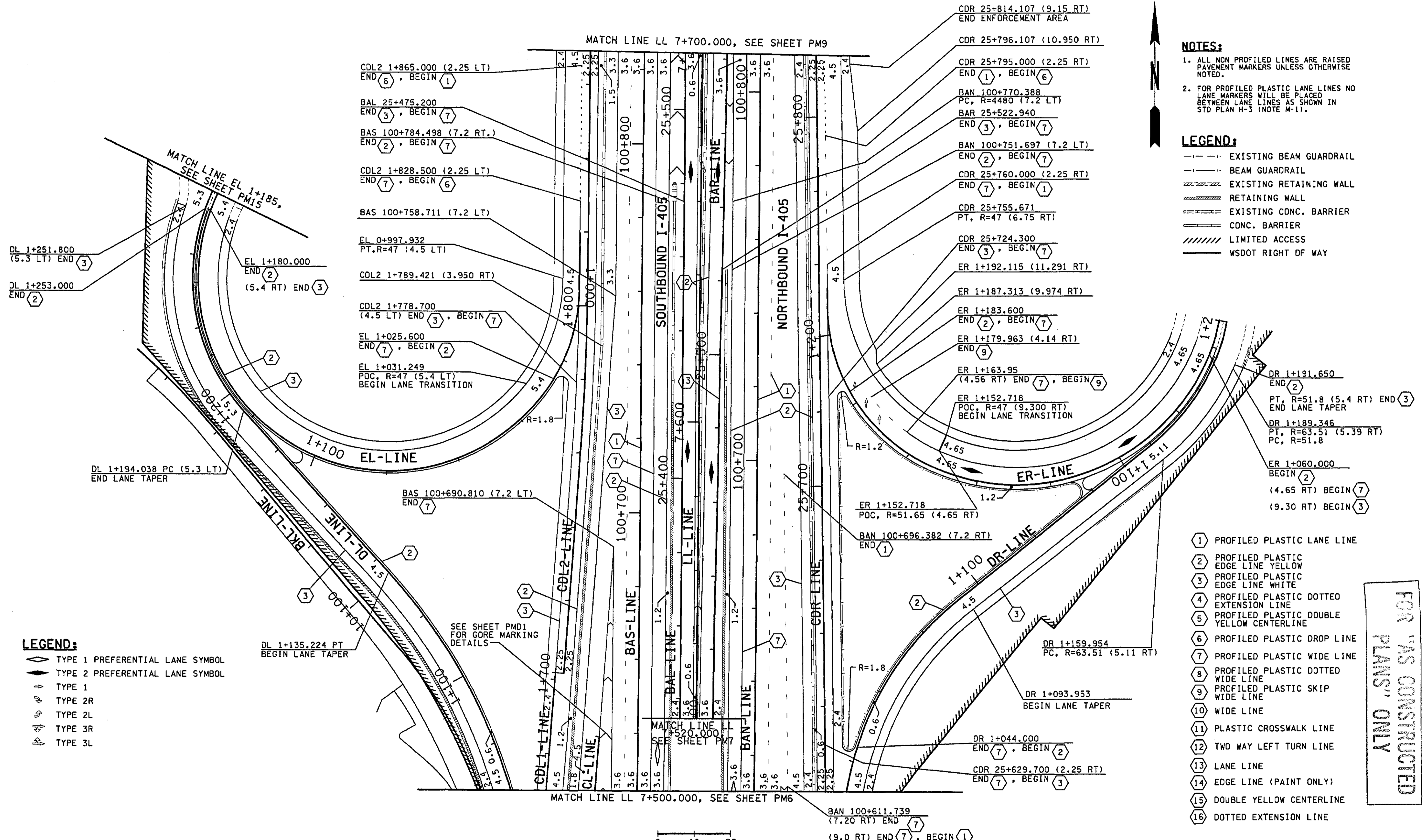
HDR  
ENGINEERING INC.

Harding ESE  
A MATTEC COMPANY

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

SHEET NO.  
PM7

SHEET 376 OF 1152 SHEETS



**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).

**LEGEND:**

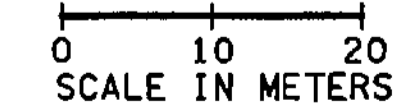
- - - - - EXISTING BEAM GUARDRAIL
- — — — — BEAM GUARDRAIL
- - - - - EXISTING RETAINING WALL
- ===== RETAINING WALL
- ===== EXISTING CONC. BARRIER
- ===== CONC. BARRIER
- ===== LIMITED ACCESS
- ===== WSDOT RIGHT OF WAY

**LEGEND:**

- ◊ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◊ TYPE 2 PREFERENTIAL LANE SYMBOL
- ↑ TYPE 1
- ↑ TYPE 2R
- ↑ TYPE 2L
- ↑ TYPE 3R
- ↑ TYPE 3L

- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

FOR 'AS CONSTRUCTED' PLANS ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	10/02	REGION NO. 10	STATE WASH	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PM8
ENTERED BY MJB	10/02	JOB NUMBER 02A012	CONTRACT NO.					PAVEMENT MARKING PLAN
CHECKED BY JRS	10/02	DATE	DATE	REVISION	BY			



**NOTES:**

- ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
- FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).

**LEGEND:**

- ◇ TYPE 1 PREFERENTIAL LANE SYMBDL
- ◊ TYPE 2 PREFERENTIAL LANE SYMBDL
- ↑ TYPE 1
- ↖ TYPE 2R
- ↗ TYPE 2L
- ↘ TYPE 3R
- ↙ TYPE 3L

**LEGEND:**

- — — EXISTING BEAM GUARDRAIL
  - — — BEAM GUARDRAIL
  - — — EXISTING RETAINING WALL
  - — — RETAINING WALL
  - — — EXISTING CONC. BARRIER
  - — — CONC. BARRIER
  - — — LIMITED ACCESS
  - — — WSDOT RIGHT OF WAY
- ① PROFILED PLASTIC LANE LINE
  - ② PROFILED PLASTIC EDGE LINE YELLOW
  - ③ PROFILED PLASTIC EDGE LINE WHITE
  - ④ PROFILED PLASTIC DOTTED EXTENSION LINE
  - ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
  - ⑥ PROFILED PLASTIC DROP LINE
  - ⑦ PROFILED PLASTIC WIDE LINE
  - ⑧ PROFILED PLASTIC DOTTED WIDE LINE
  - ⑨ PROFILED PLASTIC SKIP WIDE LINE
  - ⑩ WIDE LINE
  - ⑪ PLASTIC CROSSWALK LINE
  - ⑫ TWO WAY LEFT TURN LINE
  - ⑬ LANE LINE
  - ⑭ EDGE LINE (PAINT ONLY)
  - ⑮ DOUBLE YELLOW CENTERLINE
  - ⑯ DOTTED EXTENSION LINE

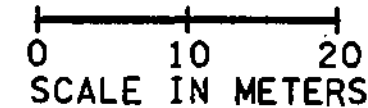
C:\PWTEMP\dms00316\PM009\_C2.DGN

PLOT9

11/27/2002 10:46:20 AM

mbenson

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.



DESIGNED BY	MH	10/02			
ENTERED BY	MJB	10/02			
CHECKED BY	JRS	10/02			
PROJ. ENGR.	D. CIERI	10/02			
REGIONAL ADM.	D. DYE	10/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

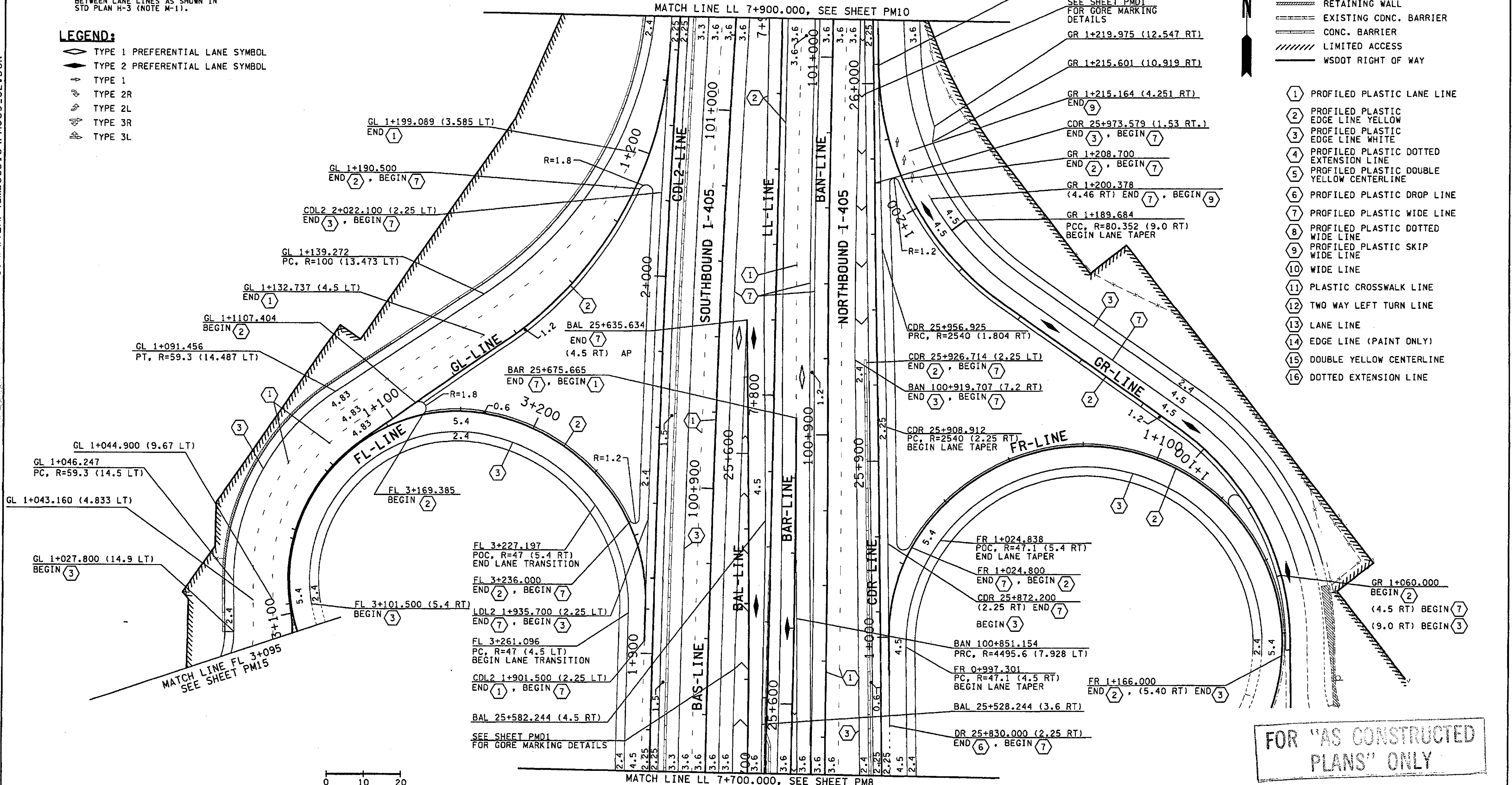
Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

PAVEMENT MARKING PLAN

SHEET NO. 378 OF 1152 SHEETS

SHEET NO. PM9



FOR "AS CONSTRUCTED PLANS" ONLY



**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).

**LEGEND:**

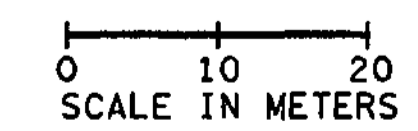
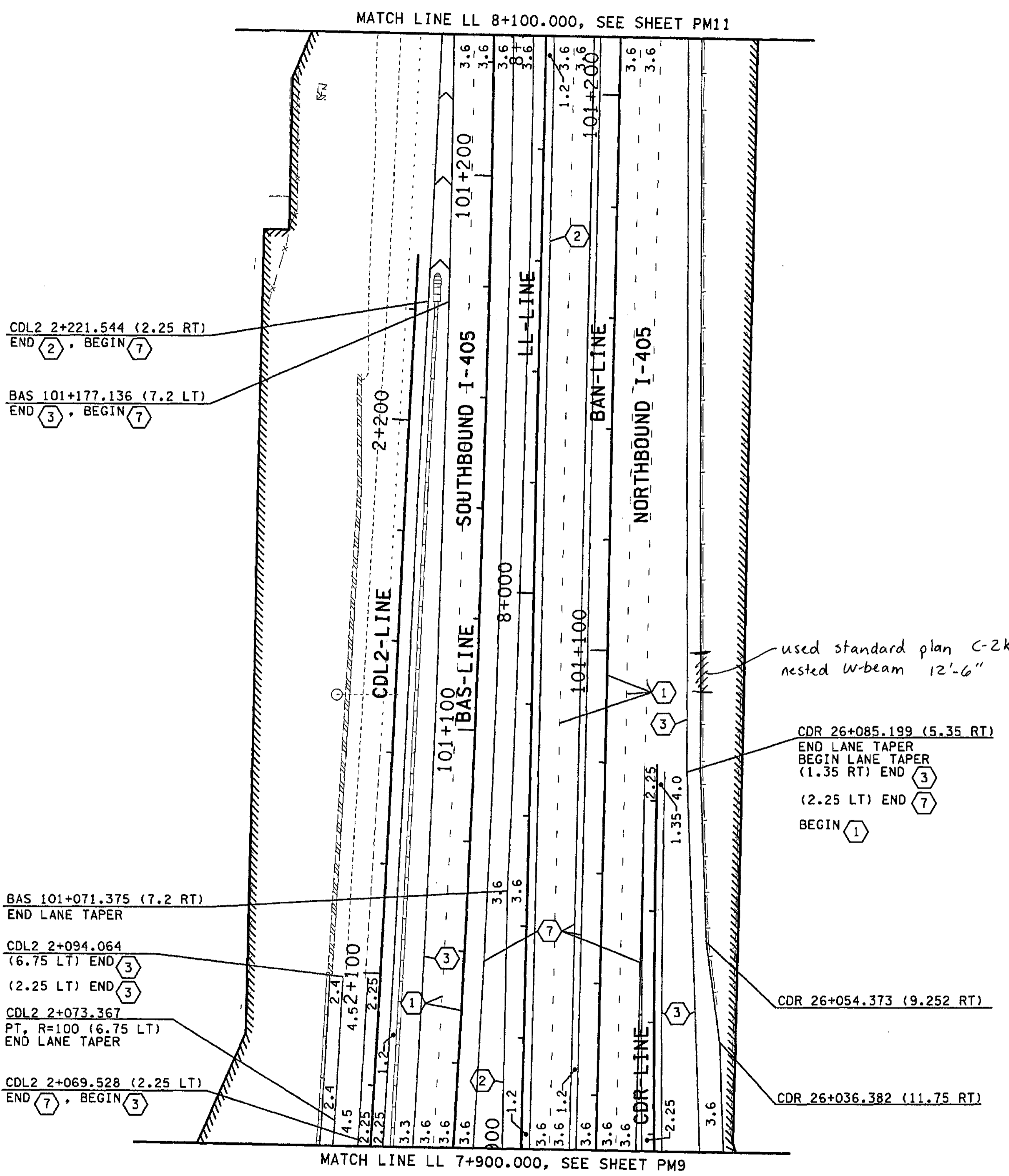
- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- /// EXISTING RETAINING WALL
- //// RETAINING WALL
- ==== EXISTING CONC. BARRIER
- ===== CONC. BARRIER
- ////// LIMITED ACCESS
- ===== WSDOT RIGHT OF WAY

- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

**LEGEND:**

- ◇ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◆ TYPE 2 PREFERENTIAL LANE SYMBOL
- ▶ TYPE 1
- ◀ TYPE 2R
- ◀ TYPE 2L
- ▶ TYPE 3R
- ▶ TYPE 3L

FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	10/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.	
ENTERED BY	MJB	10/02	JOB NUMBER	02A012				
CHECKED BY	JRS	10/02	CONTRACT NO.					
PROJ. ENGR.	D. CIERI	10/02						
REGIONAL ADM.	D. DYE	10/02						
DATE	DATE	REVISION	BY					

12/6/02

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

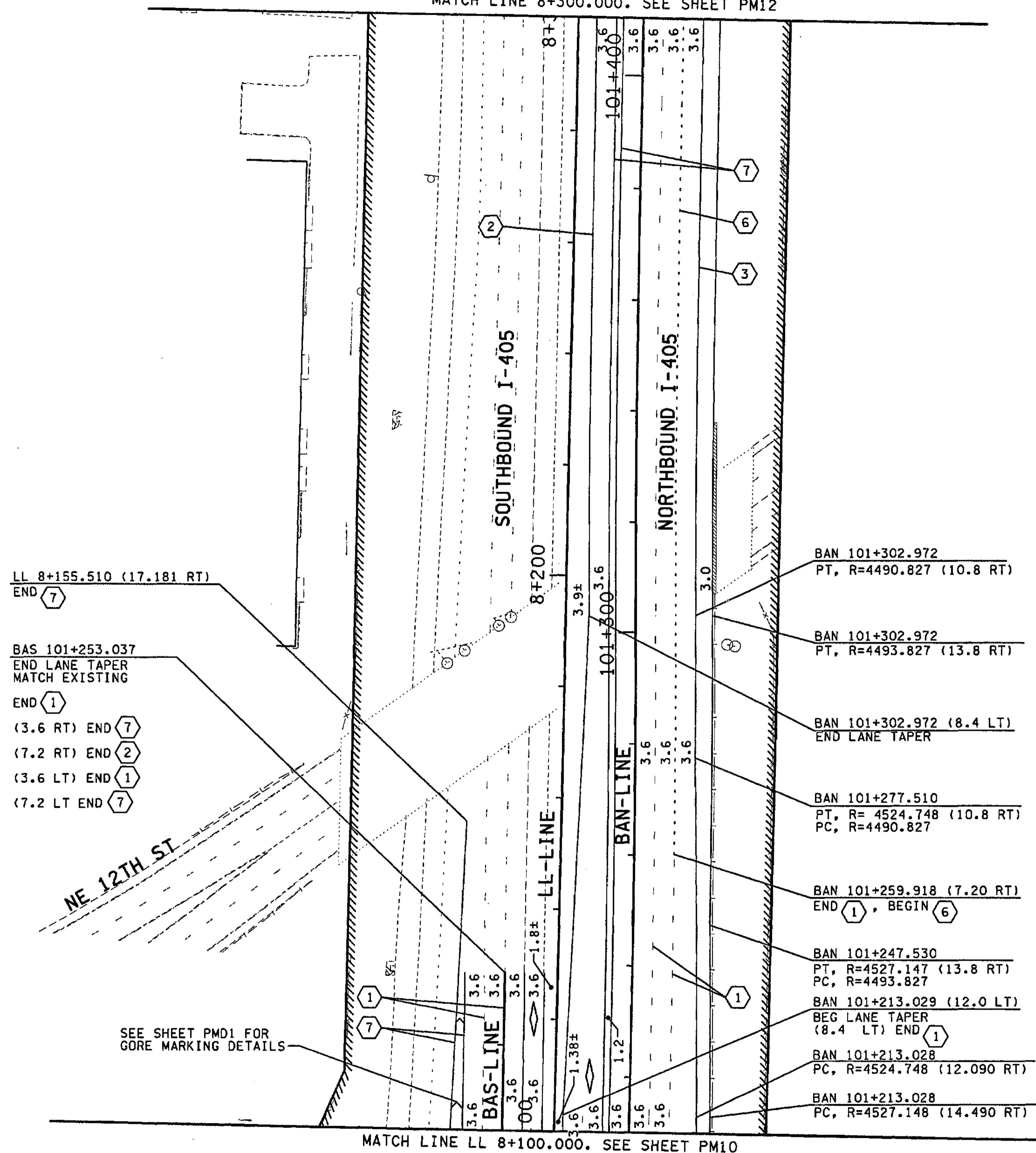
PAVEMENT MARKING PLAN

SHEET NO. PM10

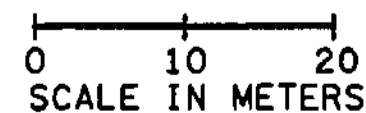
379 OF 1152 SHEETS



MATCH LINE 8+300.000. SEE SHEET PM12



MATCH LINE LL 8+100.000. SEE SHEET PM10



**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).

**LEGEND:**

- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- /// EXISTING RETAINING WALL
- ==== RETAINING WALL
- ==== EXISTING CONC. BARRIER
- ==== CONC. BARRIER
- //// LIMITED ACCESS
- WSDOT RIGHT OF WAY

- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

**LEGEND:**

- ◇ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◊ TYPE 2 PREFERENTIAL LANE SYMBOL
- ▲ TYPE 1
- TYPE 2R
- TYPE 2L
- TYPE 3R
- TYPE 3L

FOR "AS CONSTRUCTED  
PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	10/02					
ENTERED BY	MJB	10/02					
CHECKED BY	JRS	10/02					
PROJ. ENGR.	D. CIERI	10/02					
REGIONAL ADM.	D. DYE	10/02					
	DATE	DATE	REVISION	BY			

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING  
SERVICE CENTER

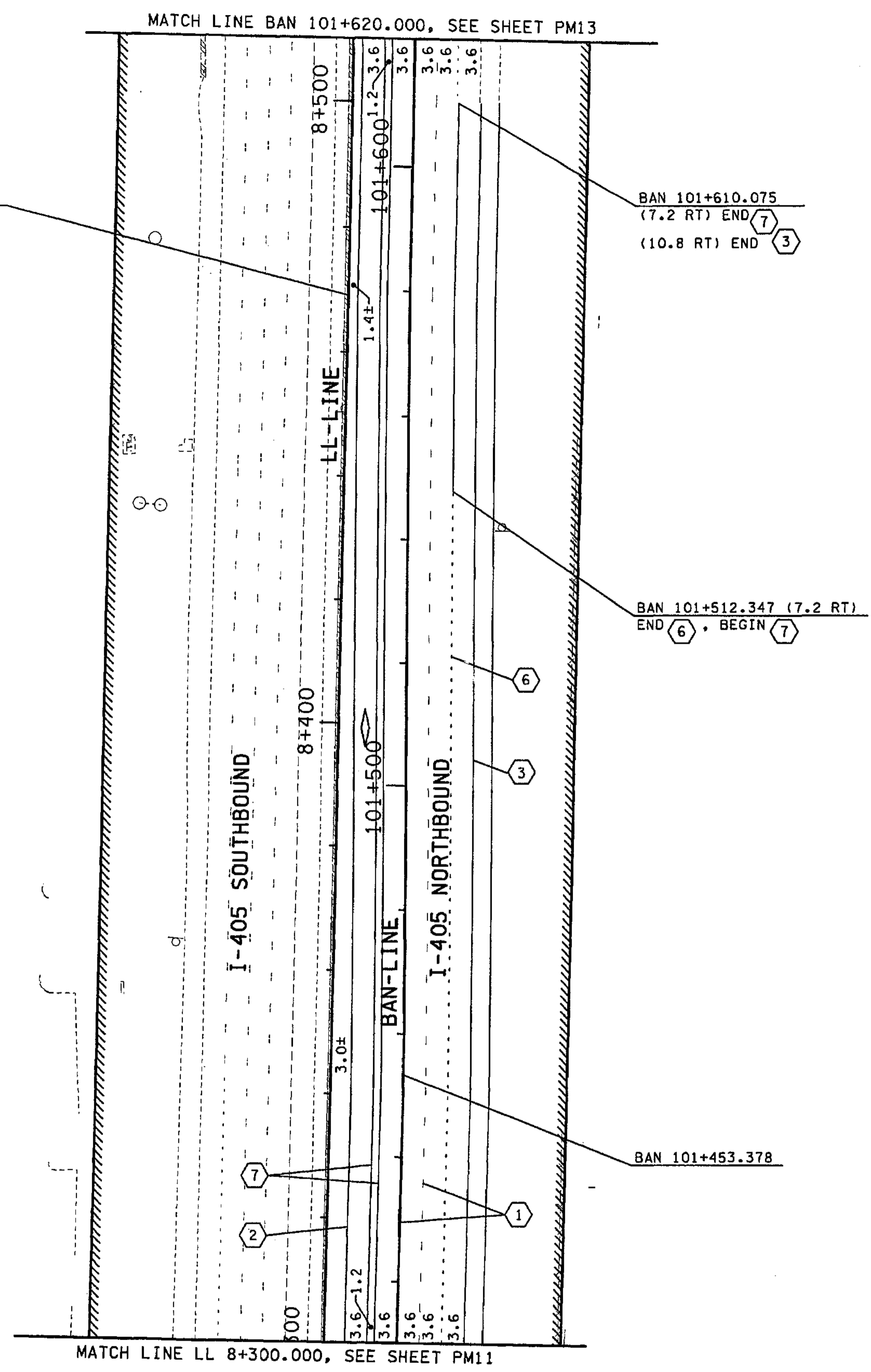
Washington State  
Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PAVEMENT MARKING PLAN

SHEET NO	PM11
SHEETS	380 1152

C:\NPWTEMP\dms00316\PM012\_C2.DGN PLOT12 11/27/2002 10:47:16 AM mbenson



**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN H-3 (NOTE M-1).

**LEGEND:**

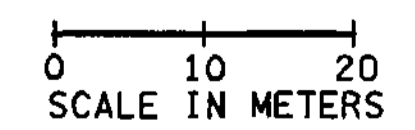
- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- /// EXISTING RETAINING WALL
- ==== RETAINING WALL
- ==== EXISTING CONC. BARRIER
- ==== CONC. BARRIER
- //// LIMITED ACCESS
- ==== WSDOT RIGHT OF WAY

- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

**LEGEND:**

- ◊ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◄ TYPE 2 PREFERENTIAL LANE SYMBOL
- TYPE 1
- ↪ TYPE 2R
- ↩ TYPE 2L
- ↪ TYPE 3R
- ↩ TYPE 3L

FOR "AS CONSTRUCTED PLANS" ONLY



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	10/02			
ENTERED BY	MJB	10/02			
CHECKED BY	JRS	10/02			
PROJ. ENGR.	D. CIERI	10/02			
REGIONAL ADM.	D. DYE	10/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		02A012
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/26/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PAVEMENT MARKING PLAN

SHEET NO  
PM12

SHEET  
381  
1152  
SHEETS







**NOTES:**

1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. FOR PROFILED PLASTIC LANE LINES NO LANE MARKERS WILL BE PLACED BETWEEN LANE LINES AS SHOWN IN STD PLAN R-3 (NOTE M-1).

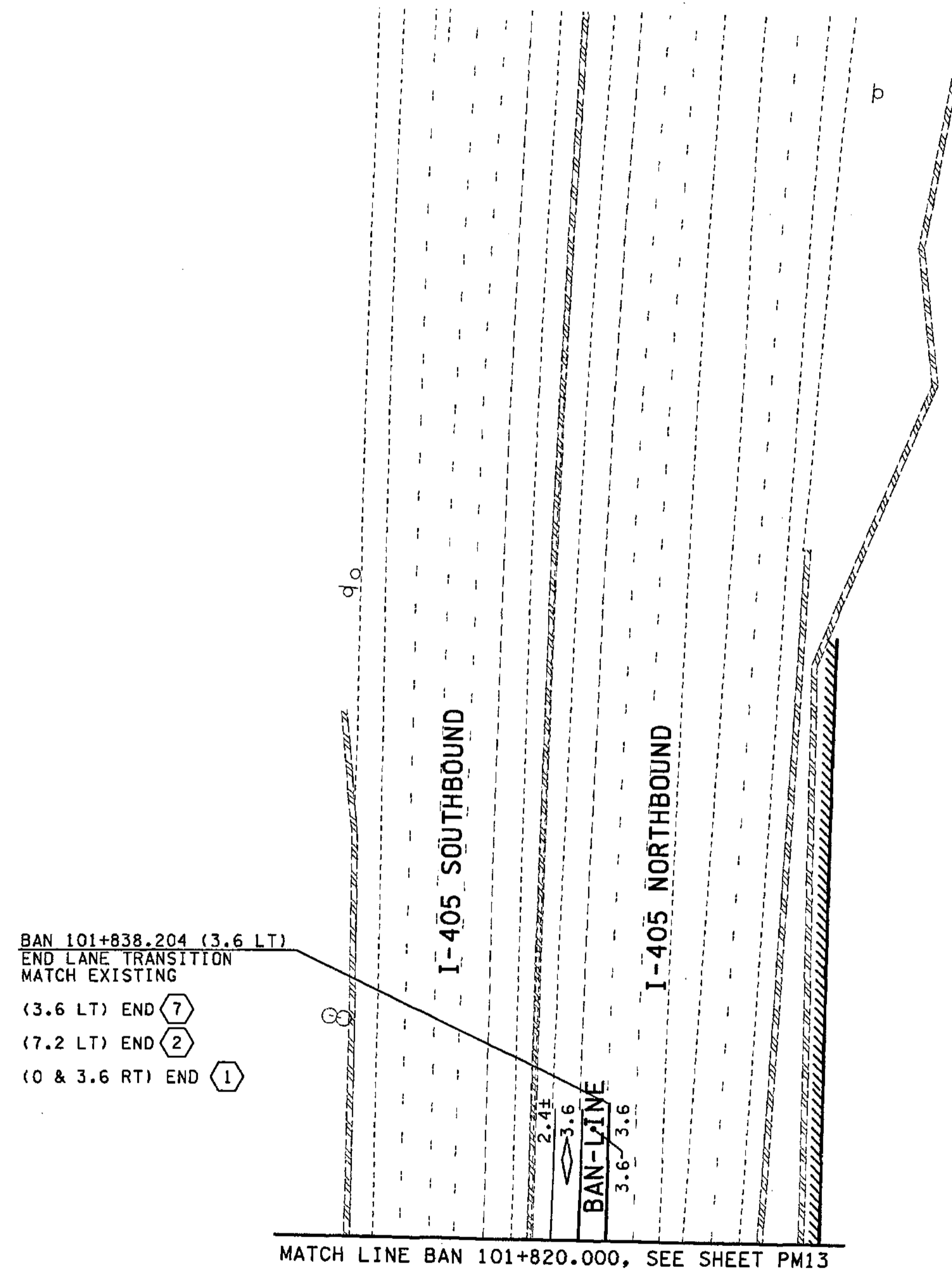
**LEGEND:**

- EXISTING BEAM GUARDRAIL
- - - BEAM GUARDRAIL
- ||||| EXISTING RETAINING WALL
- ==== RETAINING WALL
- ===== EXISTING CONC. BARRIER
- ===== CONC. BARRIER
- ////// LIMITED ACCESS
- ===== WSDOT RIGHT OF WAY

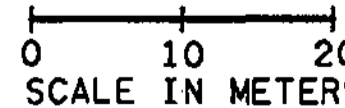
- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

**LEGEND:**

- ◊ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◄ TYPE 2 PREFERENTIAL LANE SYMBOL
- TYPE 1
- ↘ TYPE 2R
- ↙ TYPE 2L
- ↗ TYPE 3R
- ↖ TYPE 3L



BAN 101+838.204 (3.6 LT)  
 END LANE TRANSITION  
 MATCH EXISTING  
 (3.6 LT) END ⑦  
 (7.2 LT) END ②  
 (0 & 3.6 RT) END ①



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY MH	10/02	REGION NO. 10	STATE WASH	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. PM14		
ENTERED BY MJB	10/02	JOB NUMBER 02A012							PAVEMENT MARKING PLAN	SHEET 383 OF 1152 SHEETS
CHECKED BY JRS	10/02	CONTRACT NO.								
PROJ. ENGR. D. CIERI	10/02									
REGIONAL ADM. D. DYE	10/02	DATE	DATE	REVISION	BY					



C:\PWTEMP\dms00316\PM015\_C2.DGN

PLOT16

09:54:05 AM

11/27/2002

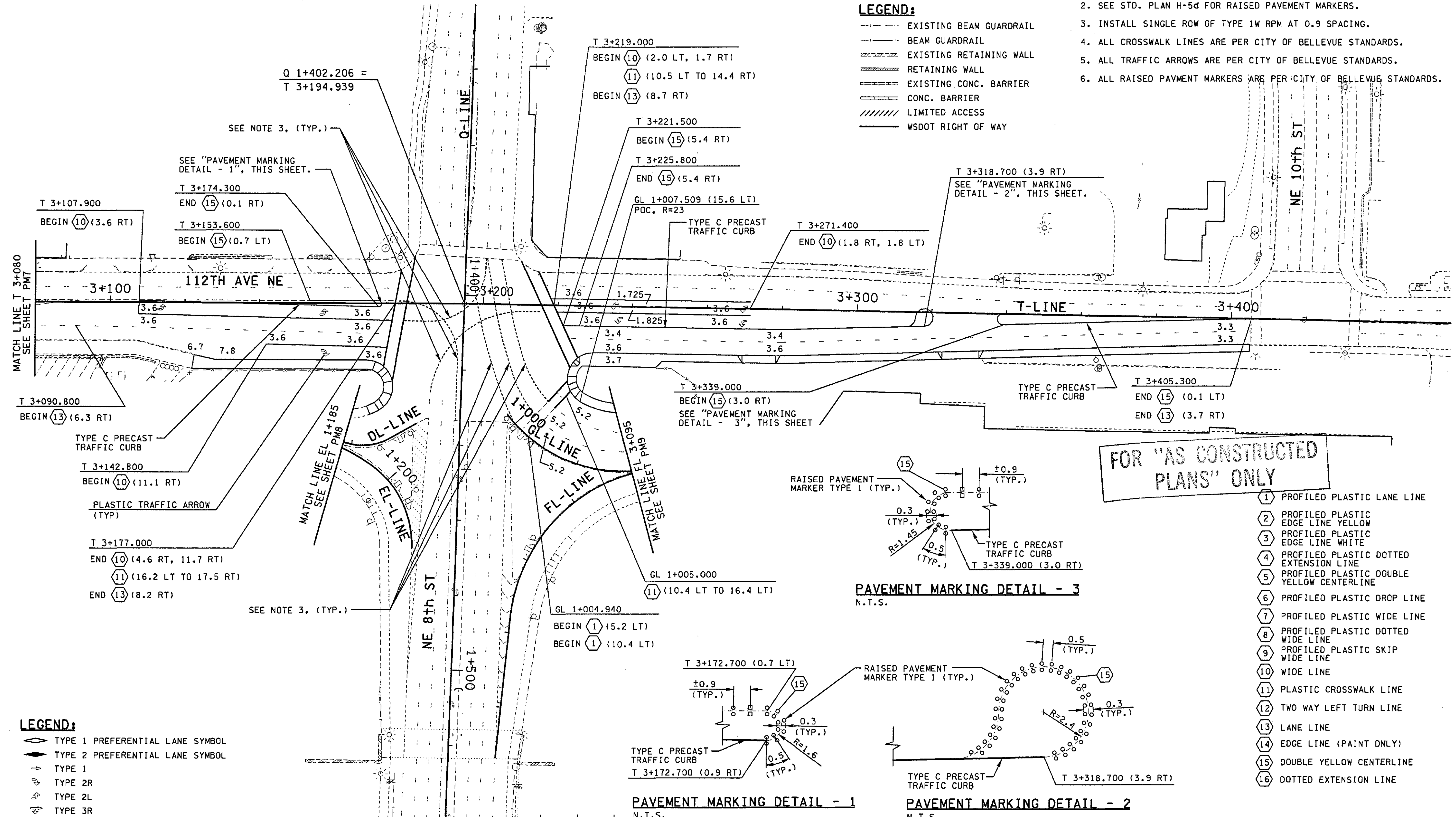
segraff

**NOTES:**

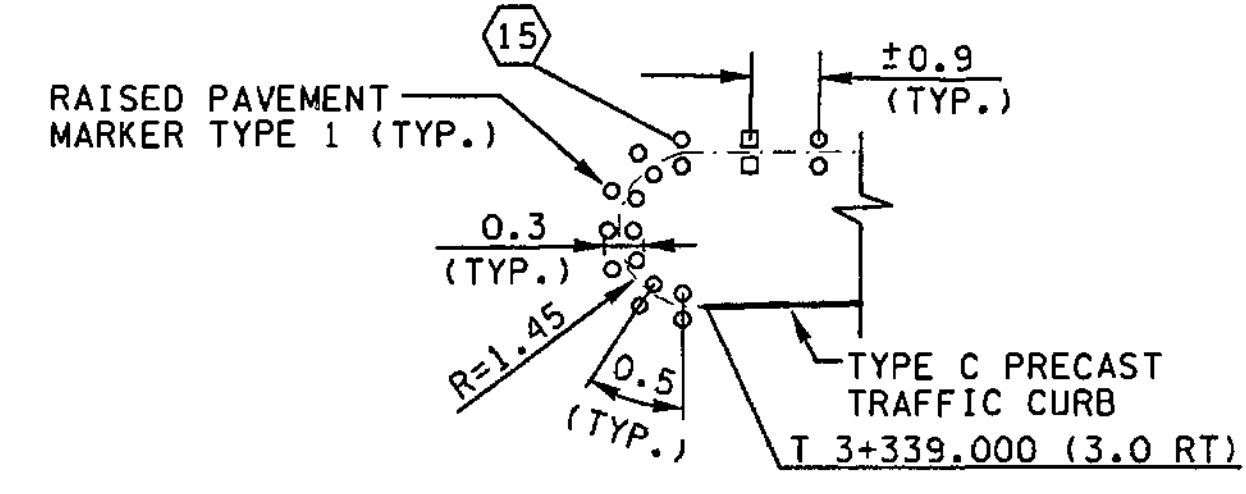
1. ALL NON PROFILED LINES ARE RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
2. SEE STD. PLAN H-5d FOR RAISED PAVEMENT MARKERS.
3. INSTALL SINGLE ROW OF TYPE 1W RPM AT 0.9 SPACING.
4. ALL CROSSWALK LINES ARE PER CITY OF BELLEVUE STANDARDS.
5. ALL TRAFFIC ARROWS ARE PER CITY OF BELLEVUE STANDARDS.
6. ALL RAISED PAVEMENT MARKERS ARE PER CITY OF BELLEVUE STANDARDS.

**LEGEND:**

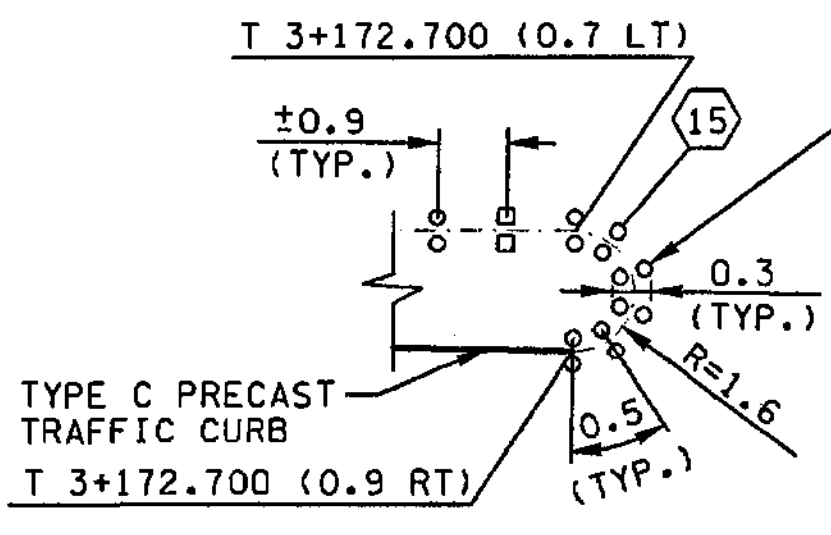
- - - - - EXISTING BEAM GUARDRAIL
- — — — — BEAM GUARDRAIL
- ▨▨▨▨▨▨ EXISTING RETAINING WALL
- ▨▨▨▨▨▨ RETAINING WALL
- ▬▬▬▬▬▬ EXISTING CONC. BARRIER
- ▬▬▬▬▬▬ CONC. BARRIER
- ▨▨▨▨▨▨ LIMITED ACCESS
- — — — — WSDOT RIGHT OF WAY



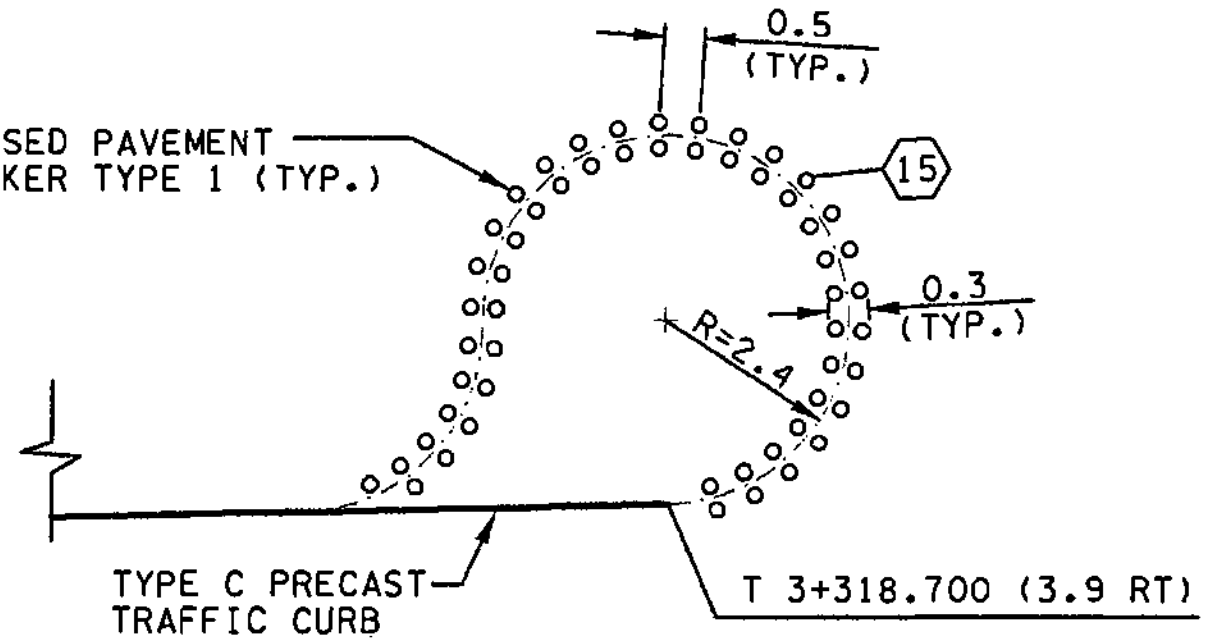
**FOR "AS CONSTRUCTED PLANS" ONLY**



**PAVEMENT MARKING DETAIL - 3**  
N.T.S.



**PAVEMENT MARKING DETAIL - 1**  
N.T.S.



**PAVEMENT MARKING DETAIL - 2**  
N.T.S.

- ① PROFILED PLASTIC LANE LINE
- ② PROFILED PLASTIC EDGE LINE YELLOW
- ③ PROFILED PLASTIC EDGE LINE WHITE
- ④ PROFILED PLASTIC DOTTED EXTENSION LINE
- ⑤ PROFILED PLASTIC DOUBLE YELLOW CENTERLINE
- ⑥ PROFILED PLASTIC DROP LINE
- ⑦ PROFILED PLASTIC WIDE LINE
- ⑧ PROFILED PLASTIC DOTTED WIDE LINE
- ⑨ PROFILED PLASTIC SKIP WIDE LINE
- ⑩ WIDE LINE
- ⑪ PLASTIC CROSSWALK LINE
- ⑫ TWO WAY LEFT TURN LINE
- ⑬ LANE LINE
- ⑭ EDGE LINE (PAINT ONLY)
- ⑮ DOUBLE YELLOW CENTERLINE
- ⑯ DOTTED EXTENSION LINE

**LEGEND:**

- ◊ TYPE 1 PREFERENTIAL LANE SYMBOL
- ◊ TYPE 2 PREFERENTIAL LANE SYMBOL
- ↑ TYPE 1
- ↖ TYPE 2R
- ↗ TYPE 2L
- ↘ TYPE 3R
- ↙ TYPE 3L

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

0 10 20  
SCALE IN METERS

DESIGNED BY	S. GRAFF	10/02			
ENTERED BY	C. SULLIVAN	10/02			
CHECKED BY	R. FRANTZ	10/02			
PROJ. ENGR.	D. CIERI	10/02			
REGIONAL ADM.	D. DYE	10/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PAVEMENT MARKING PLAN

SHEET NO. PM15

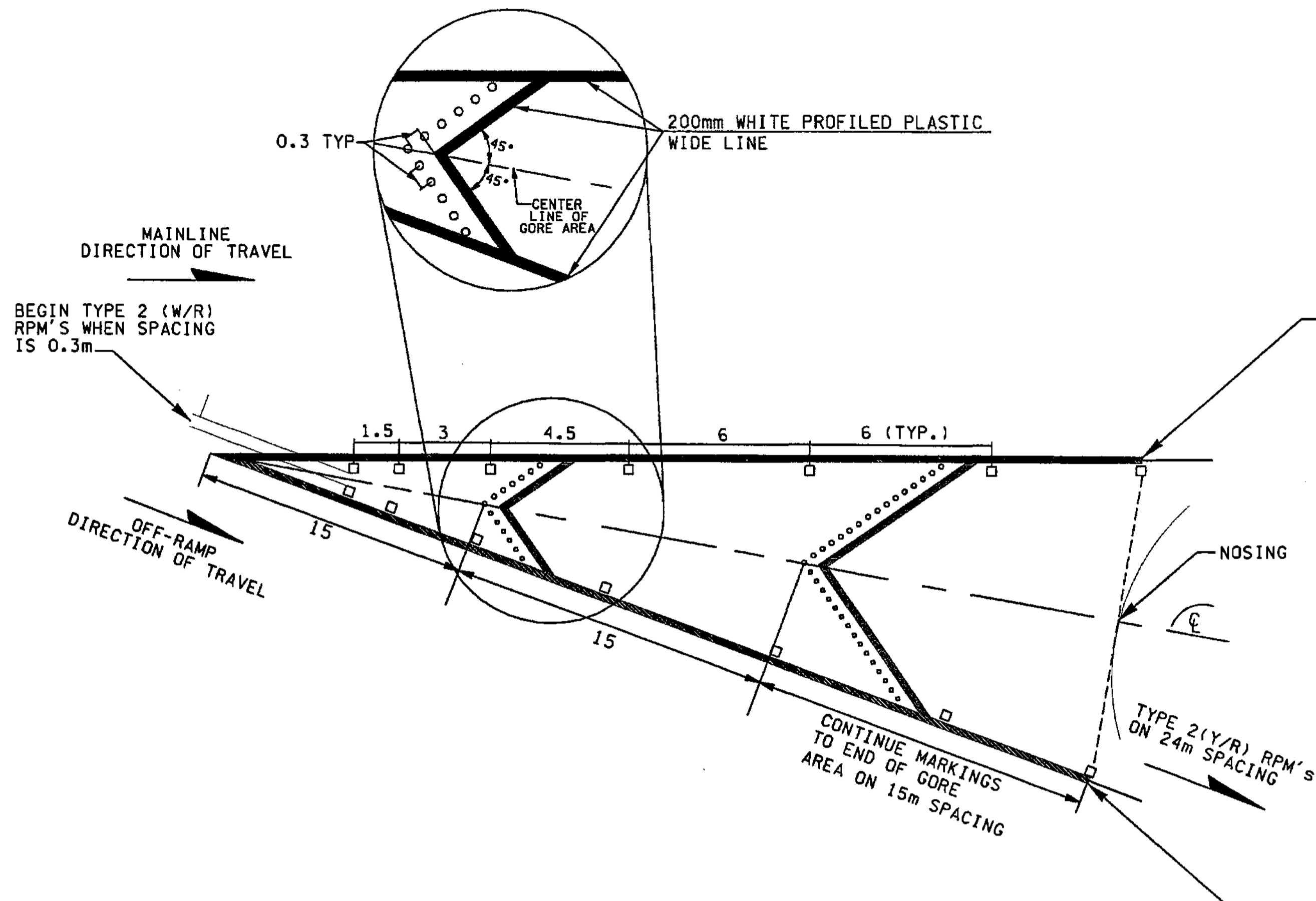
384 OF 1152 SHEETS

C:\PWTEMP\dms00316\PMDO01\_C2.dgn

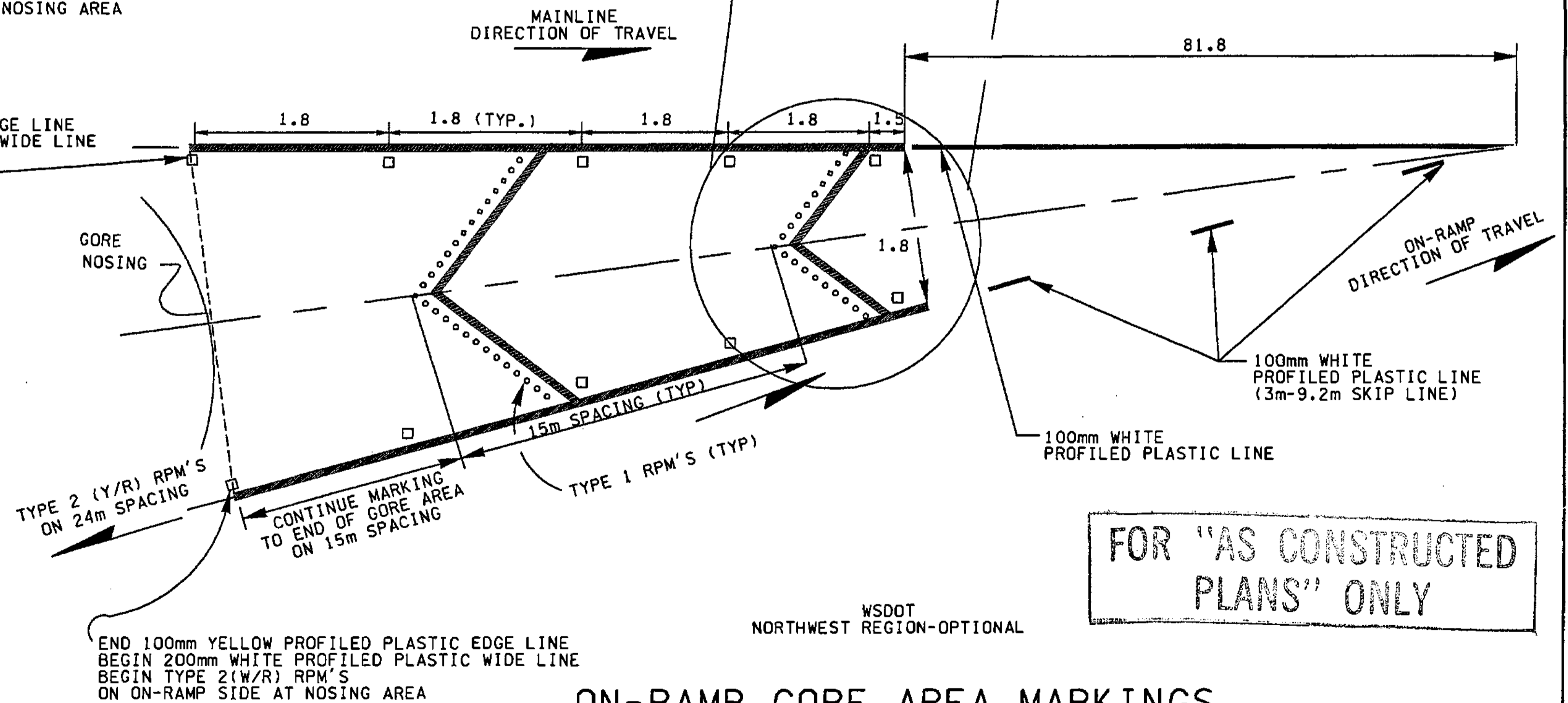
PLOT

11/27/2002 10:48:45 AM

mbenson



**OFF-RAMP GORE AREA MARKINGS**  
GORE AREA CHEVRON FOR OFF-RAMP USING PROFILED PLASTIC AND RPM'S



**ON-RAMP GORE AREA MARKINGS**  
GORE AREA CHEVRON FOR ON-RAMP USING PROFILED PLASTIC AND RPM'S

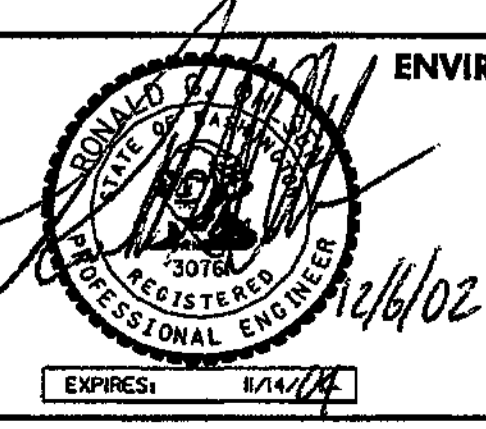
FOR "AS CONSTRUCTED PLANS" ONLY

WSDOT  
NORTHWEST REGION-OPTIONAL

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	MH	10/02			
ENTERED BY	MJB	10/02			
CHECKED BY	JRS	10/02			
PROJ. ENGR.	D. CIERI	10/02			
REGIONAL ADM.	D. DYE	10/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		



ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

PAVEMENT MARKING DETAILS

SHEET NO  
PMD1  
385  
1152  
SHEETS



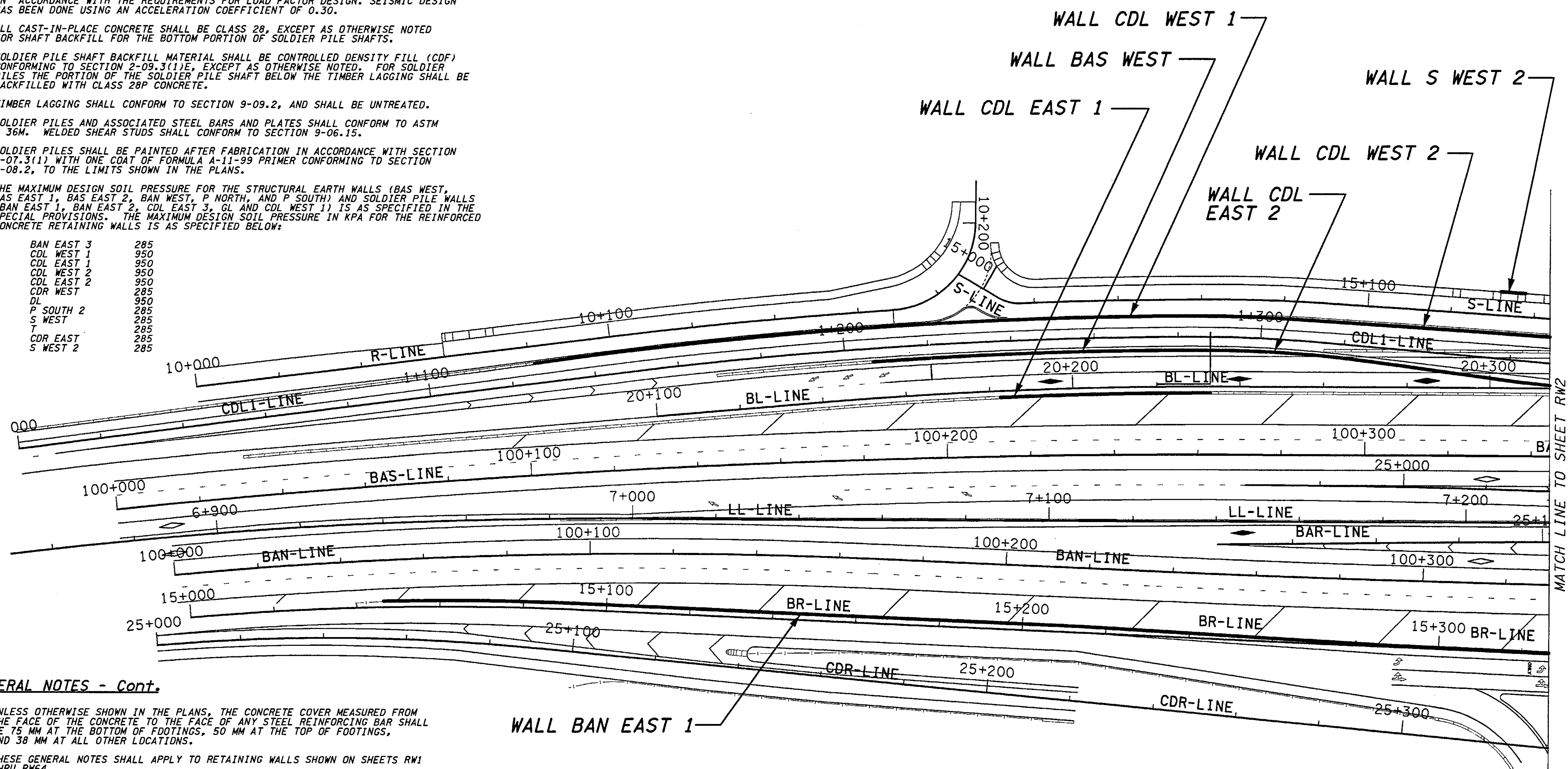
**GENERAL NOTES**

- ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION - ENGLISH, DATED 2002, AND AMENDMENTS.
- THESE STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES SIXTEENTH EDITION - 1996 AND INTERIMS THROUGH 2000. ALL STRUCTURAL ELEMENTS ARE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS FOR LOAD FACTOR DESIGN. SEISMIC DESIGN HAS BEEN DONE USING AN ACCELERATION COEFFICIENT OF 0.30.
- ALL CAST-IN-PLACE CONCRETE SHALL BE CLASS 28, EXCEPT AS OTHERWISE NOTED FOR SHAFT BACKFILL FOR THE BOTTOM PORTION OF SOLDIER PILE SHAFTS.
- SOLDIER PILE SHAFT BACKFILL MATERIAL SHALL BE CONTROLLED DENSITY FILL (CDF) CONFORMING TO SECTION 2-09.3(1)E, EXCEPT AS OTHERWISE NOTED. FOR SOLDIER PILES THE PORTION OF THE SOLDIER PILE SHAFT BELOW THE TIMBER LAGGING SHALL BE BACKFILLED WITH CLASS 28P CONCRETE.
- TIMBER LAGGING SHALL CONFORM TO SECTION 9-09.2, AND SHALL BE UNTREATED.
- SOLDIER PILES AND ASSOCIATED STEEL BARS AND PLATES SHALL CONFORM TO ASTM A 36M. WELDED SHEAR STUDS SHALL CONFORM TO SECTION 9-06.15.
- SOLDIER PILES SHALL BE PAINTED AFTER FABRICATION IN ACCORDANCE WITH SECTION 6-07.3(1) WITH ONE COAT OF FORMULA A-11-99 PRIMER CONFORMING TO SECTION 9-08.2, TO THE LIMITS SHOWN IN THE PLANS.
- THE MAXIMUM DESIGN SOIL PRESSURE FOR THE STRUCTURAL EARTH WALLS (BAS WEST, BAS EAST 1, BAS EAST 2, BAS WEST, P NORTH, AND P SOUTH) AND SOLDIER PILE WALLS (BAN EAST 1, BAN EAST 2, CDL EAST 3, GL AND CDL WEST 1) IS AS SPECIFIED IN THE SPECIAL PROVISIONS. THE MAXIMUM DESIGN SOIL PRESSURE IN KPA FOR THE REINFORCED CONCRETE RETAINING WALLS IS AS SPECIFIED BELOW:

BAN EAST 3	285
CDL WEST 1	950
CDL EAST 1	950
CDL WEST 2	950
CDL EAST 2	950
CDR WEST	285
DL	950
P SOUTH 2	285
S WEST	285
T	285
CDR EAST	285
S WEST 2	285

**SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE**

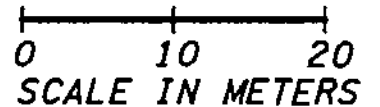
I 405



**GENERAL NOTES - Cont.**

- UNLESS OTHERWISE SHOWN IN THE PLANS, THE CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY STEEL REINFORCING BAR SHALL BE 75 MM AT THE BOTTOM OF FOOTINGS, 50 MM AT THE TOP OF FOOTINGS, AND 38 MM AT ALL OTHER LOCATIONS.
- THESE GENERAL NOTES SHALL APPLY TO RETAINING WALLS SHOWN ON SHEETS RW1 THRU RW64.

**FOR "AS CONSTRUCTED PLANS" ONLY**

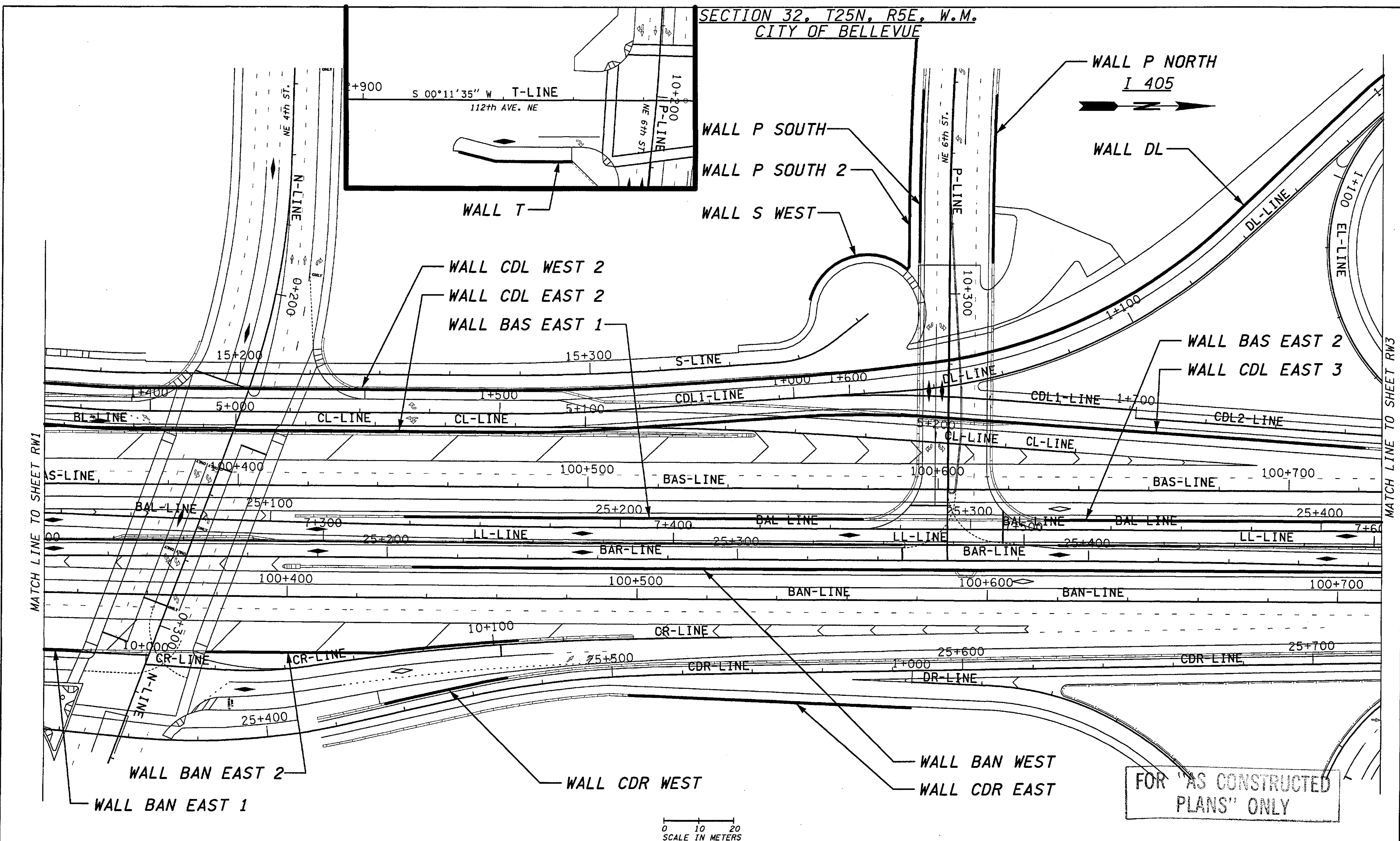


I 405 JOB NO. SHEET 12/03/2002 10:35:35 AM keller

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.				I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO.
SUPERVISOR		10	WASH						RW1
DESIGNED BY	KJW	12/02				RETAINING WALL KEY PLAN			
ENTERED BY	MJB	12/02							
CHECKED BY	JHS	12/02			SHEET 386 OF 1152 SHEETS				
PROJ. DYER	D. CIERI	12/02							
REGIONAL ADM.	D. DYE	12/02							
DATE	DATE	REVISION	BY						

C:\PWTEMP\dms00358\RW002\_C2.DGN

I 405 JOB NO. SHEET 12/03/2002 10:36:46 AM



FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

BRIDGE DESIGN ENGR.					
SUPERVISOR					
DESIGNED BY	KWS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	JHS	12/02			
PROJ. D. YER.	D. CIERI	12/02			
REGIONAL ADM. D. DYE		12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

CHERYL H. SZYMECZEK  
STATE OF WASHINGTON  
LICENSE NO. 3223  
EXPIRES: 09/09/04

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

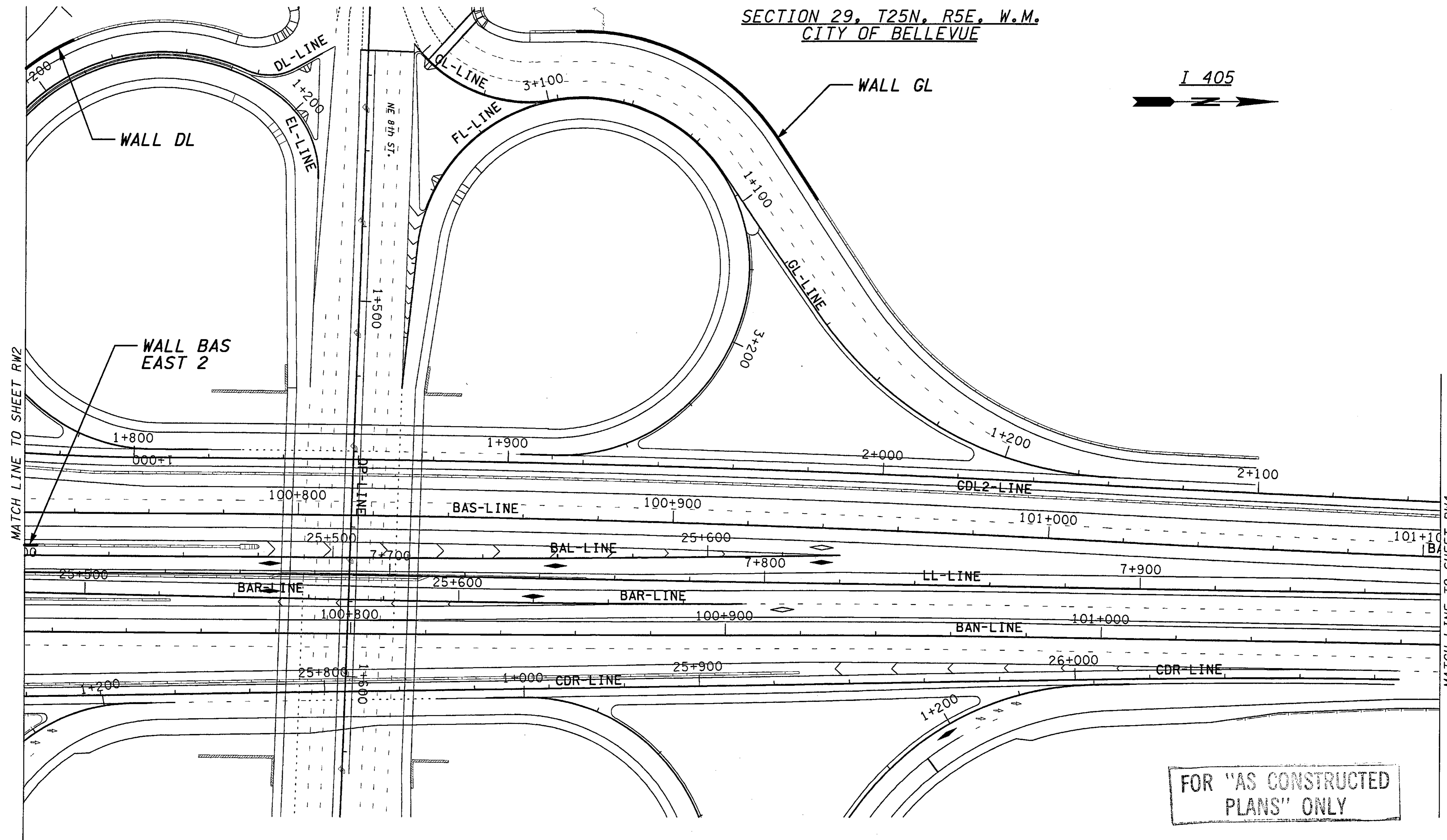
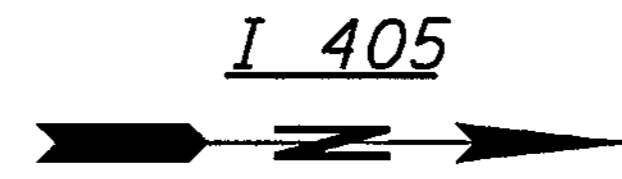
RETAINING WALL KEY PLAN

BRIDGE SHEET NO. RW2

387  
1152  
SHEETS



SECTION 29, T25N, R5E, W.M.  
CITY OF BELLEVUE



FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

I 405 JOB NO. SHEET  
keller 12/03/2002 10:37:50 AM  
C:\P\TEMP\dms00358\RW003\_C2.DGN

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	KJW 12/02	JOB NUMBER	02A012	
ENTERED BY	MJB 12/02	CONTRACT NO.		
CHECKED BY	JHS 12/02	DATE	DATE	REVISION
PROJ. DYER. D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			

ENVIRONMENTAL AND ENGINEERING  
SERVICE CENTER

12/06/02

Washington State  
Department of Transportation

HDR  
ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL KEY PLAN

BRIDGE SHEET NO.  
RW3

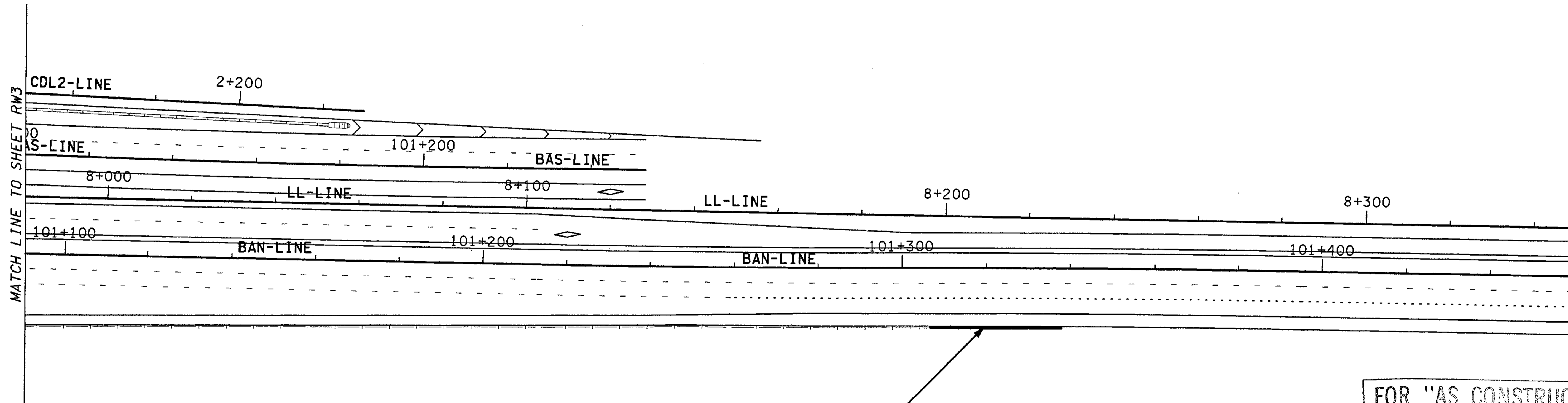
SHEET NO.  
388  
OF  
152  
SHEETS

SECTION 29, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405

C:\NPWTEMP\dms00358\RW004\_C2.DGN

I 405 JOB NO. SHEET  
Keller 11/27/2002 01:28:50 PM



WALL BAN EAST 3

FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

BRIDGE DESIGN ENGR.									
SUPERVISOR									
DESIGNED BY	KJW	12/02							
ENTERED BY	MJB	12/02							
CHECKED BY	JHS	12/02							
PROJ. D. YER.	D. CIERI	12/02							
REGIONAL ADM.	D. DYE	12/02							
	DATE	DATE	REVISION	BY					

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING  
SERVICE CENTER

12/02/02

Washington State  
Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL KEY PLAN

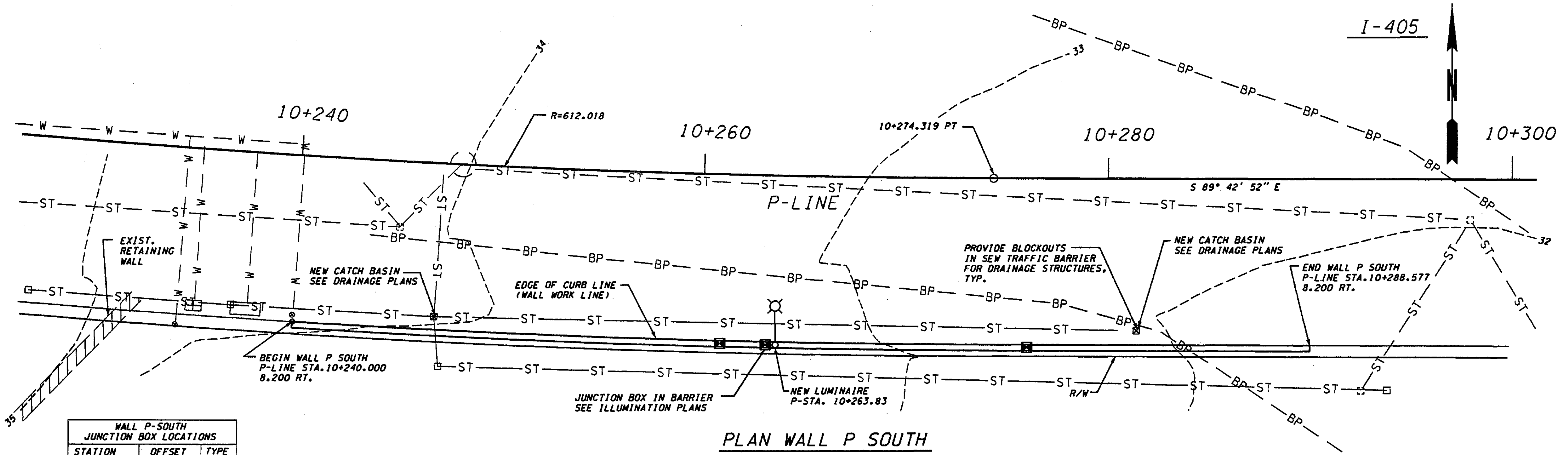
BRIDGE SHEET NO.  
RW4

SHEET NO.  
389  
OF  
1152  
SHEETS



h:\2016-ae\i\Dgn\C2\FINAL\RW005\_C2.dgn

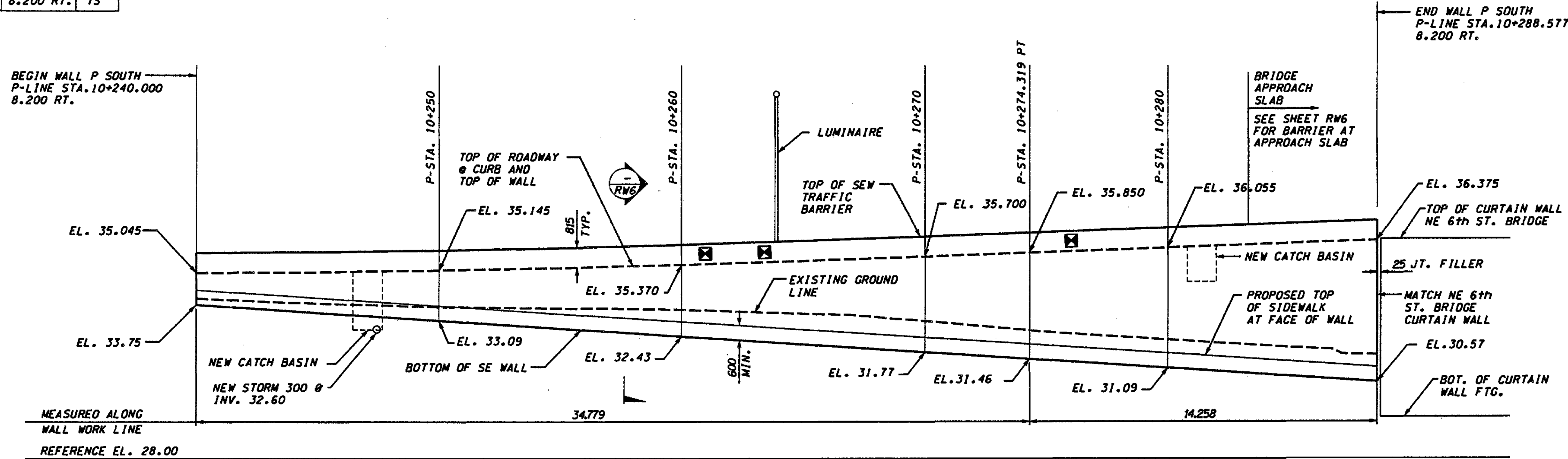
SR\_405\_JOB NO. SHEET Administrator 11/22/2002 04:14:02 PM



WALL P-SOUTH JUNCTION BOX LOCATIONS

STATION	OFFSET	TYPE
10+261.00	8.200 RT.	SPARE
10+263.40	8.200 RT.	LT
10+276.00	8.200 RT.	TS

PLAN WALL P SOUTH

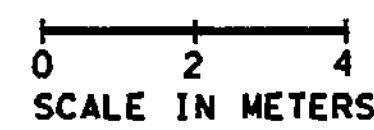


DATUM NAVD OF 1988

MEASURED ALONG WALL WORK LINE REFERENCE EL. 28.00

METRIC LEGEND:

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS



DEVELOPED ELEVATION - WALL P SOUTH

(VIEW LOOKING NORTH)

NOTE: ELEVATIONS NOT SHOWN SHALL BE ESTABLISHED BY STRAIGHT LINE INTERPOLATION BETWEEN ELEVATIONS SHOWN.

FOR "AS CONSTRUCTED PLANS" ONLY

BRIDGE DESIGN ENGR.	DATE	REVISION	BY
SUPERVISOR			
DESIGNED BY A.K.F.	12/02		
ENTERED BY H.N.	12/02		
CHECKED BY R.K.M.	12/02		
PROJ. ENGR. D. CIERI	12/02		
REGIONAL ADM. L. ENG	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/29/02

Washington State Department of Transportation

L & A LIN & ASSOCIATES, INC. Consulting Engineers

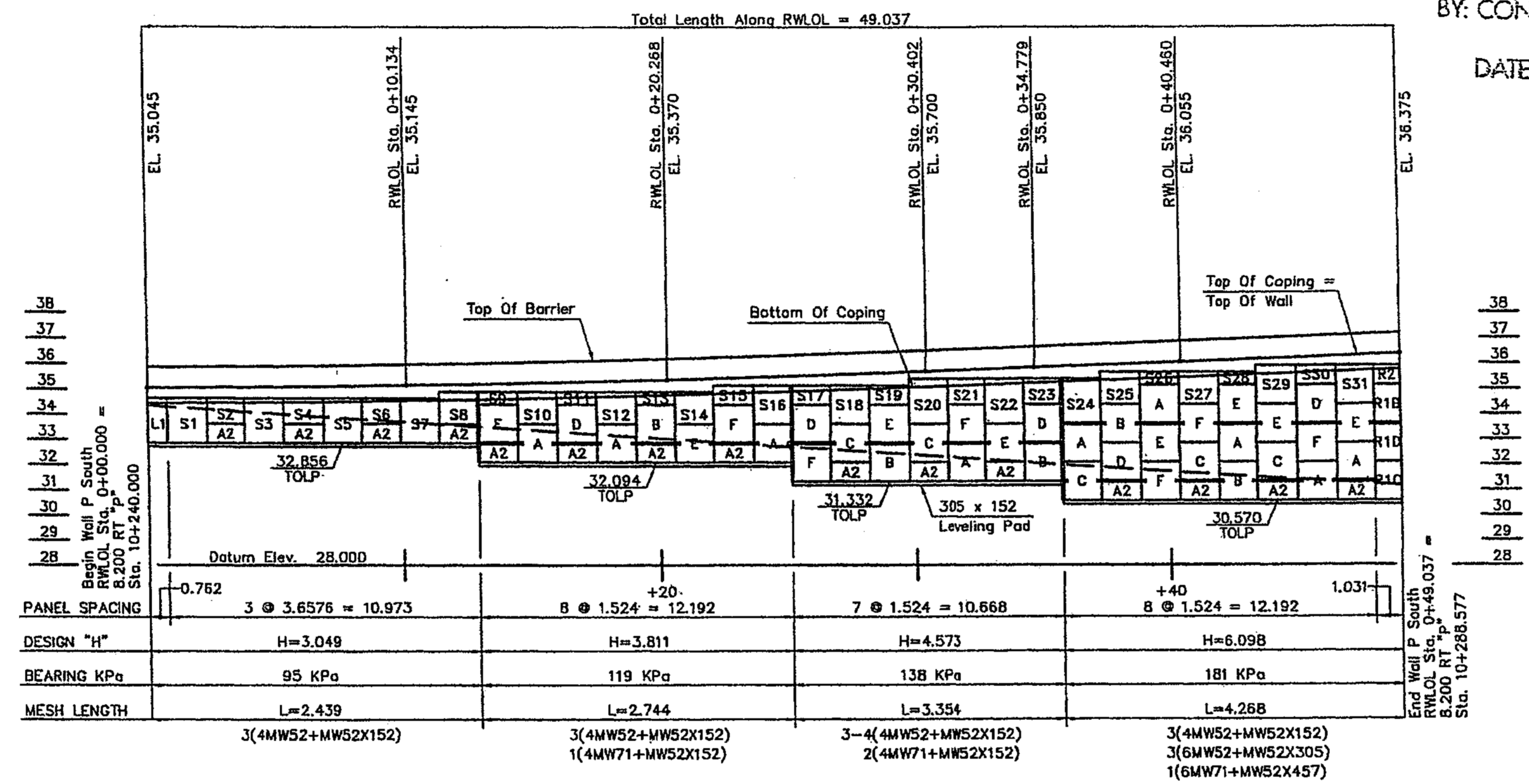
I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

RETAINING WALL P SOUTH

BRIDGE SHEET NO. RW5

SHEET 390 OF 1152 SHEETS

S:\2004\client\Drawings\SSLI-405, Bellevue\RW-4-2.dwg, 1/23/2004 10:15:43 PM, 1488841, 1488841



**WALL P SOUTH - ELEVATION**  
 (FRONT FACE SHOWN)

- GENERAL NOTES:**
- Elevations Shown Above Wall Are To Top Of Coping.
  - Elevations Shown Below Wall Are To Top Of Cast-In-Place Leveling Pad.
  - See The General Provisions For Earth Retaining Structures For Material And Construction Specifications.

- SOIL REINFORCEMENT NOTES:**
- Mesh Lengths Shown Above Mesh Length Line.
  - Heavy Horizontal Lines Separate Zones Of Different Mesh Types.
  - Heavy Vertical Lines Separate Zones Of Different Mesh Lengths / Design Heights.
  - Mesh Types Shown Below Mesh Length Line. (See STANDARD DETAIL SHEET For Mesh Key)
  - The Number Preceding The Mesh Type Indicates The No. Of Layers Of That Type Req'd.

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT-ENGINEER  
 JAN 31 2004  
 DATE \_\_\_\_\_

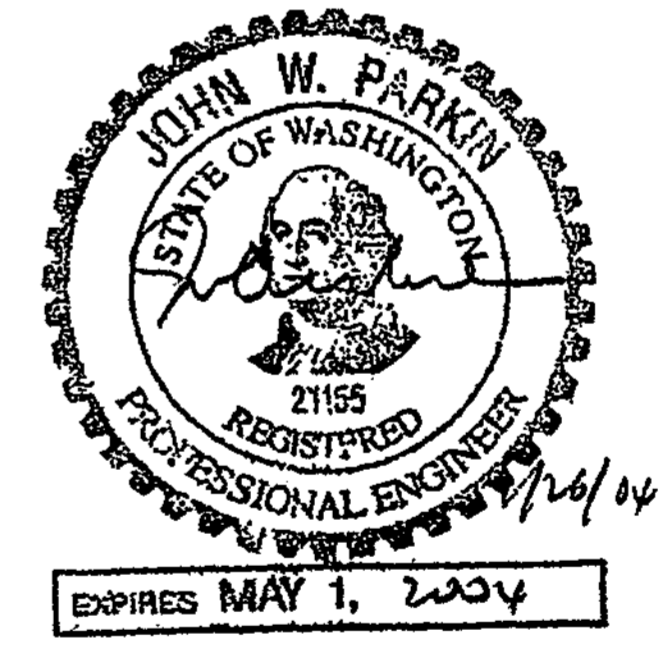
BY	REVISION	DATE
ST	CHANG FR 5/5	1/17/03
ST	REVISION	1/16/04

**JUST Drafting**  
 Services  
 1835 N. 10th St.  
 Everett, WA 98201  
 Phone: (425) 336-7777  
 Fax: (425) 336-7788

**SSL**  
 Specializing in Construction Products  
 20075 1st Ave. S.E.  
 Bellevue, WA 98008  
 Phone: (206) 835-2727  
 Fax: (206) 835-2788

**WALL P SOUTH : ELEVATION**  
 1-405 BELLEVUE DIRECT ACCESS  
 SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
 FED. AID PROJECT No. STP-UJ-4053(843)

Date:	7/22/03
Scale:	1 : 10
Drawn By:	ST
Job:	03-014
Sheet:	RW4
Sheet	01



CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. W...  
 DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**

THE DESIGN OF ALL MSE PLUS<sup>SM</sup> WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS<sup>SM</sup> RETAINING WALLS AND THE PROJECT BID DOCUMENTS

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS<sup>SM</sup> STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

FOR "AS CONSTRU  
 PLANS" ONLY

DESIGNED BY	DATE	REVISION	BY
F. CAHILL	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

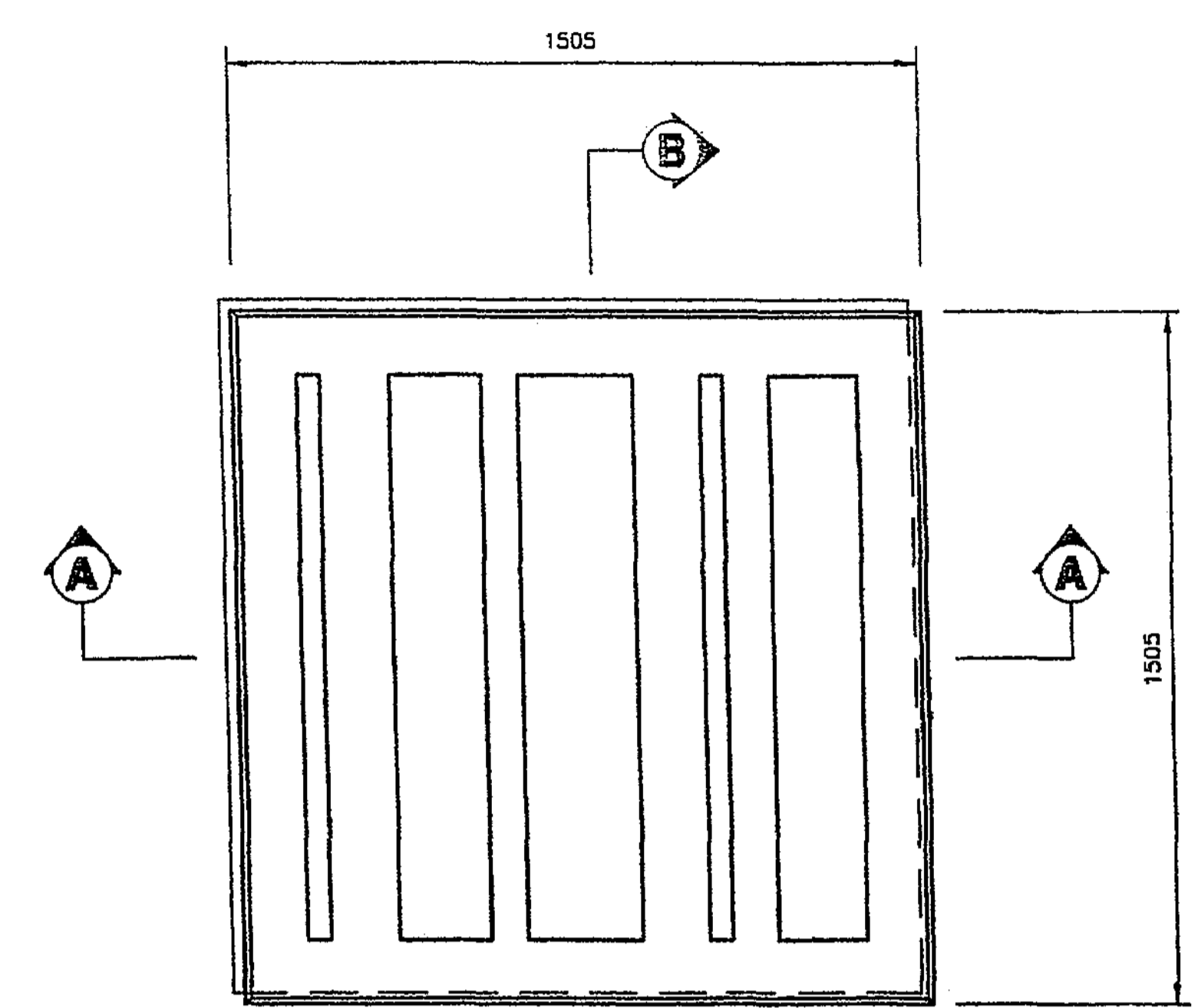


I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ret Wall P South  
 RWSA  
 390A  
 1152 SHEETS

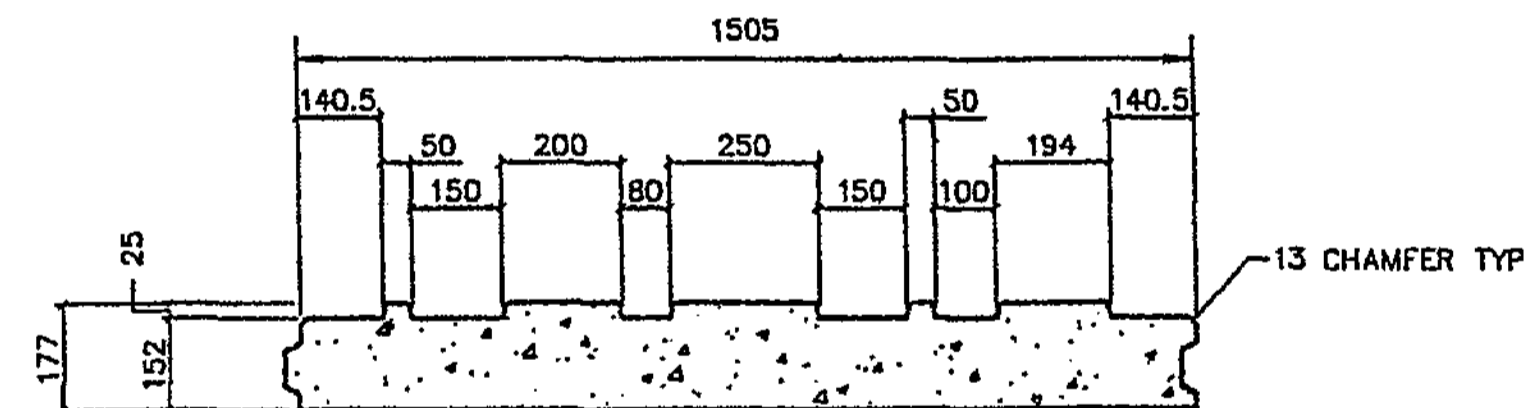


11/21/2002 09:28:50 AM PLOT4 c:\pwtemp\dms00355\4s004\_c2.dgn

G:\2004\Clients\Drawings\SSL\1-405\_Bellevue\1-405.dwg, 1/23/04 09:10:40 PWT, PWT

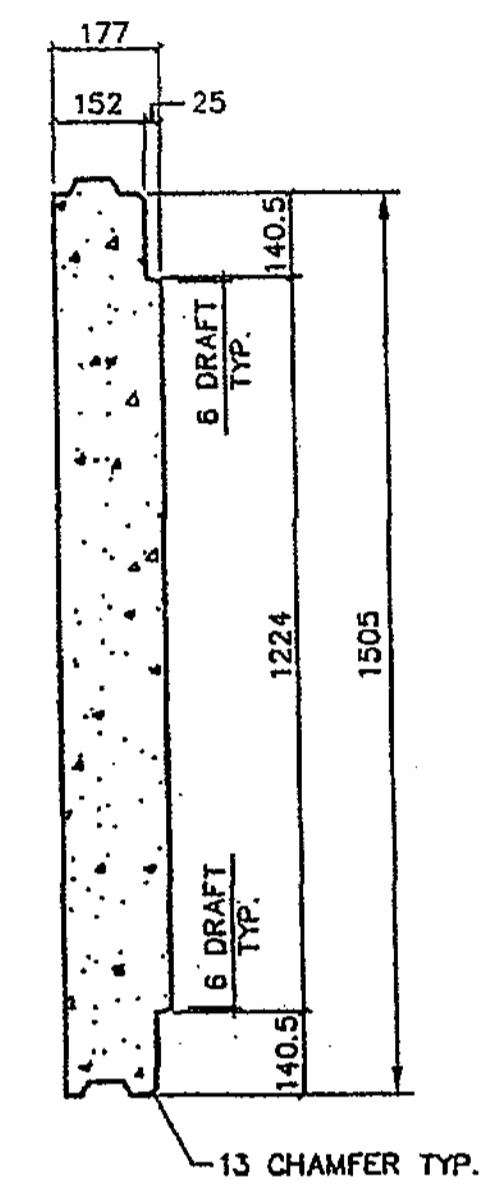


**TYPE 'C'**  
**ARCHITECTURAL PANEL DETAIL**  
 (FRONT FACE SHOWN)  
 TYPE "F" = TYPE "C" ROTATED 180°

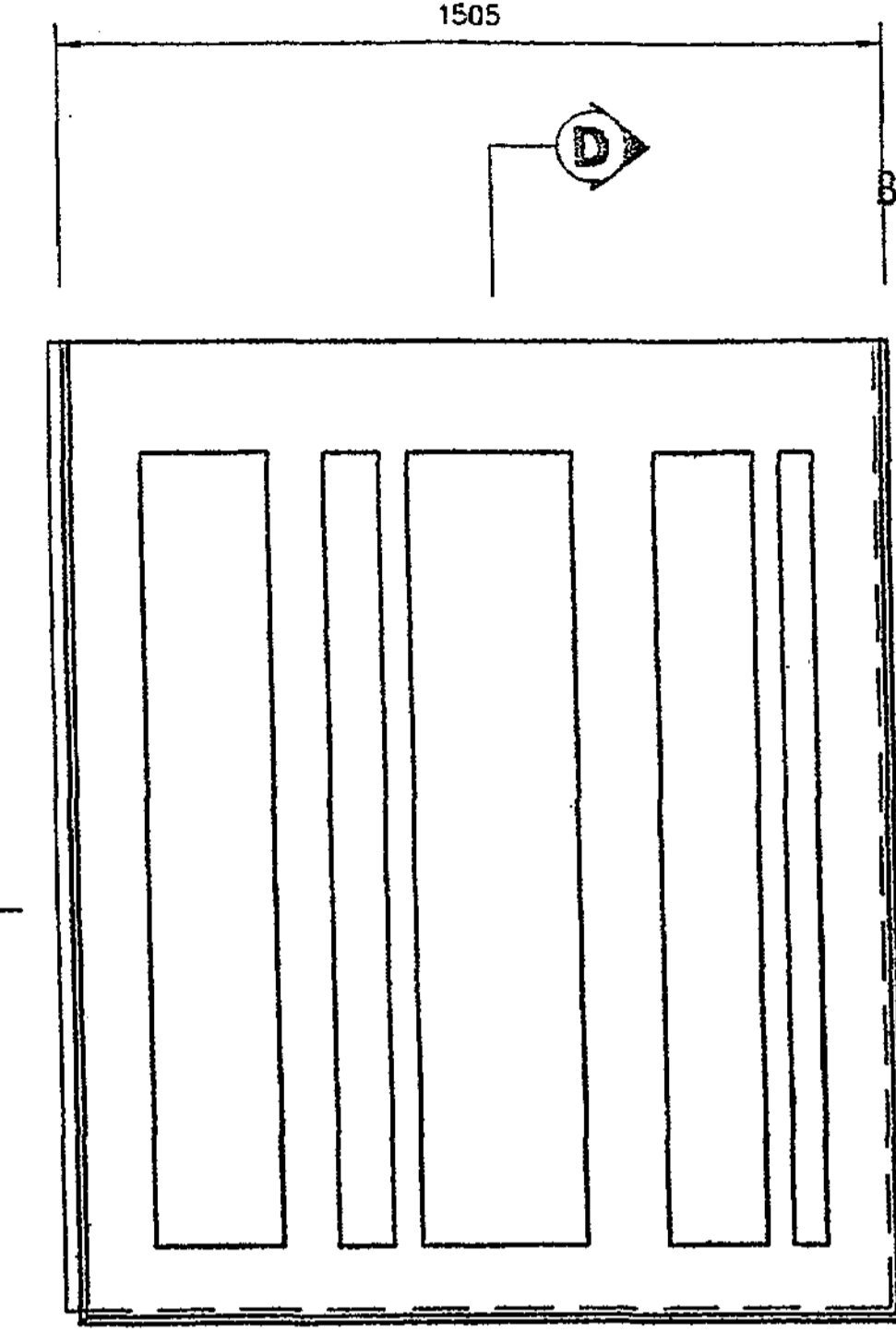


**SECTION A-A**  
 NOT TO SCALE

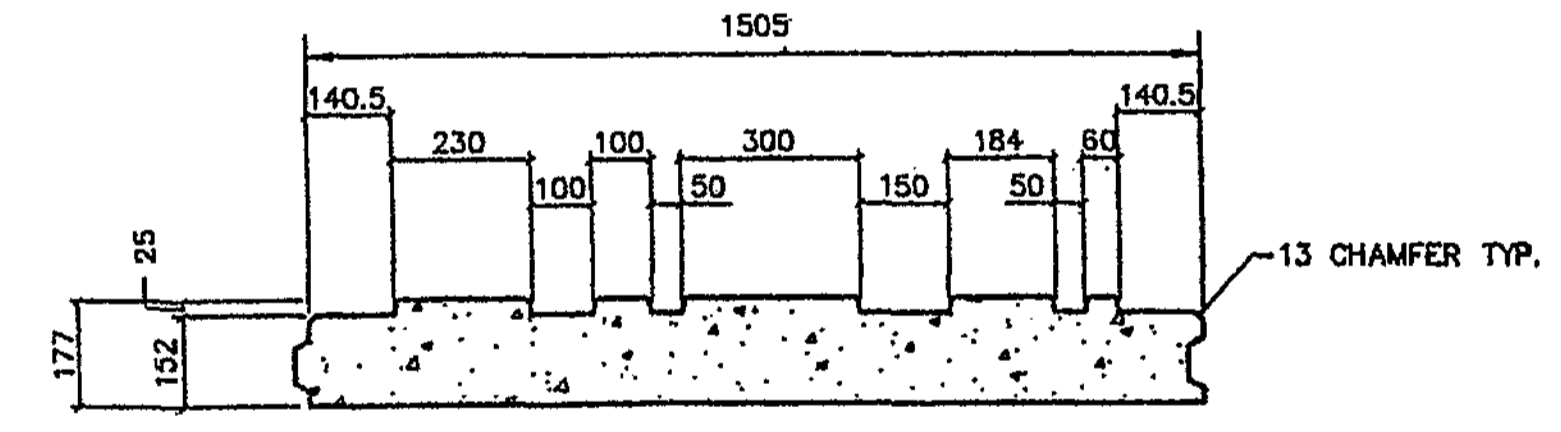
FORMLINER "C" TO BE USED ON  
 TYPE "C", "XC" AND "T4" PANELS.  
  
 FORMLINER "F" TO BE USED ON  
 TYPE "F" AND "XF" PANELS.



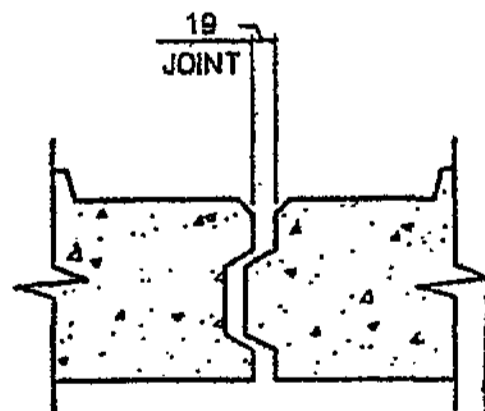
**SECTION B-B**  
 NOT TO SCALE



**TYPE 'T6'**  
**ARCHITECTURAL PANEL DETAIL**  
 (FRONT FACE SHOWN)



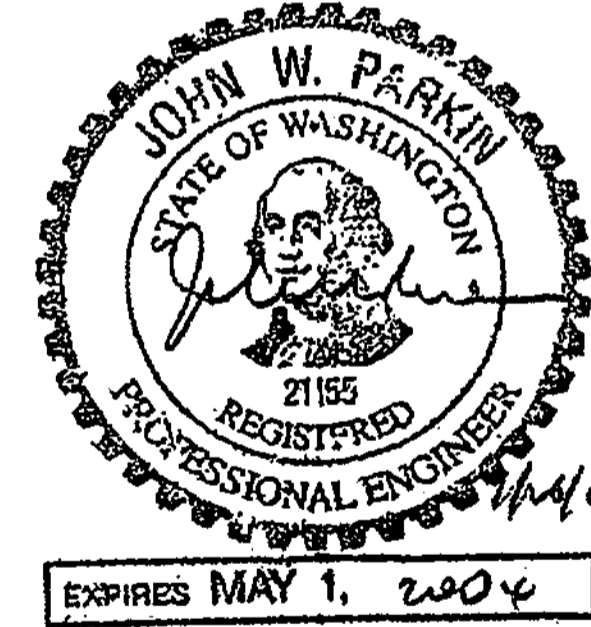
**SECTION C-C**  
 NOT TO SCALE



**JOINT DETAIL**  
 NOT TO SCALE

CONTR. NO. C-6529  
 OFFICE COPY  
 CHKD. BY M. W.  
 DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE JAN 31 2004



THE DESIGN OF ALL MSE PLUS® WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS® RETAINING WALLS AND THE PROJECT BID DOCUMENTS.  
  
 THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS® STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

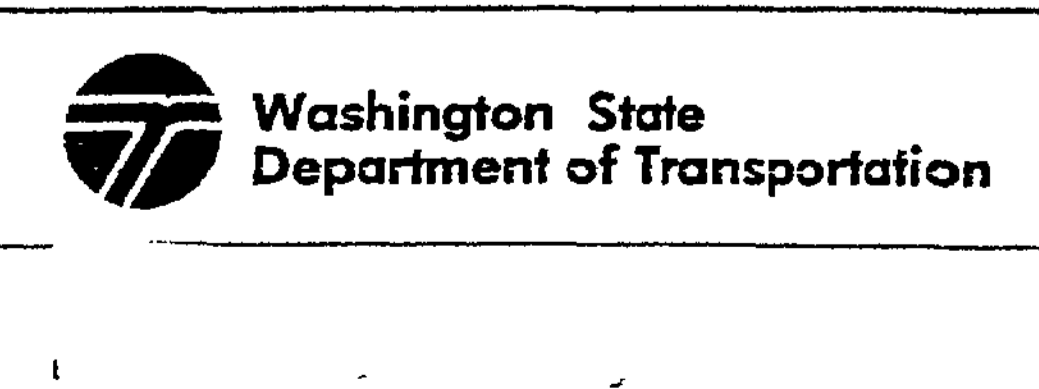
DATE	1/22/03
Scale	1:10
Drawn By	JST
Job	03-014
Sheet	RW3A
Sheet	Of

**SSL**  
 Specializing in Construction Products  
 5005 Valley Way, Suite 200  
 1740 South Valley Way, Suite 172  
 South Valley, California 90066  
 Phone: (818) 341-2722  
 Fax: (818) 341-2728

**Just Drafting Services**  
 19335 Valley Way  
 Everett, WA 98203  
 Phone: (425) 249-1000  
 Fax: (425) 249-2000

DESIGNED BY	12/02	REGION NO.	STATE	FED. AID PROJ. NO.
F. CAHILL		10	WASH	
ENTERED BY	12/02	JOB NUMBER		
H. TRAN		02A012		
CHECKED BY	12/02	CONTRACT NO.		
I. HASAYEN				
PROJ. ENGR.	12/02			
D. CIERI				
REGIONAL ADM.	12/02			
D. DYE				
DATE	DATE	REVISION	BY	

**FOR "AS CONSTRUCTED PLANS" ONLY**



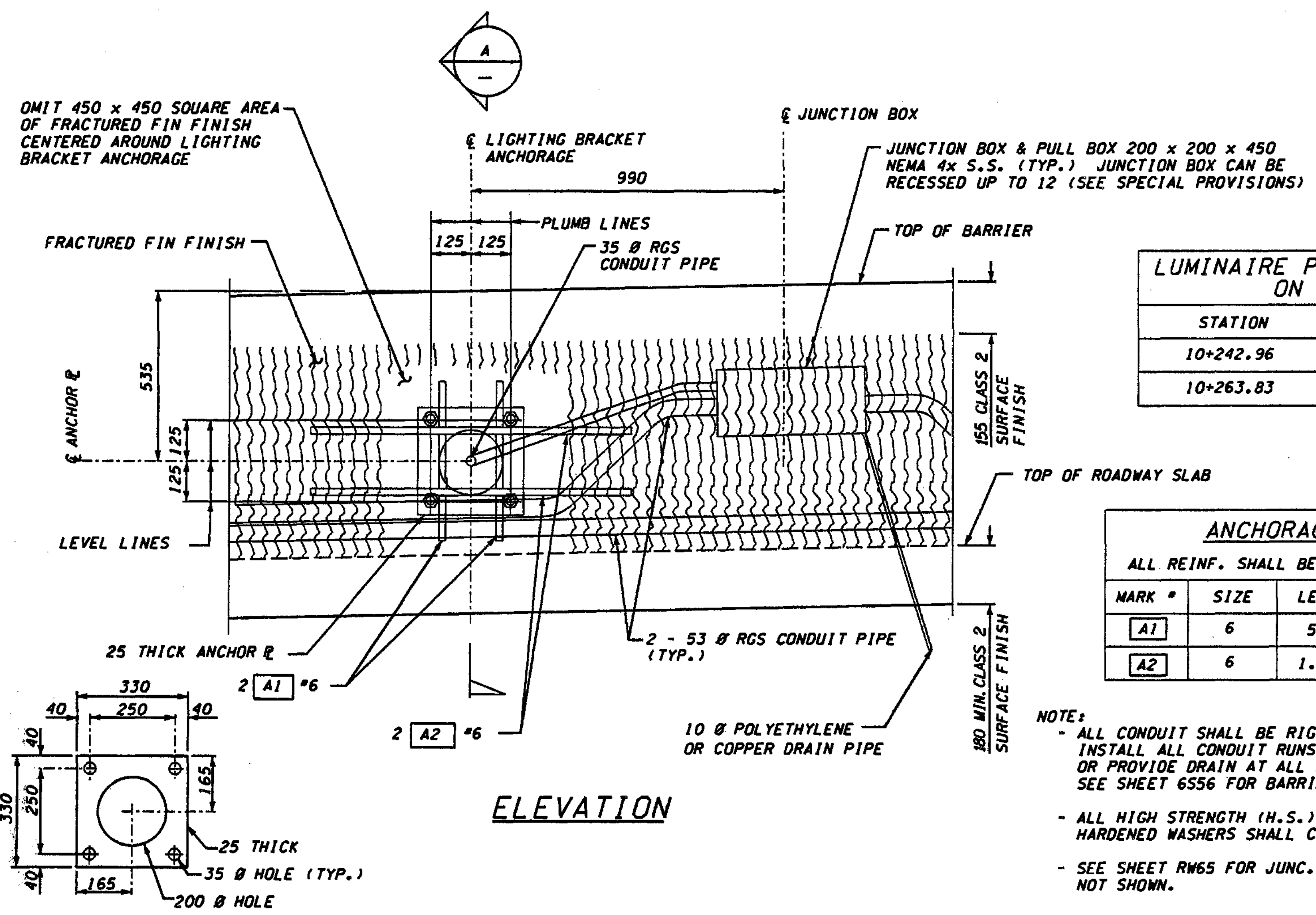
1 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ret Wall P South

SHEET NO.  
**RW5B**  
**390B**  
**1152**  
 SHEETS





SR\_405\_JOB\_NO. SHEET Administrator 11/22/2002 11:20:54 AM  
 h:\2016-ae\11\dgn\C2\FINAL\RW006\_C2.dgn



**LUMINAIRE POLE LOCATION ON WALL**

STATION	OFFSET
10+242.96	12.100 LT.
10+263.83	8.200 RT.

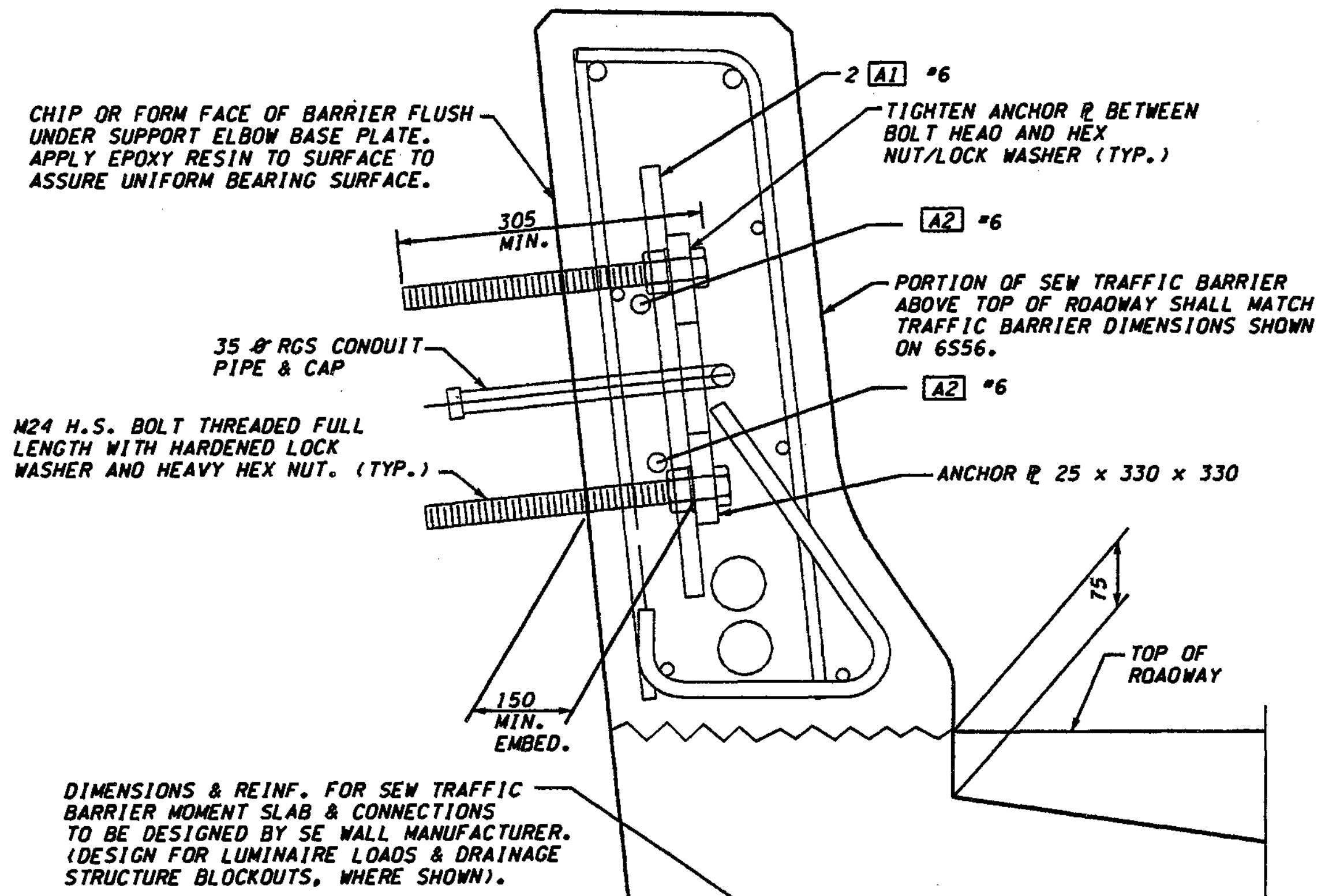
**ANCHORAGE BARLIST**

ALL REINF. SHALL BE AASHTO M31, GRADE 60.

MARK #	SIZE	LENGTH	BEND TYPE
A1	6	535	STRAIGHT
A2	6	1.500	STRAIGHT

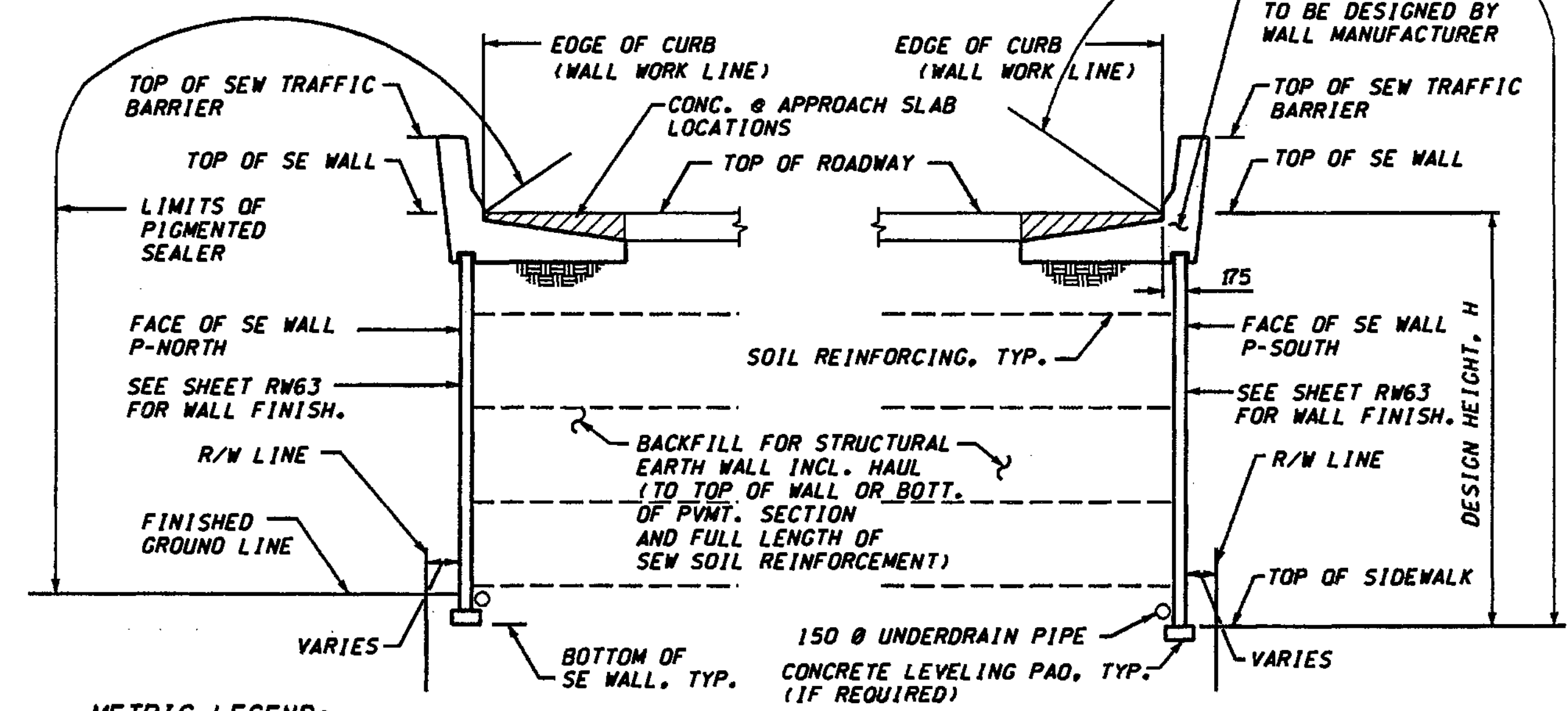
**NOTE:**

- ALL CONDUIT SHALL BE RIGID GALVANIZED STEEL (RGS). INSTALL ALL CONDUIT RUNS TO DRAIN TO A WALL END OR PROVIDE DRAIN AT ALL LOW POINTS WITHIN CONDUIT RUN. SEE SHEET 6556 FOR BARRIER DIMENSIONS.
- ALL HIGH STRENGTH (H.S.) BOLTS SHALL BE AASHTO M164N. HARDENED WASHERS SHALL CONFORM TO AASHTO M 293.
- SEE SHEET RW65 FOR JUNC. BOX & CONDUIT DETAILS NOT SHOWN.



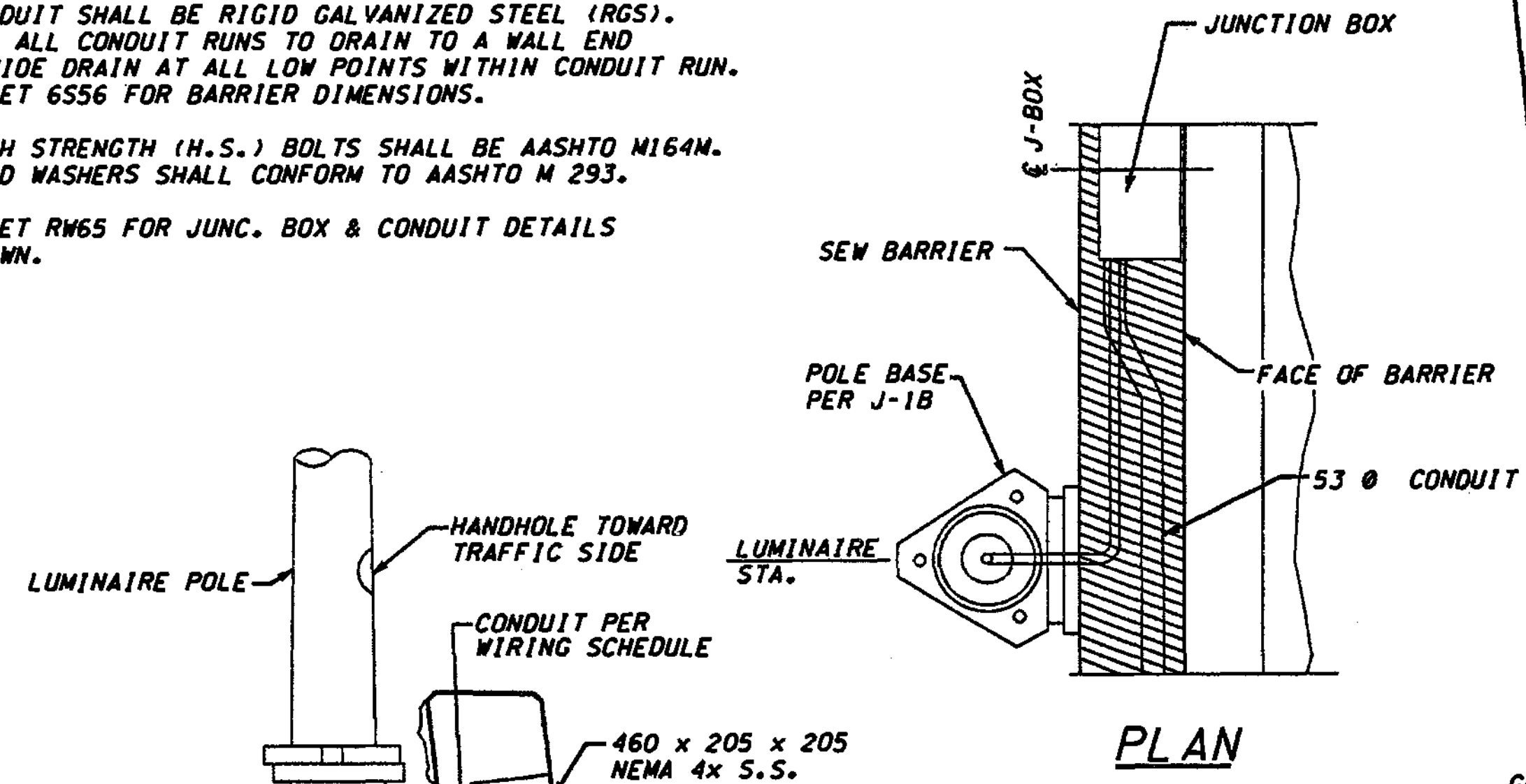
**DIMENSIONS & REINF. FOR SEW TRAFFIC BARRIER MOMENT SLAB & CONNECTIONS TO BE DESIGNED BY SE WALL MANUFACTURER. (DESIGN FOR LUMINAIRE LOADS & DRAINAGE STRUCTURE BLOCKOUTS, WHERE SHOWN).**

**ANCHOR PLATE**  
GALVANIZE PER AASHTO M 111



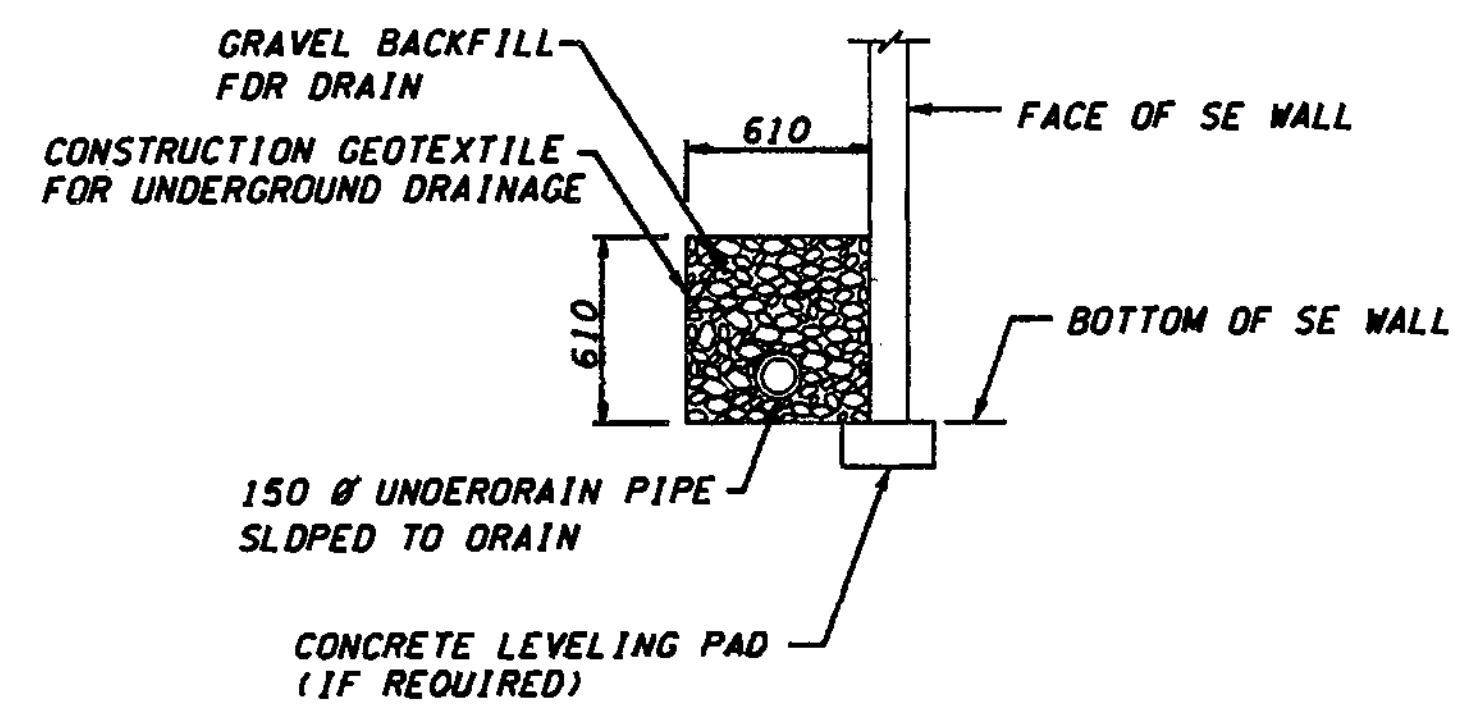
**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

**TYPICAL SECTION - SE WALL**  
(LOOKING AHEAD ON STATION.)



**TYPICAL SECTION THROUGH LUMINAIRE SUPPORT**

**SECTION A**



**DRAIN PIPE DETAIL**

FOR "AS CONSTRUCTED" PLANS ONLY

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR				10	WASH	
DESIGNED BY	A.K.F.	12/02		JOB NUMBER		
ENTERED BY	H.N.	12/02		02A012		
CHECKED BY	R.K.M.	12/02		CONTRACT NO.		
PROJ. ENGR.	D. CIERI	12/02				
REGIONAL ADM.	L. ENG	12/02				
DATE	DATE	REVISION	BY			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

LIN & ASSOCIATES, INC. Consulting Engineers

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

RETAINING WALL P SOUTH

BRIDGE SHEET NO. RW6

SHEET 391 OF 1152 SHEETS

J4 TUE 13:05 FAI 425 649 4429 DOT-412244 OSCBRIDGE 4004  
 4253488486 -> ATKINSON - BELLEVUE : Page 2  
 AUG-27-2004 16:27 KLB CONSTRUCTION 4253488485 P.02/02  
 FROM : FAX NO. : 4157915517 FAX 26 3884 10:43AM P1

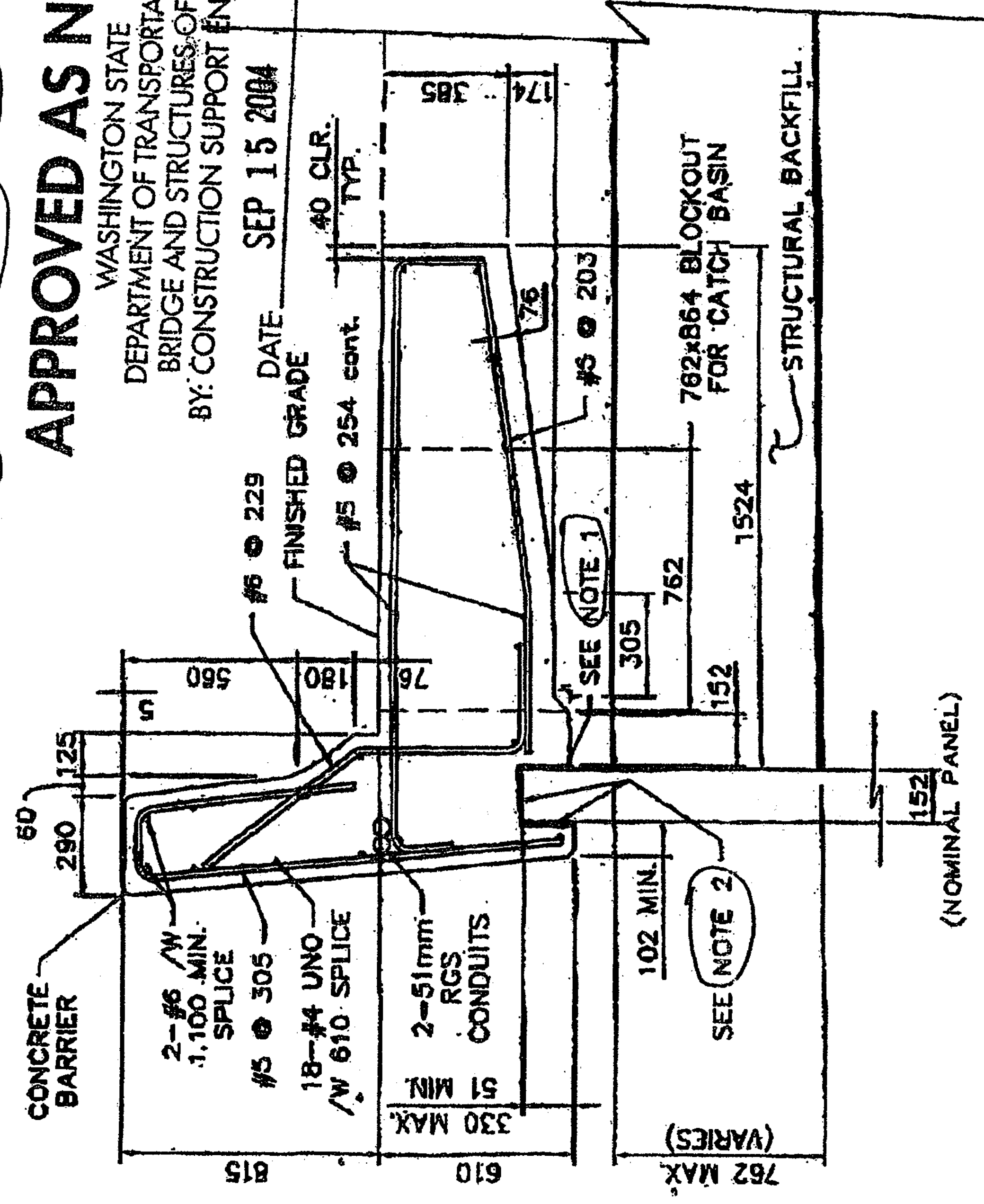
CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. hbr  
 DATE 9-14-2004  
 APPROVED AS NOTED  
 RETURNED FOR CORRECTION

NOTE:  
 1. 25.4 mm STYROFOAM OR APPROVED COMPRESSIBLE MATERIAL ON INTERIOR SLAB.  
 2. 25.4 mm EXPANSION JOINT MATERIAL OR APPROVED EQUAL ON EXTERIOR SLAB AND TOP

**APPROVED AS NOTED**

WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER

DATE SEP 15 2004

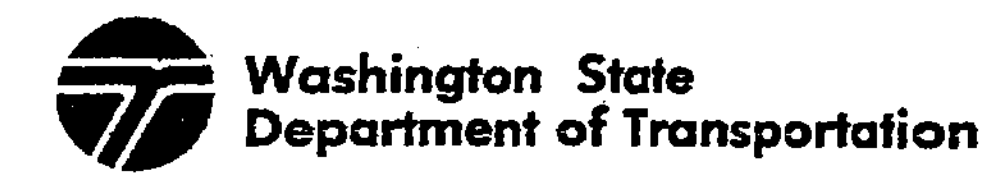


**ALTERNATE BARRIER DETAIL**

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	DATE	REVISION	BY
F. CAHILL	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		

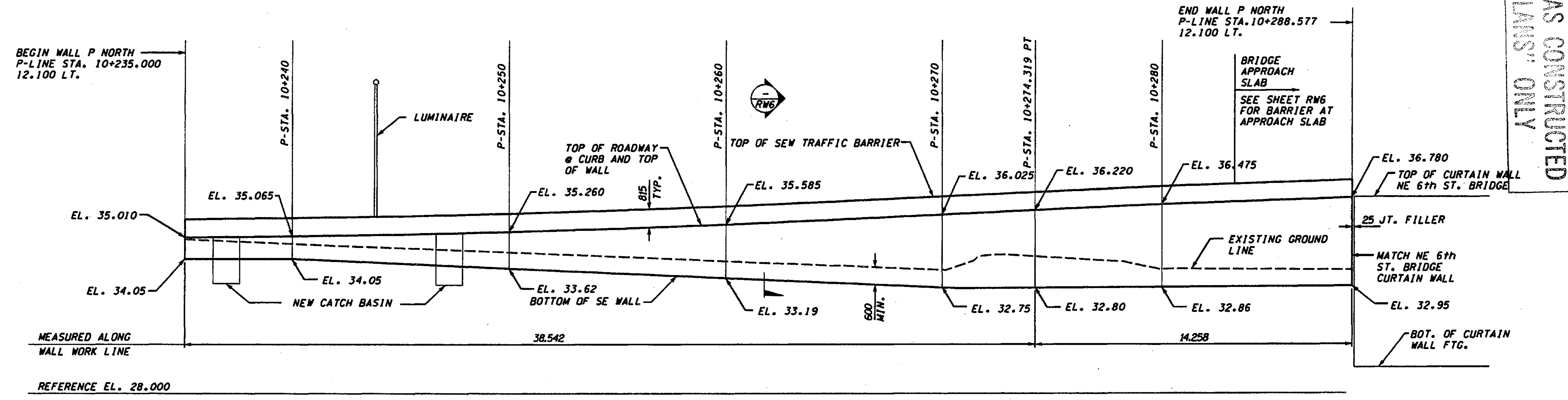
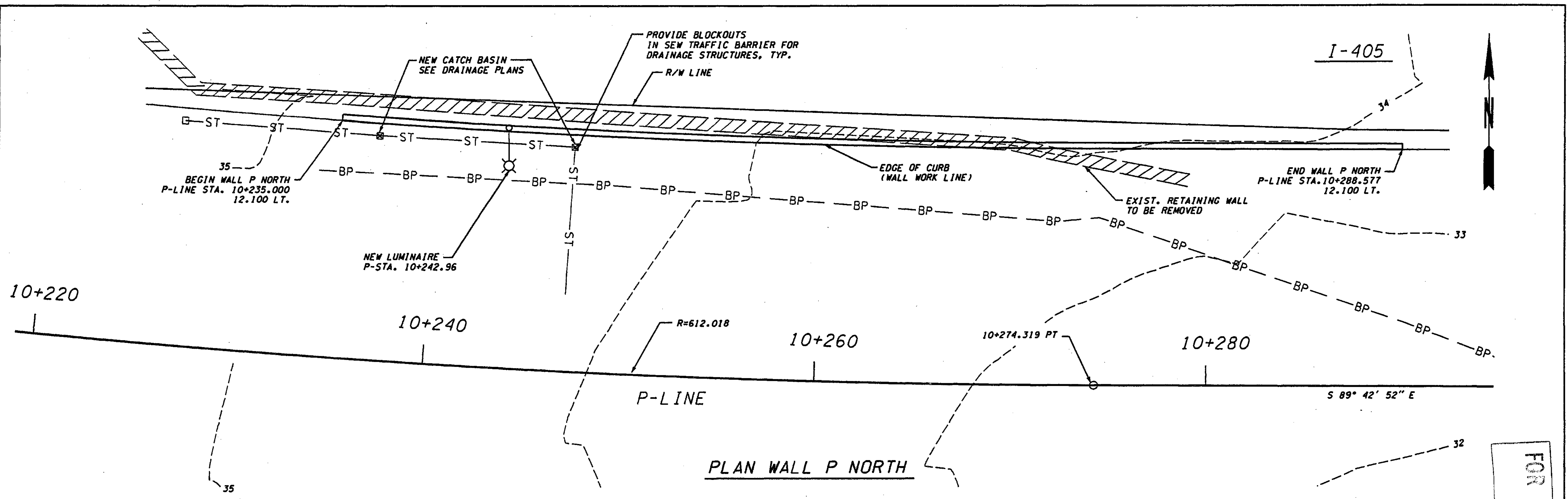


I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ret Wall P South  
 391/5A  
 1152 SHEETS



h:\2016-oe\i\dgn\C2-FINAL\RW007\_C2.dgn

SR 405 JOB NO. SHEET Administrator 11/22/2002 11:21:26 AM



**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

**REFLECTED DEVELOPED ELEVATION - WALL P NORTH**  
 (VIEW LOOKING NORTH)

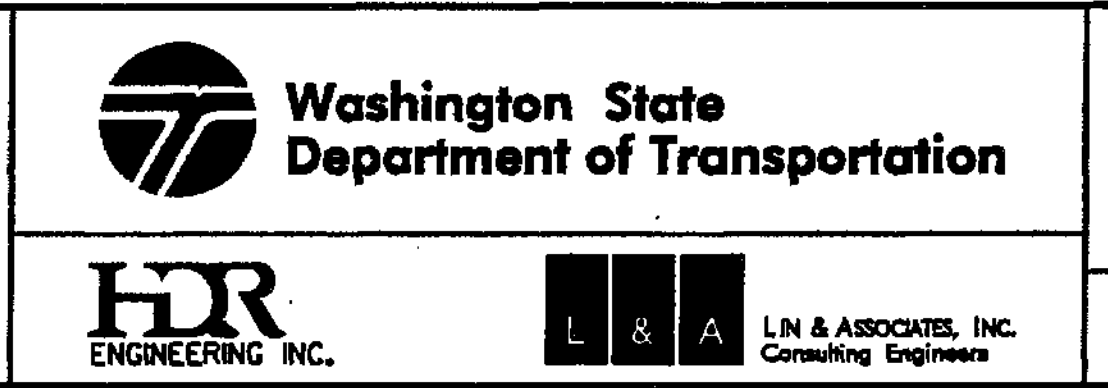
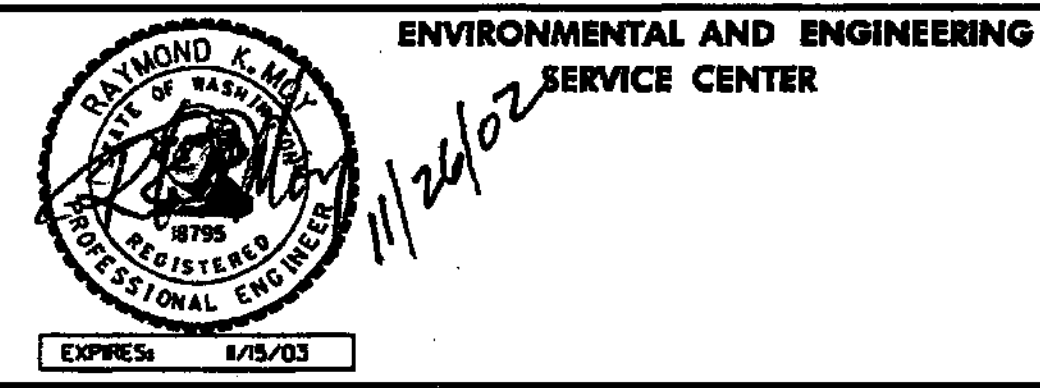
0 2 4  
 SCALE IN METERS

**NOTE:**  
 ELEVATIONS NOT SHOWN SHALL BE ESTABLISHED BY STRAIGHT LINE INTERPOLATION BETWEEN ELEVATIONS SHOWN.

FOR "AS CONSTRUCTED PLANS" ONLY

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR				10	WASH	
DESIGNED BY	A.K.F.	12/02		JOB NUMBER		
ENTERED BY	H.N.	12/02		02A012		
CHECKED BY	R.K.M.	12/02		CONTRACT NO.		
PROJ. ENGR.	D. CIERI	12/02				
REGIONAL ADM.	L. ENG	12/02				
	DATE	DATE	REVISION	BY		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



BRIDGE SHEET NO. RW7

1 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

RETAINING WALL P NORTH

SHEET 392  
 1152  
 SHEETS



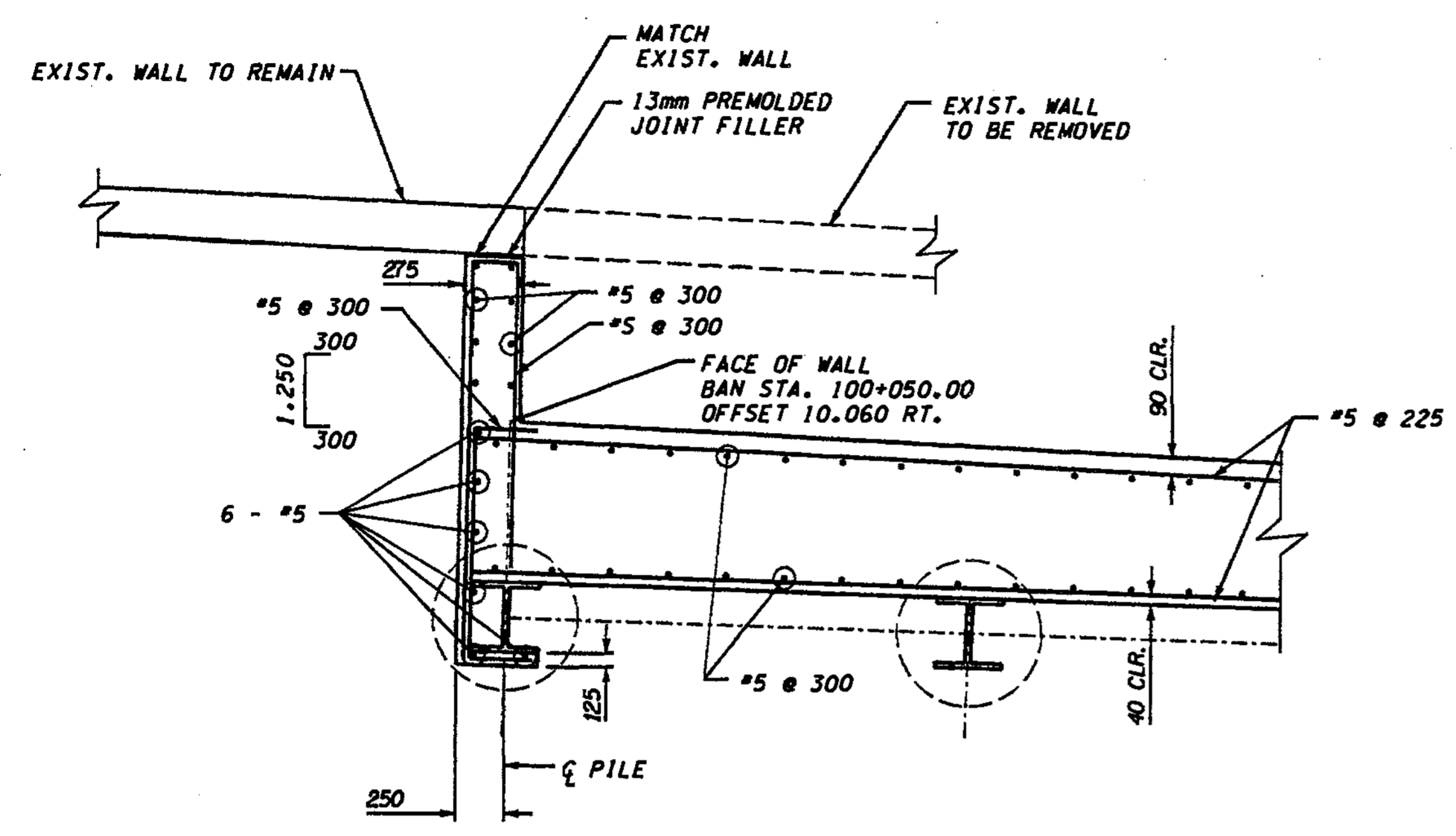




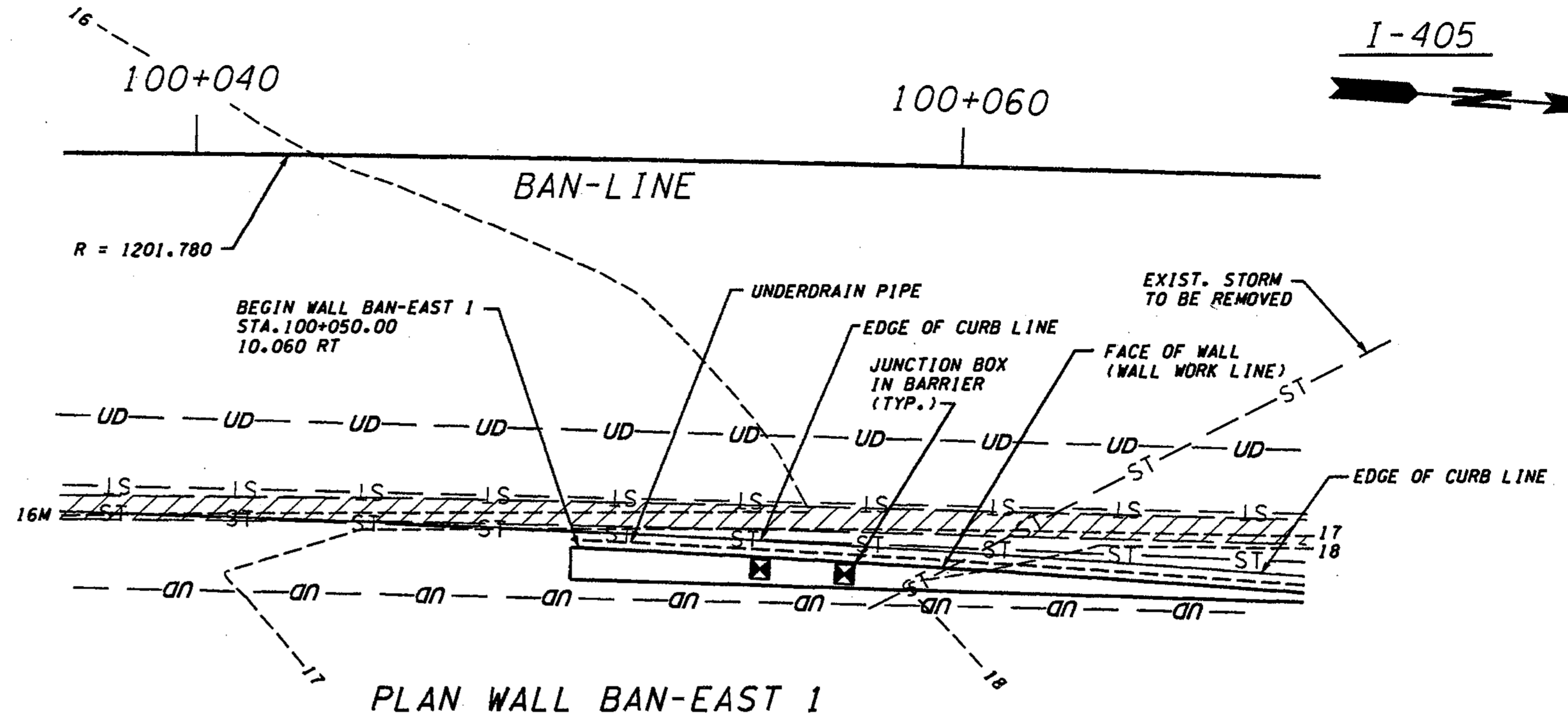




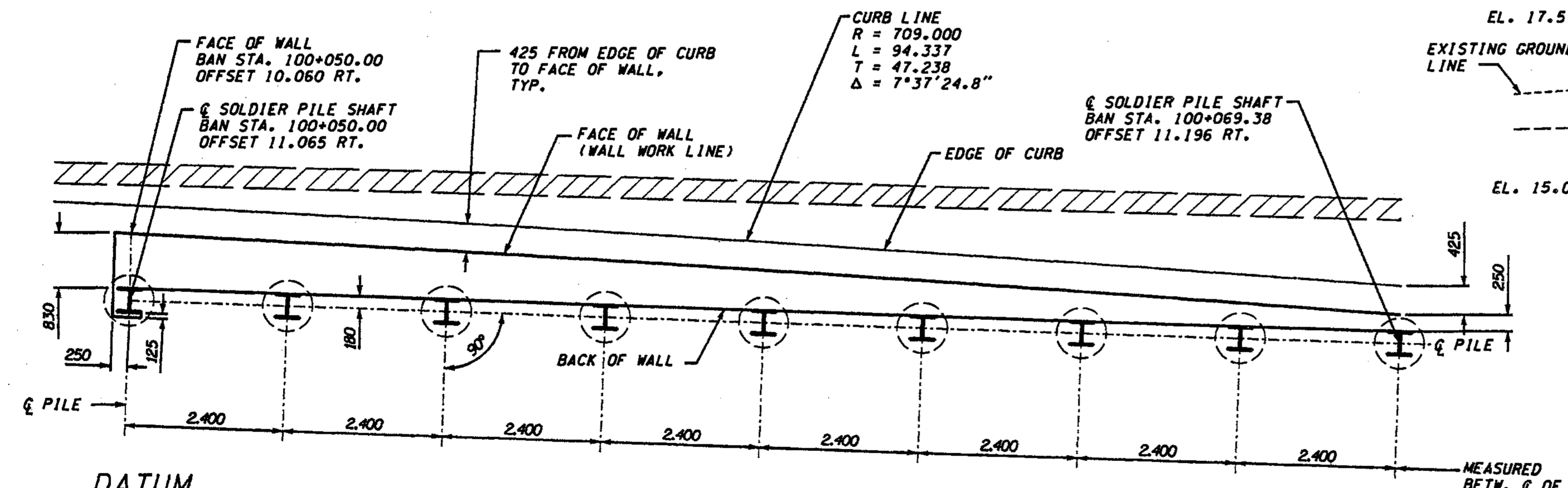
SR 405 JOB NO. SHEET Administrator 11/22/2002 11:21:51 AM h:\2016-ael\1\dgn\C2\FINAL\RW08\_C2.dgn



**WALL BAN-EAST 1  
WALL BEGINNING DETAIL**



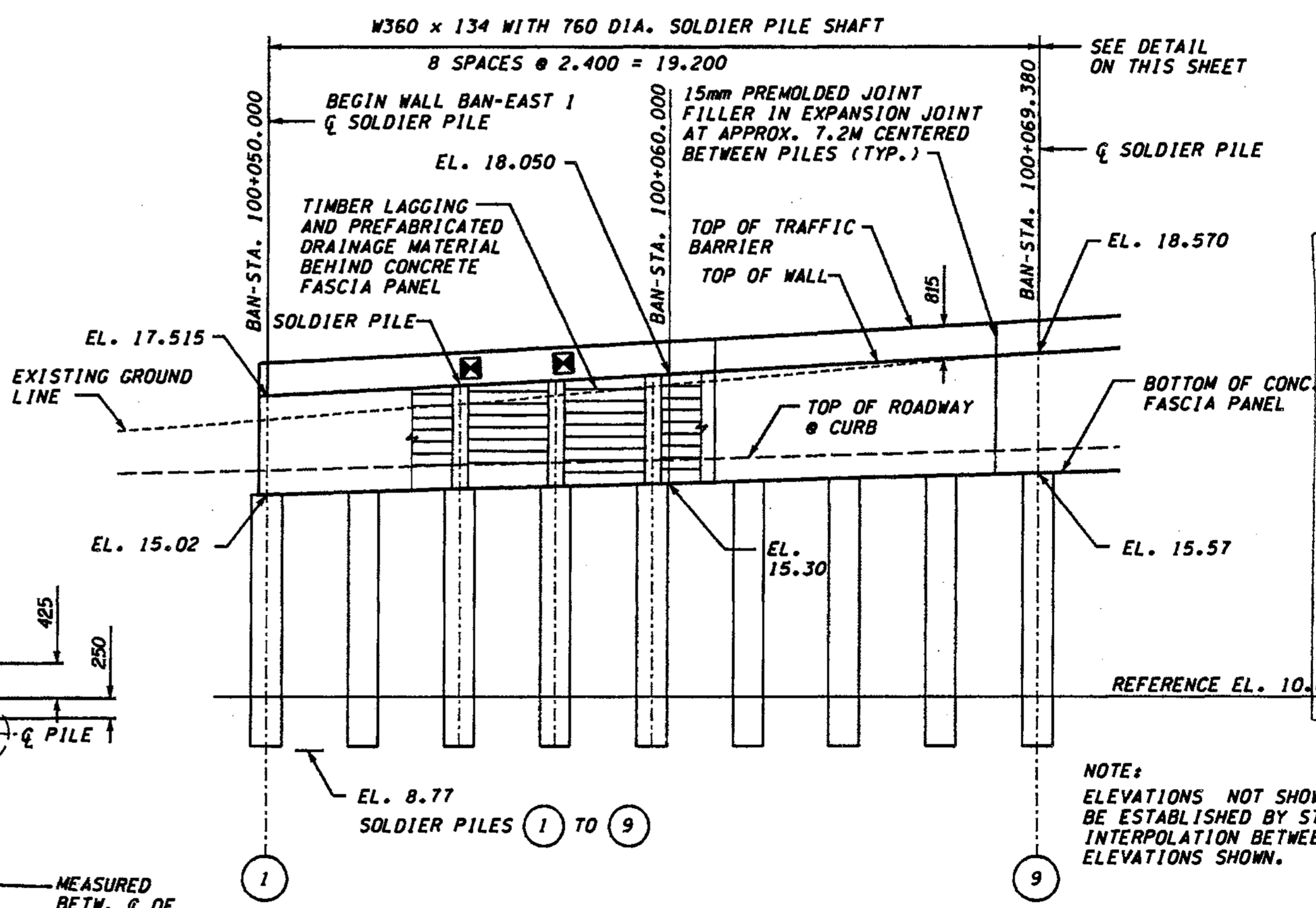
**PLAN WALL BAN-EAST 1**



**WALL BAN-EAST 1 - DETAIL**

**DATUM**  
NAVD OF 1988

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS



**DEVELOPED ELEVATION - WALL BAN-EAST 1  
(VIEW LOOKING WEST)**

0 2 4  
SCALE IN METERS

**FOR "AS CONSTRUCTED  
PLANS" ONLY**

**NOTE:**  
ELEVATIONS NOT SHOWN SHALL  
BE ESTABLISHED BY STRAIGHT LINE  
INTERPOLATION BETWEEN  
ELEVATIONS SHOWN.

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY A.K.F.	12/02	JOB NUMBER	02A012	
ENTERED BY H.N.	12/02	CONTRACT NO.		
CHECKED BY R.K.M.	12/02	DATE	DATE	REVISION
PROJ. ENGR. D. CIERI	12/02			BY
REGIONAL ADM. L. ENG	12/02			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/26/02

Washington State Department of Transportation

L & A L & A ASSOCIATES, INC. Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

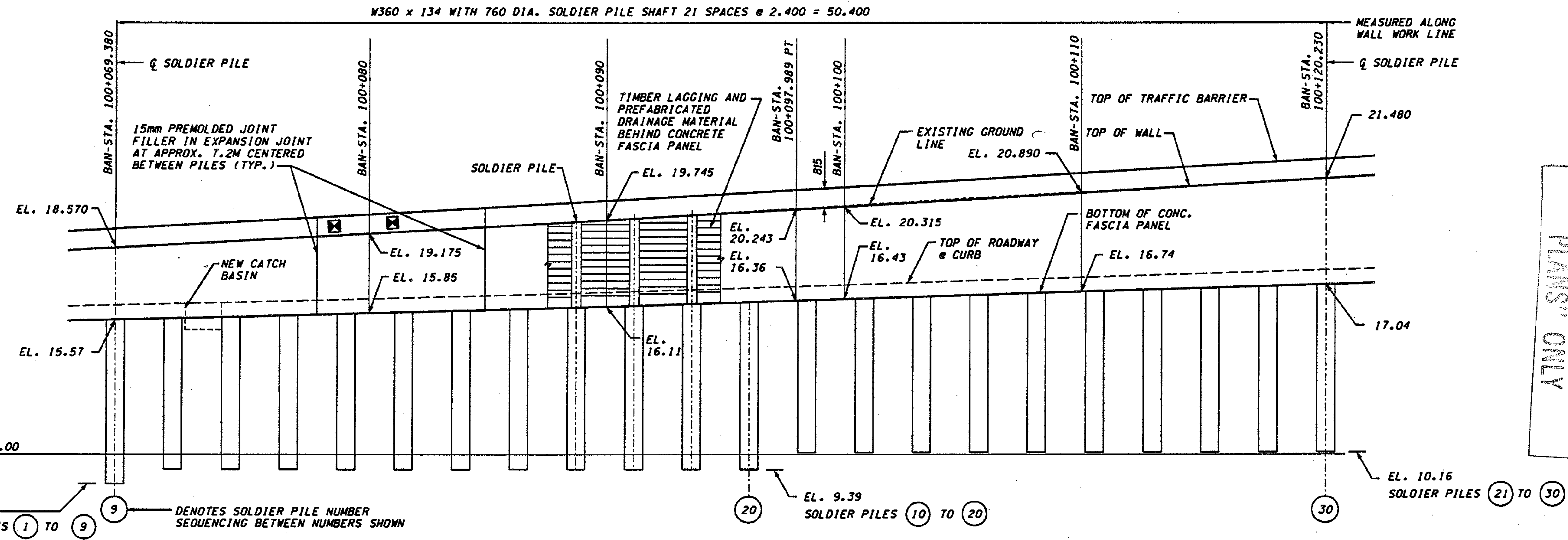
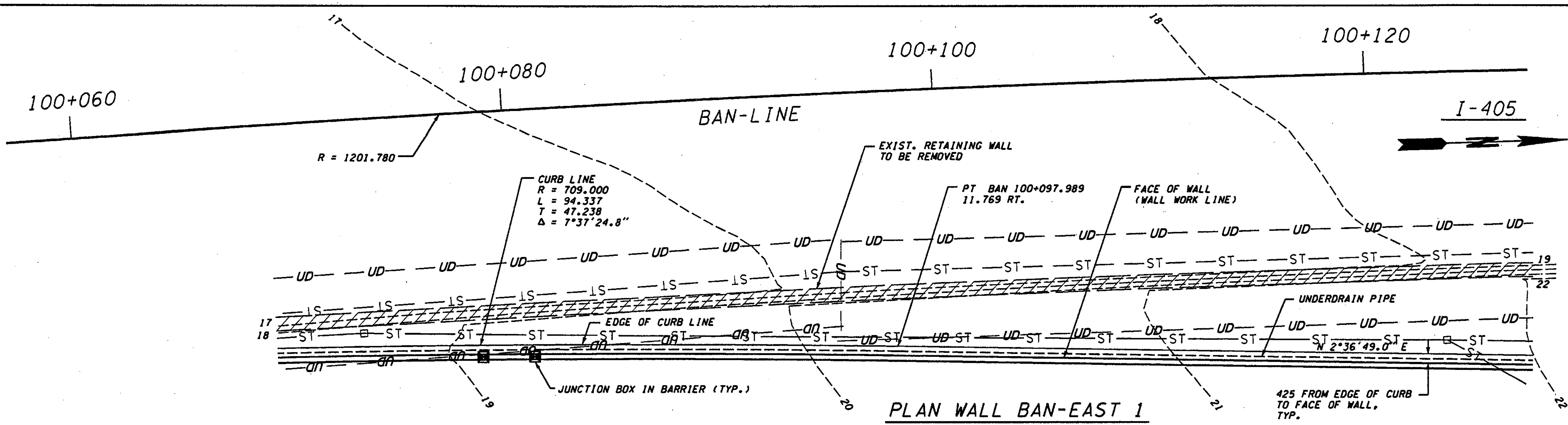
RETAINING WALL BAN EAST 1

BRIDGE SHEET NO. RW8

SHEET 393 OF 1152 SHEETS

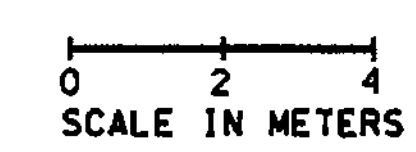
h:\2016-ae\1\1\dgn\C2\C2-FINAL\RW009\_C2.dgn

SR 405 JOB NO. SHEET Administrator 11/22/2002 11:22:17 AM



FOR "AS CONSTRUCTED PLANS" ONLY

**DATUM**  
NAVD OF 1988  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS



**DEVELOPED ELEVATION - WALL BAN-EAST 1**  
(VIEW LOOKING WEST)

**NOTE:**  
ELEVATIONS NOT SHOWN SHALL BE ESTABLISHED BY STRAIGHT LINE INTERPOLATION BETWEEN ELEVATIONS SHOWN.

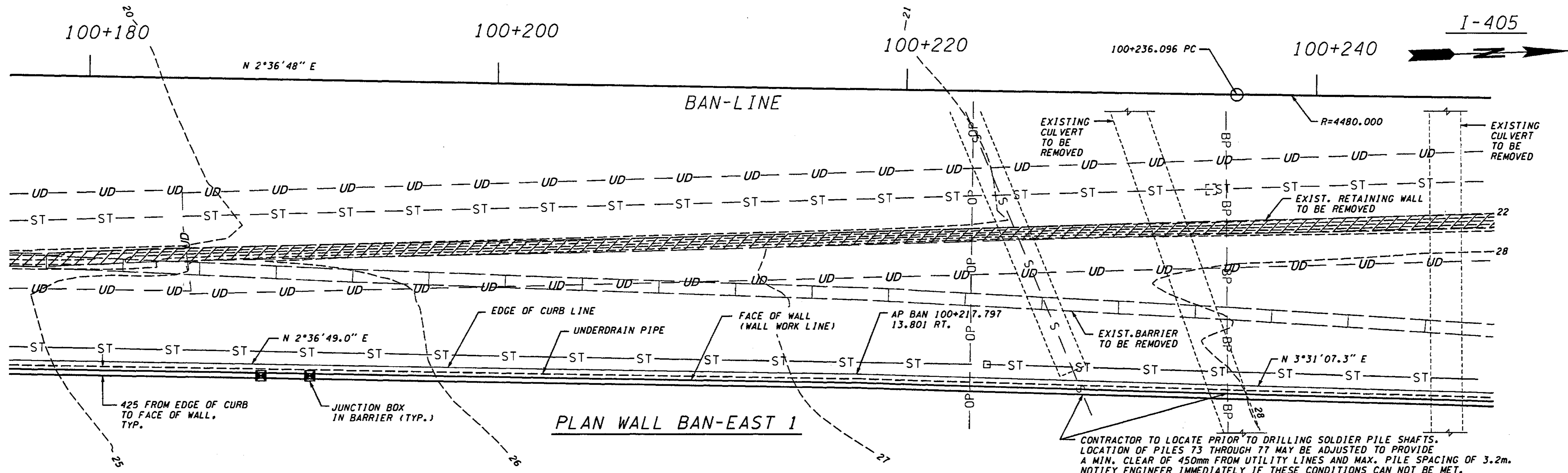
BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED.AID PROJ.NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW9
SUPERVISOR		10	WASH					
DESIGNED BY	A.K.F.	12/02					RETAINING WALL BAN EAST 1	SHEET NO. 394 OF 1152 SHEETS
ENTERED BY	H.N.	12/02						
CHECKED BY	R.K.M.	12/02						
PROJ. ENGR.	D. CIERI	12/02						
REGIONAL ADM. L. ENG		12/02						
	DATE	DATE	REVISION	BY				



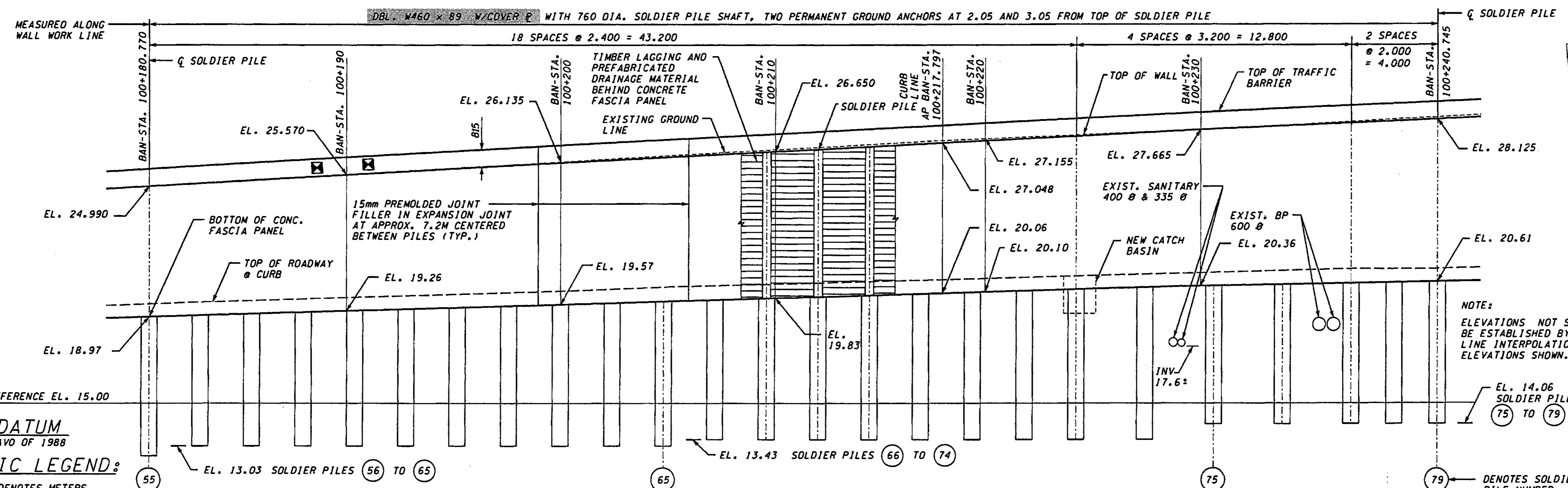


h:\2016-oe\i\dgn\C2\FINAL\RW011\_C2.dgn

SR\_405\_JOB NO. SHEET Administrator 04/25/2003



PLAN WALL BAN-EAST 1

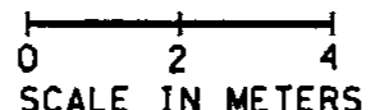


DEVELOPED ELEVATION - WALL BAN-EAST 1 (VIEW LOOKING WEST)

FOR "AS CONSTRUCTED" PLANS ONLY

**DATUM**  
NAVD OF 1988

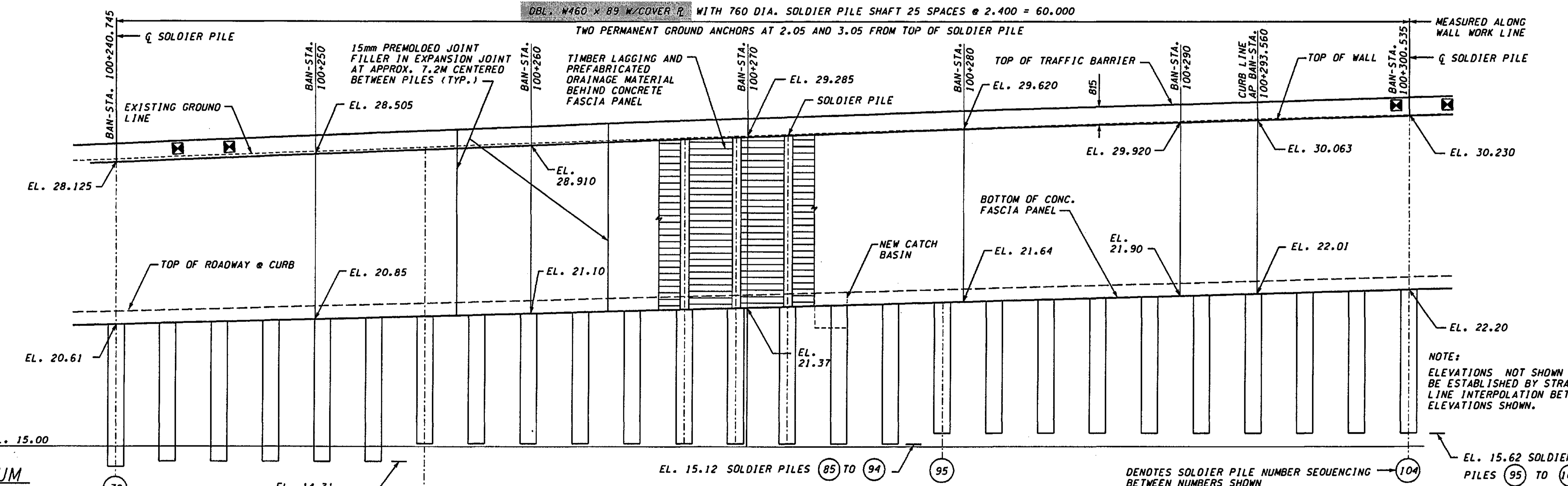
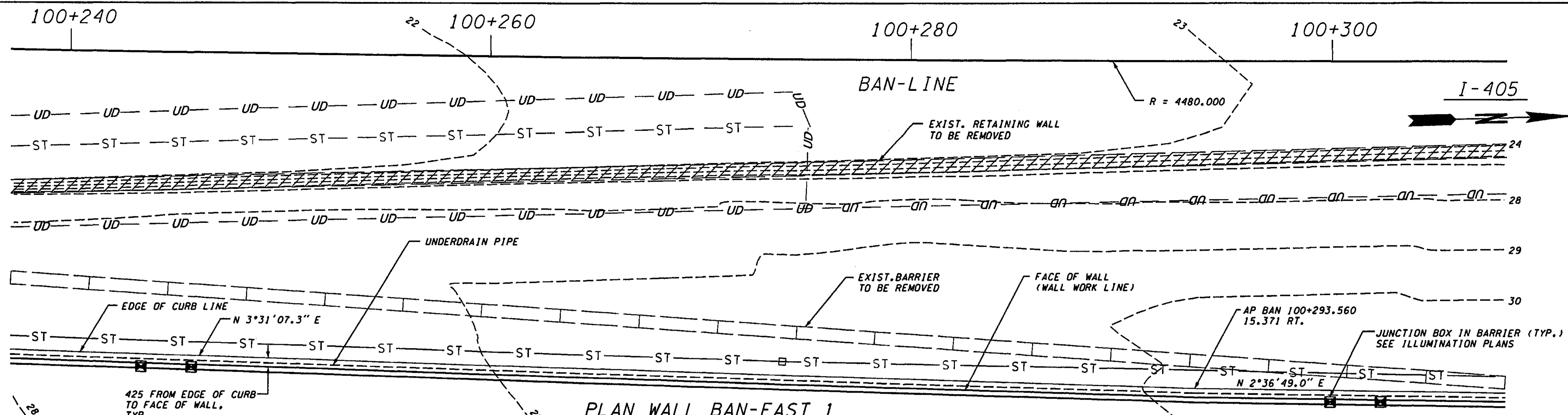
**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS



BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW11
SUPERVISOR		10	WASH					
DESIGNED BY	A.K.F.	12/02					SHEET 396 OF 1152 SHEETS	
ENTERED BY	H.N.	12/02						
CHECKED BY	R.K.M.	12/02						
PROJ. ENGR.	D. CIERI	12/02	4/24/03	SOLDIER PILE MODIF.	AF			
REGIONAL ADM.	L. ENG	12/02	4/11/03	SOLDIER PILE CHANGE	AF			
DATE	DATE	DATE	DATE	REVISION	BY			

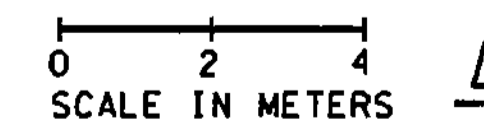


SR 405 JOB NO. SHEET Administrator 04/25/2003 h:\2016-oe\i\dgn\C2\FINAL\RW012\_C2.dgn



**DATUM**  
NAVD OF 1988

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS



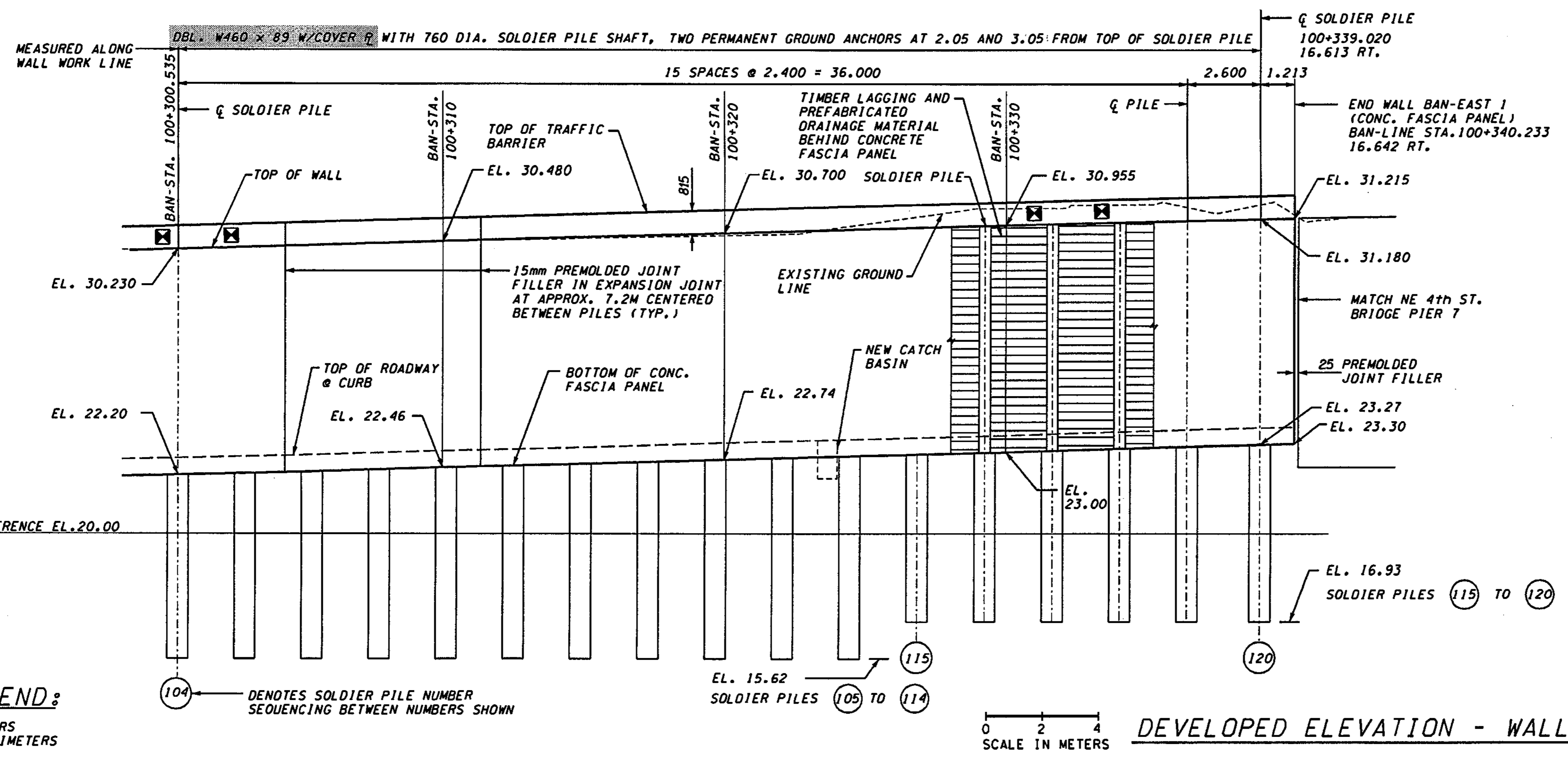
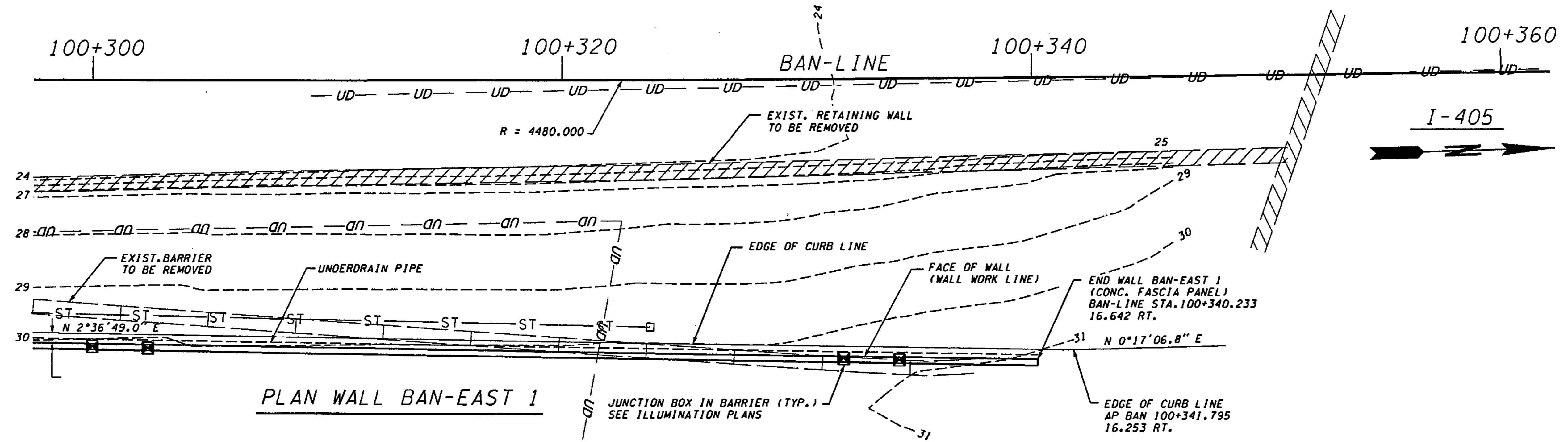
**DEVELOPED ELEVATION - WALL BAN-EAST 1**  
(VIEW LOOKING WEST)

**FOR "AS CONSTRUCTED PLANS" ONLY**

BRIDGE DESIGN ENGR.		REGION NO.		STATE		FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		Washington State Department of Transportation		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.		BRIDGE SHEET NO. RW12	
SUPERVISOR		10		WASH				JOB NUMBER O2A012		HDR ENGINEERING INC.		RETAINING WALL BAN EAST 1		SHEET 397 OF 1152 SHEETS	
DESIGNED BY A.K.F.		12/02						CONTRACT NO.		LIN & ASSOCIATES, INC. Consulting Engineers					
ENTERED BY H.N.		12/02													
CHECKED BY R.K.M.		12/02		4/24/03		SOLDIER PILE MODIF.		AF							
PROJ. ENGR. D. CIERI		12/02		4/11/03		SOLDIER PILE CHANGE		AF							
REGIONAL ADM. L. ENG		12/02		4/11/03		SOLDIER PILE CHANGE		AF							
DATE		DATE		REVISION		BY									

h:\2016-ael\i\Dgn\C2-FINAL\RW013\_C2.dgn

SR\_405\_JOB NO. SHEET Administrator 04/25/2003



WALL BAN EAST 1 JUNCTION BOX LOCATIONS		
STATION	OFFSET	TYPE
100+055.00	10.215 RT.	SPARE
100+057.40	10.300 RT.	SPARE
100+078.60	11.180 RT.	SPARE
100+081.00	11.295 RT.	SPARE
100+133.60	13.735 RT.	SPARE
100+136.00	13.800 RT.	SPARE
100+188.60	14.225 RT.	SPARE
100+191.00	14.225 RT.	SPARE
100+243.60	14.640 RT.	SPARE
100+246.00	14.685 RT.	SPARE
100+300.00	15.885 RT.	LT
100+302.40	15.920 RT.	SPARE
100+331.00	16.435 RT.	LT
100+333.40	16.495 RT.	SPARE

FOR "AS CONSTRUCTED  
PLANS" ONLY

NOTE:  
ELEVATIONS NOT SHOWN SHALL BE ESTABLISHED  
BY STRAIGHT LINE INTERPOLATION BETWEEN  
ELEVATIONS SHOWN.

**DATUM**  
NAVD OF 1988

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

104 DENOTES SOLDIER PILE NUMBER  
SEQUENCING BETWEEN NUMBERS SHOWN

EL. 15.62 SOLDIER PILES 105 TO 114

EL. 16.93 SOLDIER PILES 115 TO 120

0 2 4  
SCALE IN METERS

**DEVELOPED ELEVATION - WALL BAN-EAST 1**  
(VIEW LOOKING WEST)

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW13
SUPERVISOR				10	WASH						
DESIGNED BY	A.K.F.	12/02									
ENTERED BY	H.N.	12/02									
CHECKED BY	R.K.M.	12/02									
PROJ. ENGR.	D. CIERI	12/02	4/24/03	SOLDIER PILE MODIF.	AF	02A012					
REGIONAL ADM.	L. ENG	12/02	4/11/03	SOLDIER PILE CHANGE	AF						
DATE		DATE		REVISION	BY						

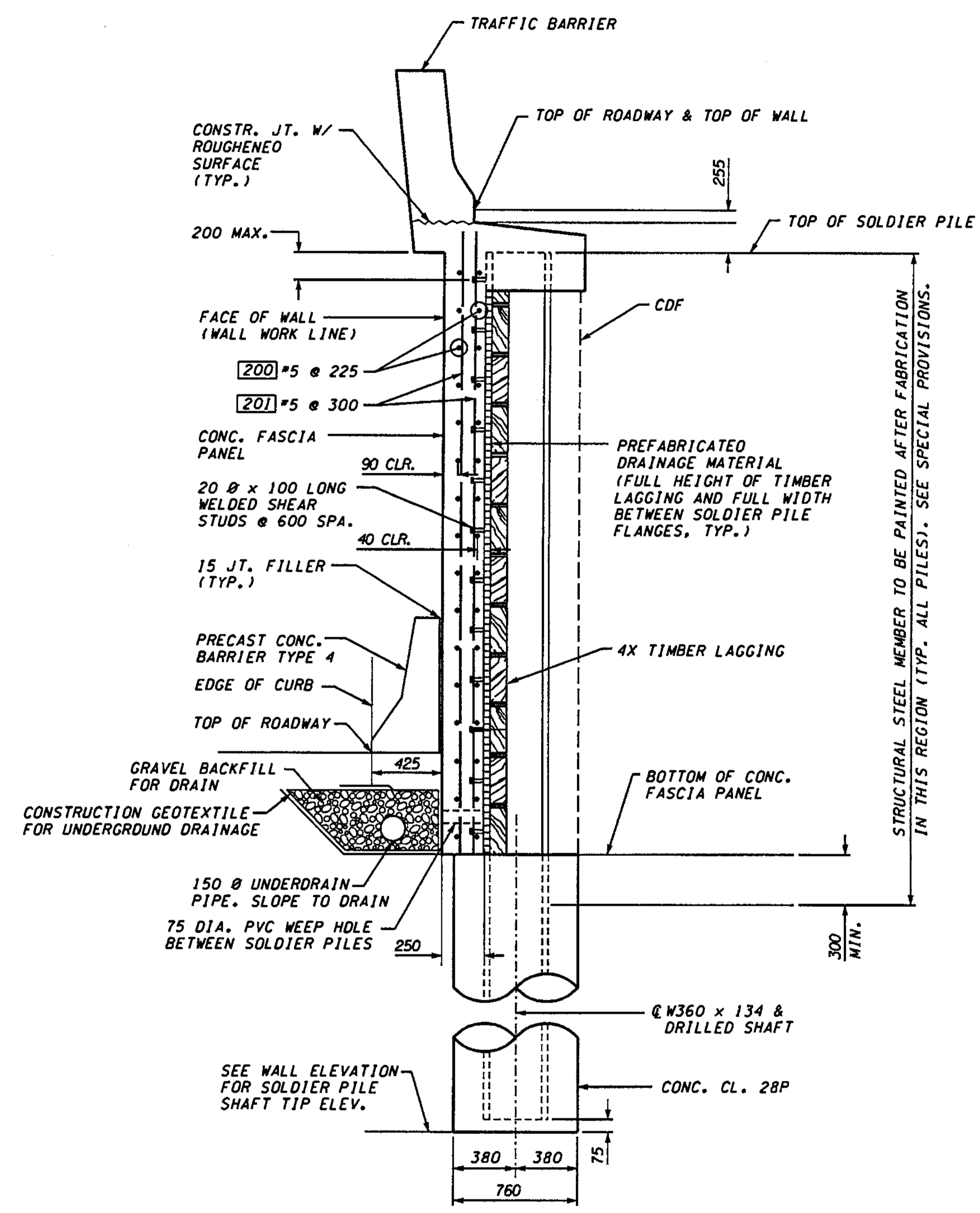
RETAINING WALL BAN EAST 1

SHEET  
398  
OF  
1152  
SHEETS



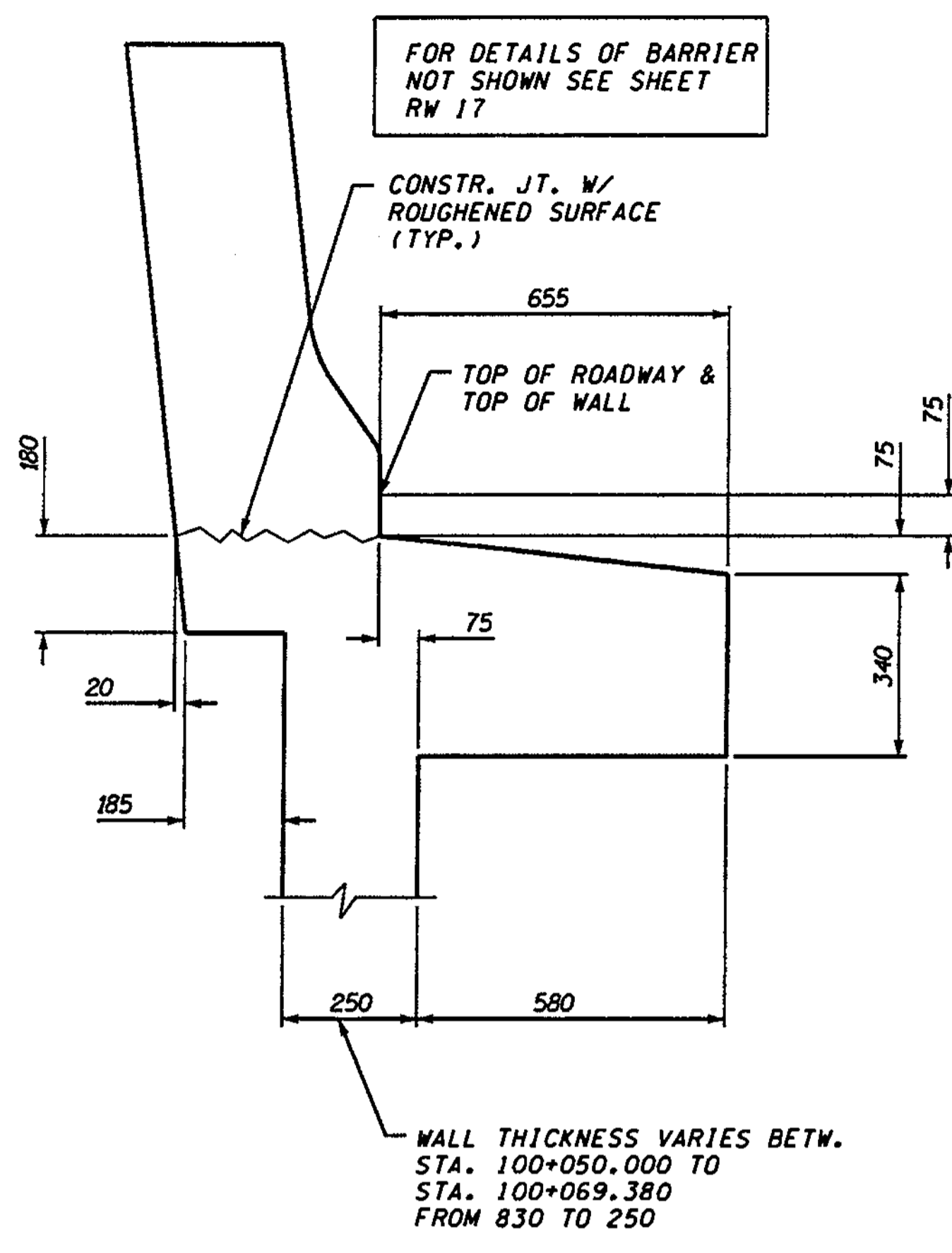
h:\2016-ael\i\Dgn\C2-FINAL\RW014\_C2.dgn

SR\_405\_JOB NO. SHEET Administrator 04/03/2003 04:19:21 AM



TYPICAL SECTION - NO PERMANENT GROUND ANCHOR

**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

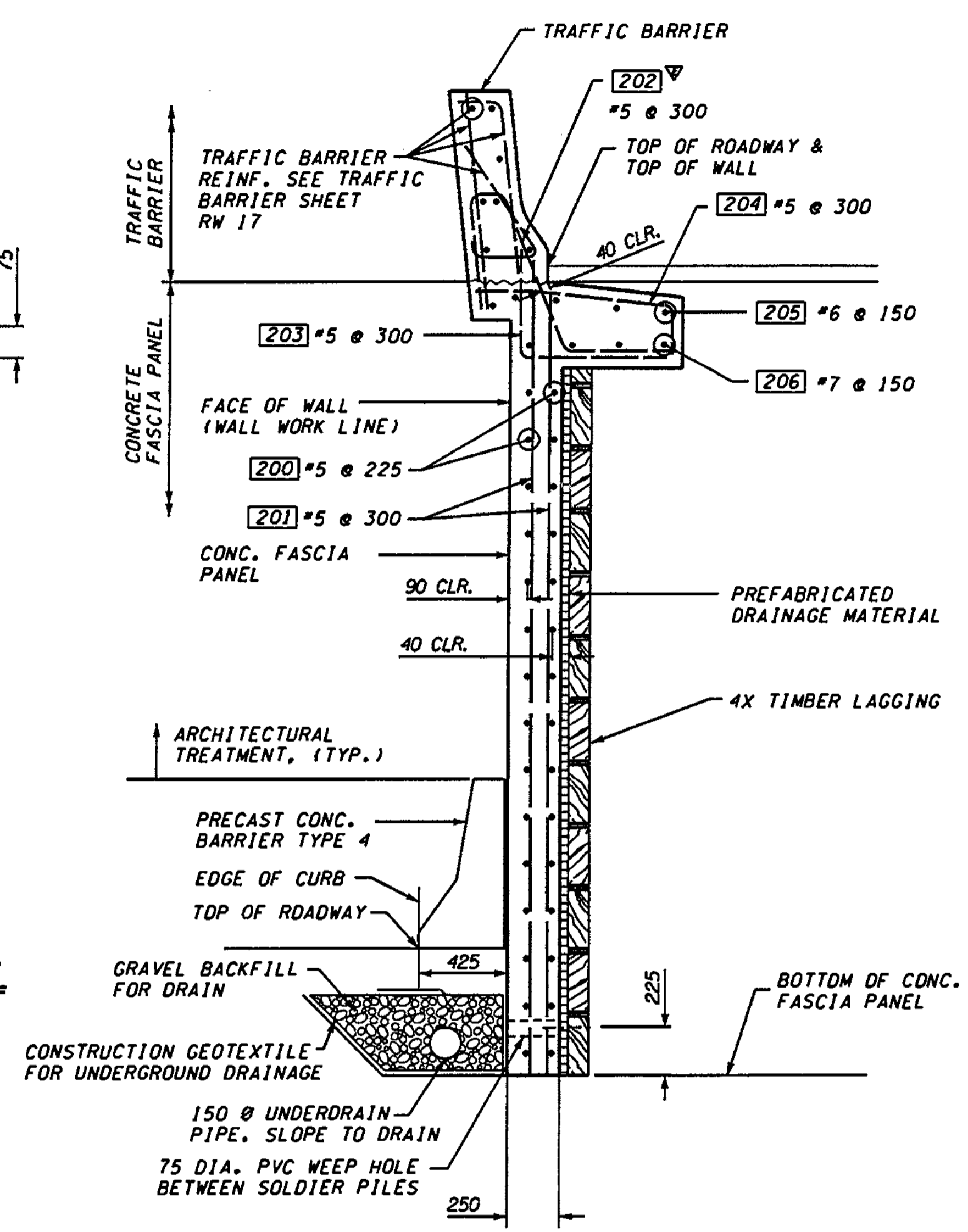


SECTION THROUGH TOP OF WALL (CONCRETE DIMENSIONS)

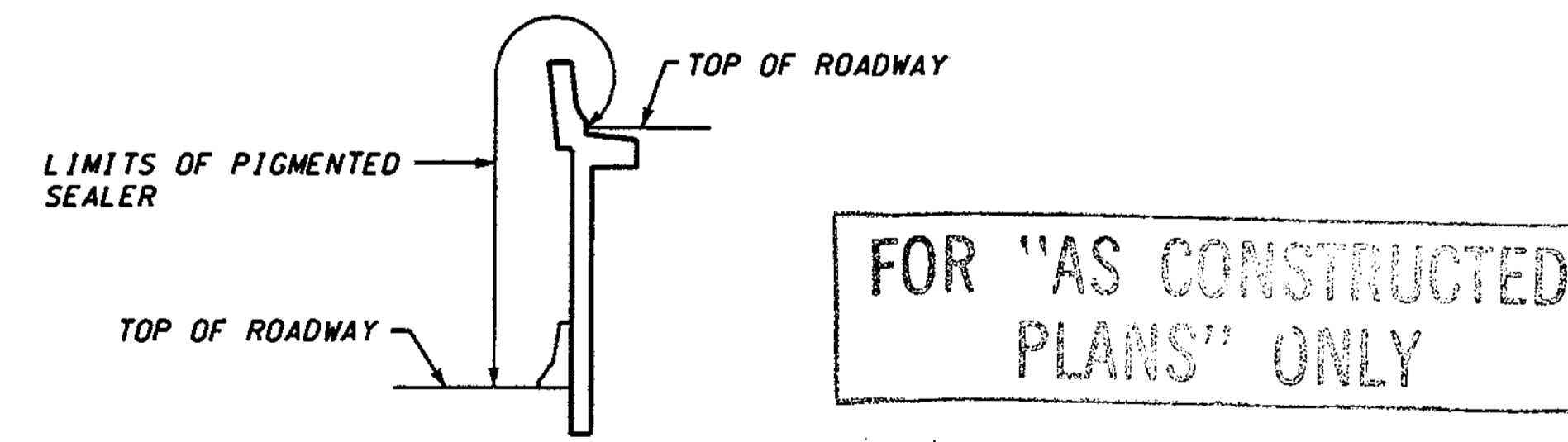
**NOTE:**  
 1. SEE SHEET RW63 FOR WALL FINISH.  
 2. SOLDIER PILES SHALL BE ASTM A50M.

RETAINING WALL BAR LIST			BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)	
MARK	SIZE	LENGTH		
200	5	(A) STR.		
201	5	(A) STR.		
202	5	1.975		
203	5	1.250		
204	5	1.150		
205	6	(A) STR.		
206	7	(A) STR.		

(A) DETERMINE FROM PLANS



TYPICAL SECTION - BETWEEN PILES



BRIDGE DESIGN ENGR.	REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR	10	WASH	
DESIGNED BY A.K.F.	12/02		
ENTERED BY H.N.	12/02		
CHECKED BY R.K.M.	12/02		
PROJ. ENGR. D. CIERI	12/02		
REGIONAL ADM. L. ENG	12/02	4/11/03	SOLDIER PILE CHANGE
DATE	DATE	REVISION	BY

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

1 405 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

RETAINING WALL BAN EAST 1

BRIDGE SHEET NO. RW14

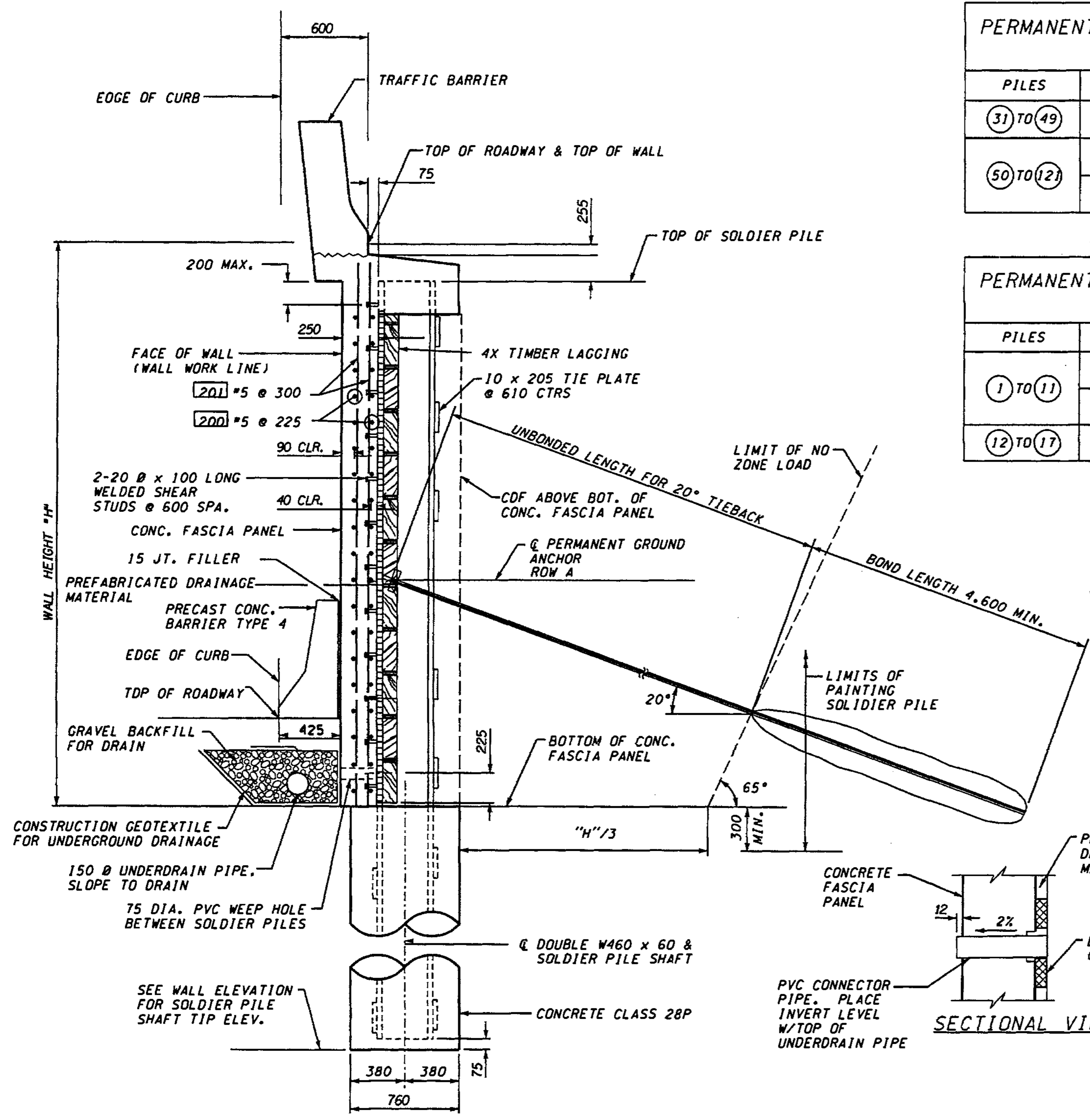
SHEET 399 OF 1152 SHEETS

SR\_405\_JOB NO. SHEET Administrator 04/25/2003 11:05:32 PM h:\2016-ael\dgn\C2-FINAL\RW015\_C2.dgn

PERMANENT GROUND ANCHOR SCHEDULE WALL BAN-EAST 1		
PILES	ANCHOR DESIGN LOAD (KN)	
(31) TO (49)	ROW A	100 KN
(50) TO (121)	ROW A	145 KN
	ROW B	100 KN

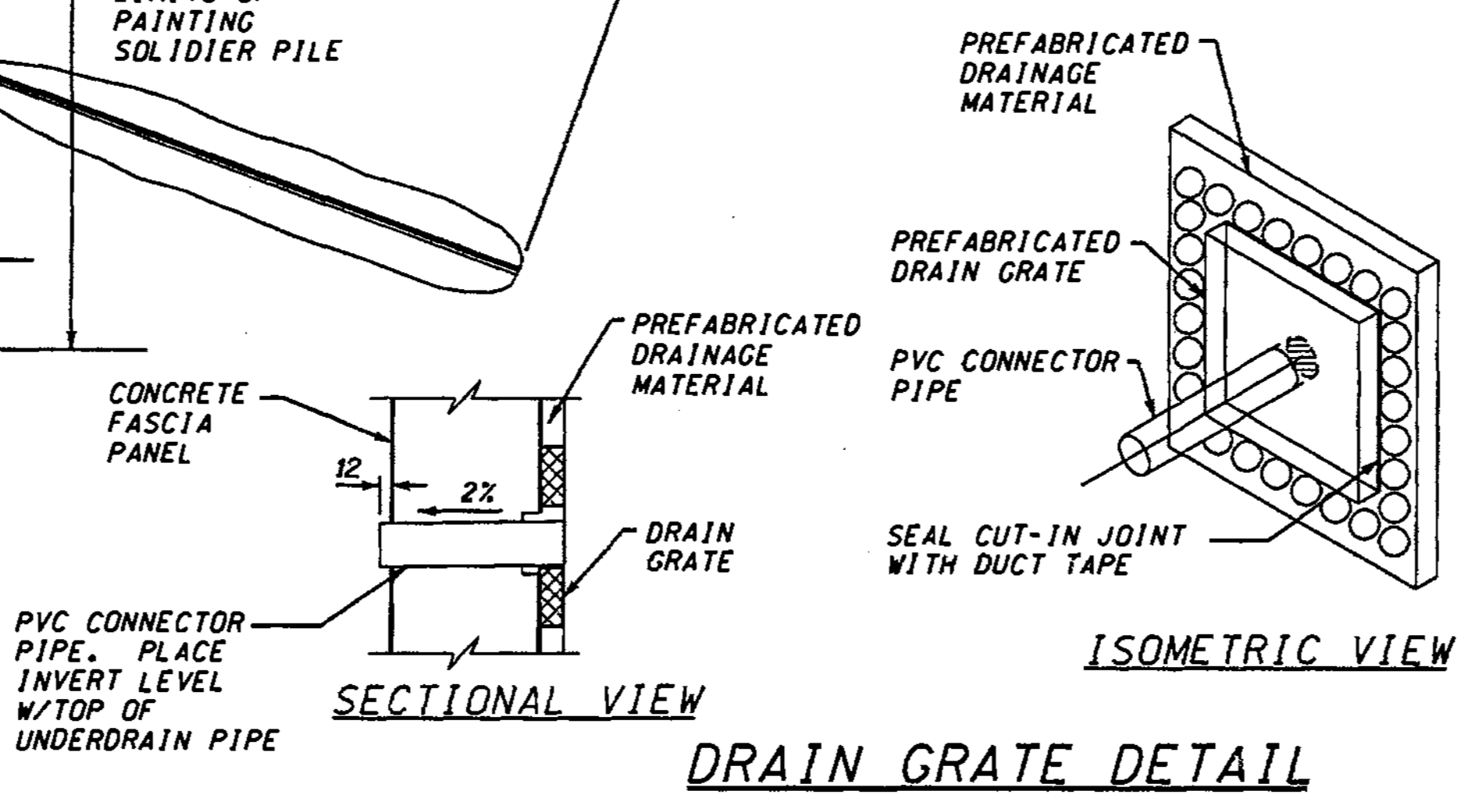
PERMANENT GROUND ANCHOR SCHEDULE WALL BAN-EAST 2		
PILES	ANCHOR DESIGN LOAD (KN)	
(1) TO (11)	ROW A	145 KN
(12) TO (17)	ROW B	100 KN
	ROW A	100 KN

**NOTE:**  
 1. SEE SHEET RW63 FOR WALL FINISH.  
 2. SOLDIER PILES SHALL BE ASTM A50M.

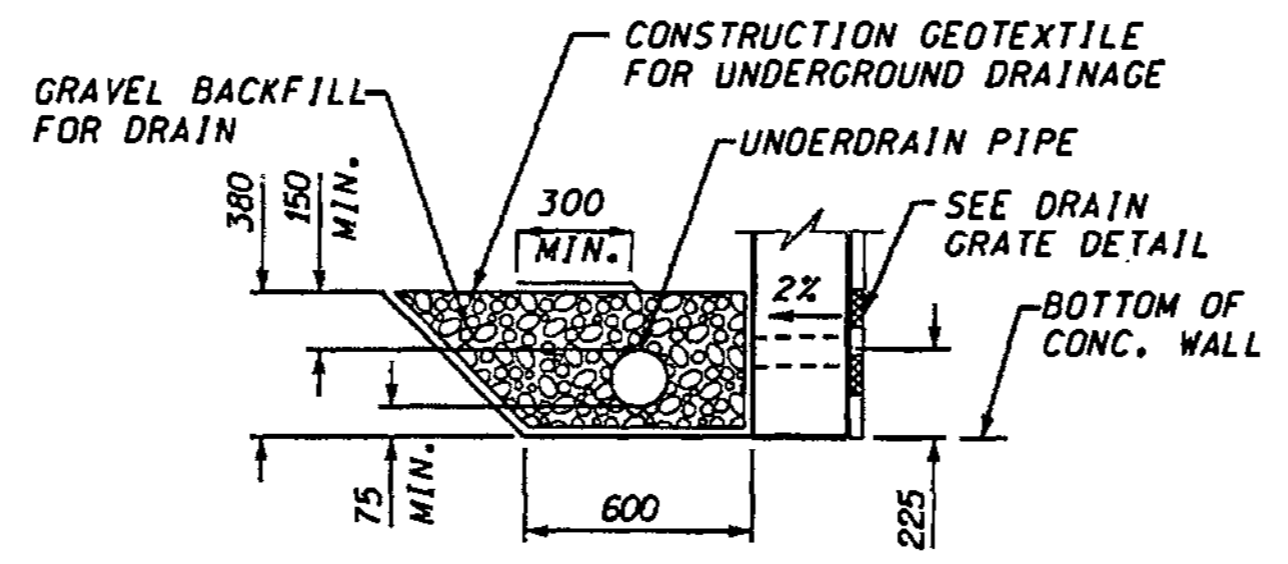


**TYPICAL SECTION THROUGH WALL WITH ONE PERMANENT GROUND ANCHOR**

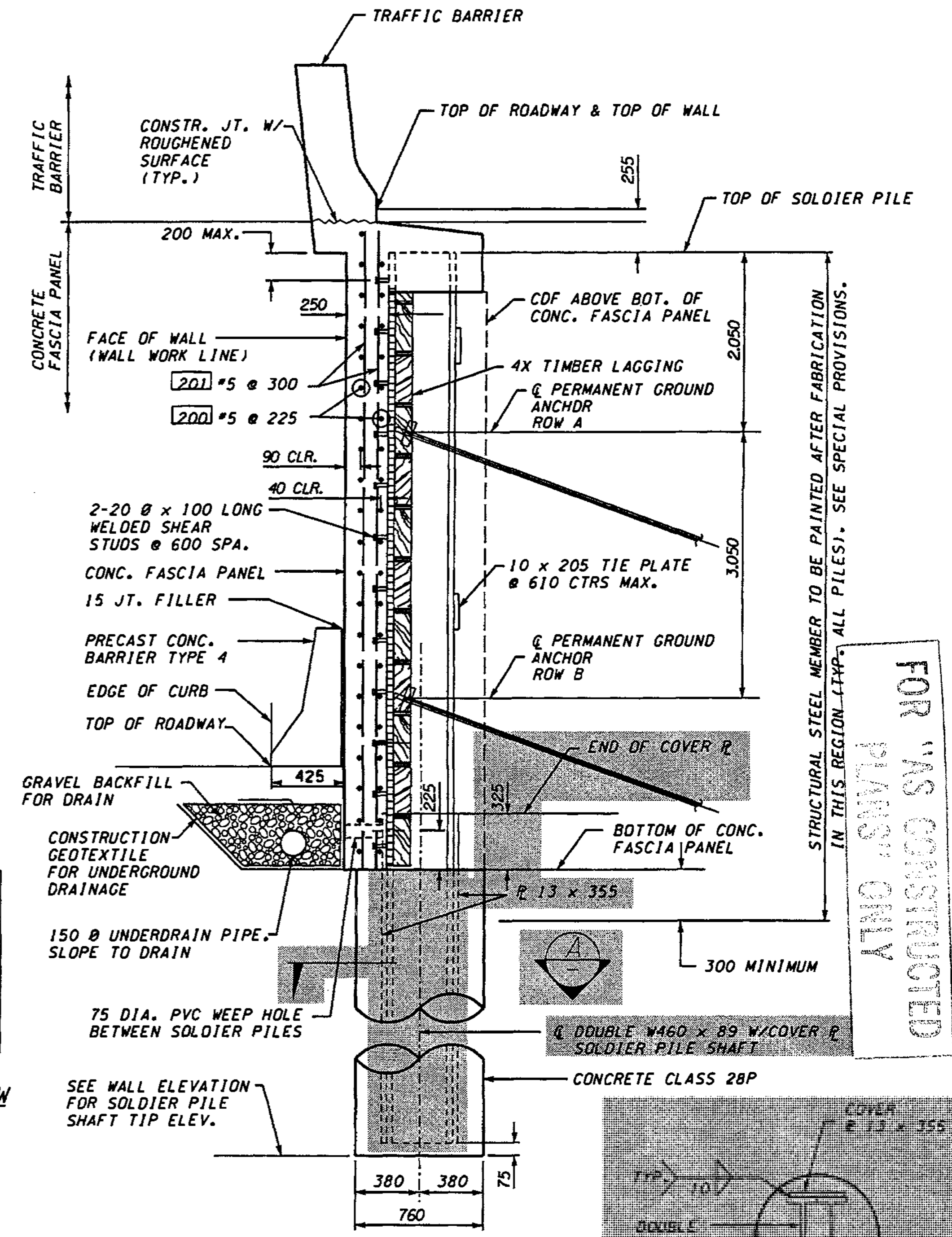
**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS



**DRAIN GRATE DETAIL**



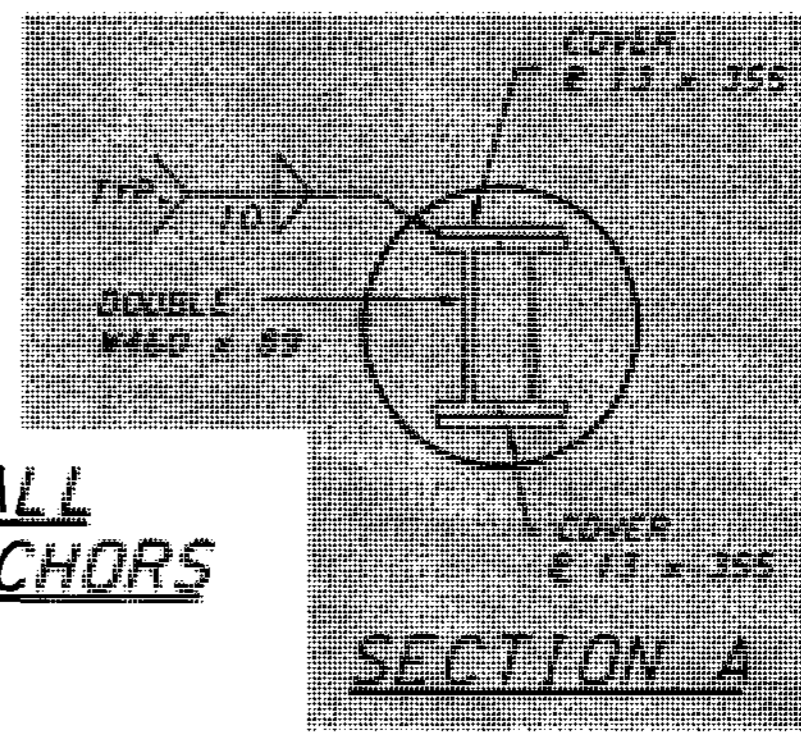
**DRAIN DETAIL**



**TYPICAL SECTION THROUGH WALL WITH TWO PERMANENT GROUND ANCHORS**

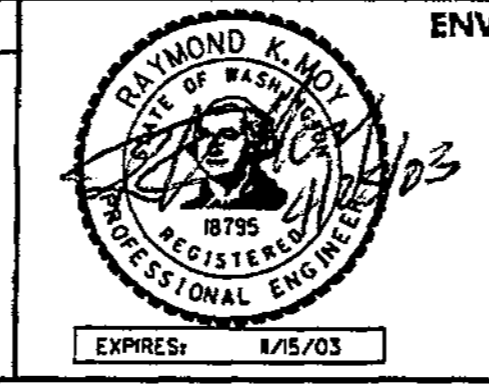
FOR DETAILS NOT SHOWN SEE TYPICAL SECTION THROUGH WALL W/ ONE PERMANENT GROUND ANCHOR.

FOR 'AS CONSTRUCTED PLANS' ONLY

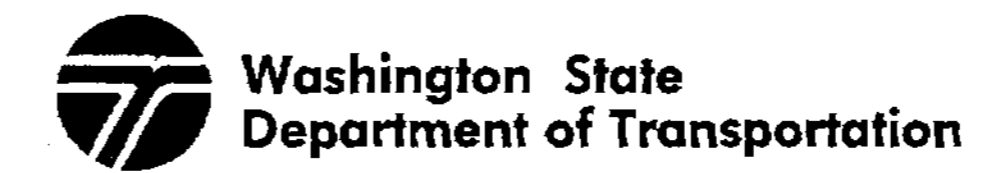


**SECTION A**

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR				10	WASH	
DESIGNED BY	A.K.F.	12/02				
ENTERED BY	H.N.	12/02				
CHECKED BY	R.K.M.	12/02		JOB NUMBER		
PROJ. ENGR.	D. CIERI	12/02	4/24/03	02A012		
REGIONAL ADM. L. ENG		12/02	4/11/03	CONTRACT NO.		
		DATE	DATE	REVISION	BY	



ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



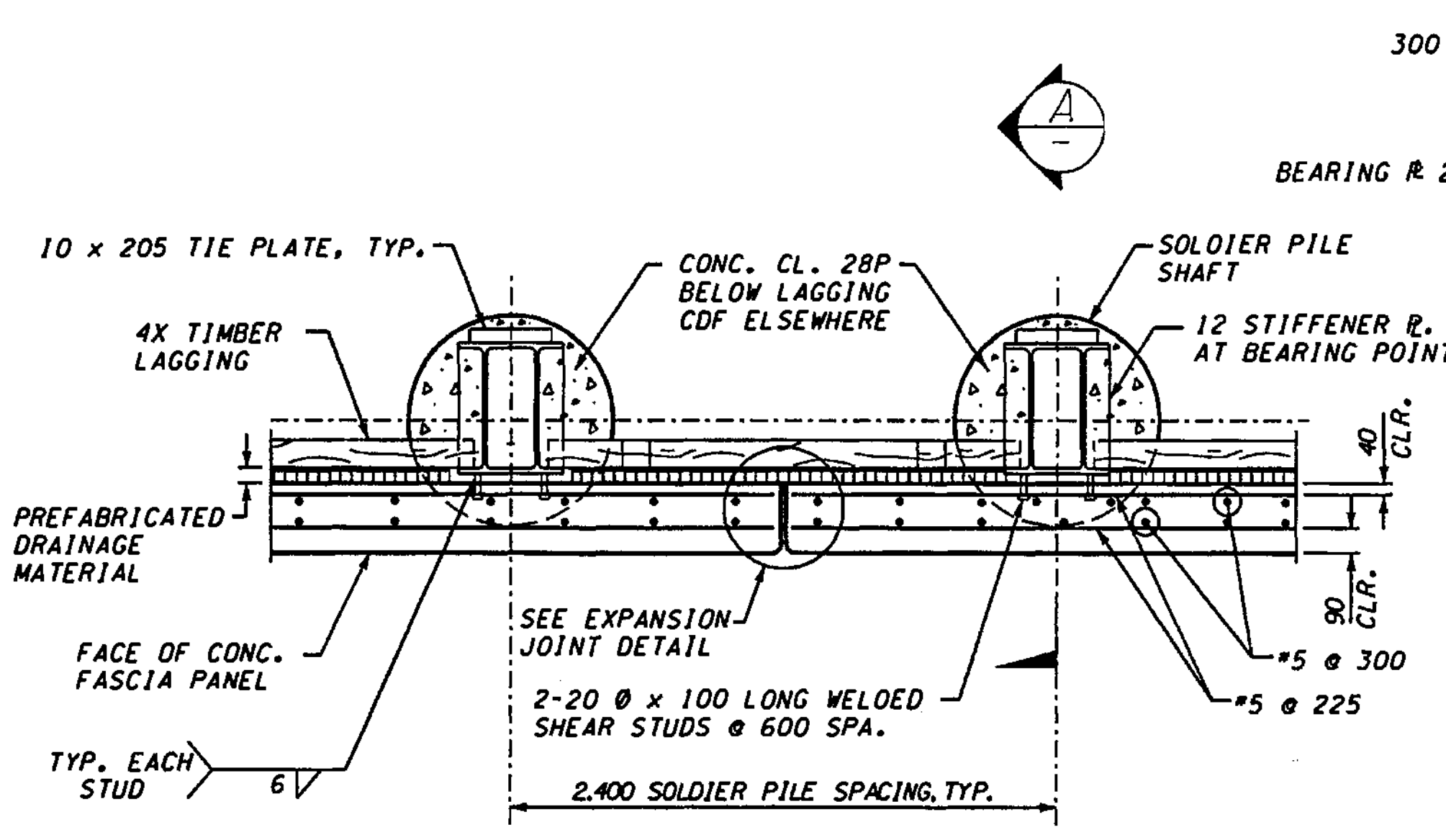
I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 RETAINING WALL BAN EAST 1

BRIDGE SHEET NO. RW15  
 SHEET 400 OF 1152 SHEETS



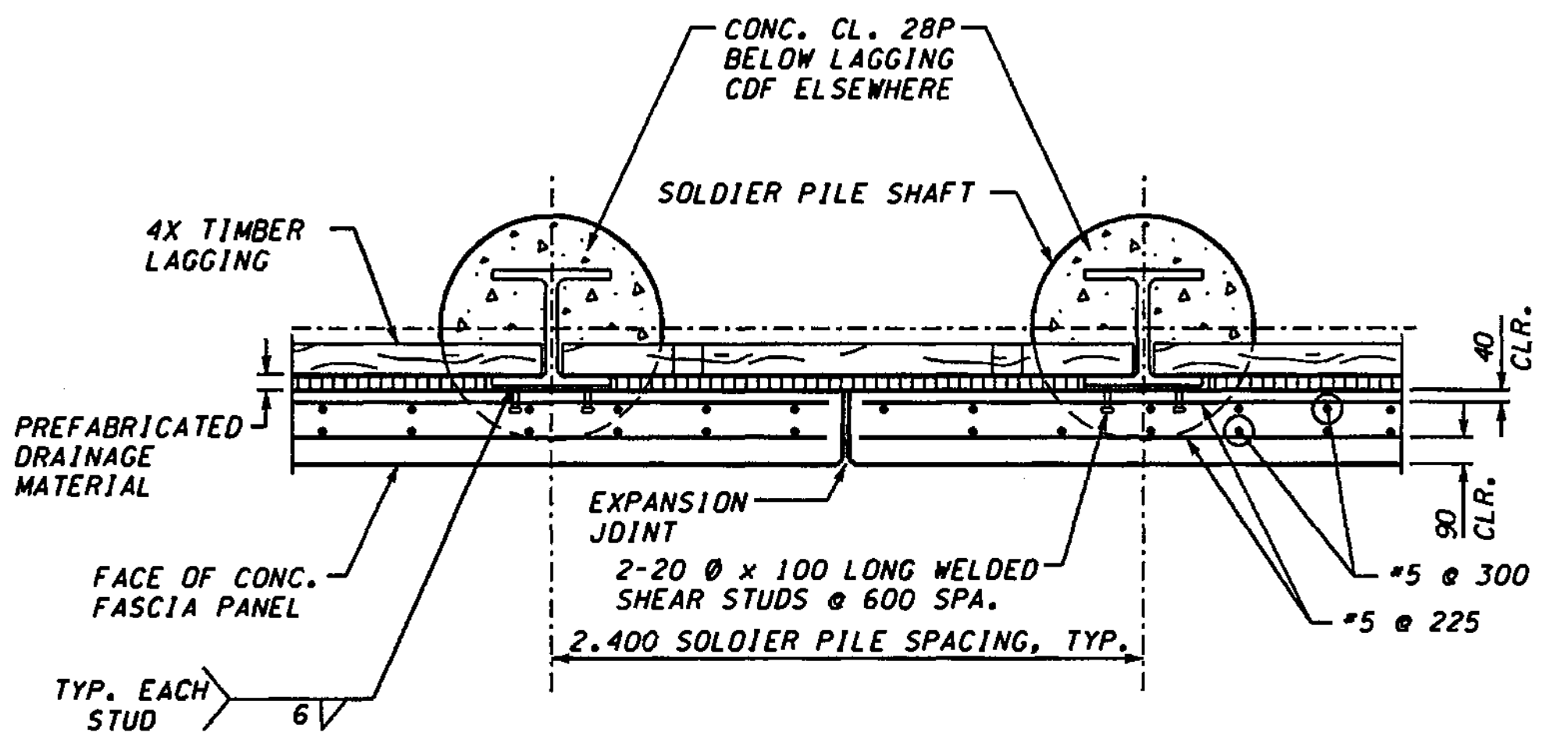
ns:\2016-del\i\dgn\C2\C2-FINAL\RW016\_C2.dgn

SR\_405\_JOB NO. SHEET Administrator 04/03/2003 04:55:29 AM

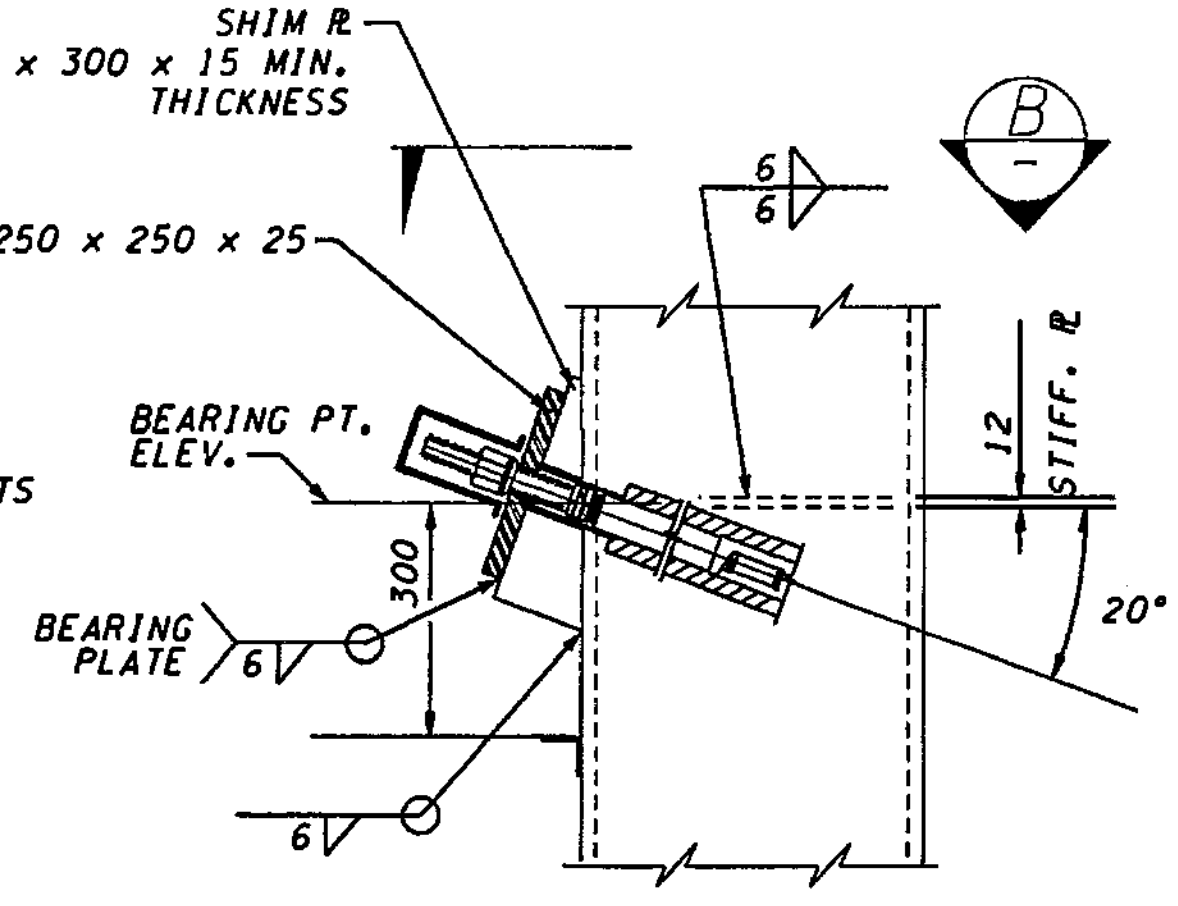


SECTION THROUGH WALL WITH PERMANENT GROUND ANCHOR

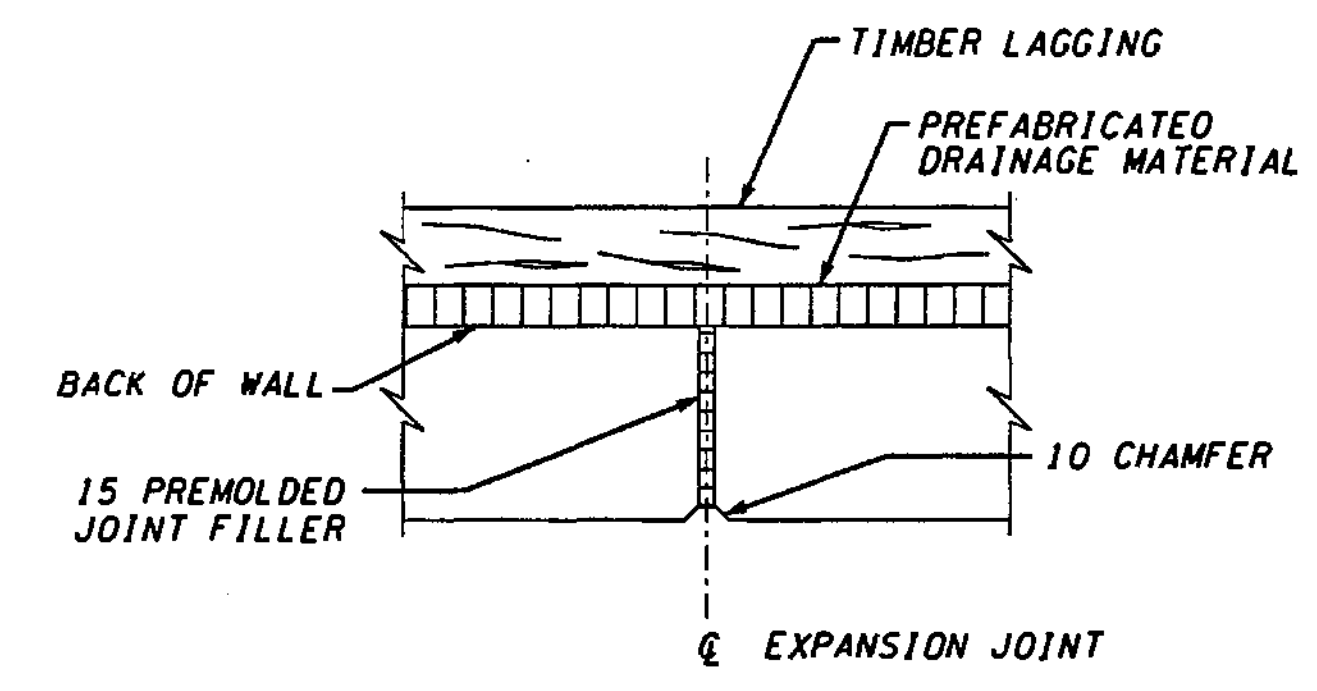
NOTE:  
SOLDIER PILES SHALL BE  
ASTM A500M STEEL.



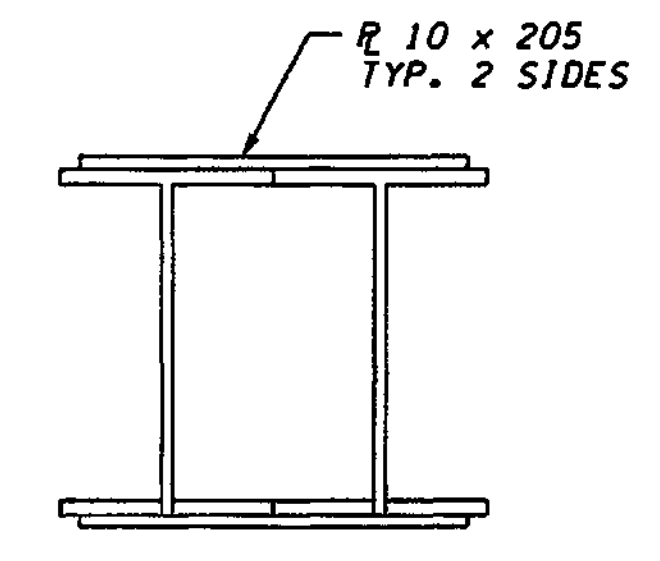
SECTION THROUGH WALL - NO TIEBACK ANCHOR



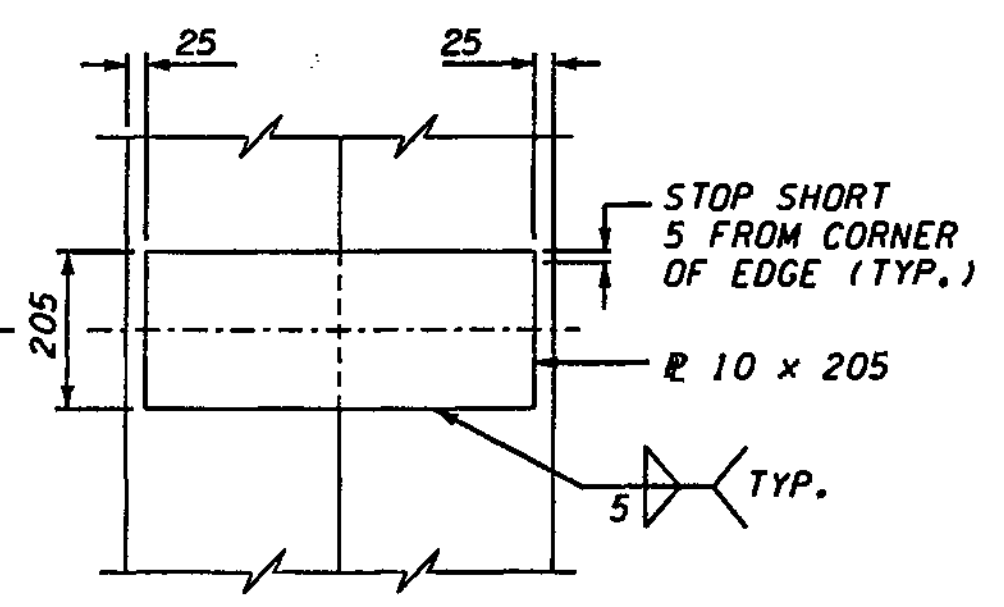
SECTION A



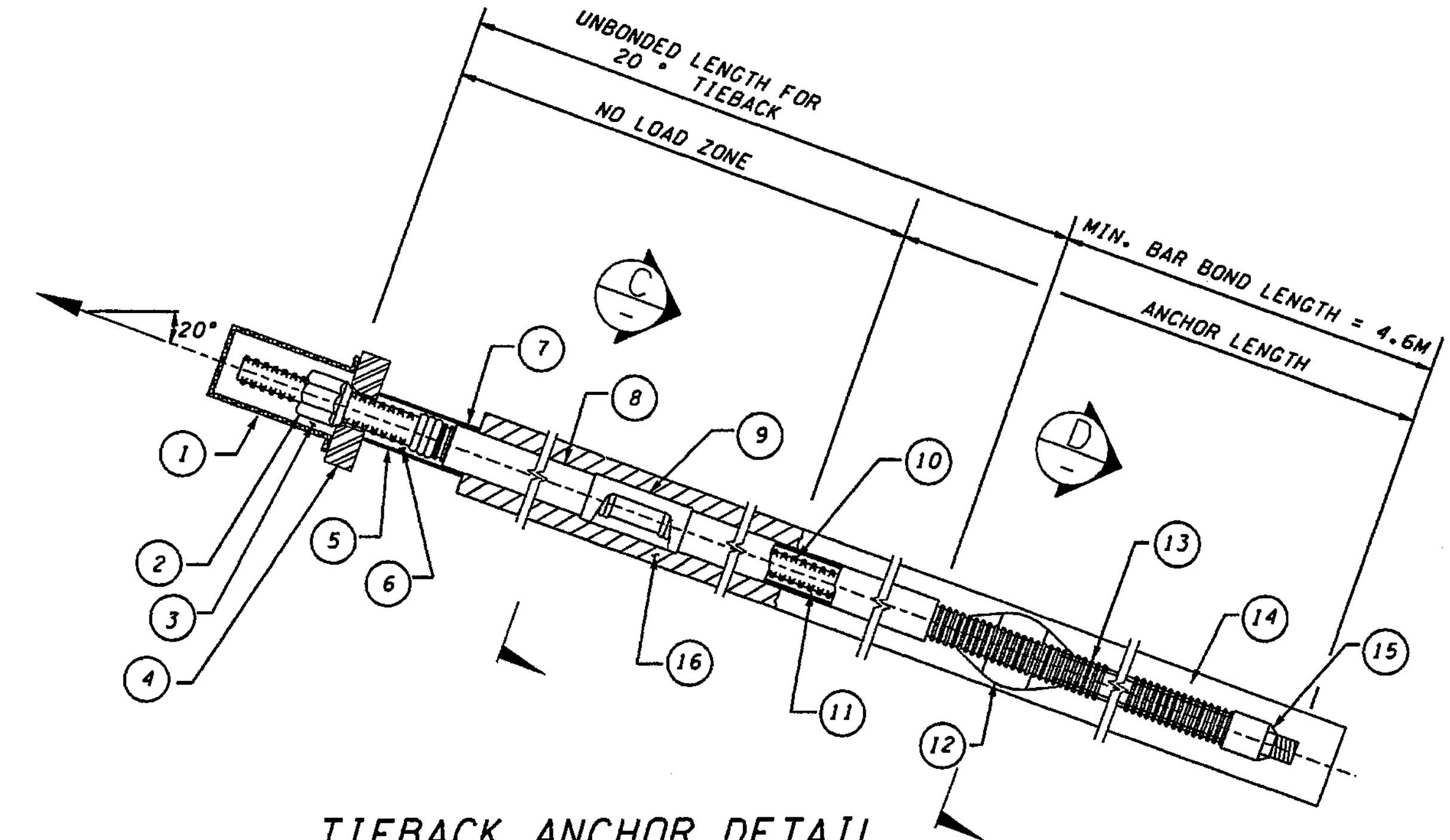
EXPANSION JOINT DETAIL



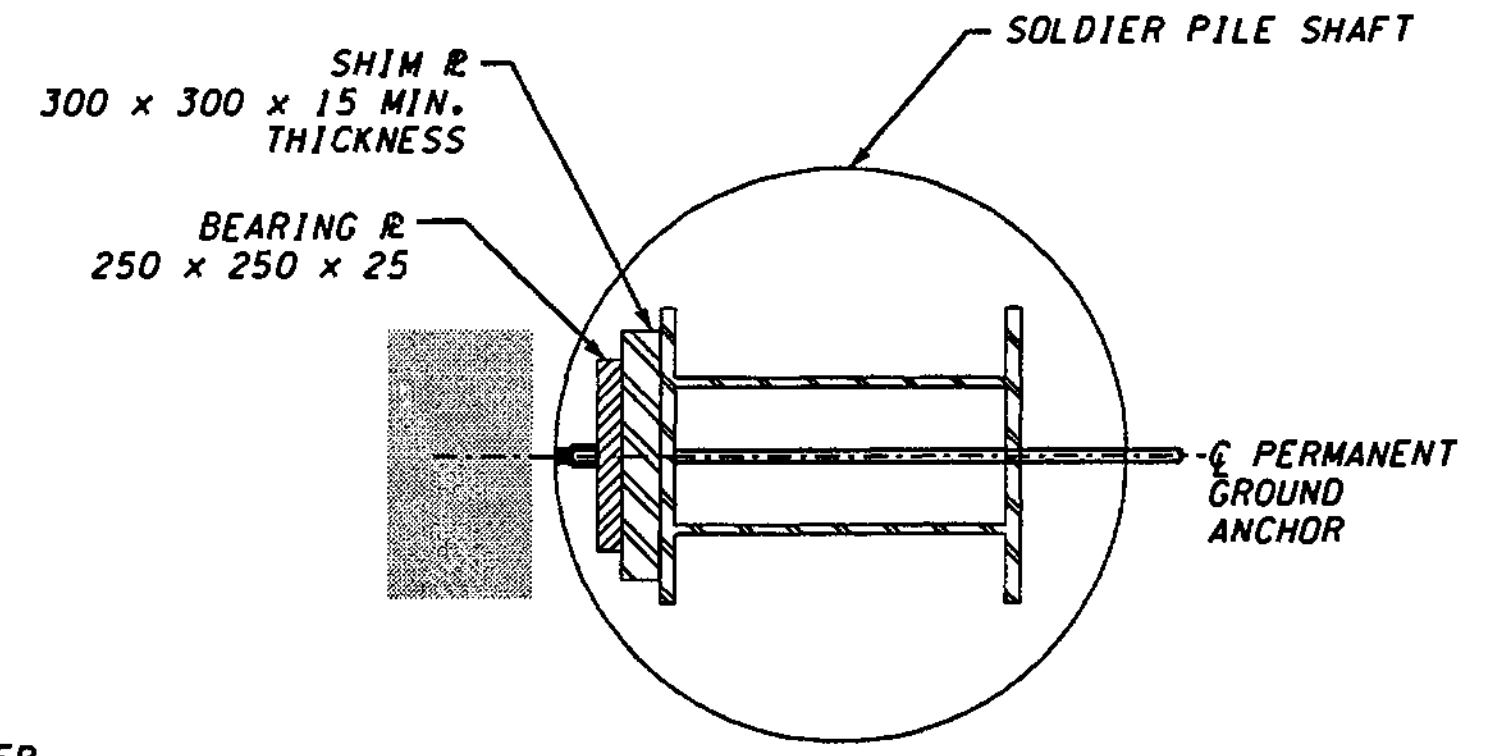
PLAN TIE PLATE



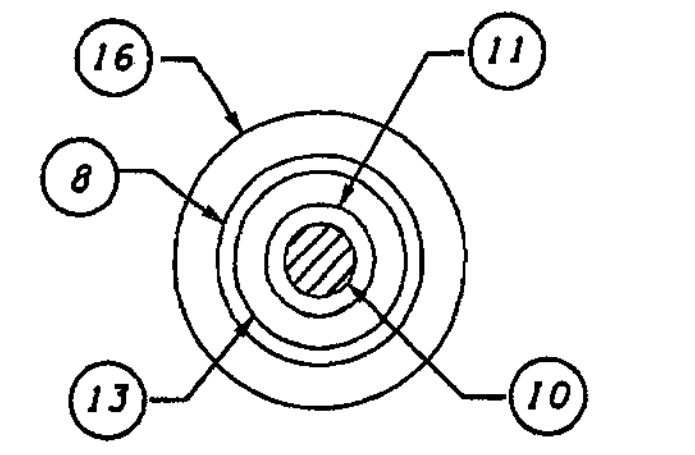
ELEVATION TIE PLATE DETAIL



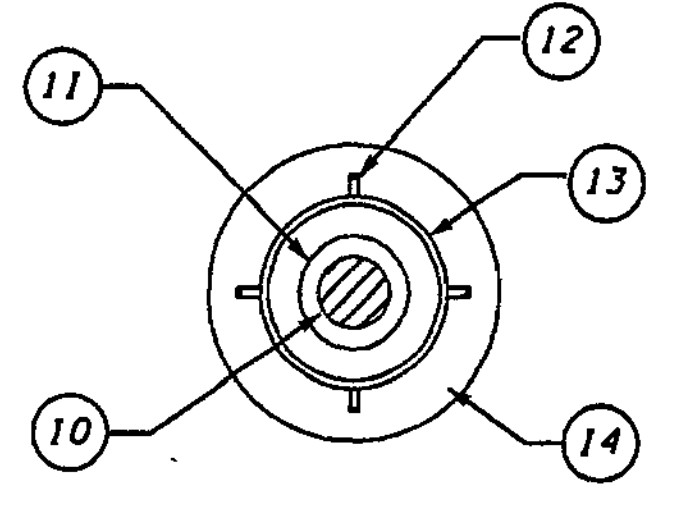
TIEBACK ANCHOR DETAIL



SECTION B



SECTION C



SECTION D

1. ANCHORAGE COVER
2. NUT
3. ANTICORROSION GREASE
4. BEARING PLATE
5. TRUMPET
6. ANTICORROSION GREASE
7. SEAL
8. SMOOTH PVC BOND BREAKER
9. PROTECTED BAR COUPLER
10. BAR TENSION - 15.2 mm PRESTRESSING STEEL STRAND\*
11. ENCAPSULATION GROUT
12. CENTRALIZERS
13. CORRUGATED PVC
14. ANCHOR GROUT
15. END CAP
16. NONSTRUCTURAL FILLER

FOR "AS CONSTRUCTED  
PLANS" ONLY

\* All anchors steel strands, except soldier pile -  
 Bar Tension { BAN-East 1 - Pile # 117, 118, 119, 120 - Row A, 119, 120 - Row B  
 BAN-East 2 - Pile # 1, 2, 3, 4 - Row B, 1, 2 - Row B

METRIC LEGEND:  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR				10	WASH	
DESIGNED BY	A.K.F.	12/02		JOB NUMBER		
ENTERED BY	K.C.G.	12/02		02A012		
CHECKED BY	R.K.M.	12/02		CONTRACT NO.		
PROJ. ENGR.	D. CIERI	12/02				
REGIONAL ADM. L. ENG		12/02	4/11/03	SOLDIER PILE CHANGE	AF	
		DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER
--

Washington State Department of Transportation

HDR ENGINEERING INC.

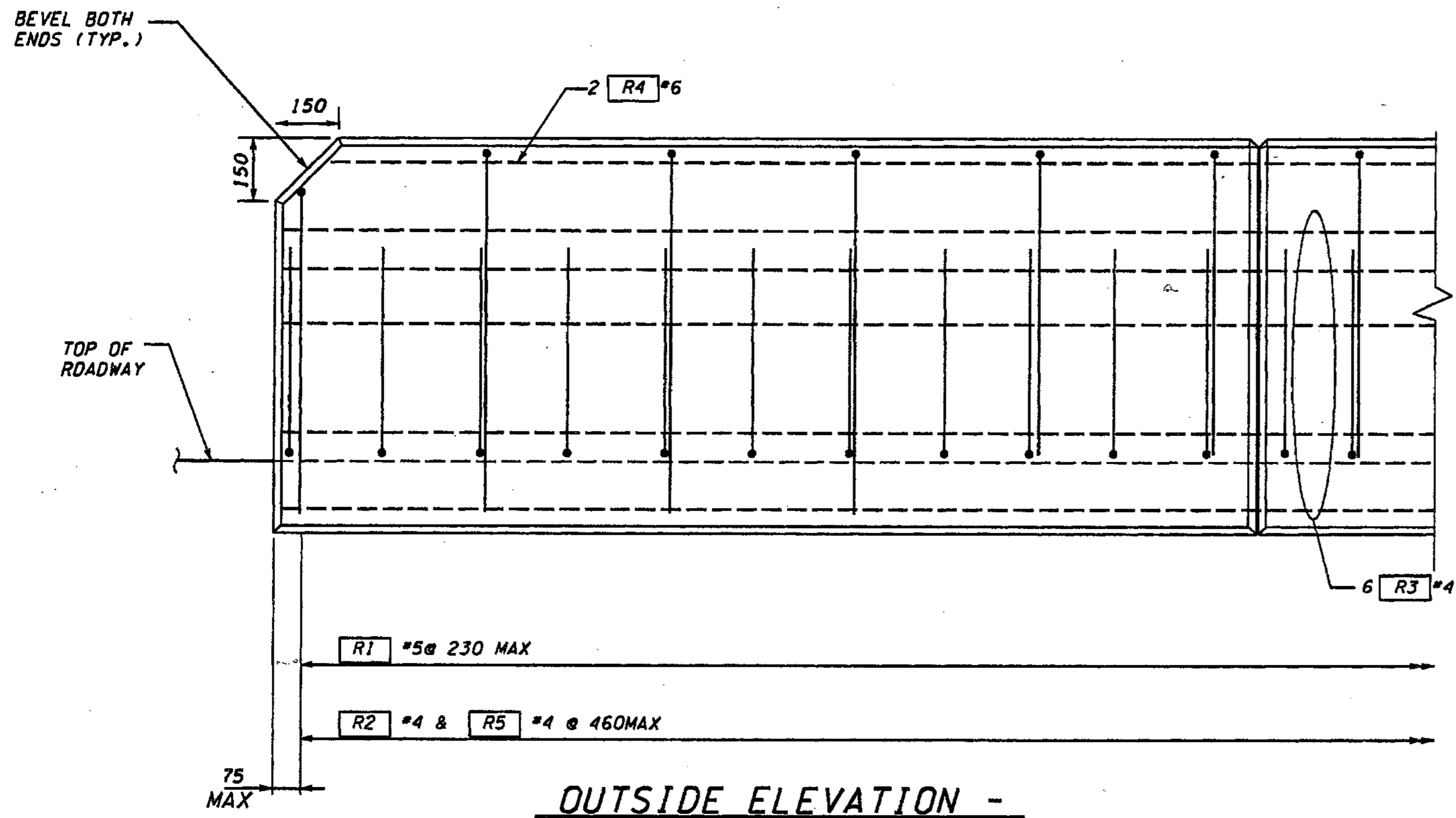
L & A LIN & ASSOCIATES, INC. Consulting Engineers

I 405 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

RETAINING WALL BAN EAST 1

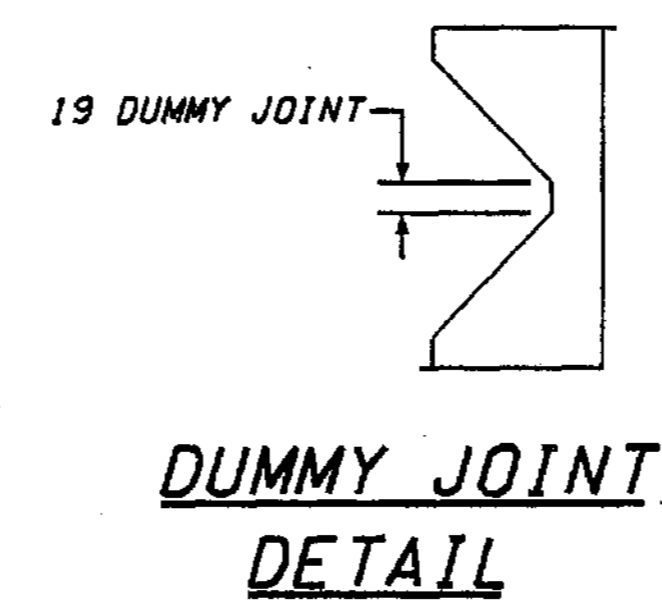
BRIDGE SHEET NO.	RW16
SHEET NO. OF SHEETS	401 OF 1152

SR 405 JOB NO. SHEET Administrator 11/22/2002 11:31:42 AM h:\2016-ge\i\dgn\C2-FINAL\RW017\_C2.dgn

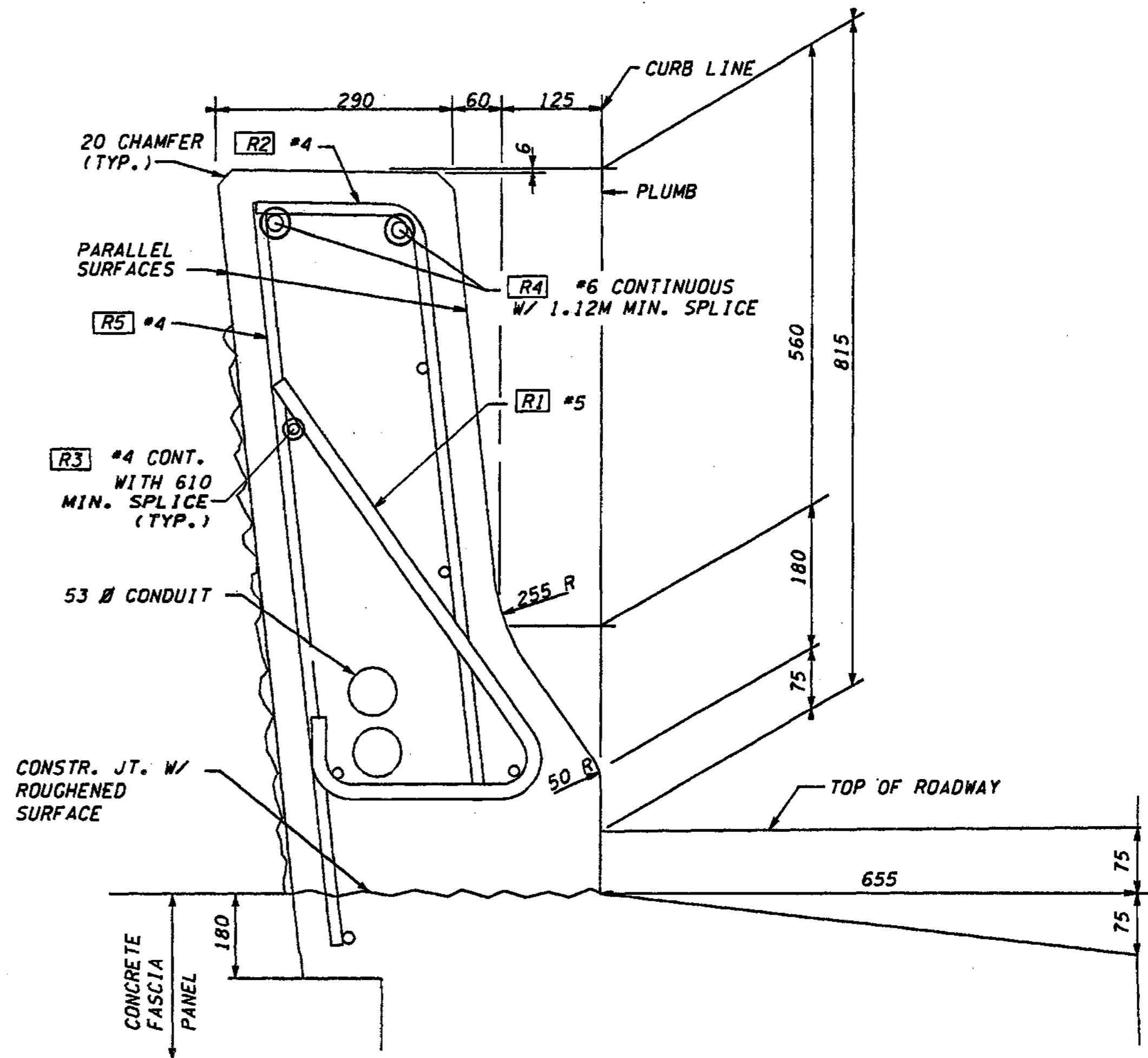


**OUTSIDE ELEVATION -  
END OF TRAFFIC BARRIER**

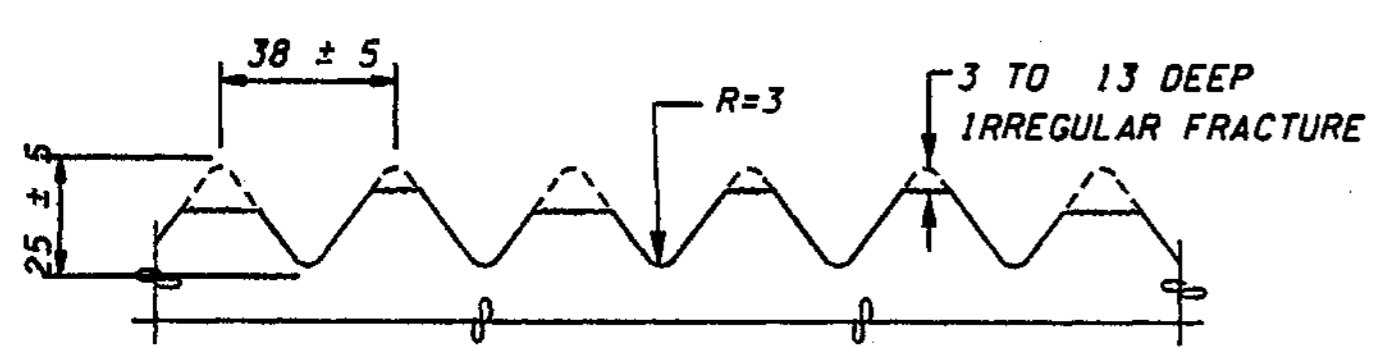
NOTE 1: SEE SHEET RW65 FOR JUNCTION BOX & CONDUIT ELEVATION & DETAILS IN TRAFFIC BARRIER



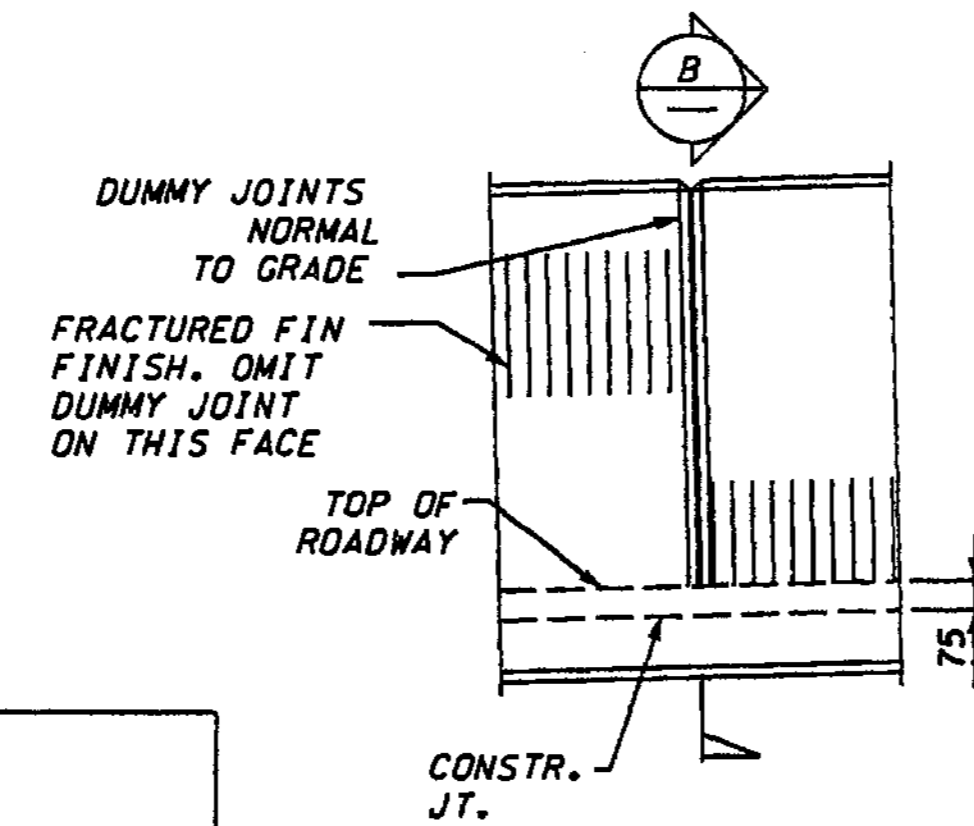
**DUMMY JOINT  
DETAIL**



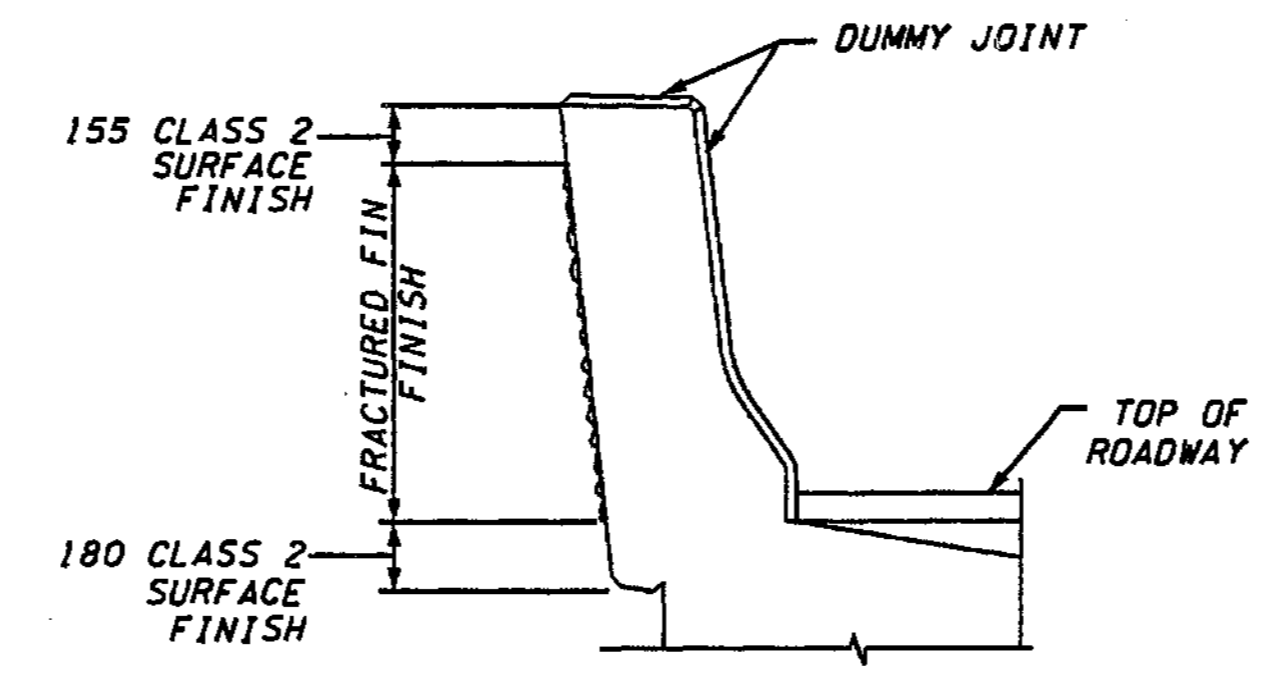
**TYPICAL SECTION - TRAFFIC BARRIER**



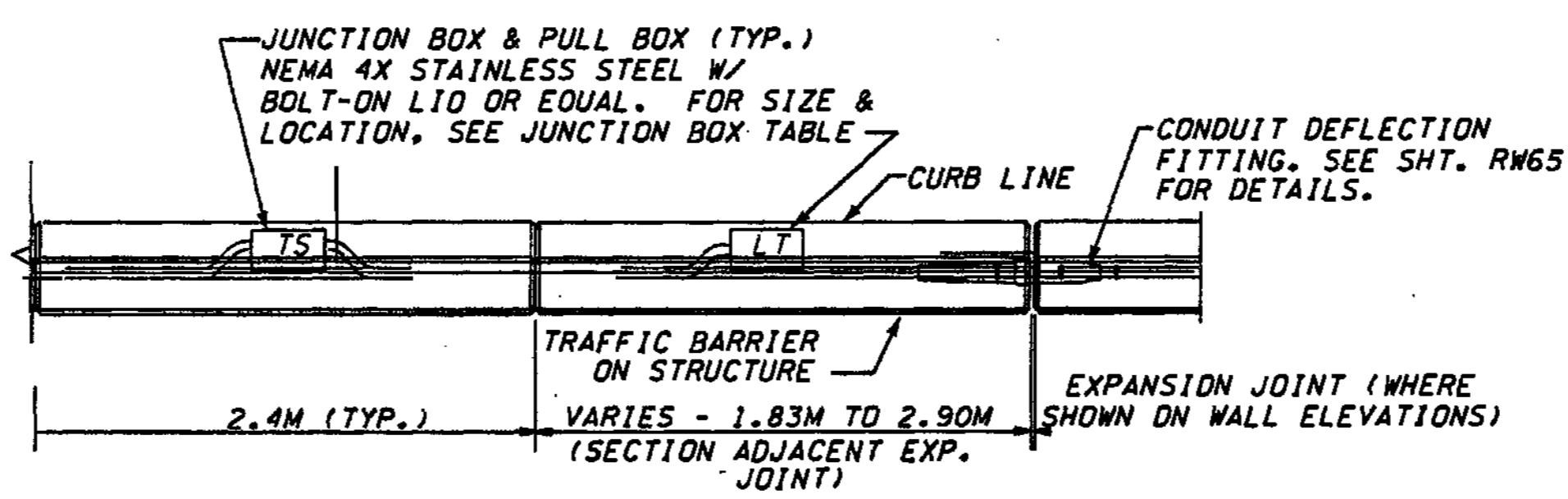
**FRACTURED FIN FINISH**



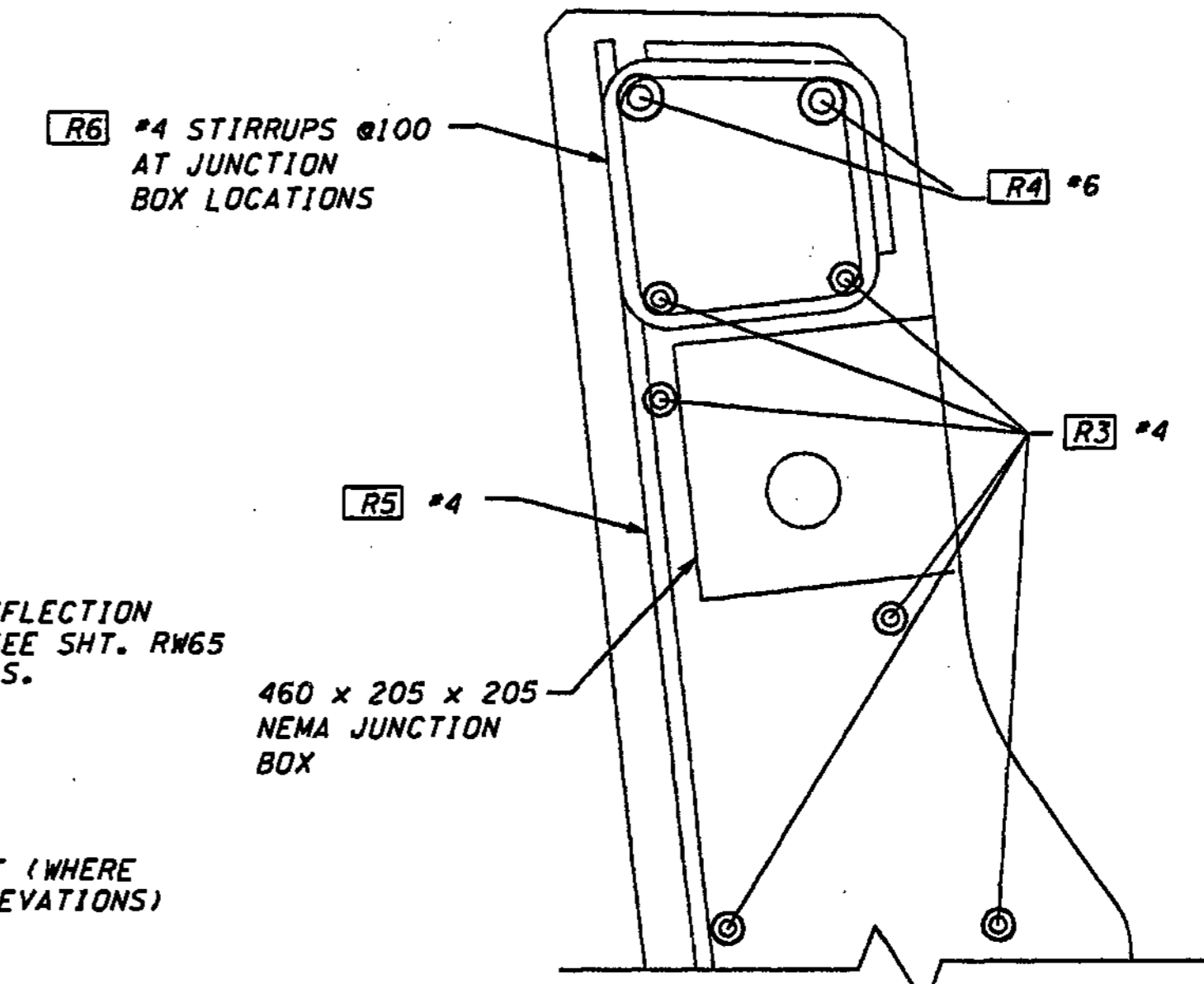
**VIEW A**



**SECTION B**



**PLAN - TRAFFIC BARRIER**



**TYPICAL SECTION - TRAFFIC BARRIER  
W/ JUNCTION BOX**

FOR "AS CONSTRUCTED  
PLANS" ONLY

TRAFFIC BARRIER BAR LIST			
ALL REINFORCING SHALL BE AASHTO M31, GR. 60.			
MARK	SIZE	LENGTH	BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
R1	5	1.12M	
R1A	5	(A)	
R2	4	890	
R2A	4	1.04M	
R3	4	(A)	STR.
R4	6	(A)	STR.
R5	4	915	STR.

(A) DETERMINE FROM PLANS			
	R1	R1A	R2

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	A.K.F.	JOB NUMBER		
ENTERED BY	K.C.G.	02A012		
CHECKED BY	R.K.M.	CONTRACT NO.		
PROJ. ENGR.	D. CIERI			
REGIONAL ADM. L. ENG	12/02			
	DATE	DATE	REVISION	BY

10	WASH	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

EXP. 8/15/03

Washington State Department of Transportation

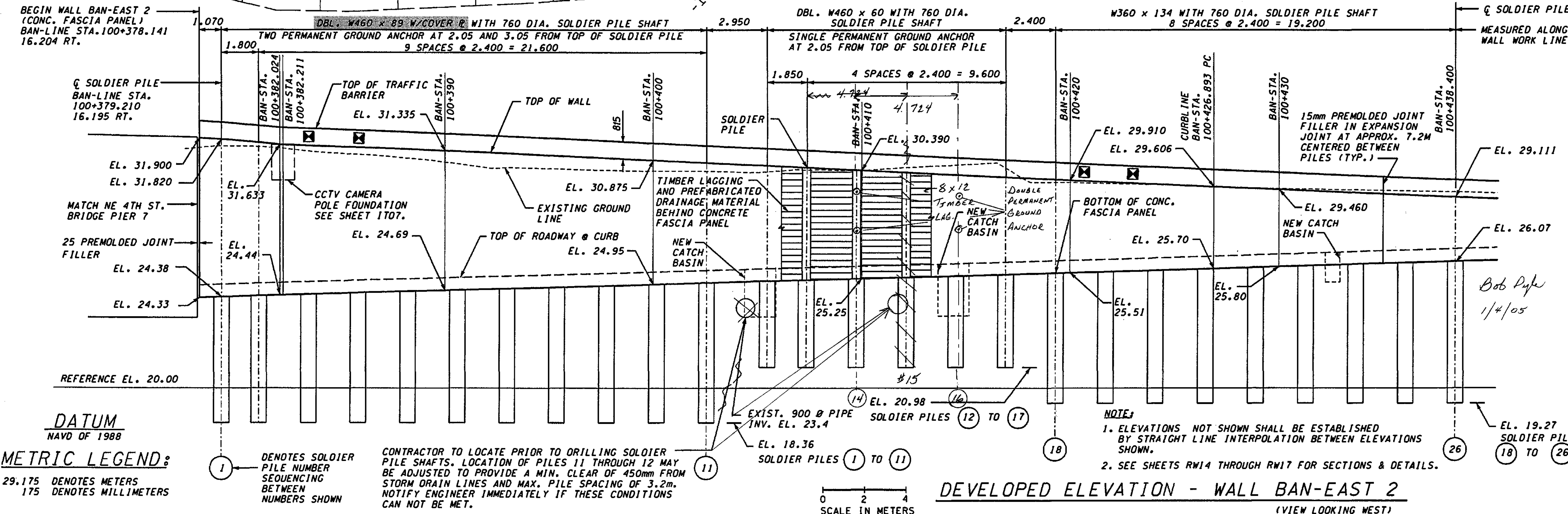
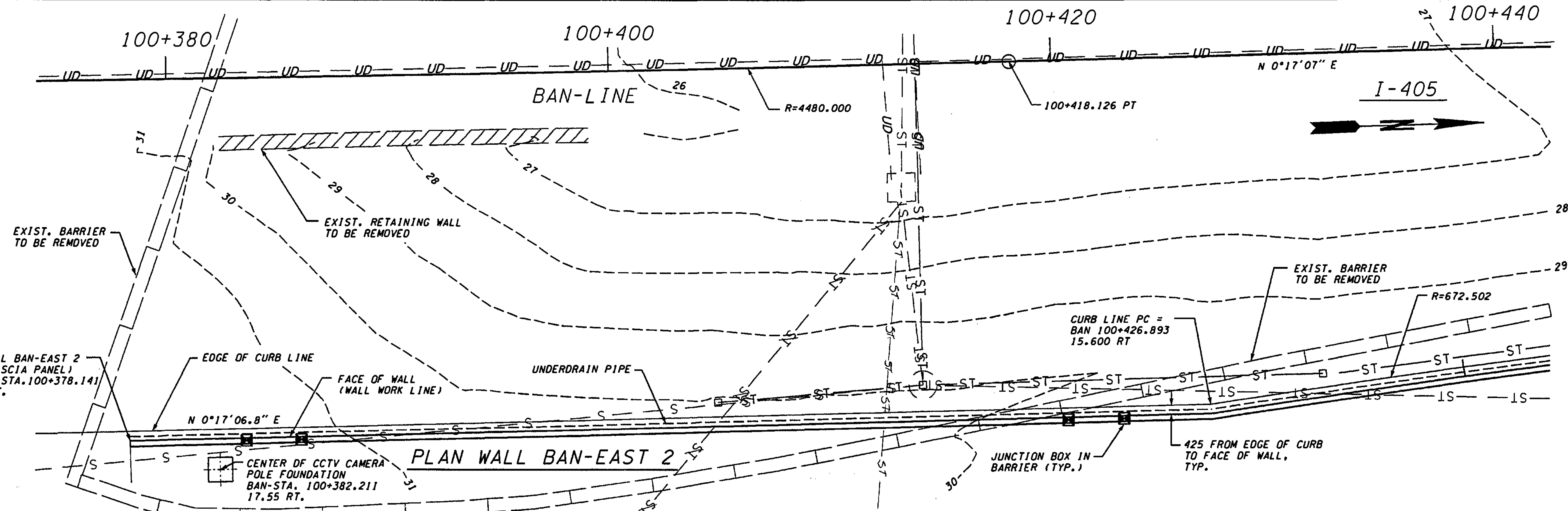
L & A L.N. & ASSOCIATES, INC. Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL BAN EAST 1

BRIDGE SHEET NO.	RW17
SHEET NO.	402
TOTAL SHEETS	1152



SR\_405\_JOB\_NO. SHEET Administrator 04/25/2003 10:55:40 PM h:\2016-ael\i\Dgn\C2\C2-FINAL\RW018\_C2.dgn



**DATUM**  
NAVD OF 1988

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

1 DENOTES SOLDIER PILE NUMBER SEQUENCING BETWEEN NUMBERS SHOWN

CONTRACTOR TO LOCATE PRIOR TO DRILLING SOLDIER PILE SHAFTS. LOCATION OF PILES 11 THROUGH 12 MAY BE ADJUSTED TO PROVIDE A MIN. CLEAR OF 450mm FROM STORM DRAIN LINES AND MAX. PILE SPACING OF 3.2m. NOTIFY ENGINEER IMMEDIATELY IF THESE CONDITIONS CAN NOT BE MET.

0 2 4  
SCALE IN METERS

**DEVELOPED ELEVATION - WALL BAN-EAST 2**  
(VIEW LOOKING WEST)

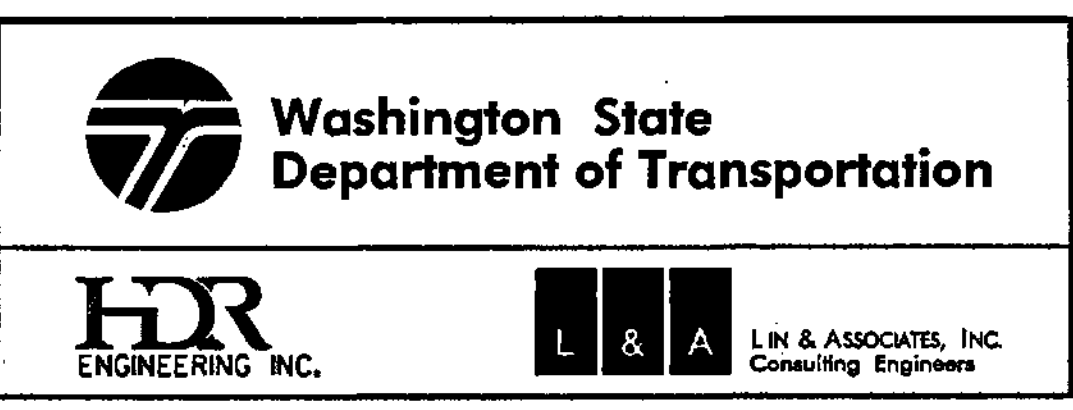
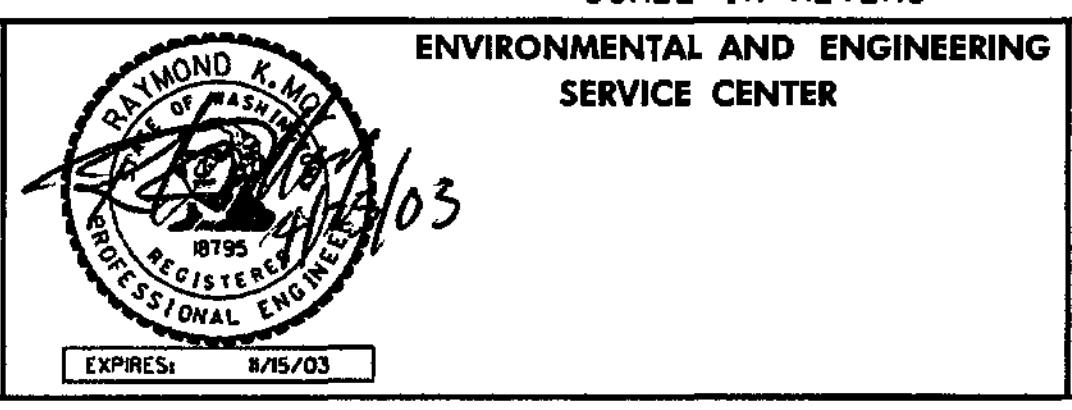
**NOTE:**  
1. ELEVATIONS NOT SHOWN SHALL BE ESTABLISHED BY STRAIGHT LINE INTERPOLATION BETWEEN ELEVATIONS SHOWN.  
2. SEE SHEETS RW14 THROUGH RW17 FOR SECTIONS & DETAILS.

FOR "AS CONSTRUCTED" PLANS ONLY

Bob Pyle  
1/4/05

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY A.K.F.	12/02	JOB NUMBER	02A012	
ENTERED BY H.N.	12/02	CONTRACT NO.		
CHECKED BY R.K.M.	12/02	REVISION	BY	
PROJ. ENGR. D. CIERI	12/02	4/24/03	SOLDIER PILE MODIF.	AF
REGIONAL ADM. L. ENG	12/02	4/11/03	SOLDIER PILE CHANGE	AF

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL BAN EAST 2

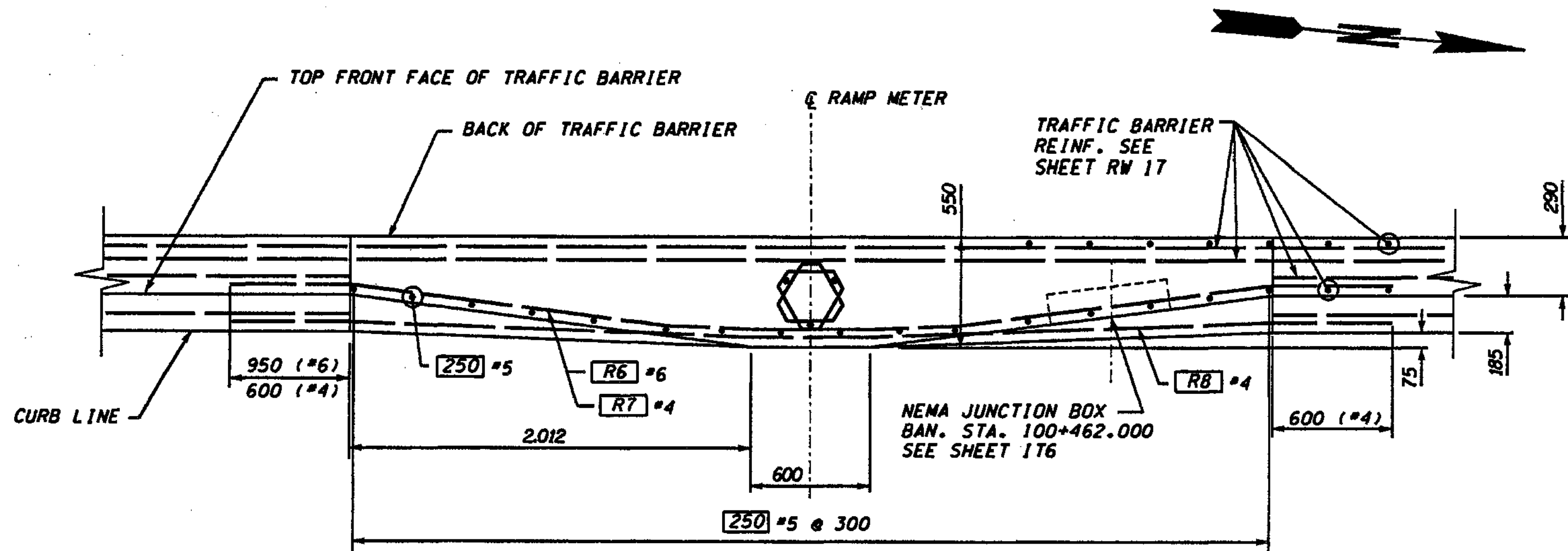
BRIDGE SHEET NO. RW18  
SHEET 403  
1152 SHEETS





ht:\2016-oe\i\dgn\C2\C2-FINAL\RW020\_C2.DGN

SR\_405\_JOB NO. SHEET Administrator 11/22/2002 11:33:10 AM



PLAN - TRAFFIC BARRIER @ RAMP METER

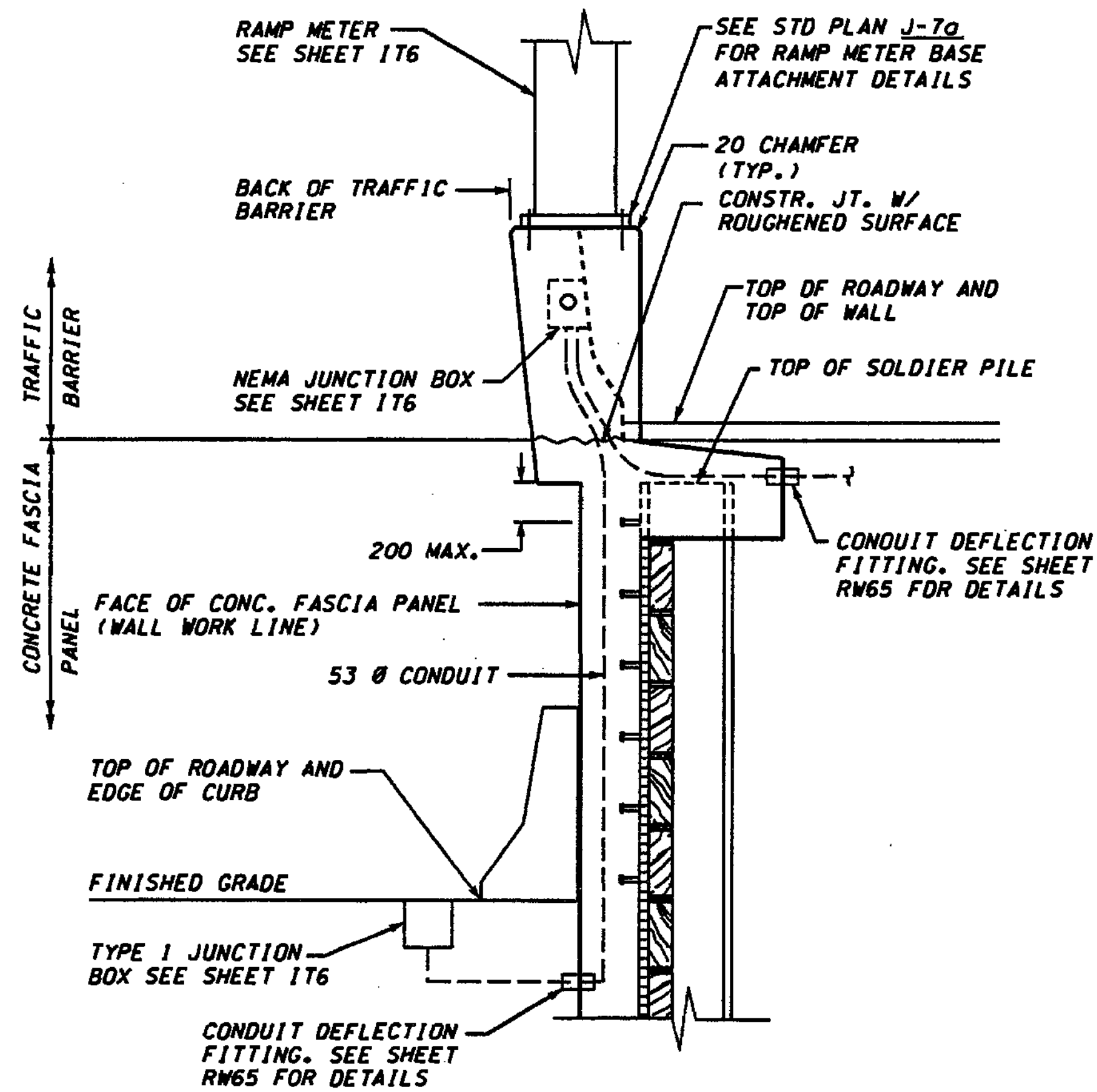
### TRAFFIC BARRIER @ RAMP METER BAR LIST

ALL REINFORCING SHALL BE AASHTO M31, GR. 60

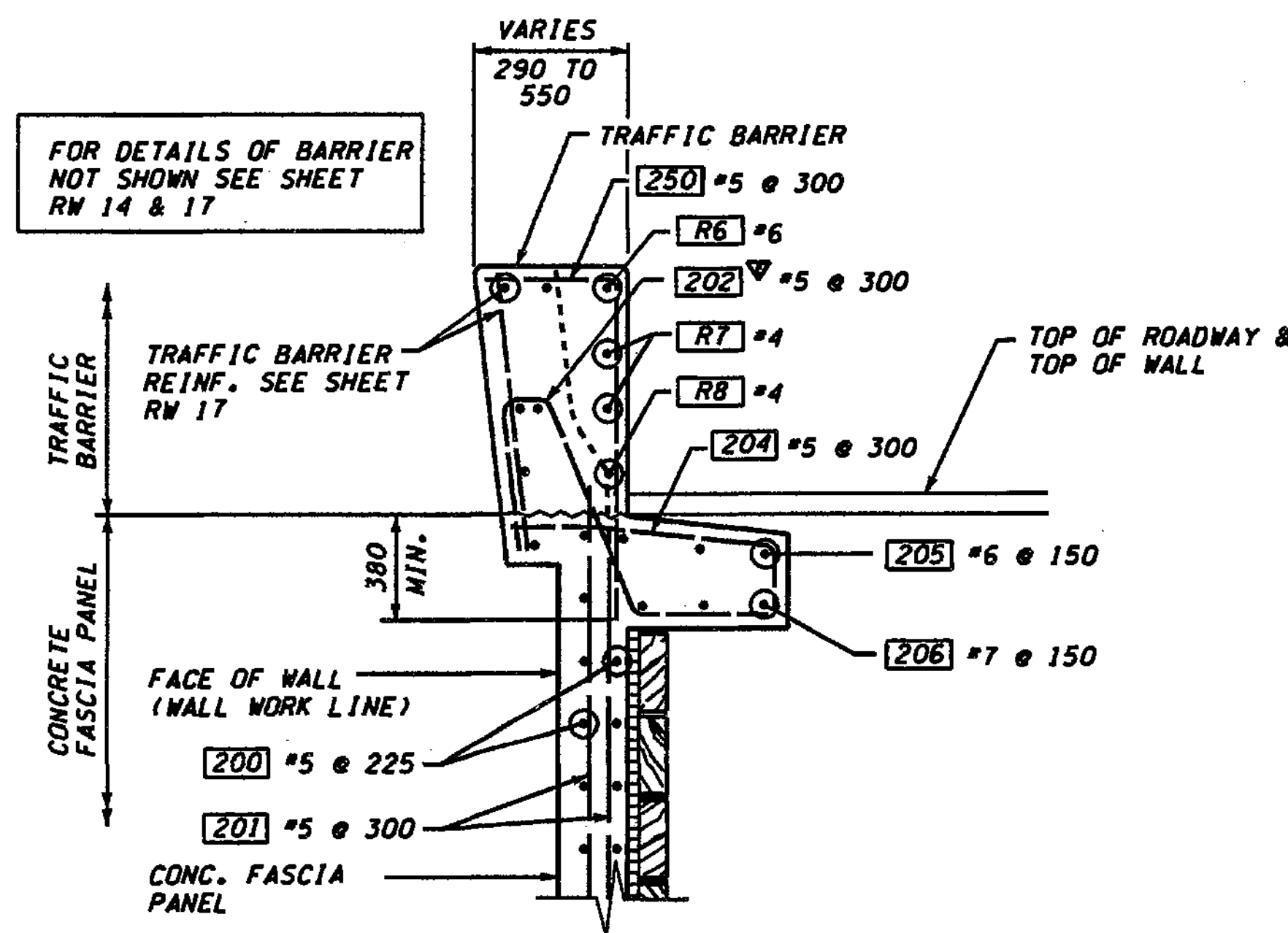
MARK	SIZE	LENGTH
R6	6	6.560
R7	4	5.860
R8	4	5.830

BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)

Diagram showing the bending diagrams for reinforcement bars R6, R7, and R8. Dimensions are in millimeters.



SECTION @ BAN STA. 100+460.533



TRAFFIC BARRIER REINF. @ RAMP METER BAN-STA. 100+457.921 TO 100+463.145

### RETAINING WALL BAR LIST

ALL REINFORCING SHALL BE AASHTO M31, GR. 60

MARK	SIZE	LENGTH
250	5	VARIES

BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)

Diagram showing the bending diagram for retaining wall reinforcement bar 250. Dimensions are in millimeters.

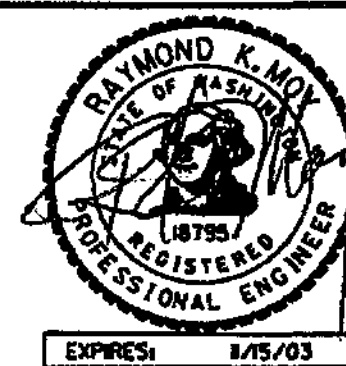
FOR "AS CONSTRUCTED PLANS" ONLY

**METRIC LEGEND:**

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.	DATE	REVISION	BY
SUPERVISOR			
DESIGNED BY A.K.F.	12/02		
ENTERED BY H.N.	12/02		
CHECKED BY R.K.M.	12/02		
PROJ. ENGR. D. CIERI	12/02		
REGIONAL ADM. L. ENG	12/02		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		



ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

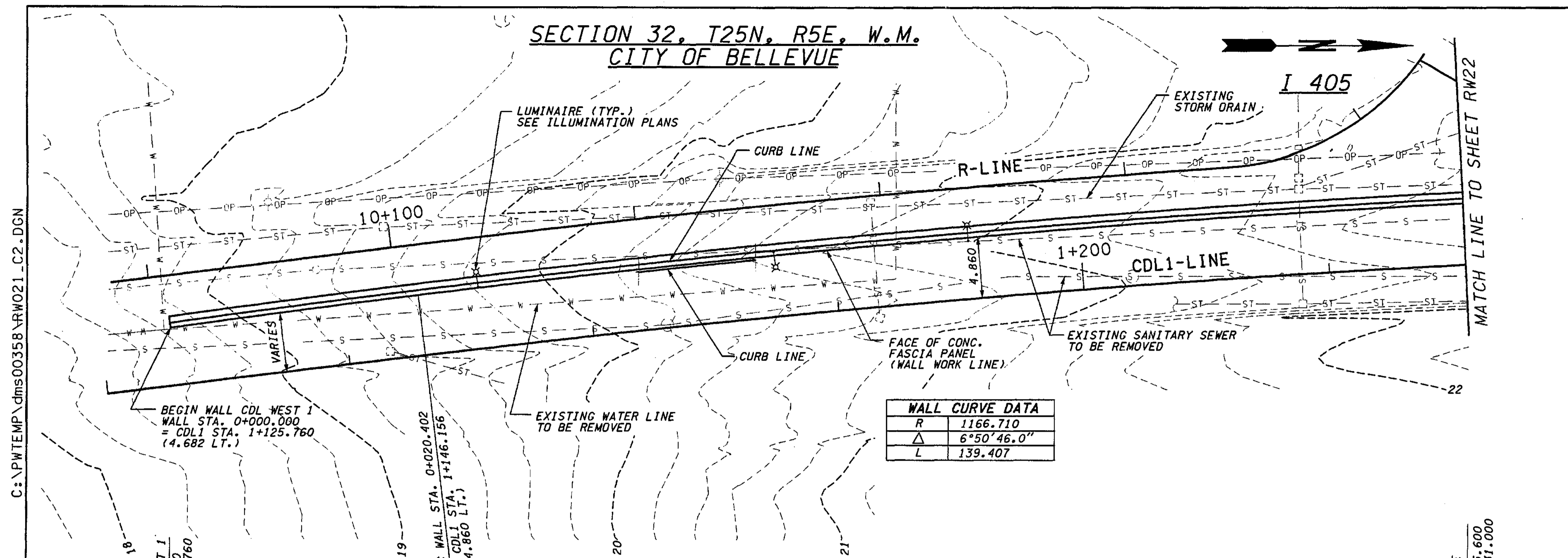
HDR ENGINEERING INC. L & A L & ASSOCIATES, INC. Consulting Engineers

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

RETAINING WALL BAN EAST 2

BRIDGE SHEET NO. RW20  
SHEET 405 1152 SHEETS

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



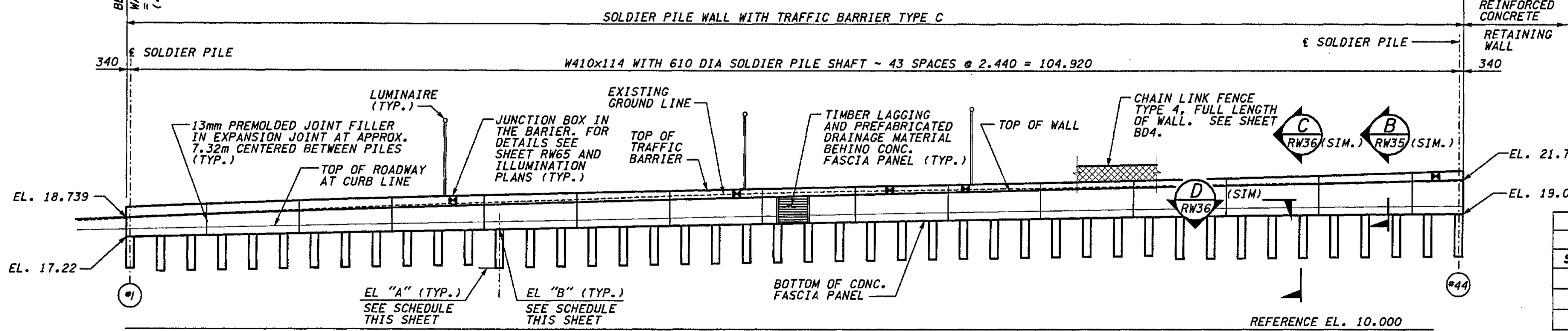
**WALL CURVE DATA**

R	1166.710
Δ	6°50'46.0"
L	139.407

PLAN - WALL CDL WEST 1

**SOLDIER PILE SHAFT ELEVATION SCHEDULE**

SHAFT #	WALL STATION	BOTTOM ELEV. "A"	TOP ELEV. "B"	TOP OF WALL ELEV.
#1	0+000.340	14.17	17.22	18.753
#2	0+002.780	14.22	17.27	18.853
#3	0+005.220	14.28	17.33	18.950
#4	0+007.660	14.33	17.38	19.046
#5	0+010.100	14.38	17.43	19.139
#6	0+012.540	14.43	17.48	19.230
#7	0+014.980	14.48	17.53	19.318
#8	0+017.420	14.54	17.59	19.404
#9	0+019.860	14.59	17.64	19.487
#10	0+022.300	14.64	17.69	19.568
#11	0+024.740	14.69	17.74	19.647
#12	0+027.180	14.74	17.79	19.724
#13	0+029.620	14.79	17.84	19.798
#14	0+032.060	14.84	17.89	19.869
#15	0+034.500	14.89	17.94	19.939
#16	0+036.940	14.94	18.00	20.006
#17	0+039.380	14.99	18.05	20.073
#18	0+041.820	15.04	18.10	20.140
#19	0+044.260	15.09	18.15	20.206
#20	0+046.700	15.14	18.20	20.272
#21	0+049.140	15.19	18.25	20.339
#22	0+051.580	15.24	18.30	20.405
#23	0+054.020	15.29	18.35	20.472
#24	0+056.460	15.34	18.40	20.538
#25	0+058.900	15.39	18.45	20.605
#26	0+061.340	15.44	18.50	20.670
#27	0+063.780	15.49	18.55	20.735
#28	0+066.220	15.54	18.60	20.798
#29	0+068.660	15.59	18.65	20.861
#30	0+071.100	15.64	18.70	20.922
#31	0+073.540	15.69	18.75	20.983
#32	0+075.980	15.74	18.80	21.042
#33	0+078.420	15.79	18.85	21.101
#34	0+080.860	15.84	18.90	21.157
#35	0+083.300	15.89	18.95	21.214
#36	0+085.740	15.94	19.00	21.266
#37	0+088.180	15.99	19.05	21.318
#38	0+090.620	16.04	19.10	21.372
#39	0+093.060	16.09	19.15	21.425
#40	0+095.500	16.14	19.20	21.481
#41	0+097.940	16.19	19.25	21.545
#42	0+100.380	16.24	19.30	21.609
#43	0+102.820	16.29	19.35	21.673
#44	0+105.260	16.34	19.40	21.736



DEVELOPED ELEVATION - WALL CDL WEST 1

FOR "AS CONSTRUCTED PLANS" ONLY

**JUNCTION BOX LOCATIONS**  
RETAINING WALL CDL WEST 1

STATION: CDL1-LINE	TYPE	SIZE (mm)	LOCATION
1+151.00	LT	460x205x205	IN BARRIER
1+174.00	LT	460x205x205	IN BARRIER
1+186.00	LT	460x205x205	IN BARRIER
1+192.00	LT	460x205x205	IN BARRIER
1+229.00	LT	460x205x205	IN BARRIER
1+231.40	SPARE	460x205x205	IN BARRIER
1+271.00	LT	460x205x205	IN BARRIER
1+273.40	SPARE	460x205x205	IN BARRIER
1+311.00	LT	460x205x205	IN BARRIER
1+313.40	SPARE	460x205x205	IN BARRIER

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

L 405 JOB NO. 12/03/2002 10:39:21 AM keller

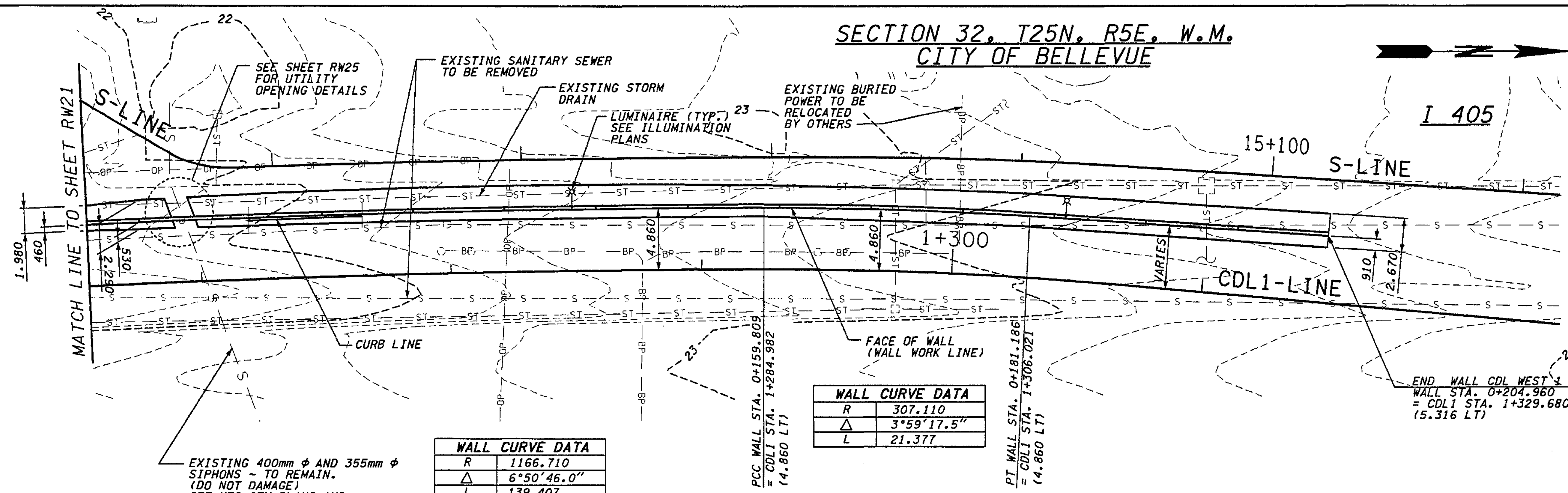
BRIDGE DESIGN ENGR. SUPERVISOR	DESIGNED BY BTA 12/02	ENTERED BY JAS 12/02	CHECKED BY JHS 12/02	PROJ. DYER, D. CIERI 12/02	REGIONAL ADM. D. DYE 12/02	REGION NO. 10	STATE WASH	FED. AID PROJ. NO.	JOB NUMBER 02A012	CONTRACT NO.	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER	Washington State Department of Transportation	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW21
DATE	DATE	REVISION	BY							HDR ENGINEERING INC.		RETAINING WALL CDL WEST 1	SHEET 406 OF 1152 SHEETS	



C:\PWTEMP\dms00358\RW022\_C2.DGN

I-405 JOB NO. SHEET 12/03/2002 10:39:51 AM

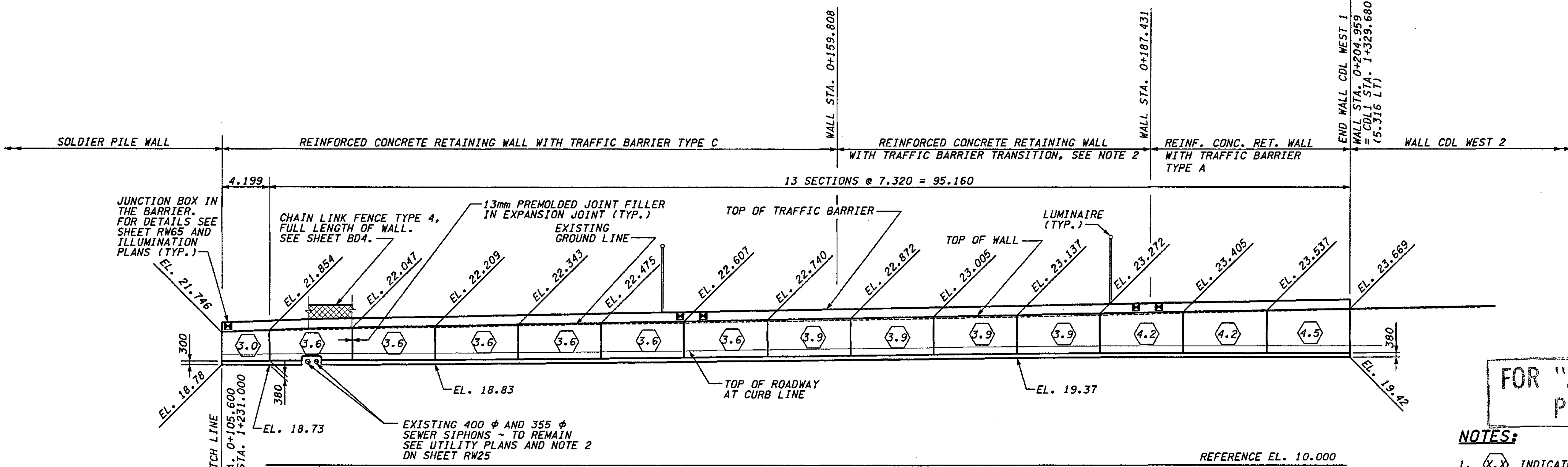
SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



WALL CURVE DATA	
R	1166.710
Δ	6°50'46.0"
L	139.407

WALL CURVE DATA	
R	307.110
Δ	3°59'17.5"
L	21.377

PLAN - WALL CDL WEST 1



DEVELOPED ELEVATION - WALL CDL WEST 1

FOR "AS CONSTRUCTED PLANS" ONLY

NOTES:

- (X.X) INDICATES DESIGN WALL HEIGHT "H" FOR SELECTING REINFORCEMENT. SEE TABLE ON SHEET RW23.
- PROVIDE SMOOTH TRANSITION FROM TRAFFIC BARRIER TYPE C TO TYPE A.
- FOR JUNCTION BOX SCHEDULE SEE SHEET RW21.

DATUM  
NAVD OF 1988

METRIC LEGEND:

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR. SUPERVISOR	DESIGNED BY	ENTERED BY	CHECKED BY	PROJ.D. DYER. D. CIERI	REGIONAL ADM. D. DYE	DATE	DATE	REVISION	BY
	BTA	JAS	JHS			12/02			
						12/02			
						12/02			
						12/02			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

12/06/02

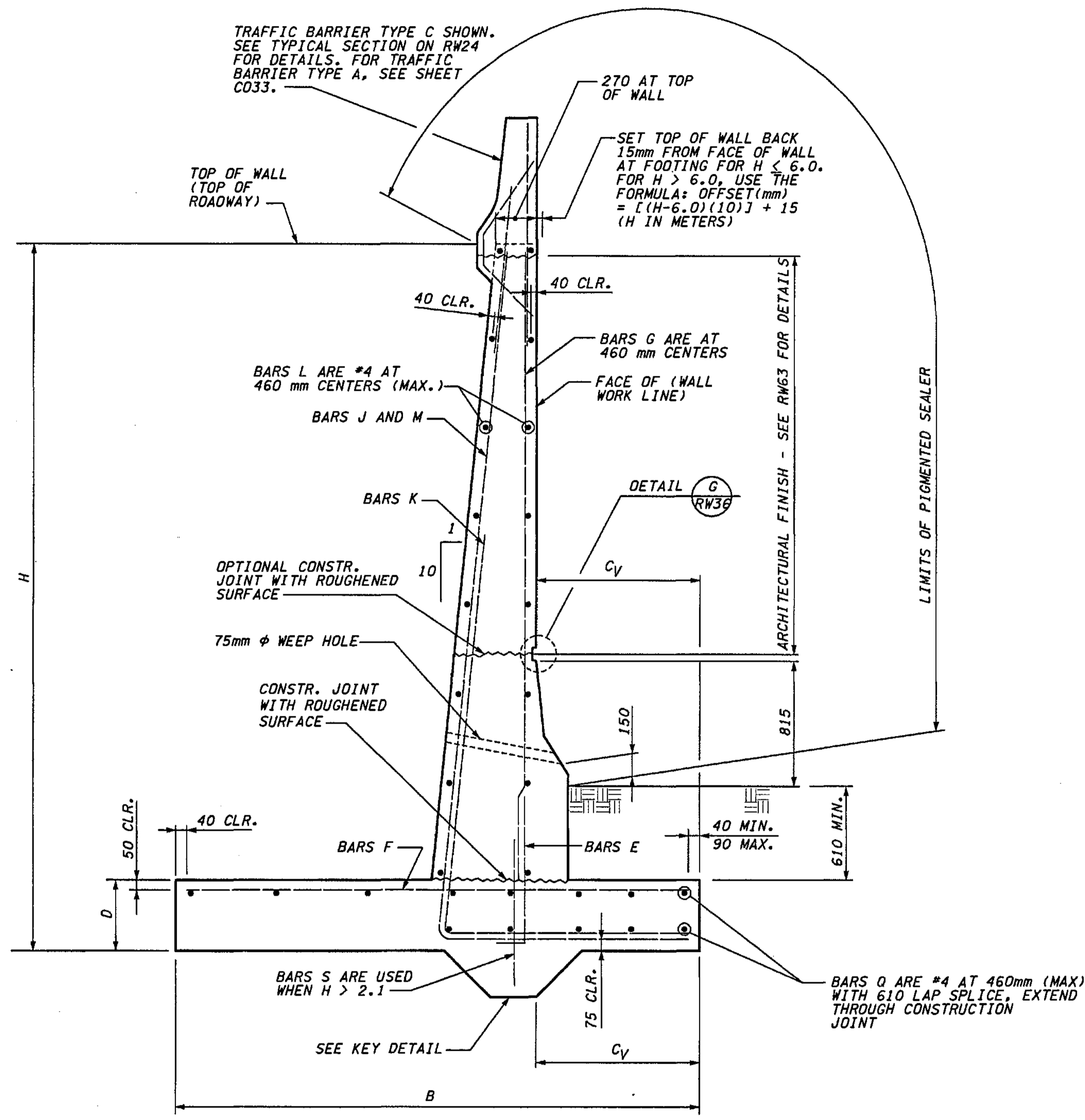
Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL CDL WEST 1

BRIDGE SHEET NO. RW22  
SHEET 407 OF 1152 SHEETS

SR 405 JOB NO. SHEET 12/03/2002 10:40:00 AM  
 C:\PWTEMP\dms00358\RW023\_C2.dgn  
 I Keller

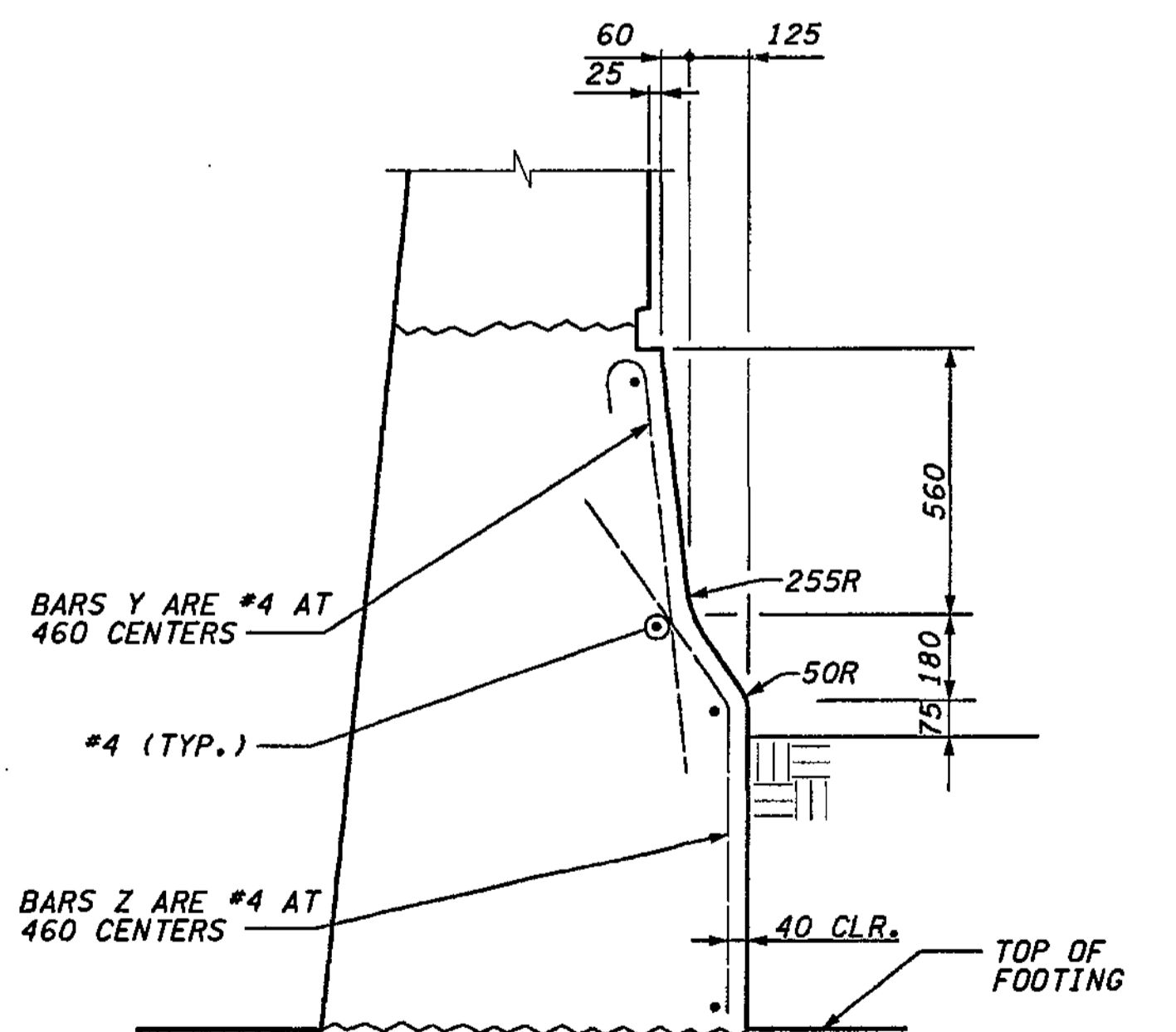


**TYPICAL SECTION**

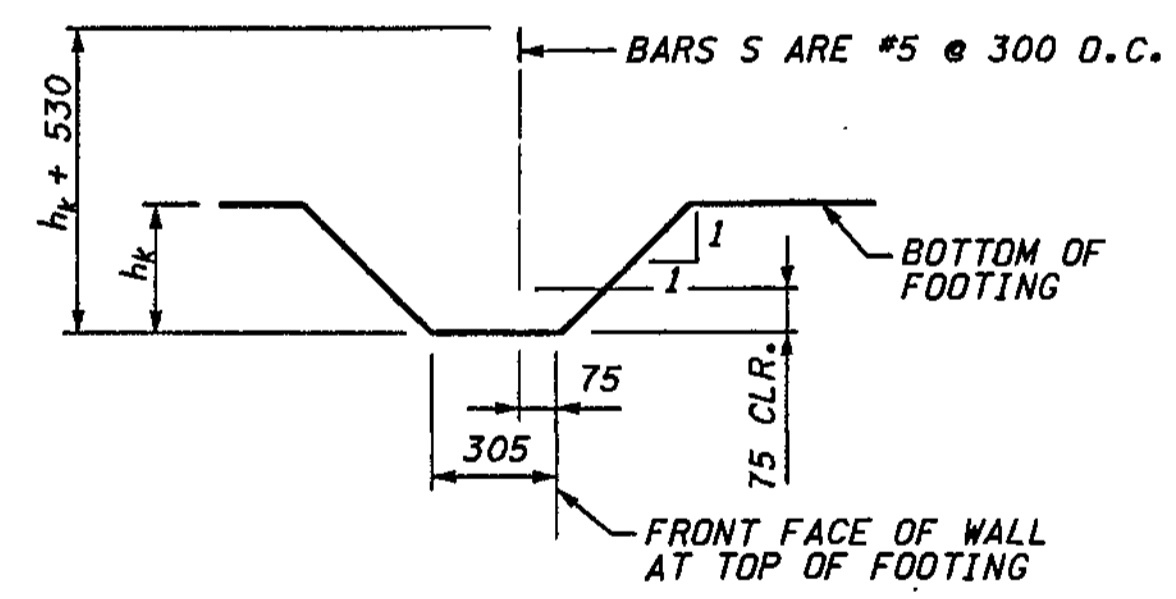
**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

DIMENSIONS					FOOTING REINFORCEMENT												STEM REINFORCEMENT			
H (m)	B (mm)	$C_v$ (mm)	D (mm)	$h_v$ (mm)	BAR E (SIZE #4)				BAR F				BAR K				BAR G (SIZE #4)			
					SPACING (mm)	LENGTH (mm)	h (mm)	b (mm)	SIZE	SPACING (mm)	LENGTH (mm)	SIZE	SPACING (mm)	LENGTH (mm)	h (mm)	b (mm)	LENGTH (mm)			
1.8	1680	300	300	0	460	1040	840	200	#4	200	1530	#5	230	2280	1680	600	1450			
2.1	1680	300	300	0	460	1040	840	200	#4	200	1530	#5	230	2610	1980	630	1750			
2.4	1750	300	300	300	460	1040	840	200	#5	250	1600	#5	230	2940	2280	660	2050			
2.7	1830	380	300	300	460	1040	840	200	#5	250	1680	#5	230	3350	2580	770	2350			
3.0	1980	460	300	300	460	1040	840	200	#5	250	1830	#5	230	3760	2880	880	2650			
3.3	2130	530	300	300	460	1040	840	200	#5	250	1980	#5	230	4160	3180	980	2950			
3.6	2290	530	380	300	460	1110	910	200	#5	230	2140	#5	230	4480	3480	1000	3170			
3.9	2440	610	380	300	460	1110	910	200	#5	230	2290	#5	230	4890	3780	1110	3470			
4.2	2510	760	380	300	460	1110	910	200	#5	230	2360	#5	200	5370	4080	1290	3770			
4.5	2670	910	380	380	460	1110	910	200	#5	230	2520	#5	180	5850	4380	1470	4070			
4.8	2740	1070	460	380	460	1190	990	200	#5	280	2590	#5	150	6330	4680	1650	4290			
5.1	2900	1140	460	380	460	1190	990	200	#5	250	2750	#6	200	6730	4980	1750	4590			
5.4	3050	1220	460	380	460	1190	990	200	#5	200	2900	#6	180	7140	5280	1860	4890			
5.7	3210	1220	460	380	460	1190	990	200	#5	200	3060	#6	180	7470	5580	1890	5190			
6.0	3280	1220	530	380	460	1270	1070	200	#5	180	3130	#6	180	7800	5880	1920	5420			
6.3	3430	1300	530	380	460	1270	1070	200	#5	180	3280	#6	300	8130	6180	2030	5720			
6.6	3510	1370	610	380	460	1340	1140	200	#5	180	3360	#6	300	8460	6480	2120	5940			
6.9	3660	1370	610	460	460	1340	1140	200	#6	230	3510	#6	300	8790	6780	2150	6240			
7.2	3890	1450	610	460	460	1340	1140	200	#6	230	3740	#7	400	9120	7080	2260	6540			
7.5	4040	1450	610	460	460	1340	1140	200	#6	180	3890	#7	360	9450	7380	2290	6840			

BAR	RADIUS (mm)	MIN. SPLICE (mm)
#4	-	610
#5	230	610
#6	280	640



**TRAFFIC BARRIER ON FACE OF WALL**



**KEY DETAIL**

**NOTES:**  
 1. FOR BACKFILL AND DRAINAGE REQUIREMENTS, SEE WSDOT "BACKFILL AND DRAINAGE FOR RETAINING WALLS" STANDARD PLAN D-4.

**FOR "AS CONSTRUCTED PLANS" ONLY**

BRIDGE DESIGN ENGR.	REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR	10	WASH	
DESIGNED BY BTA	12/02		
ENTERED BY JAS	12/02		
CHECKED BY JHS	12/02		
PROJ. ENGR. D. CIERI	12/02		
REGIONAL ADM. D. DYE	12/02		
DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

H. Szymanski  
 PROFESSIONAL ENGINEER  
 EXPIRES: 09/09/04

Washington State Department of Transportation

HDR ENGINEERING INC.

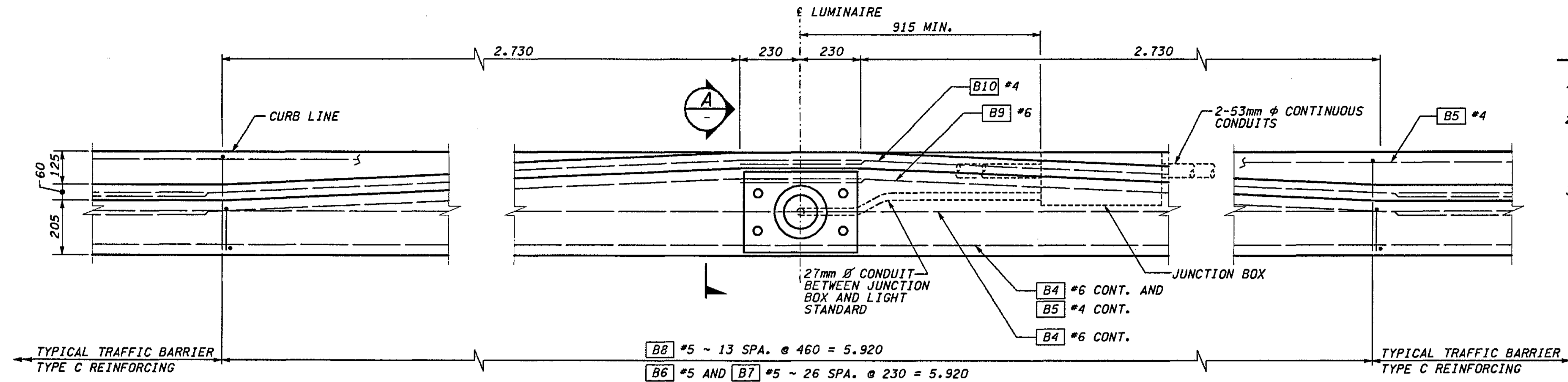
I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

RETAINING WALL CDL WEST 1

BRIDGE SHEET NO. RW23

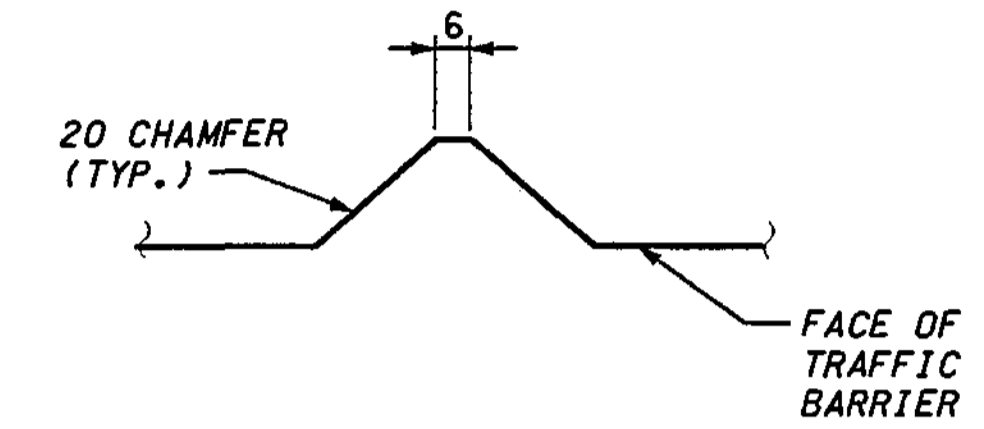
SHEET 408 OF 1152 SHEETS





**NOTES:**

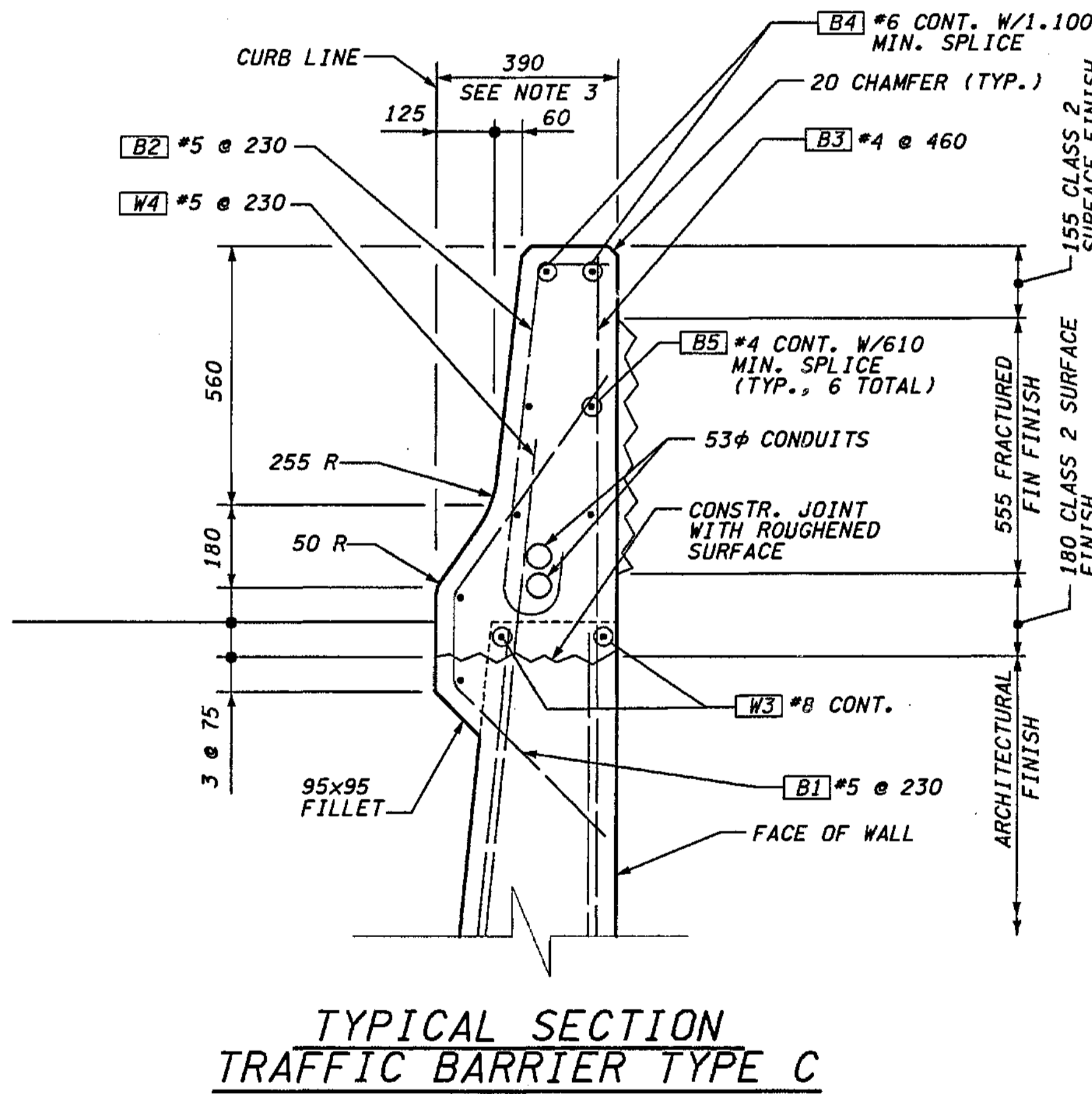
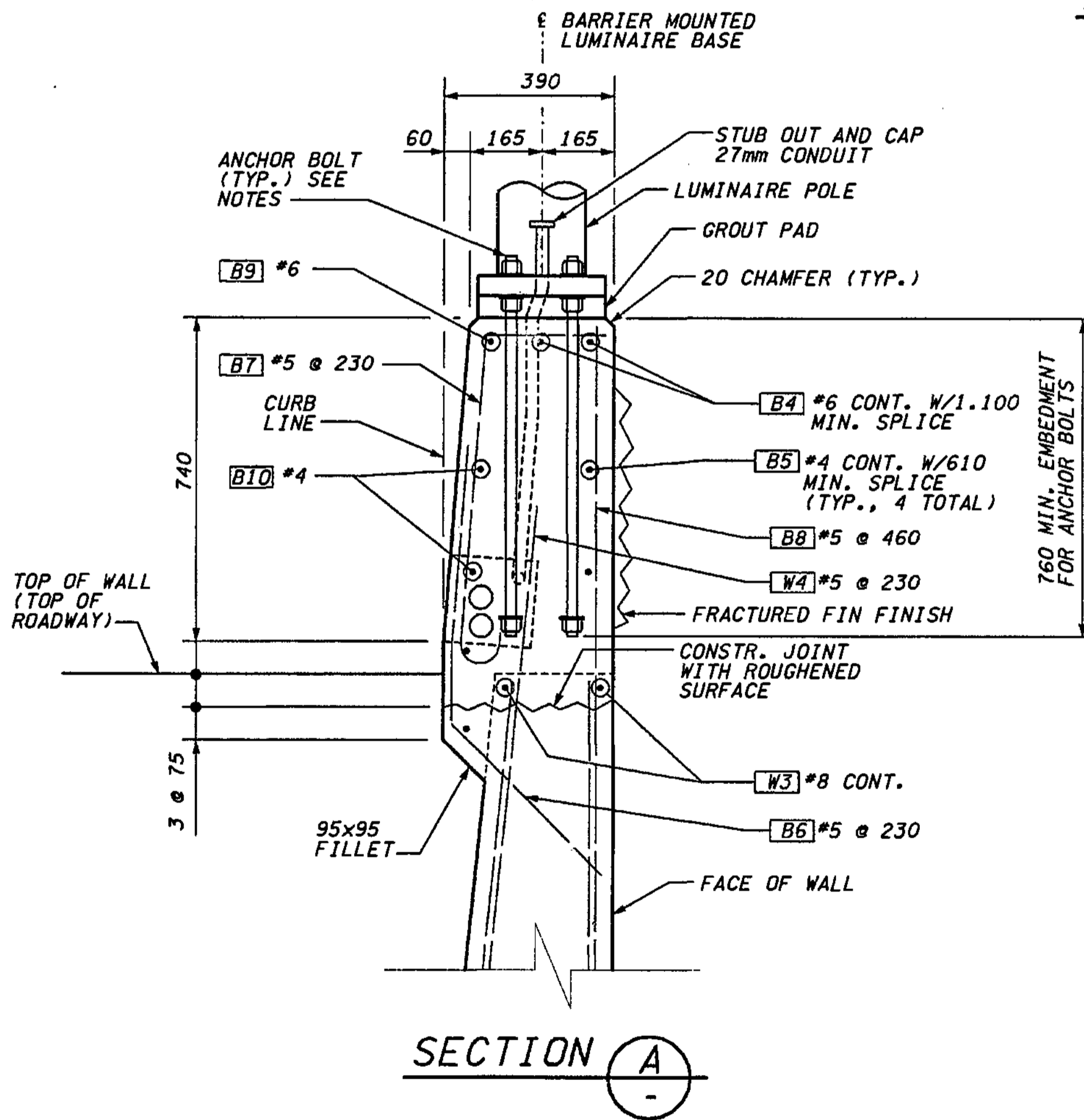
- FOR LOCATION AND DETAILS OF LUMINAIRES REFER TO ILLUMINATION PLANS.
- MATERIAL SPECIFICATIONS:  
ANCHOR BOLTS SHALL CONFORM TO THE SPECIFICATIONS OF THE LUMINAIRE POLE MANUFACTURER'S PRE-APPROVED DRAWING.
- DIMENSION VARIES FROM 390 TO 810 IN TRAFFIC BARRIER TRANSITION.



**DUMMY JOINT SECTION**

OMIT ON BACK FACE OF TRAFFIC BARRIER

**LUMINAIRE BASE AT TRAFFIC BARRIER TYPE C**



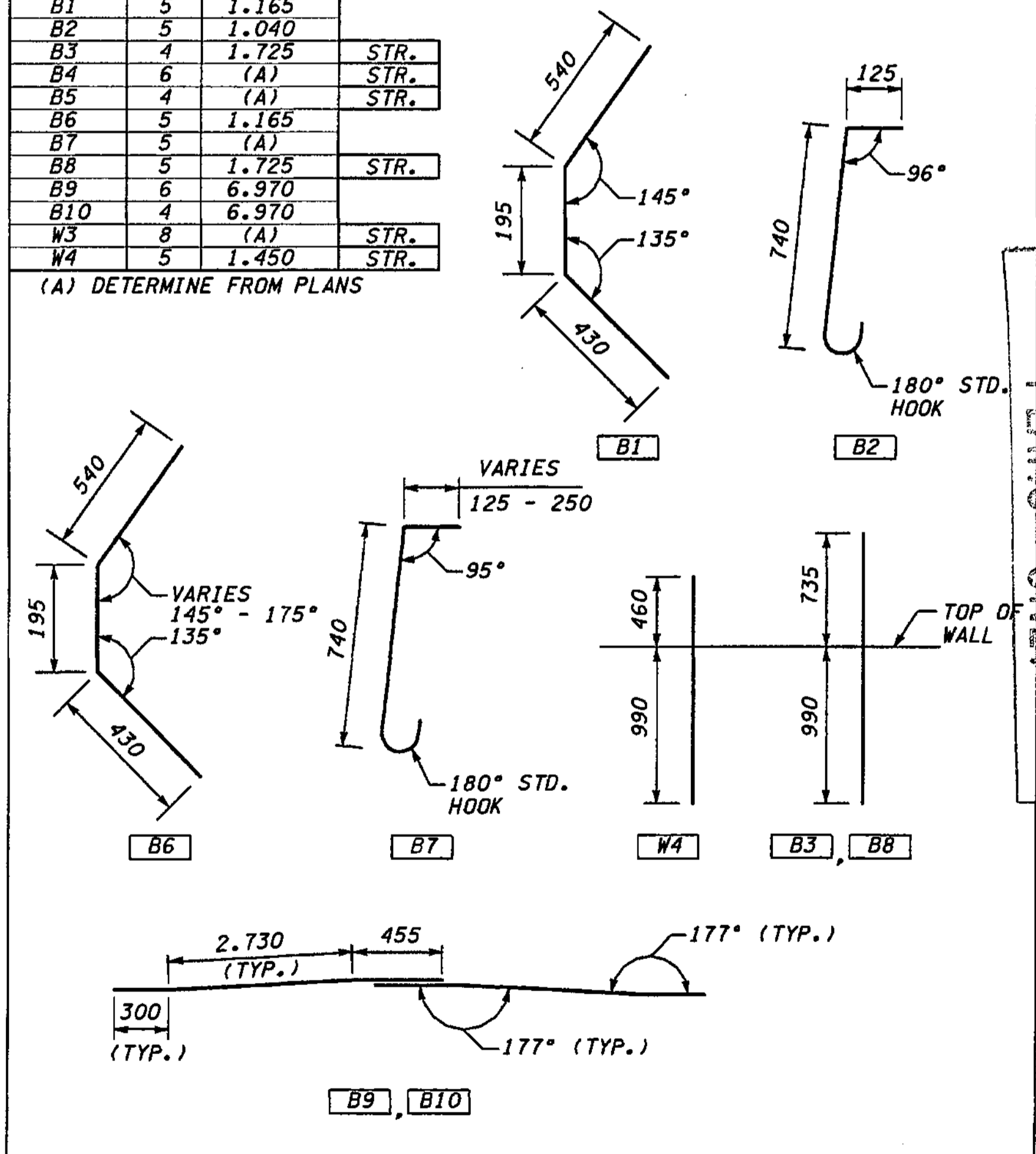
**TRAFFIC BARRIER TYPE C BAR LIST**

ALL REINFORCING SHALL BE AASHTO M 31, GR. 60.

BEND DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)

MARK	SIZE	LENGTH	
B1	5	1.165	
B2	5	1.040	
B3	4	1.725	STR.
B4	6	(A)	STR.
B5	4	(A)	STR.
B6	5	1.165	
B7	5	(A)	
B8	5	1.725	STR.
B9	6	6.970	
B10	4	6.970	
W3	8	(A)	STR.
W4	5	1.450	STR.

(A) DETERMINE FROM PLANS



FOR "AS CONSTRUCTED" PLANS ONLY

**METRIC LEGEND:**

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.	REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR	10	WASH	
DESIGNED BY BTA	12/02		
ENTERED BY JAS	12/02		
CHECKED BY JHS	12/02		
PROJ. ENGR. D. CIERI	12/02		
REGIONAL ADM. D. DYE	12/02		
DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

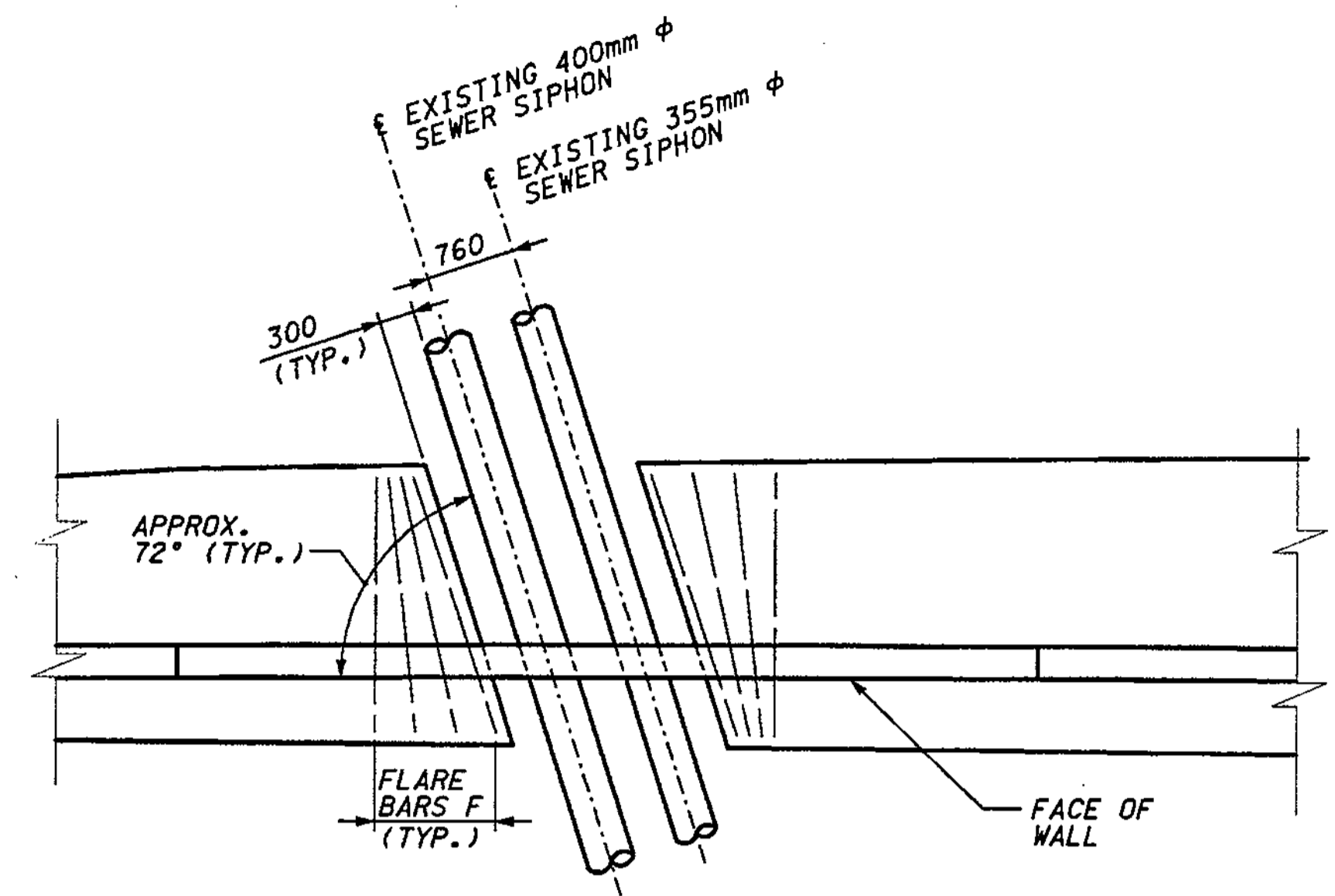
ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  
Washington State Department of Transportation  
HDR ENGINEERING INC.  
EXP. 09/03/04

Washington State Department of Transportation  
HDR ENGINEERING INC.

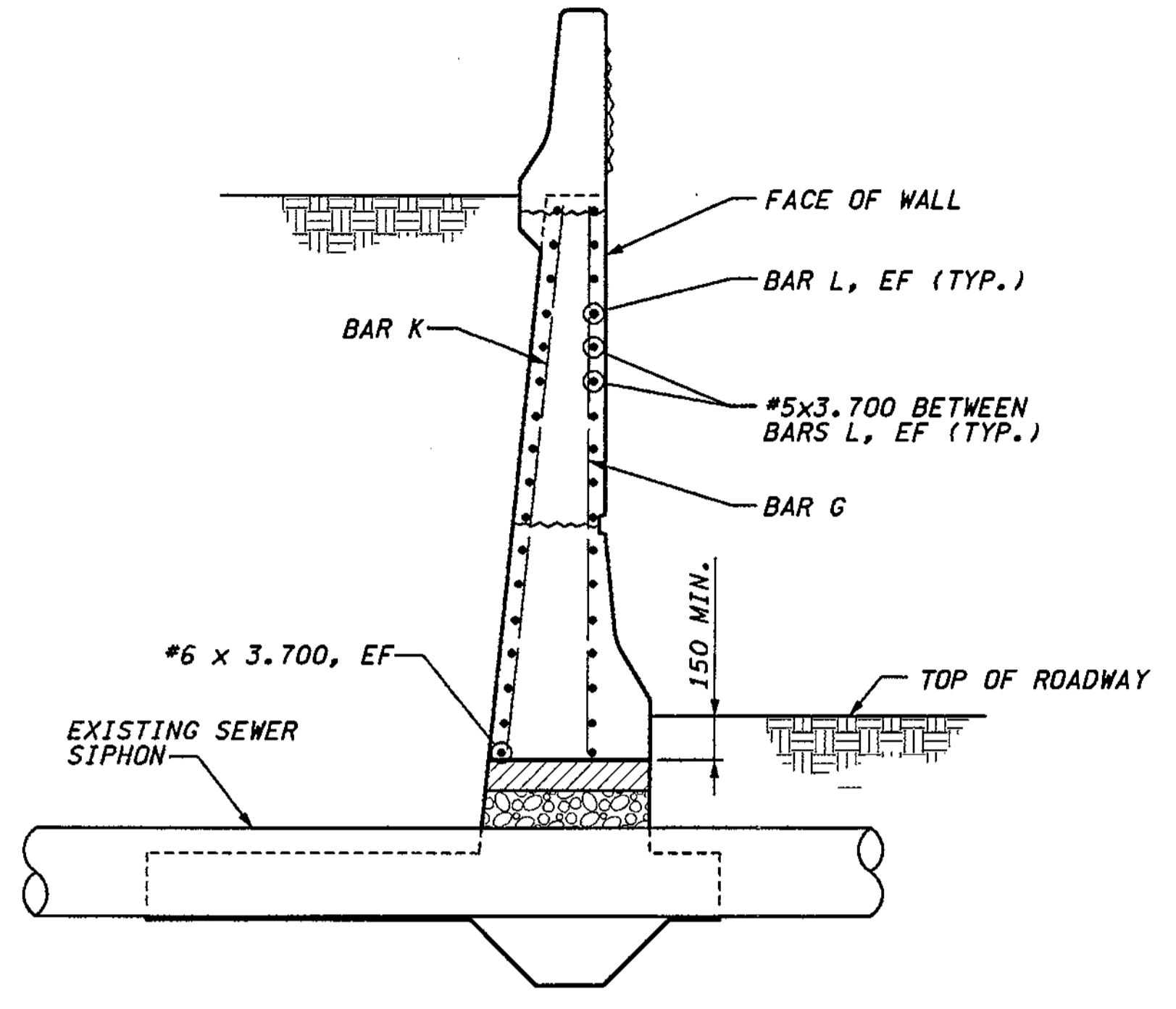
I 405 BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL CDL WEST 1

BRIDGE SHEET NO. RW24  
SHEET 409 OF 1152 SHEETS

SR 405 JOB NO. SHEET 12/03/2002 10:40:21 AM  
 C:\PWTEMP\dms00358\RW025\_C2.dgn  
 ikeller



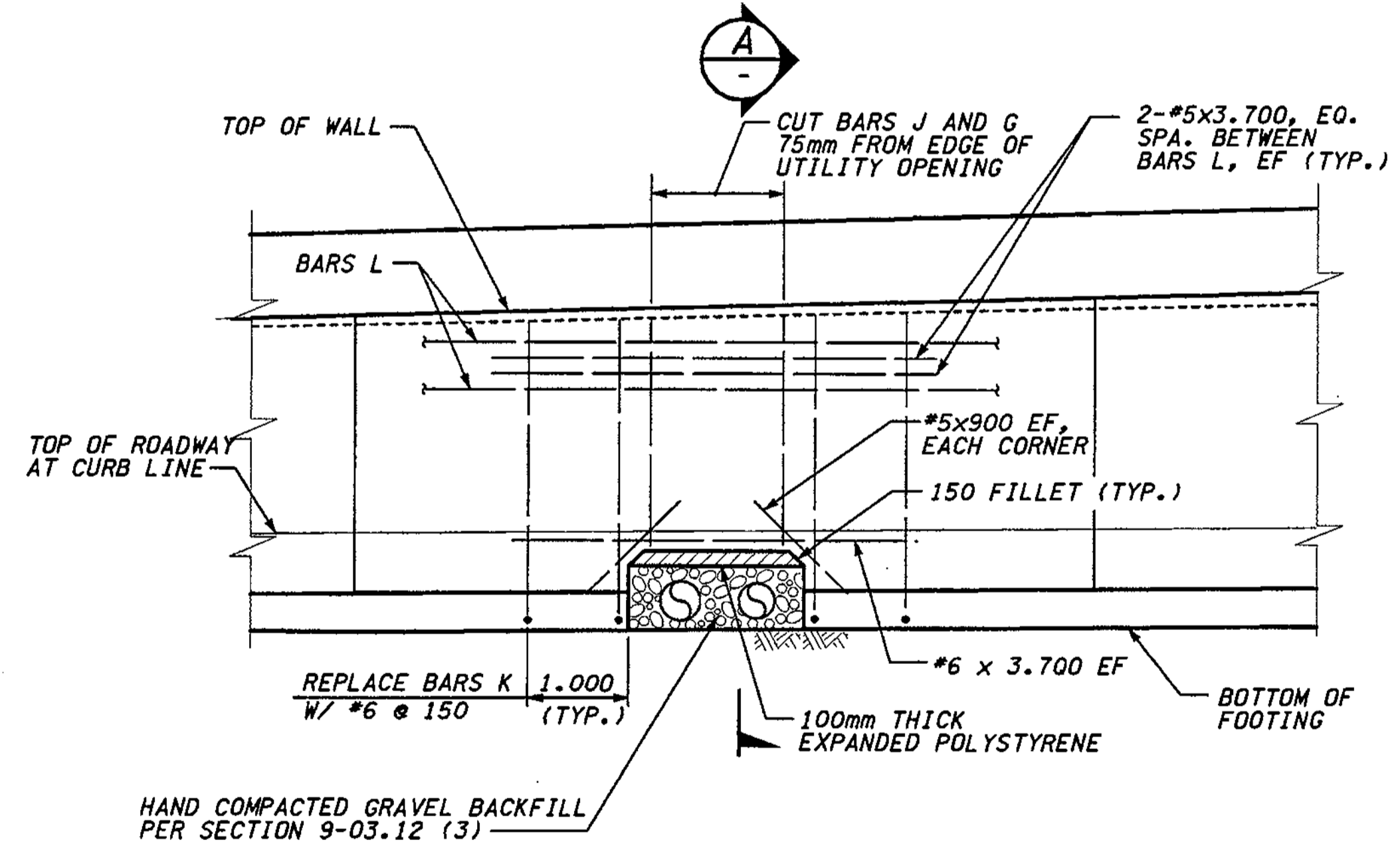
**PLAN**  
**EXISTING SEWER SIPHONS AT WALL CDL WEST 1**  
 (AT WALL CDL EAST 1 - SIMILAR)



**SECTION A**

**NOTES:**

1. SEE UTILITY PLANS FOR LOCATION OF EXISTING SEWER SIPHONS.
2. THE CONTRACTOR SHALL LOCATE EXISTING SIPHONS PRIOR TO WALL CONSTRUCTION. IF SIPHONS ACTUAL LOCATION VARIES FROM THAT SHOWN IN THE PLANS THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO WALL CONSTRUCTION.



**ELEVATION**  
**EXISTING SEWER SIPHONS AT WALL CDL WEST 1**  
 (AT WALL CDL EAST 1 - SIMILAR)

**METRIC LEGEND:**

29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

FOR "AS CONSTRUCTED  
 PLANS" ONLY

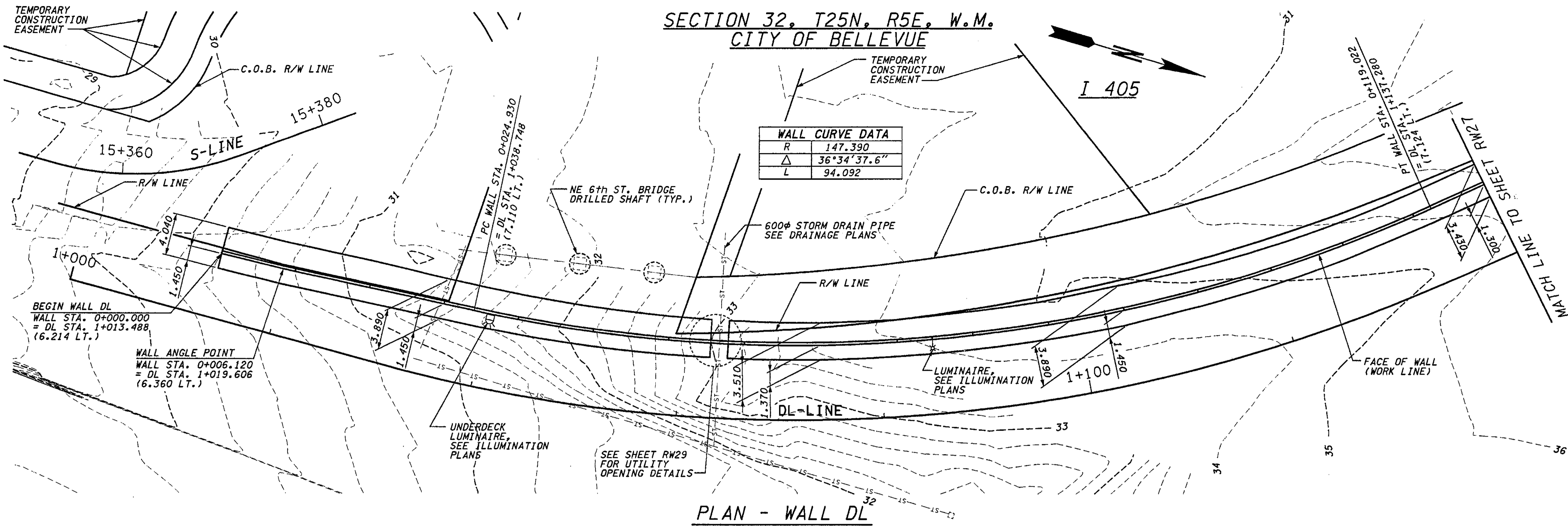
BRIDGE DESIGN ENGR.		REGION NO. STATE		FED. AID PROJ. NO.				I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. <b>RW25</b>
SUPERVISOR		10 WASH							
DESIGNED BY	KJW 12/02	JOB NUMBER		O2A012		RETAINING WALL CDL WEST 1			
ENTERED BY	JAS 12/02	CONTRACT NO.							
CHECKED BY	BTA 12/02	DATE		DATE		REVISION		BY	
PROJ. ENGR.	D. CIERI 12/02								
REGIONAL ADM.	D. DYE 12/02								



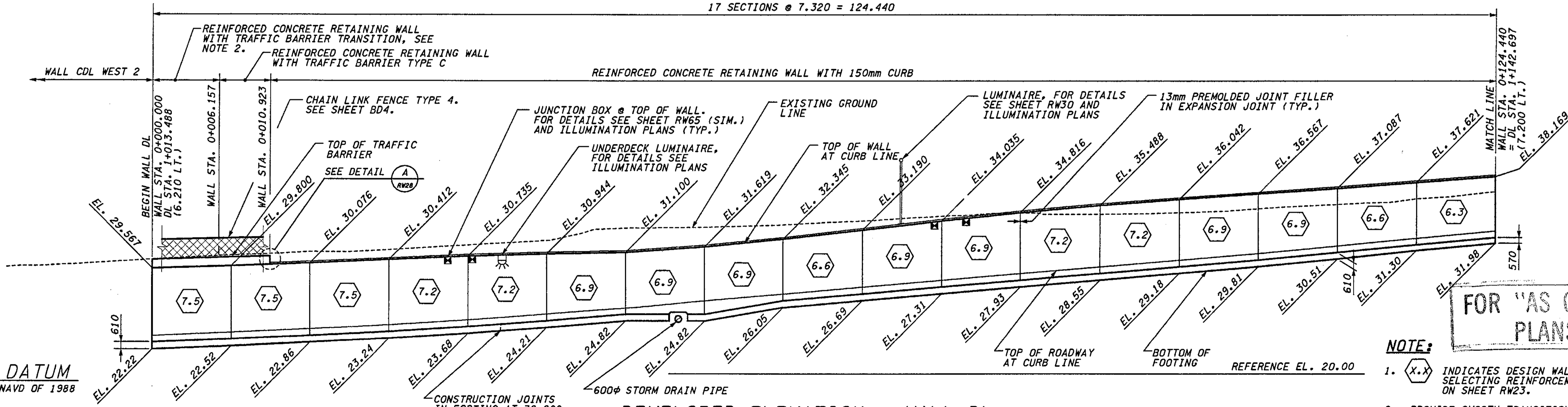
C:\PWTEMP\dms00358\RW026\_C2.DGN

SR 405 JOB NO. SHEET 12/06/2002 02:02:16 PM

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



17 SECTIONS @ 7.320 = 124.440



DATUM  
NAVD OF 1988

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.					
SUPERVISOR					
DESIGNED BY	BTA	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	KJW	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*(Signature)*

EXPIRES 09/03/04

Washington State Department of Transportation

HDR ENGINEERING INC.

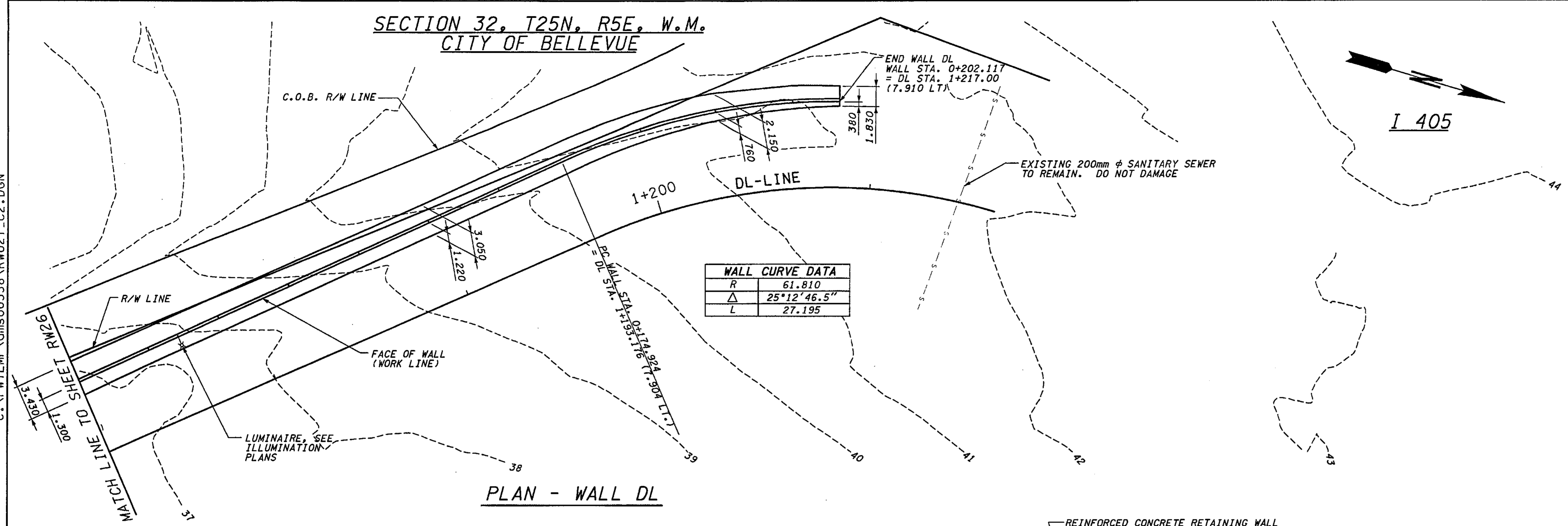
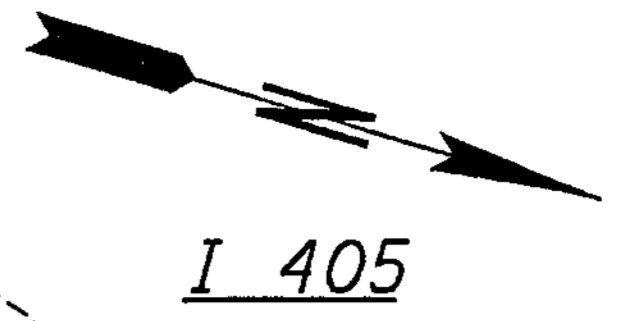
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL DL

BRIDGE SHEET NO. RW26

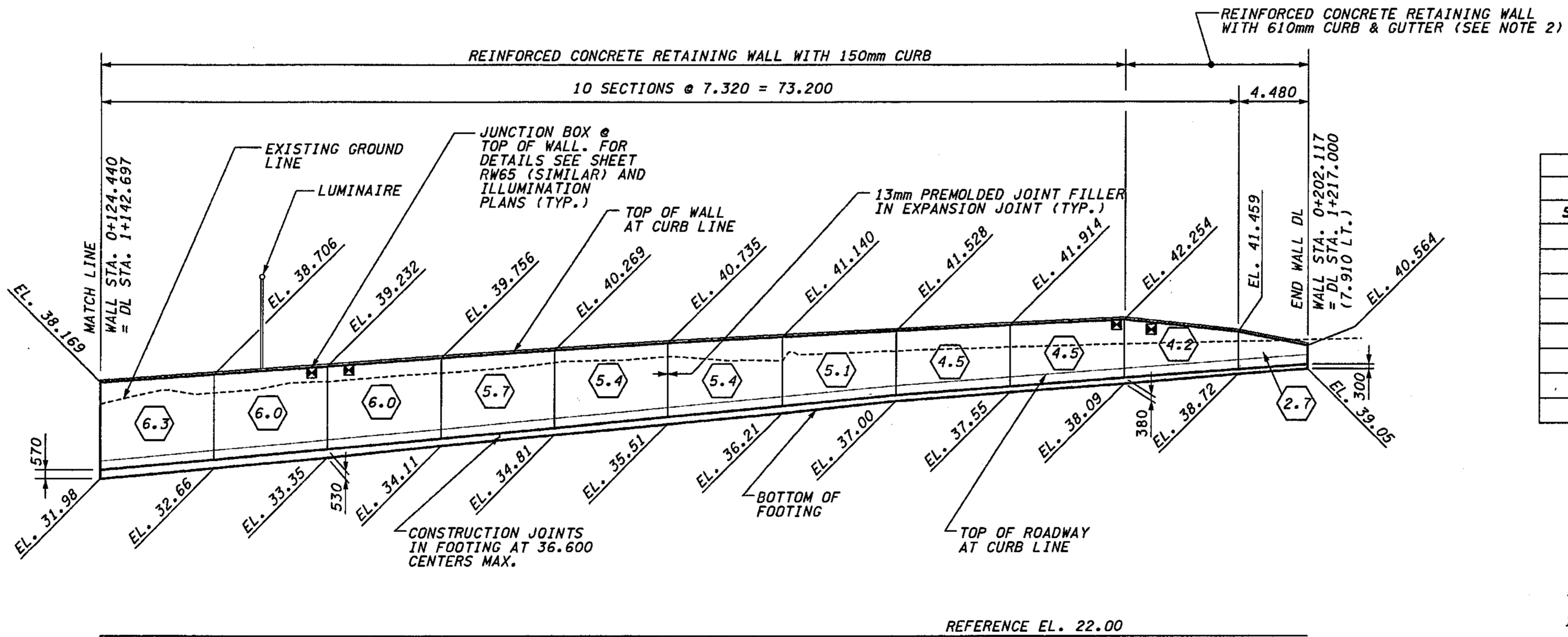
SHEET 411 OF 1152 SHEETS

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



WALL CURVE DATA	
R	61.810
Δ	25°12'46.5"
L	27.195

PLAN - WALL DL



JUNCTION BOX LOCATIONS RETAINING WALL DL			
STATION: DL-LINE	TYPE	SIZE (mm)	LOCATION
1+041.00	LT	460x205x205	TOP OF WALL
1+043.40	SPARE	460x205x205	TOP OF WALL
1+089.00	LT	460x205x205	TOP OF WALL
1+091.40	SPARE	460x205x205	TOP OF WALL
1+156.00	LT	460x205x205	TOP OF WALL
1+158.40	SPARE	460x205x205	TOP OF WALL
1+206.00	LT	460x205x205	TOP OF WALL
1+208.40	SPARE	460x205x205	TOP OF WALL

FOR "AS CONSTRUCTED  
PLANS" ONLY

- NOTE:**
- (X.X) INDICATES DESIGN WALL HEIGHT "H" FOR SELECTING REINFORCEMENT. SEE TABLE ON SHEET RW23.
  - PROVIDE SMOOTH TRANSITION FROM 150mm CURB TO 610mm CURB.

DEVELOPED ELEVATION - WALL DL

**DATUM**  
NAVD OF 1988

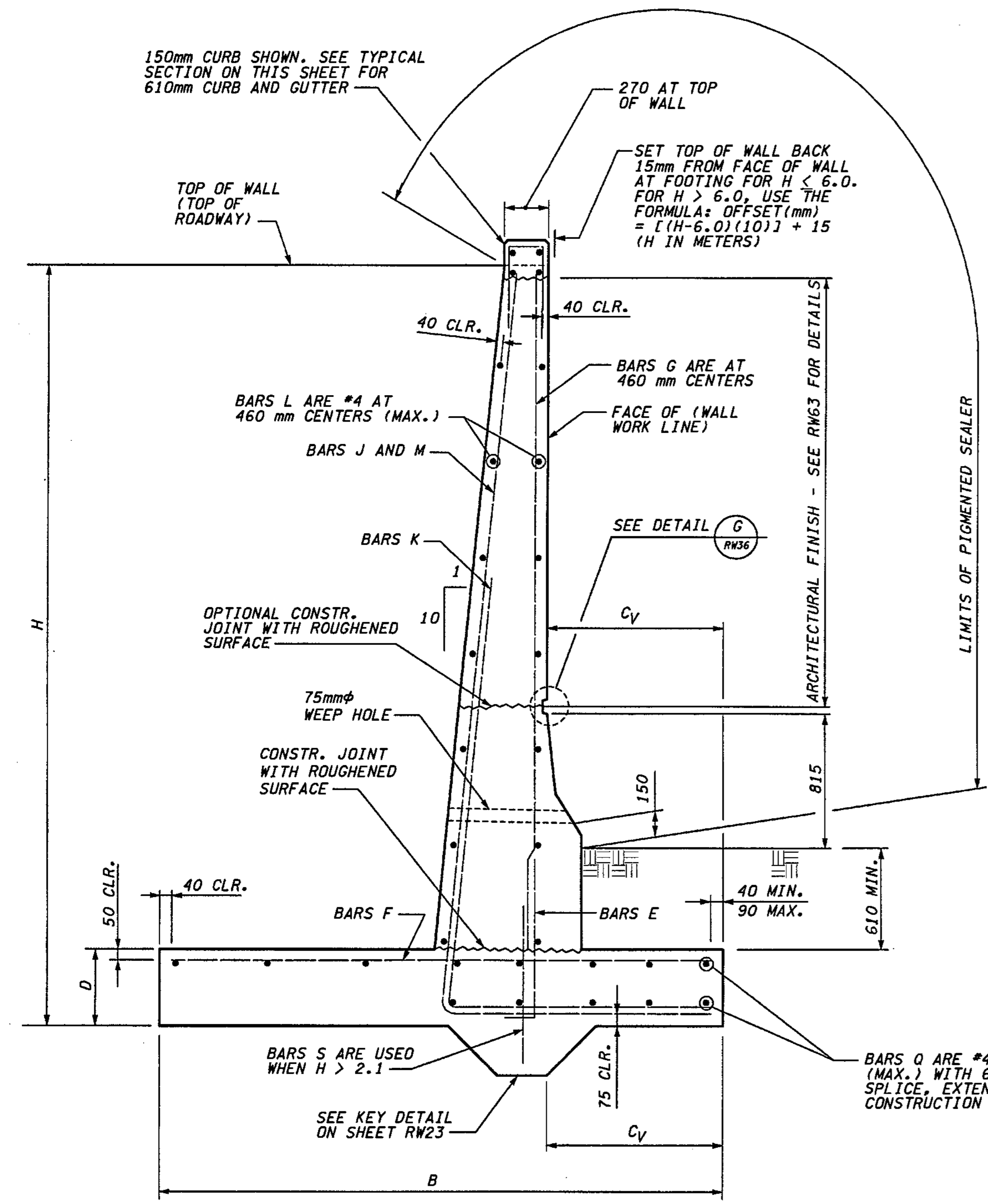
**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

SR\_405\_JOB NO. 12/06/2002 02:02:32 PM SHEET 412 OF 1152

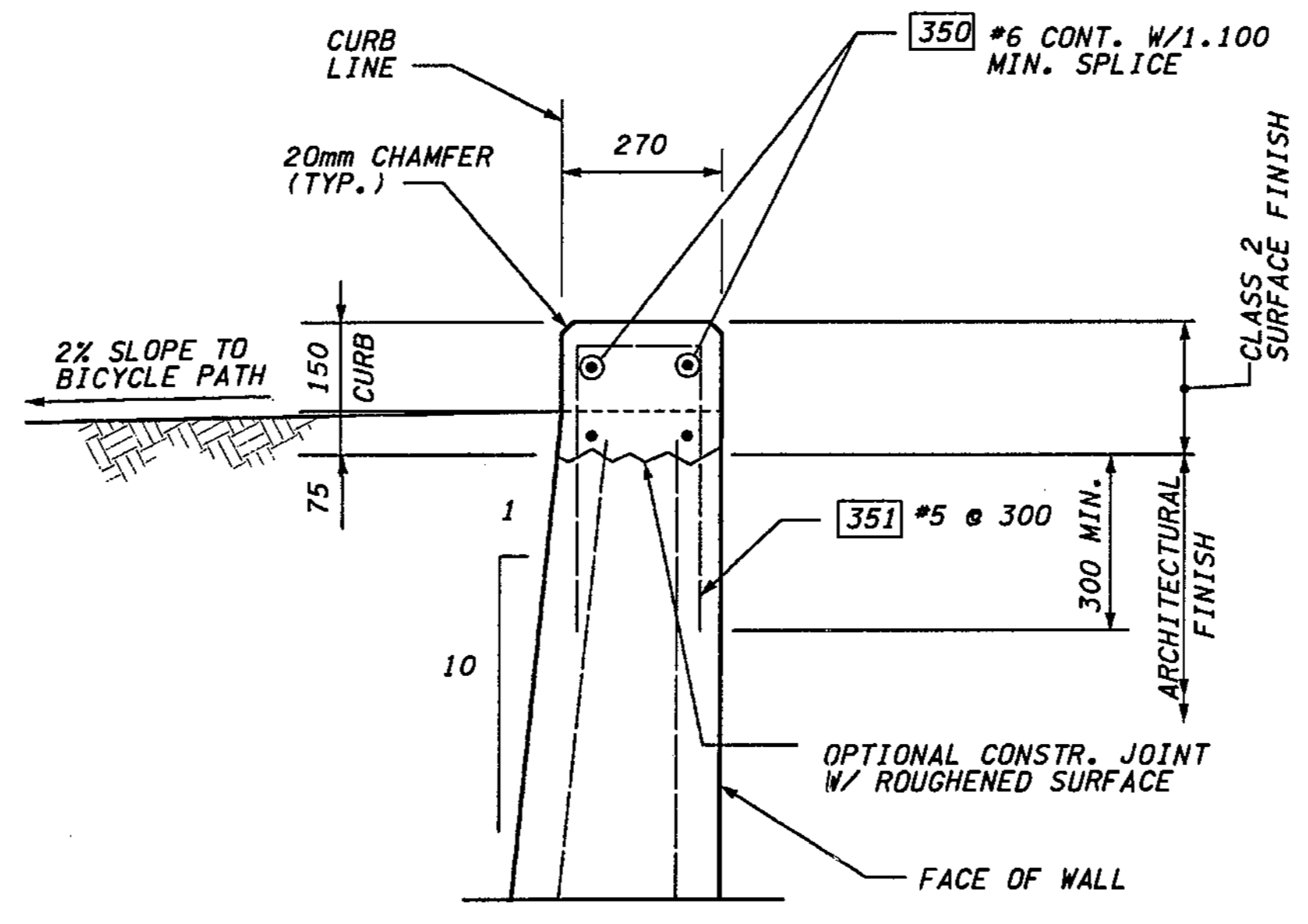
BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.				I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW27
SUPERVISOR		10	WASH						
DESIGNED BY	BTA	12/02				RETAINING WALL DL	SHEET 412 OF 1152 SHEETS		
ENTERED BY	MJB	12/02							
CHECKED BY	KJW	12/02							
PROJ. ENGR.	D. CIERI	12/02							
REGIONAL ADM.	D. DYE	12/02							
DATE	DATE	REVISION	BY	CONTRACT NO.					



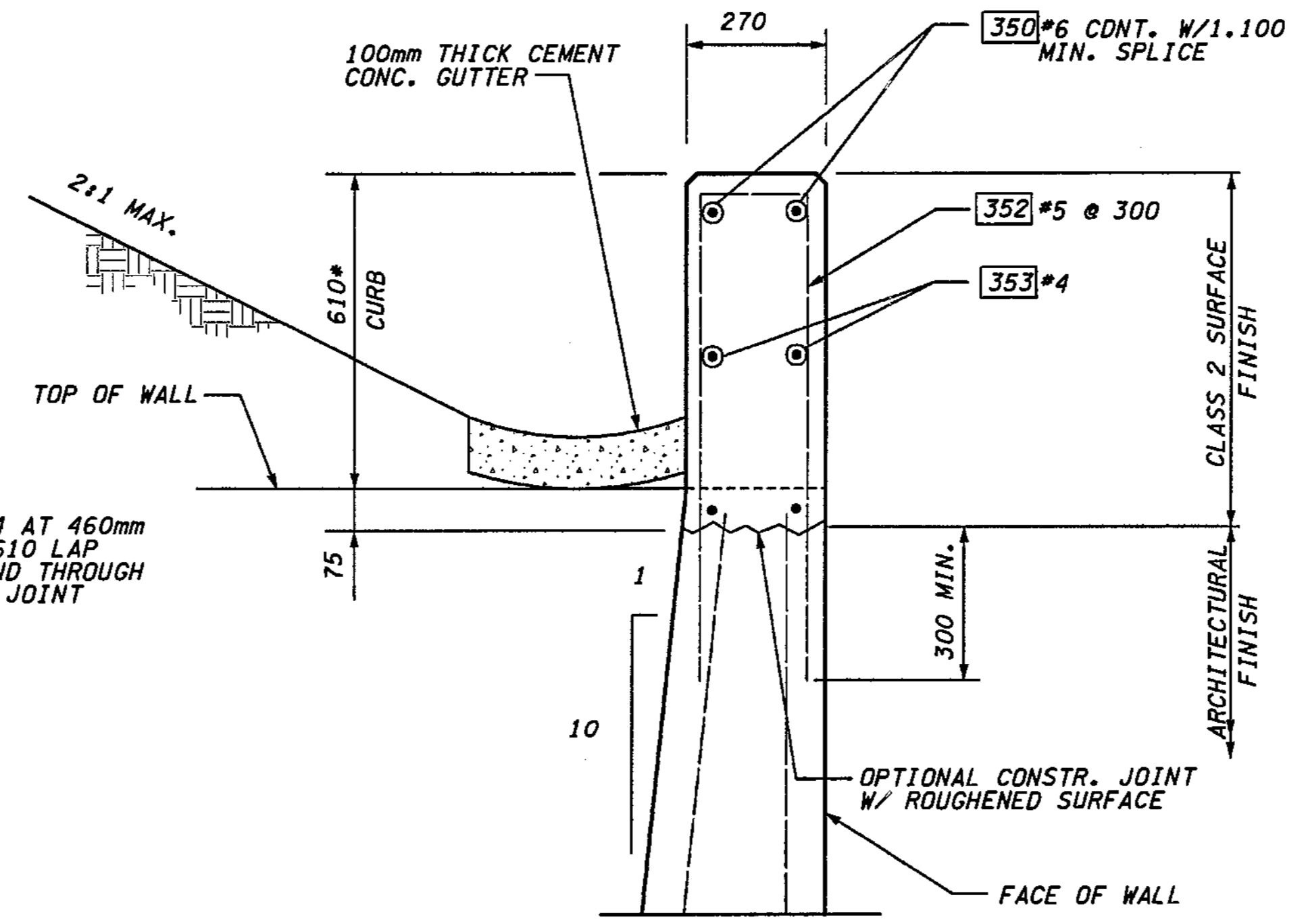
SR 405 JOB NO. SHEET 12/03/2002 10:41:19 AM  
 C:\PWTEMP\dms00358\RW028\_c2.dgn



TYPICAL SECTION

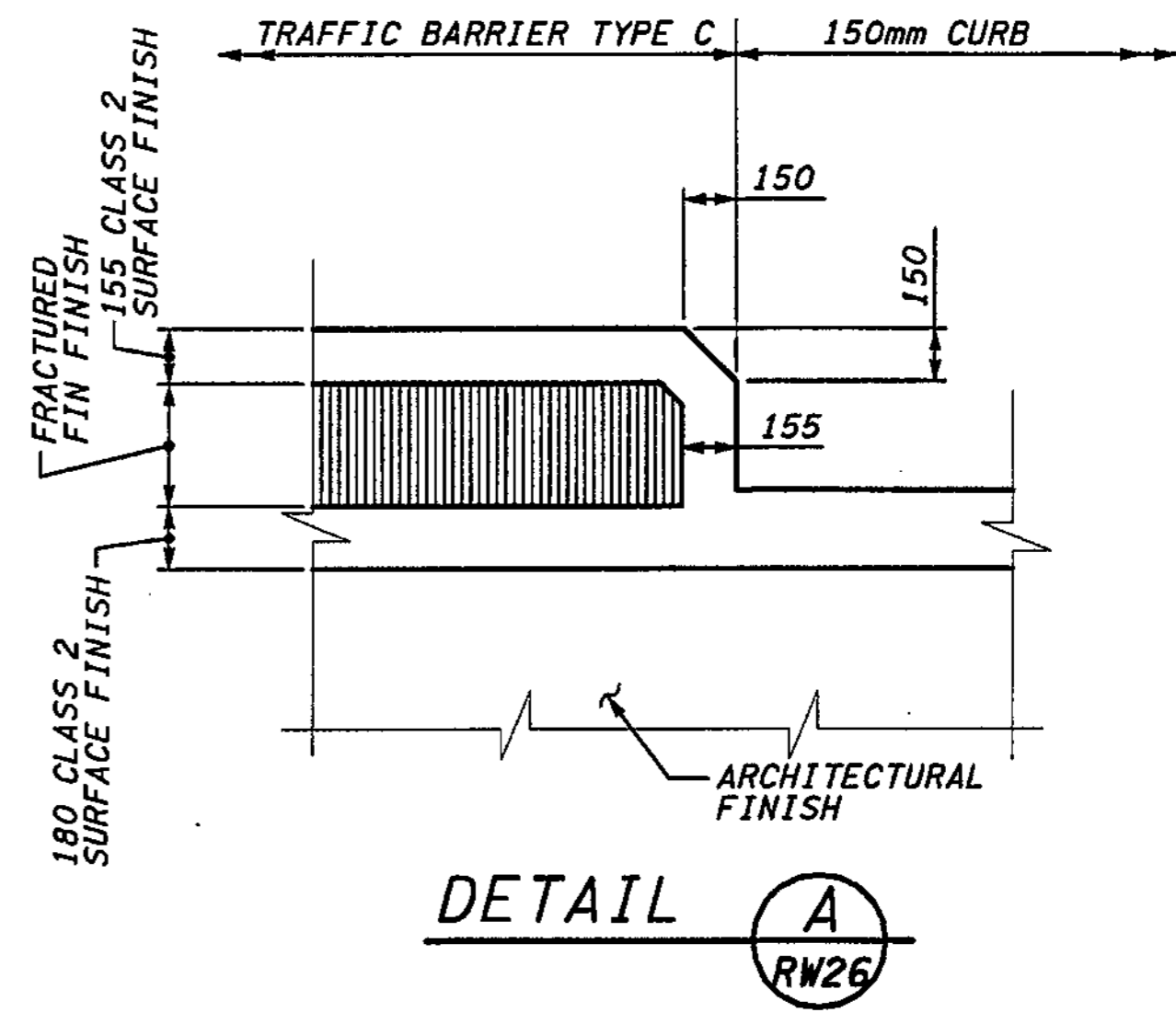


TYPICAL SECTION - 150mm CURB



TYPICAL SECTION - 610mm CURB AND GUTTER

- NOTES:**
- \* VARY CURB HEIGHT TO PROVIDE SMOOTH PROFILE.
  - SEE SHEET RW23 FOR TRAFFIC BARRIER ON FACE OF WALL, KEY DETAIL AND REINFORCEMENT TABLE.
  - SEE SHEET RW24 FOR TRAFFIC BARRIER TYPE C DETAILS.
  - FOR BACKFILL AND DRAINAGE REQUIREMENTS, SEE WSDOT "BACKFILL AND DRAINAGE FOR RETAINING WALLS" STANDARD PLAN D-4.



FOR "AS CONSTRUCTED PLANS" ONLY

**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY BTA	12/02	JOB NUMBER		
ENTERED BY JAS	12/02	02A012		
CHECKED BY JHS	12/02	CONTRACT NO.		
PROJ. ENGR. D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  
  
 H. SZYMSKI  
 12/06/02

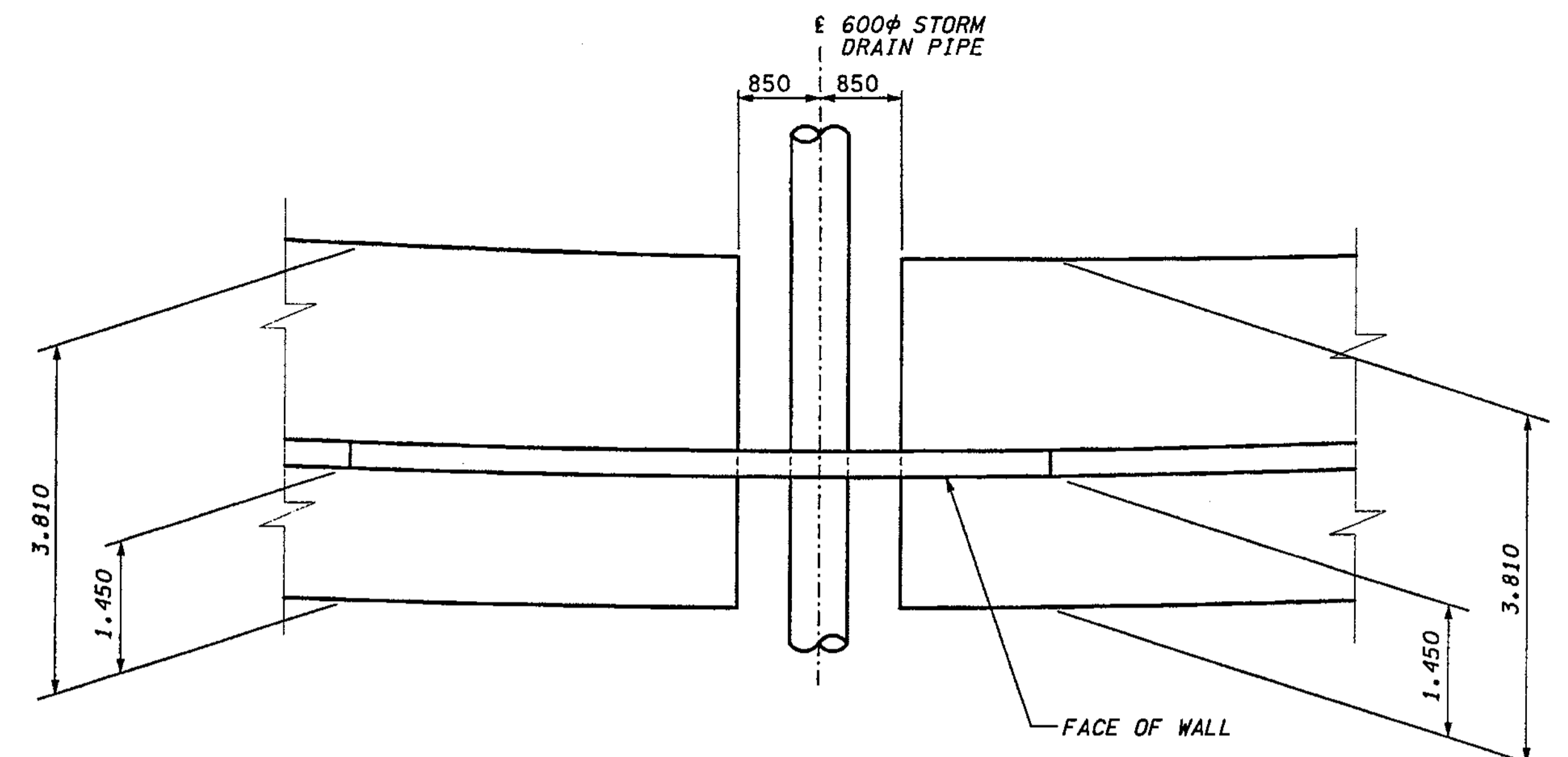
Washington State Department of Transportation  
  
 HDR ENGINEERING INC.

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 RETAINING WALL DL

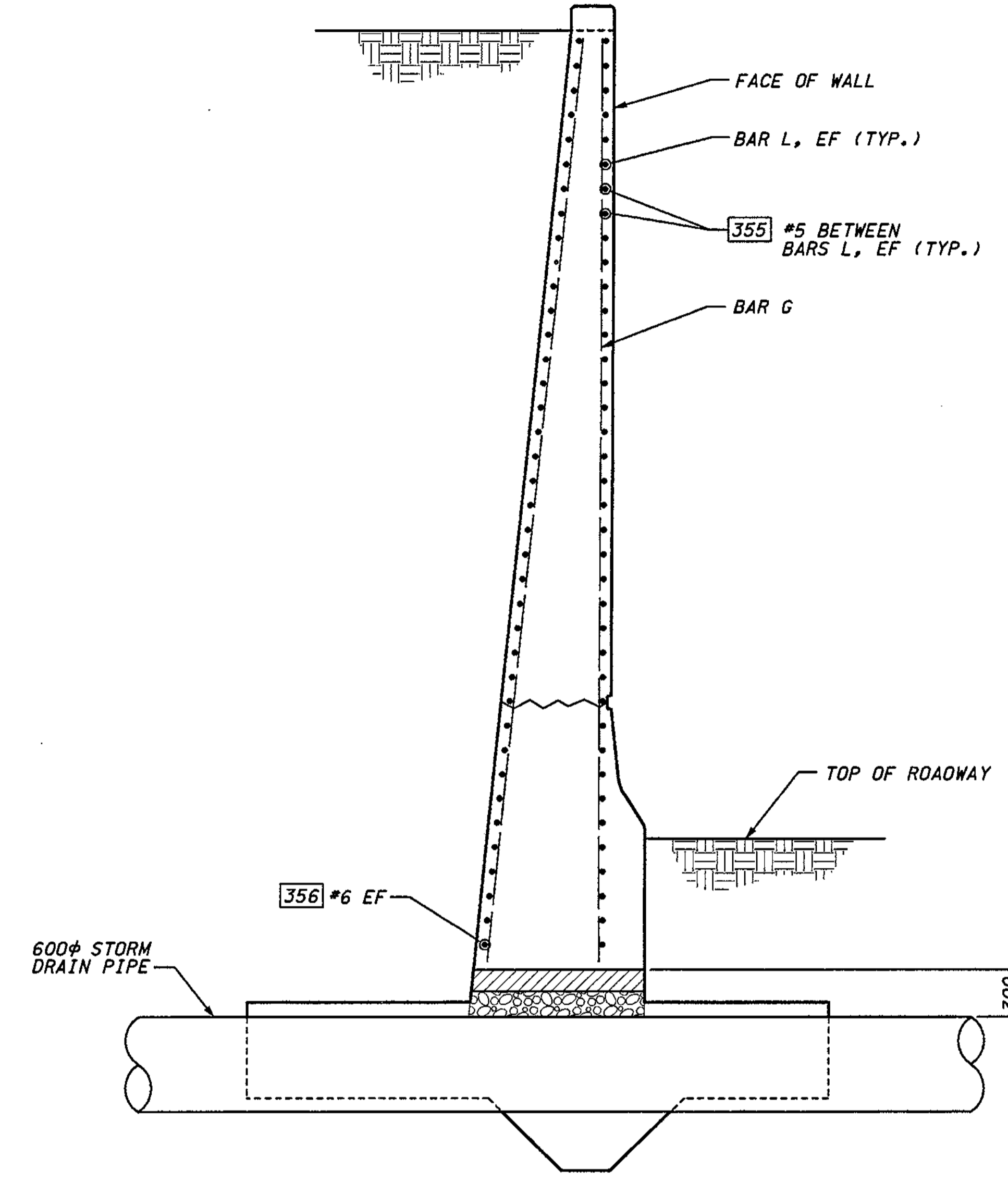
BRIDGE SHEET NO.  
 RW28  
 SHEET 413 OF 1152 SHEETS

SR 405 JOB NO. SHEET 12/03/2002 10:41:29 AM  
 C:\PWTEMP\dms00358\RW029\_C2.dgn

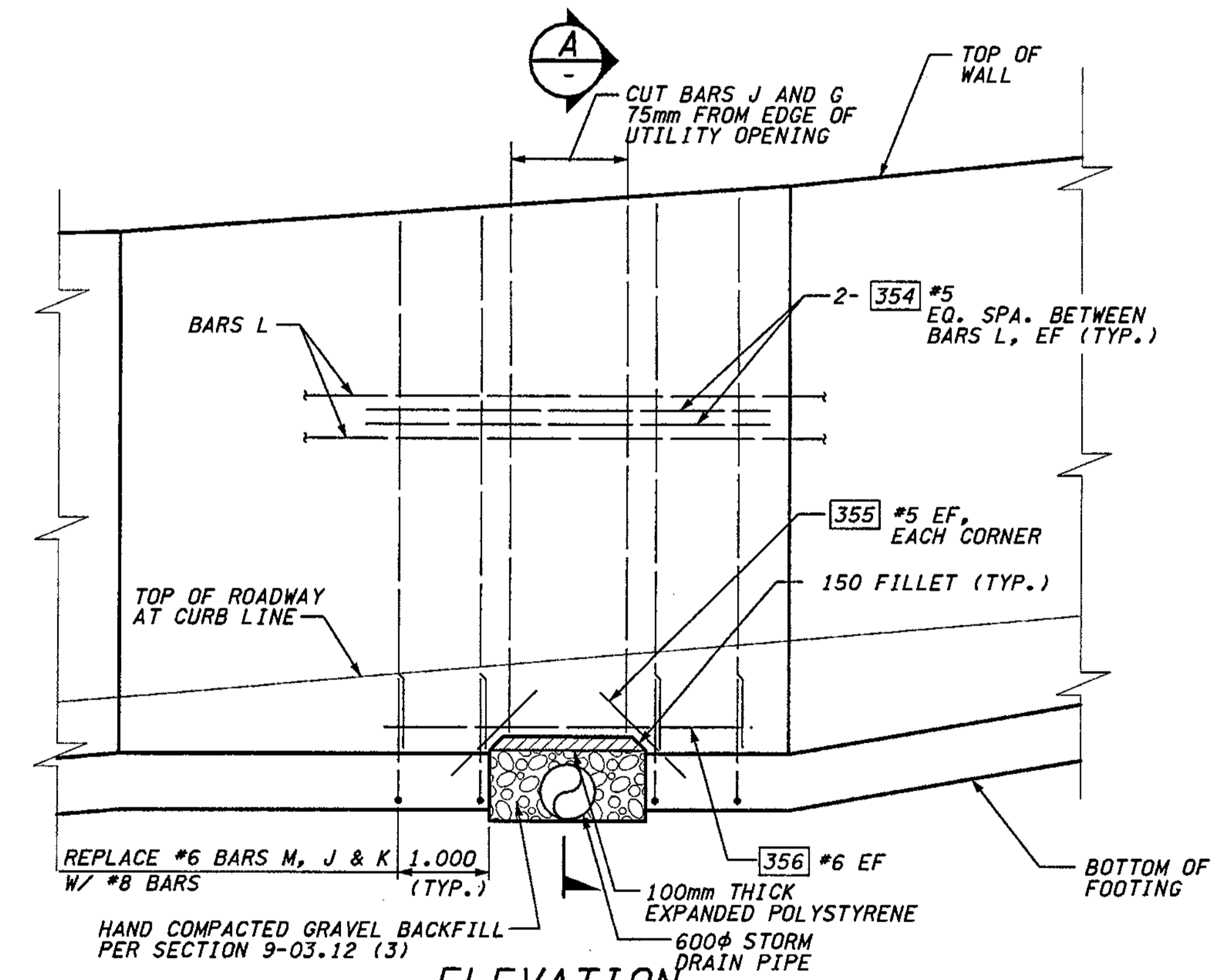
**NOTES:**  
 1. SEE DRAINAGE PLANS FOR LOCATION OF 600φ STORM DRAIN PIPE.



**PLAN**  
**STORM DRAIN PIPE AT WALL DL**



**SECTION A**



**ELEVATION**  
**STORM DRAIN PIPE AT WALL DL**

FOR "AS CONSTRUCTED PLANS" ONLY

**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED.AID PROJ.NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. <b>RW29</b>
SUPERVISOR		10	WASH					
DESIGNED BY	KJW	12/02					RETAINING WALL DL	SHEET <b>414</b> OF <b>1152</b> SHEETS
ENTERED BY	JAS	12/02						
CHECKED BY	BTA	12/02						
PROJ. ENGR.	D. CIERI	12/02						
REGIONAL ADM.	D. DYE	12/02						
	DATE	DATE	REVISION	BY				

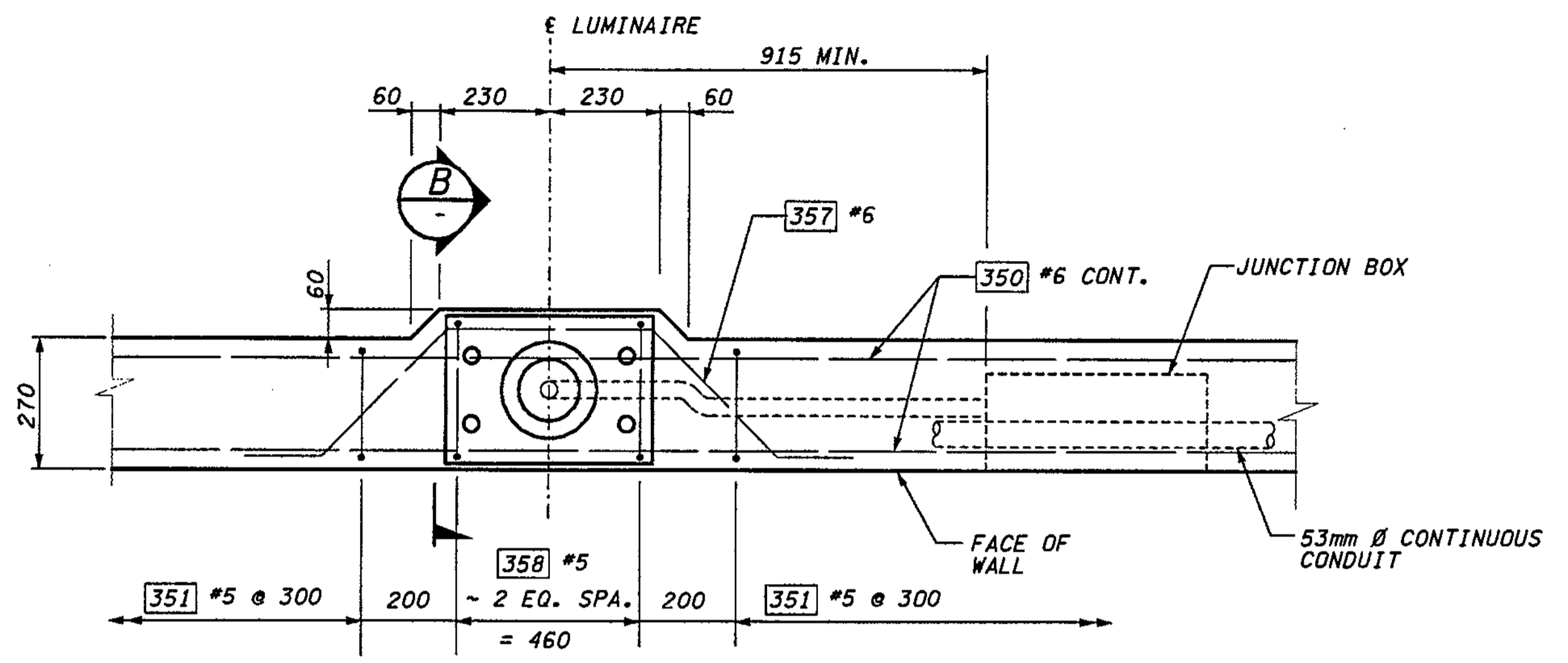


C:\PWTEMP\dms00358\RW030\_C2.dgn

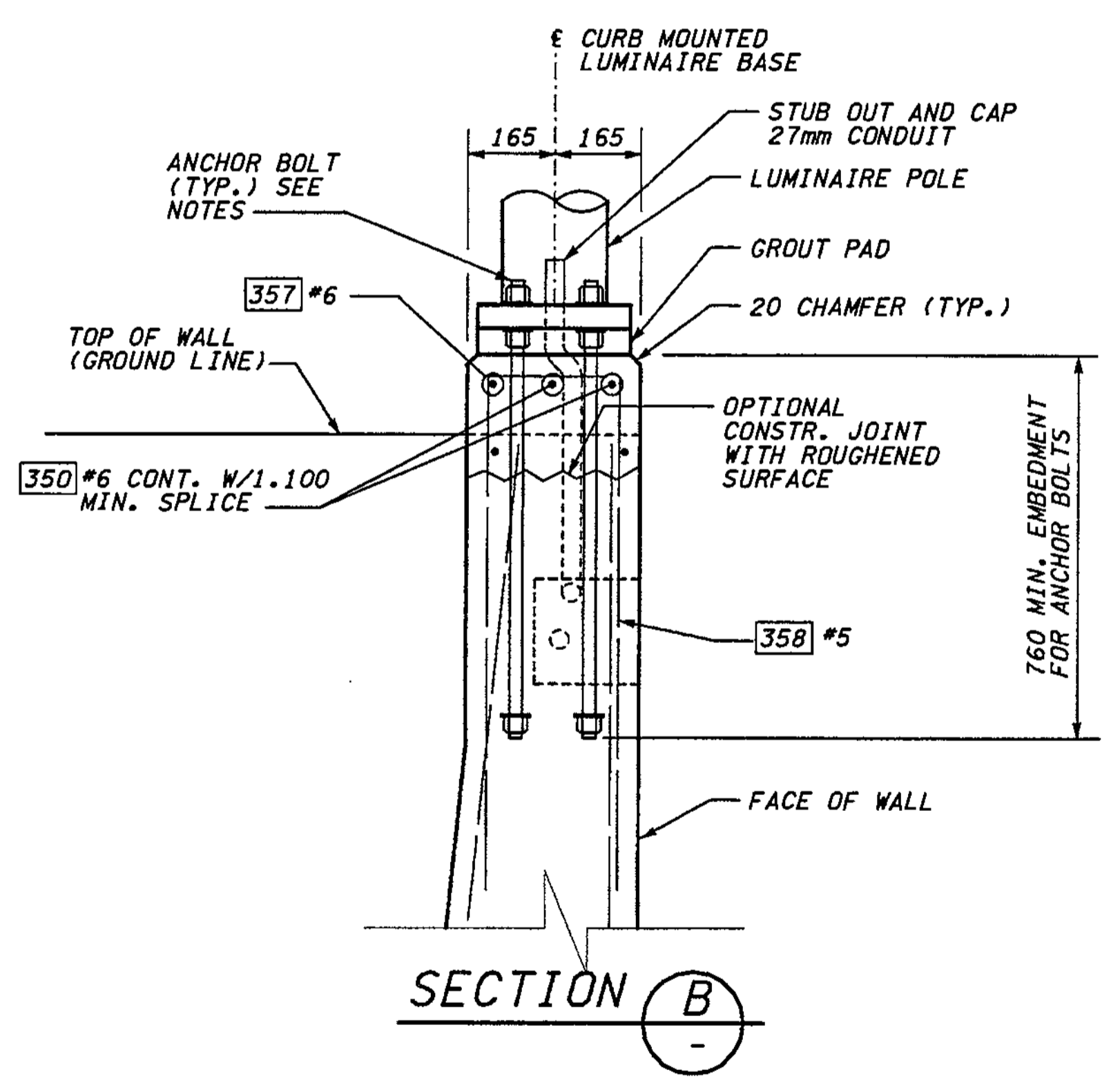
SR\_405\_JOB NO. SHEET  
 12/03/2002 10:41:38 AM  
 Ikelier

**NOTES:**

- FOR LOCATION AND DETAILS OF LUMINAIRES REFER TO ILLUMINATION PLANS.
- MATERIAL SPECIFICATIONS:  
 ANCHOR BOLTS SHALL CONFORM TO THE SPECIFICATIONS OF THE LUMINAIRE MANUFACTURER'S PRE-APPROVED DRAWING.



**LUMINAIRE BASE ON WALL DL  
 PLAN**



**SECTION B**

**WALL DL BAR LIST**  
 ALL REINFORCING SHALL BE AASHTO M31, GR. 60

MARK	SIZE	LENGTH	BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
350	6	(A)	STR.
351	5	1.140	
352	5	2.190	
353	4	(A)	STR.
354	5	3.700	STR.
355	5	900	STR.
356	6	3.700	STR.
357	6	1.680	
358	5	2.050	

351

352

(A) DETERMINE FROM PLANS

357

358

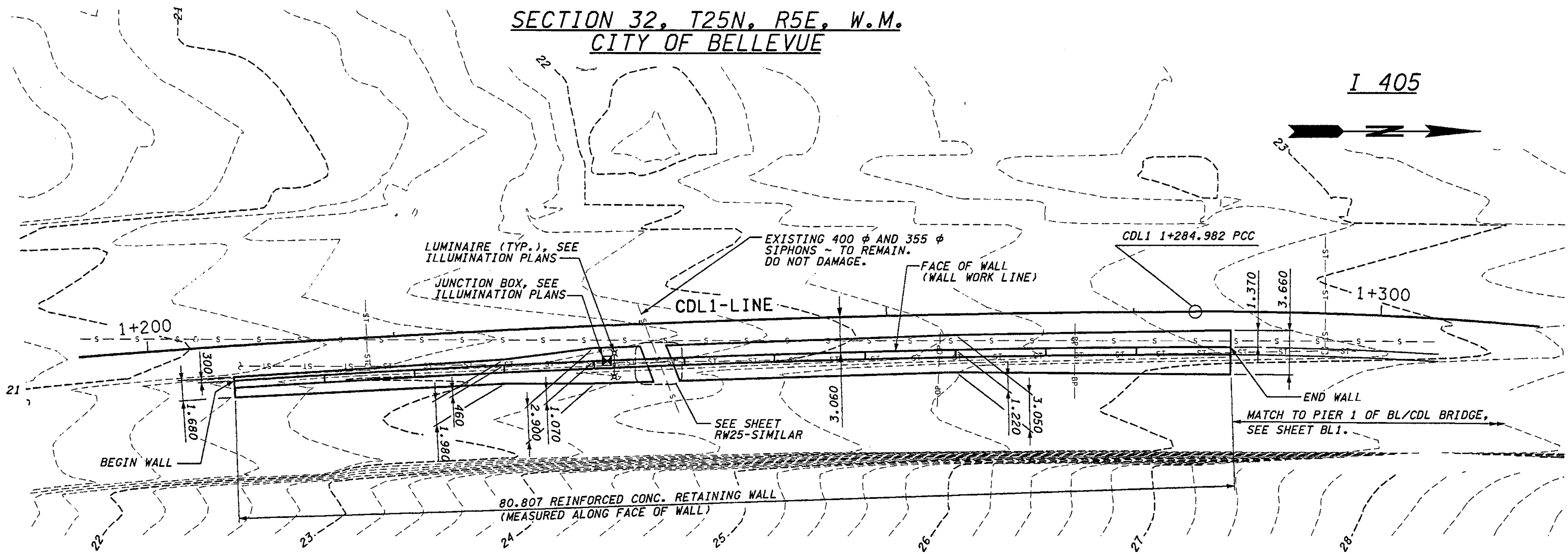
FOR "AS CONSTRUCTED  
 PLANS" ONLY

**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

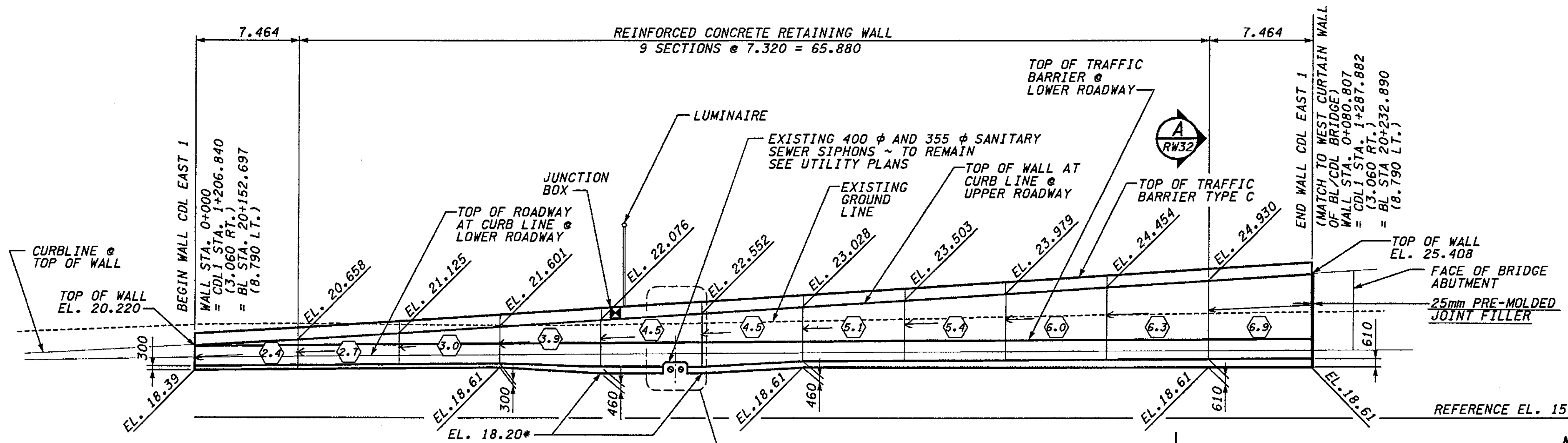
BRIDGE DESIGN ENGR.					REGION NO.	STATE	FED. AID PROJ. NO.				I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO.
SUPERVISOR					10	WASH						RW30
DESIGNED BY	BTA	12/02			JOB NUMBER				RETAINING WALL DL	SHEET NO. <b>415</b> OF <b>1152</b> SHEETS		
ENTERED BY	JAS	12/02			02A012							
CHECKED BY	JHS	12/02			CONTRACT NO.							
PROJ. ENGR.	D. CIERI	12/02										
REGIONAL ADM.	D. DYE	12/02										
	DATE	DATE	REVISION	BY								

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405



PLAN - WALL CDL EAST 1



REFLECTED ELEVATION - WALL CDL EAST 1

Bob Pyle  
1/4/05  
FOR "AS CONSTRUCTED PLANS" ONLY

NOTES:

- 6.9 INDICATES DESIGN WALL HEIGHT "H" FOR SELECTING REINFORCEMENT. SEE TABLE ON SHEET RW23.
- FOOTING DIMENSIONS SHALL VARY UNIFORMLY BETWEEN POINTS SHOWN.
- FOR LOCATION OF LUMINAIRES AND JUNCTION BOXES REFER TO ILLUMINATION PLANS.
- FOR LUMINAIRE BASE DETAILS SEE SHEET RW24, SIMILAR.

DATUM  
NAVD OF 1988

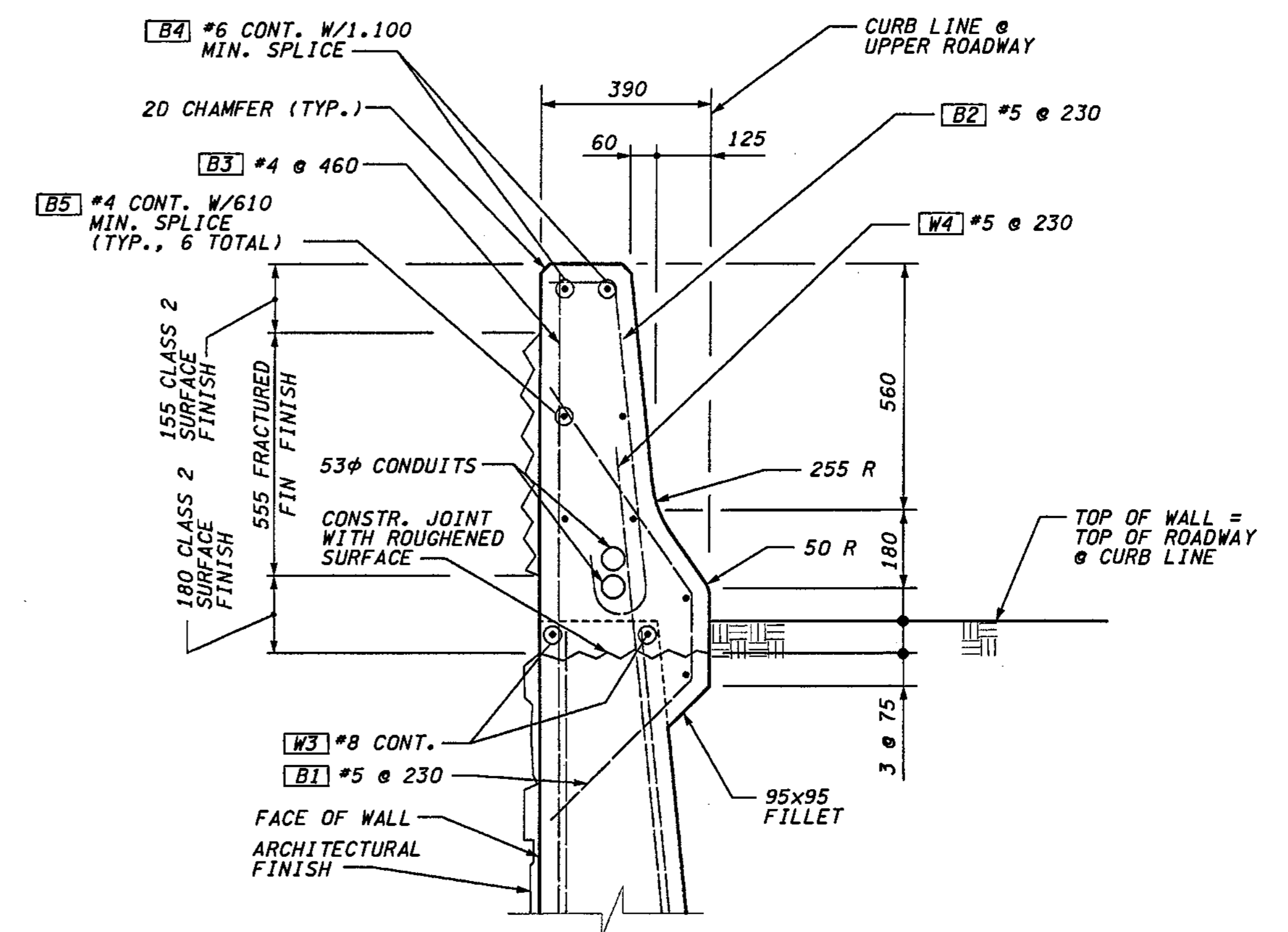
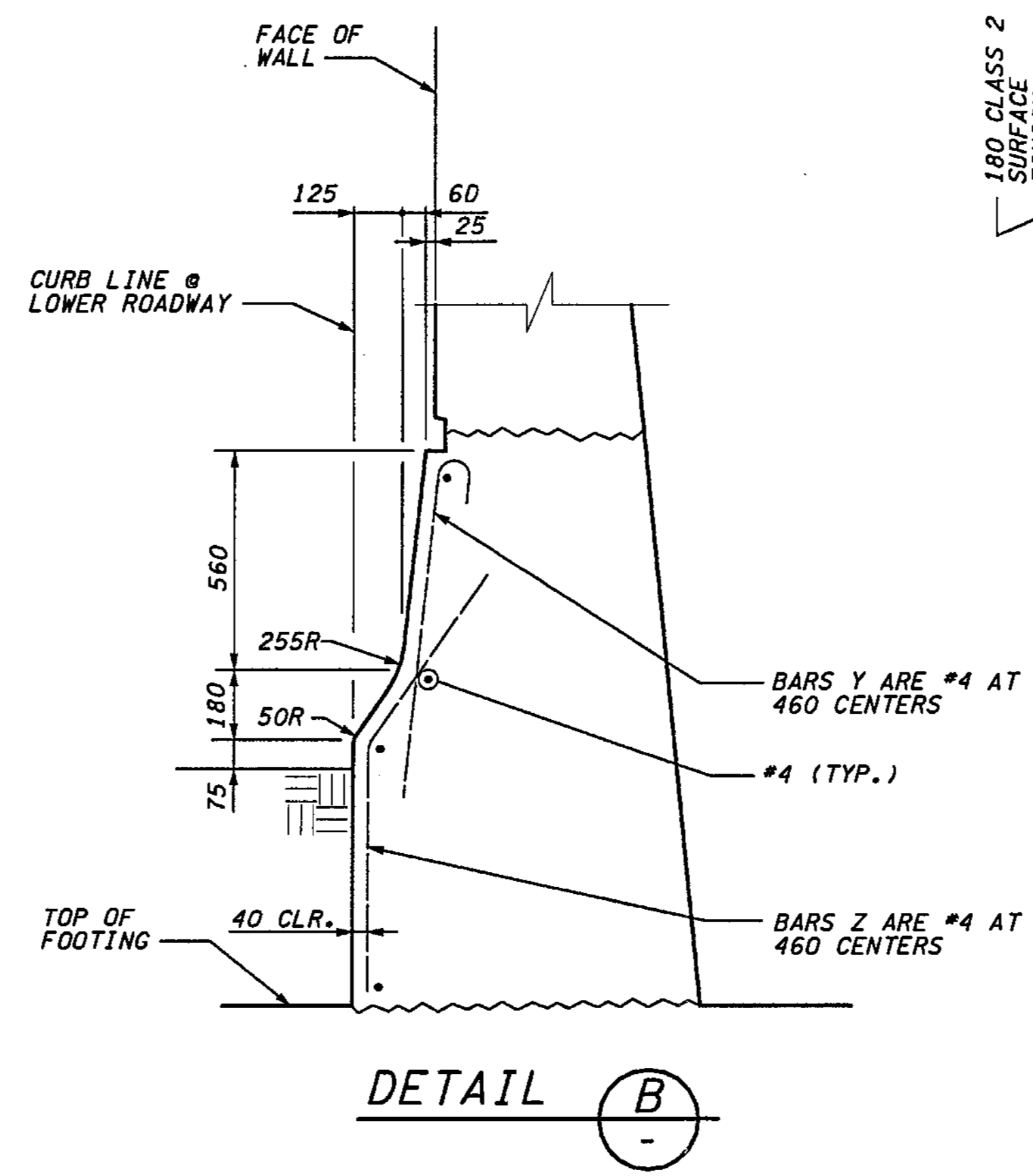
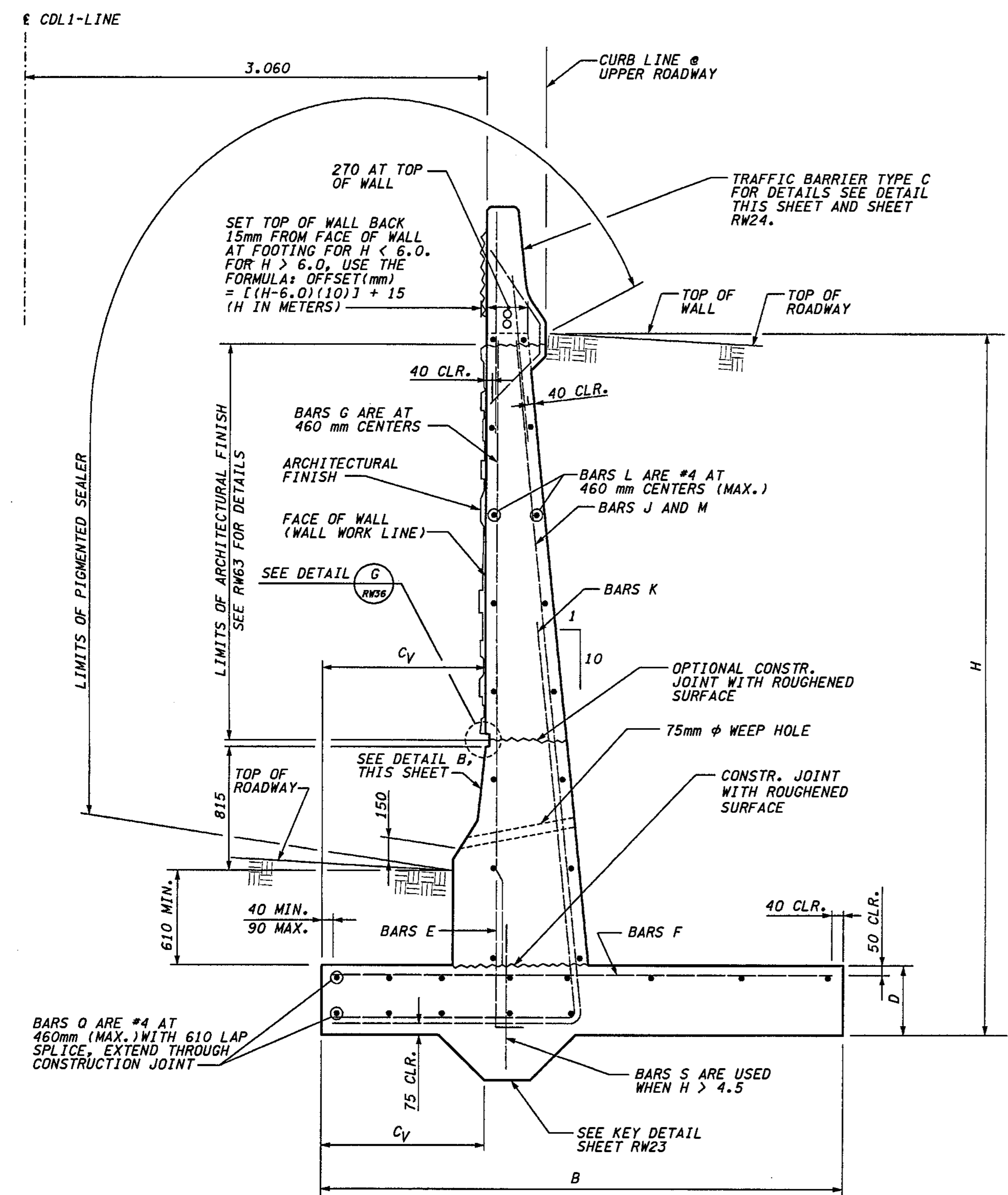
METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I 405 JOB NO. SHEET 12/03/2002 10:42:01 AM keller

BRIDGE DESIGN ENGR.		REGION NO.		STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO.
SUPERVISOR		10	WASH						RW31
DESIGNED BY	KJW	12/02							SHEET NO.
ENTERED BY	JAS	12/02							416
CHECKED BY	JHS	12/02							OF
PROJ. D. BY	D. CIERI	12/02							1152
REGIONAL ADM.	D. DYE	12/02							SHEETS
DATE	DATE	REVISION	BY						



SR\_405\_JOB NO. SHEET 12/03/2002 10:42:11 AM C:\PWTEMP\dms00358\RW032\_C2.dgn



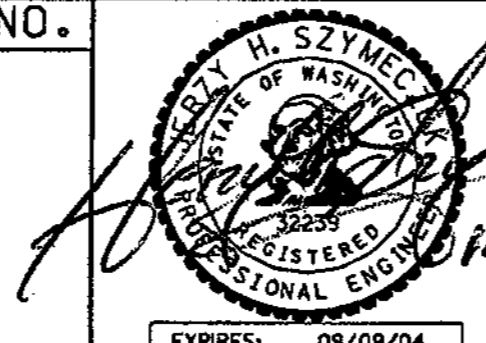
**NOTE:**

- FOR WALL DIMENSIONS AND REINFORCEMENT SEE TABLE ON SHEET RW23.
- FOR BACKFILL AND DRAINAGE REQUIREMENTS SEE WSDOT STANDARD PLAN D-4.

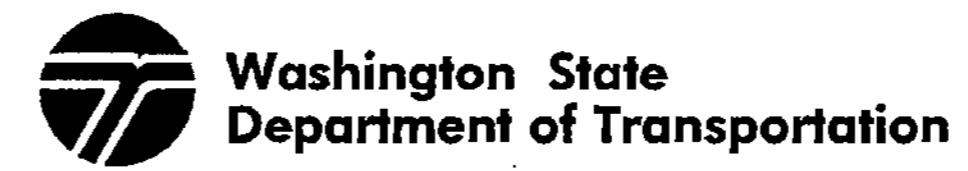
**FOR "AS CONSTRUCTED PLANS" ONLY**

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR		10	WASH	
DESIGNED BY KJW	12/02	JOB NUMBER	02A012	
ENTERED BY JAS	12/02	CONTRACT NO.		
CHECKED BY JHS	12/02	DATE	DATE	REVISION
PROJ. ENGR. D. CIERI	12/02			BY
REGIONAL ADM. D. DYE	12/02			



ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL CDL EAST 1

BRIDGE SHEET NO. RW32  
SHEET 417 OF 1152 SHEETS

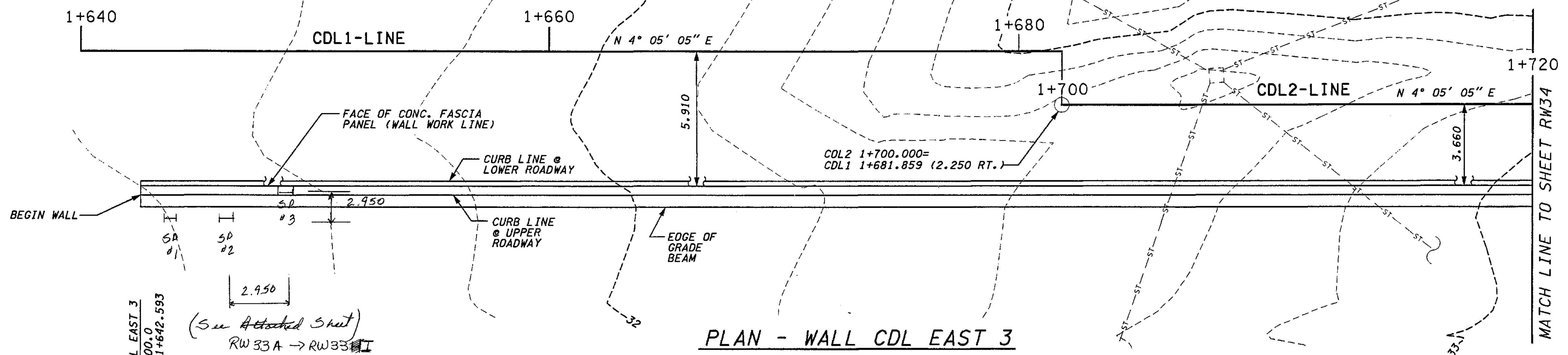
C:\NPWTEMP\dms00358\RW033\_C2.DGN

I 405 JOB NO. SHEET  
keller 12/03/2002 01:31:47 PM

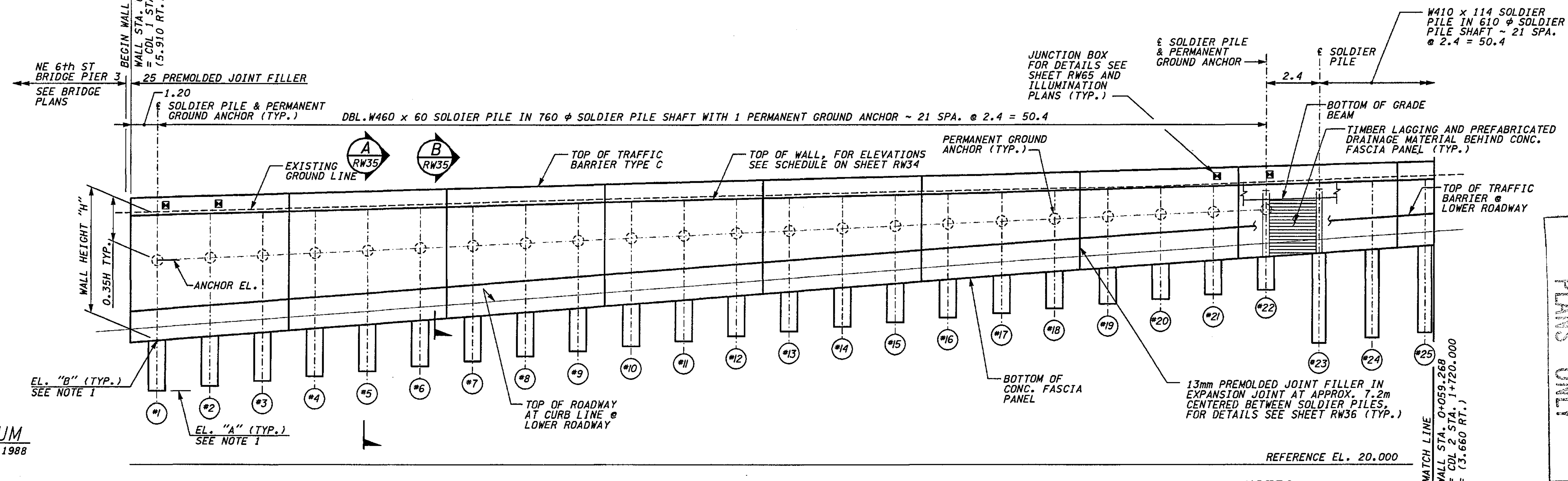
SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



I 405



PLAN - WALL CDL EAST 3



REFLECTED ELEVATION - WALL CDL EAST 3

FOR "AS CONSTRUCTED" PLANS" ONLY

DATUM  
NAVO OF 1988

- NOTES:**  
1. FOR SHAFT ELEVATIONS "A" AND "B" SEE SOLDIER PILE SHAFT ELEVATION SCHEDULE ON SHEET RW34.

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.				I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO.
SUPERVISOR		10	WASH						RW33
DESIGNED BY	KJW	12/02			12/06/02	RETAINING WALL CDL EAST 3	SHEET 418 OF 1152 SHEETS		
ENTERED BY	JAS	12/02							
CHECKED BY	JHS	12/02							
PROJ. DYER, D. CIERI		12/02							
REGIONAL ADM. D. DYE		12/02							
	DATE	DATE	REVISION	BY					







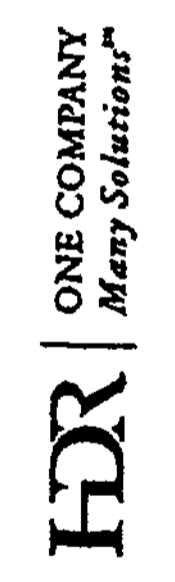




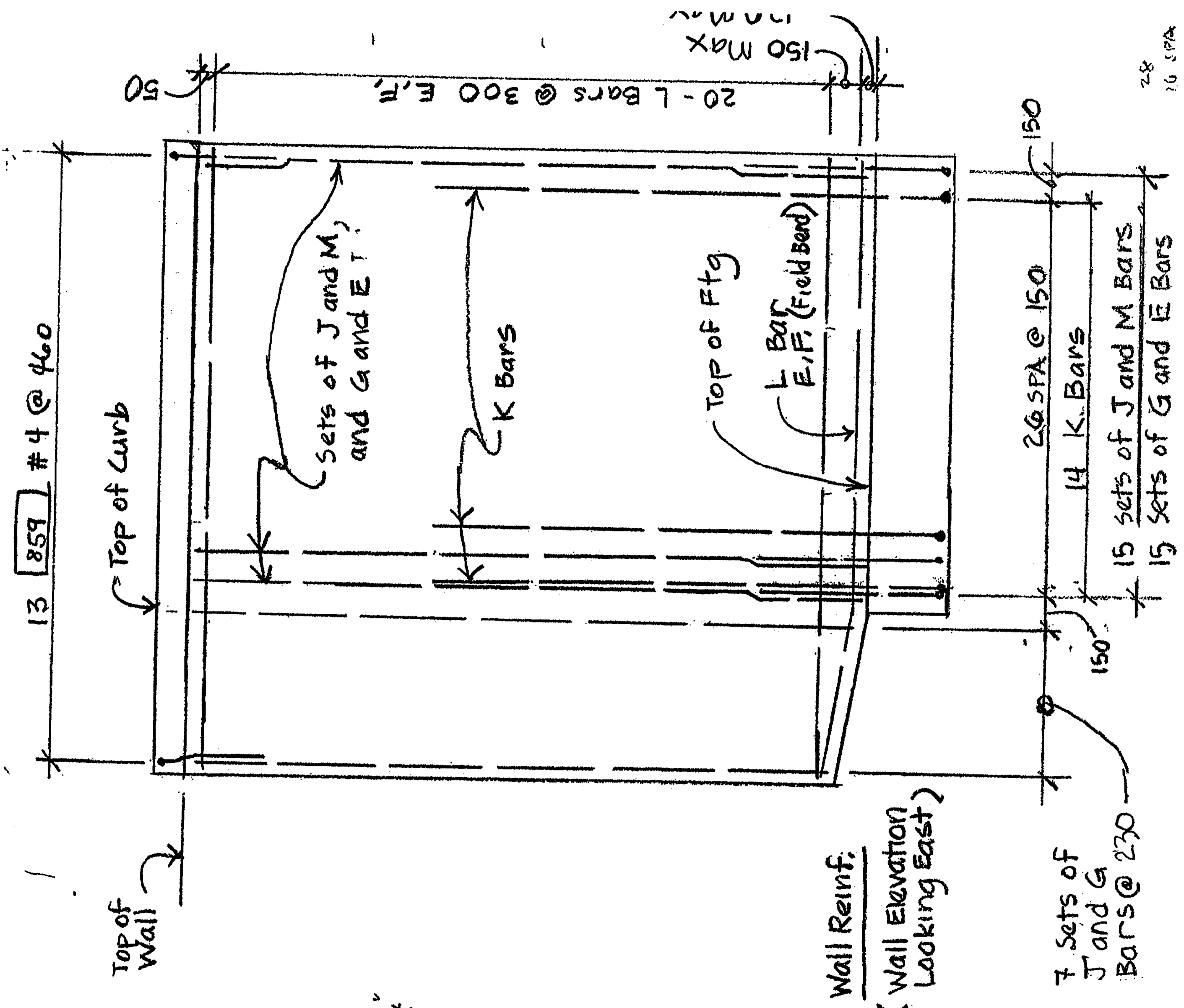




Project: **BPA** Computed: **JML** Date: **2/24/04**  
 Subject: **CDL East 3** Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
 Task: **Reinf** Page: \_\_\_\_\_ of: \_\_\_\_\_  
 Job #: \_\_\_\_\_ No: \_\_\_\_\_



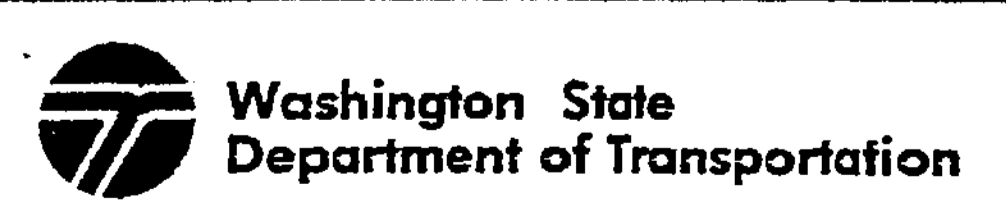
Wall Elevation  
No Scale



FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	F. CAHILL	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		



I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ret Wall CDL East 3  
 SHEET NO. 418E  
 1152 SHEETS





c:\pwt\temp\dms00355\4s004\_c2.dgn

PLOT4

11/21/2002 09:28:50 AM

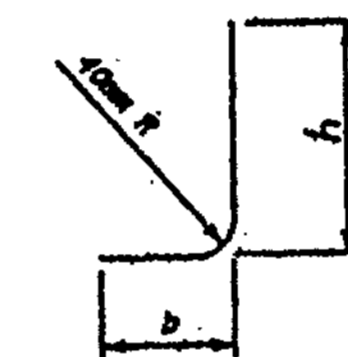
DiemT

DIMENSIONS					FOOTING REINFORCEMENT												STEM REINFORCEMENT								
					BAR E (SIZE #4)			BAR F			BAR K			BAR M			BAR J		BAR C (SIZE #4)						
H (m)	B (mm)	C <sub>v</sub> (mm)	D (mm)	h <sub>v</sub> (mm)	SPACING (mm)	LENGTH (mm)	h (mm)	b (mm)	SIZE	SPACING (mm)	LENGTH (mm)	SIZE	SPACING (mm)	LENGTH (mm)	h (mm)	b (mm)	SIZE	SPACING (mm)	LENGTH (mm)	h (mm)	b (mm)	SIZE	SPACING (mm)	LENGTH (mm)	LENGTH (mm)
6.7	1900	685	460	460	300	1420	1220	200	#9	150	5410	#7	300	6630	3910	2720	#7	300	4240	1520	2720	#7	300	6010	5980

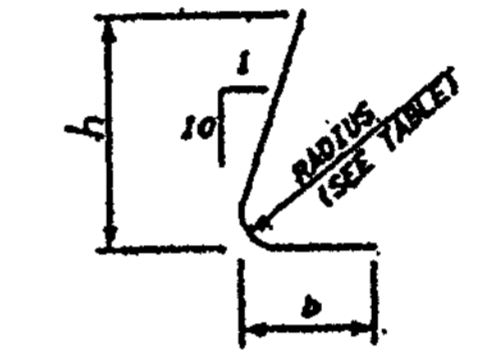
Varies, See Plan  
Approx 5510 max

300, 230  
(See Elevation)

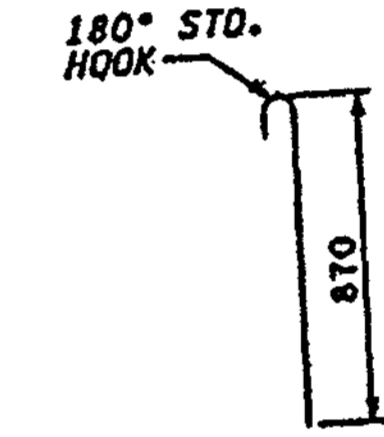
BAR	RADIUS (mm)	MIN. SPLICE (mm)
#4	-	610
#5	230	610
#6	280	640
#7	330	890



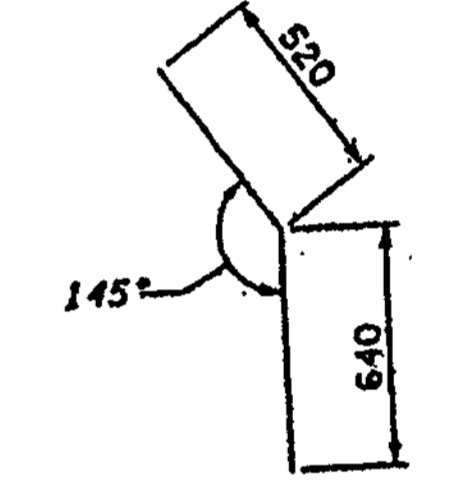
BAR E



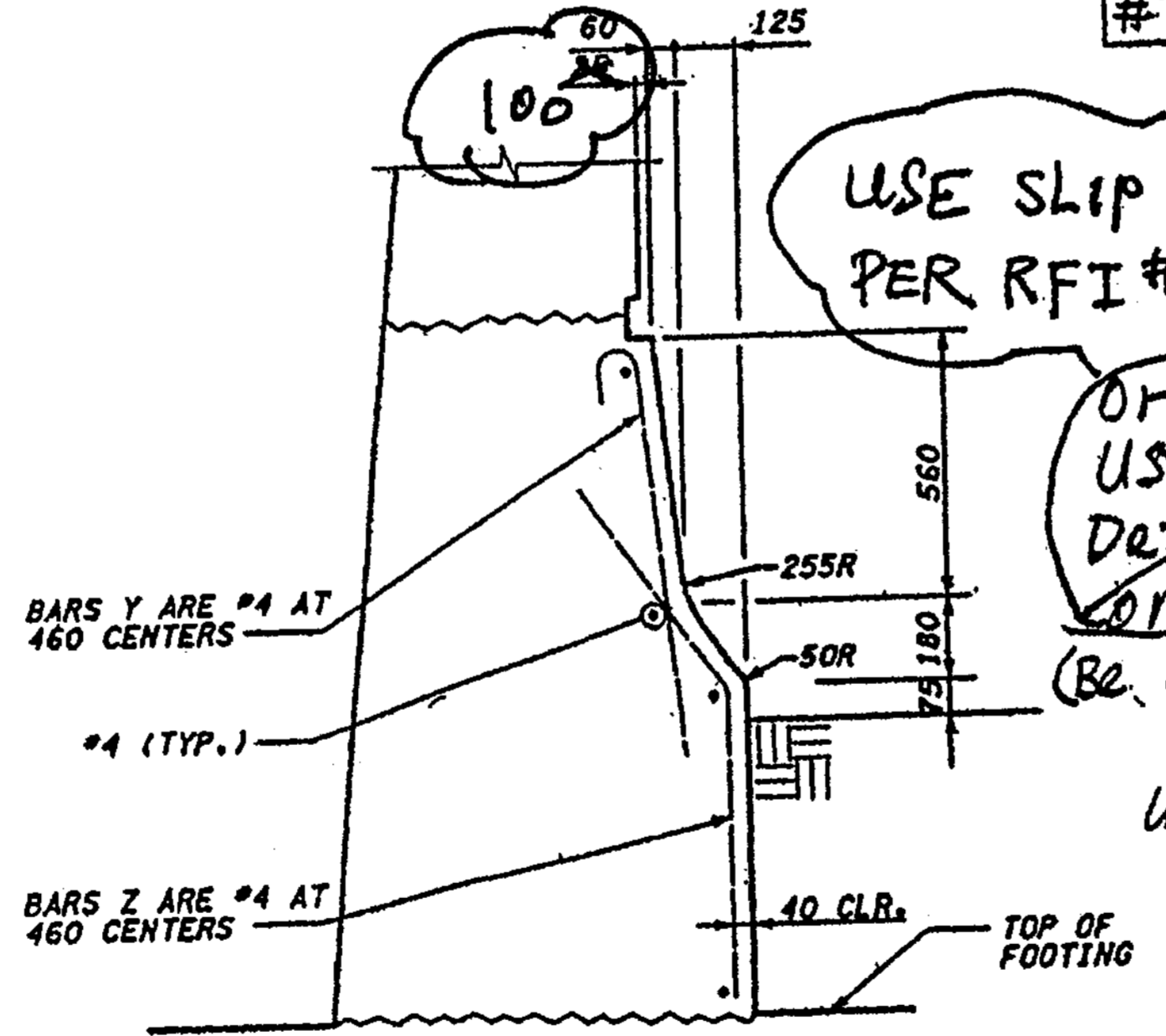
BARS K & M



BAR Y



BAR Z

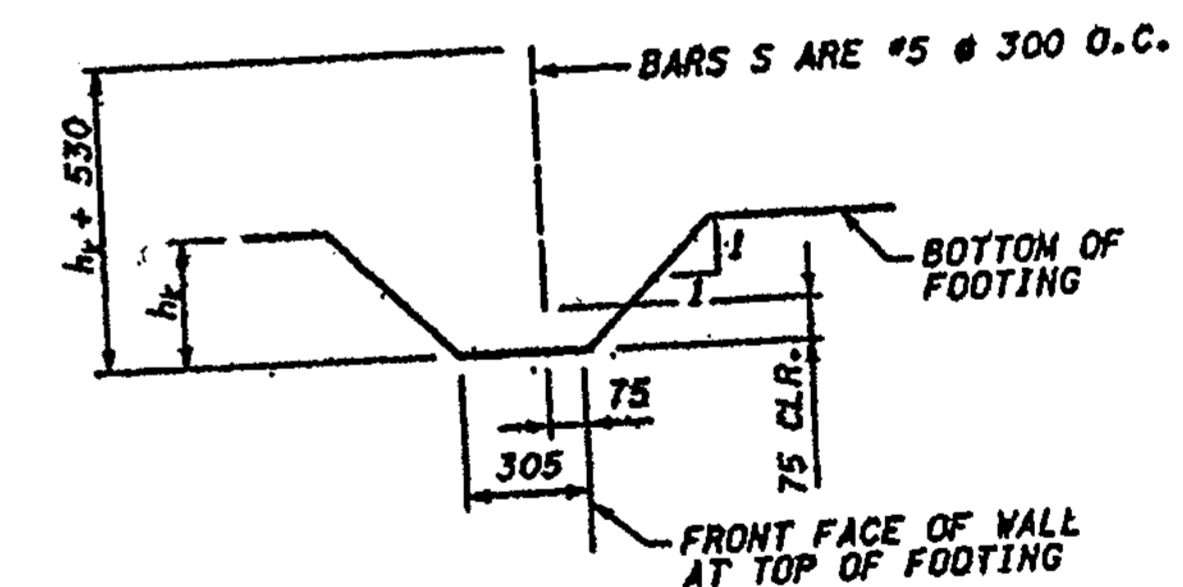


USE SLIP FORMED BARRIER  
PER RFI #144, Oct. 30 '03.

OR  
USE  
Detail B  
ON Sht. CD34

(Be consistent  
w/ details  
used for  
CDL East 2  
or for  
CDL East 3

TRAFFIC BARRIER ON FACE OF WALL  
@ CPL-1 Line Ramp



KEY DETAIL

BDA  
CDL East 3 Ret. Wall  
@ SP1 + SP2

FOR "AS CONSTRUCTION PLANS" ONLY

DESIGNED BY F. CAHILL	12/02	REGION NO. 10	STATE WASH	FED. AID PROJ. NO.	NG	Washington State Department of Transportation	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. RW339
ENTERED BY H. TRAN	12/02	JOB NUMBER 02A012	CONTRACT NO.					
CHECKED BY I. HASAYEN	12/02						Ret Wall CDL East 3	1152
PROJ. ENGR. D. CIERI	12/02							
REGIONAL ADM. D. DYE	12/02							
DATE	DATE	REVISION	BY					

DESIGNED BY	DATE	REVISION	BY
F. CAHILL	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		02A012
CONTRACT NO.		

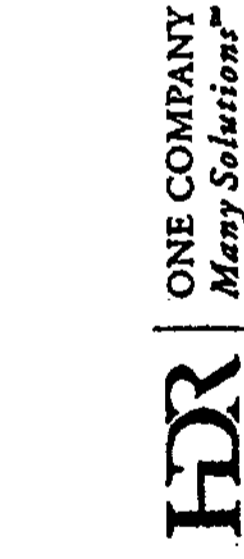


I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

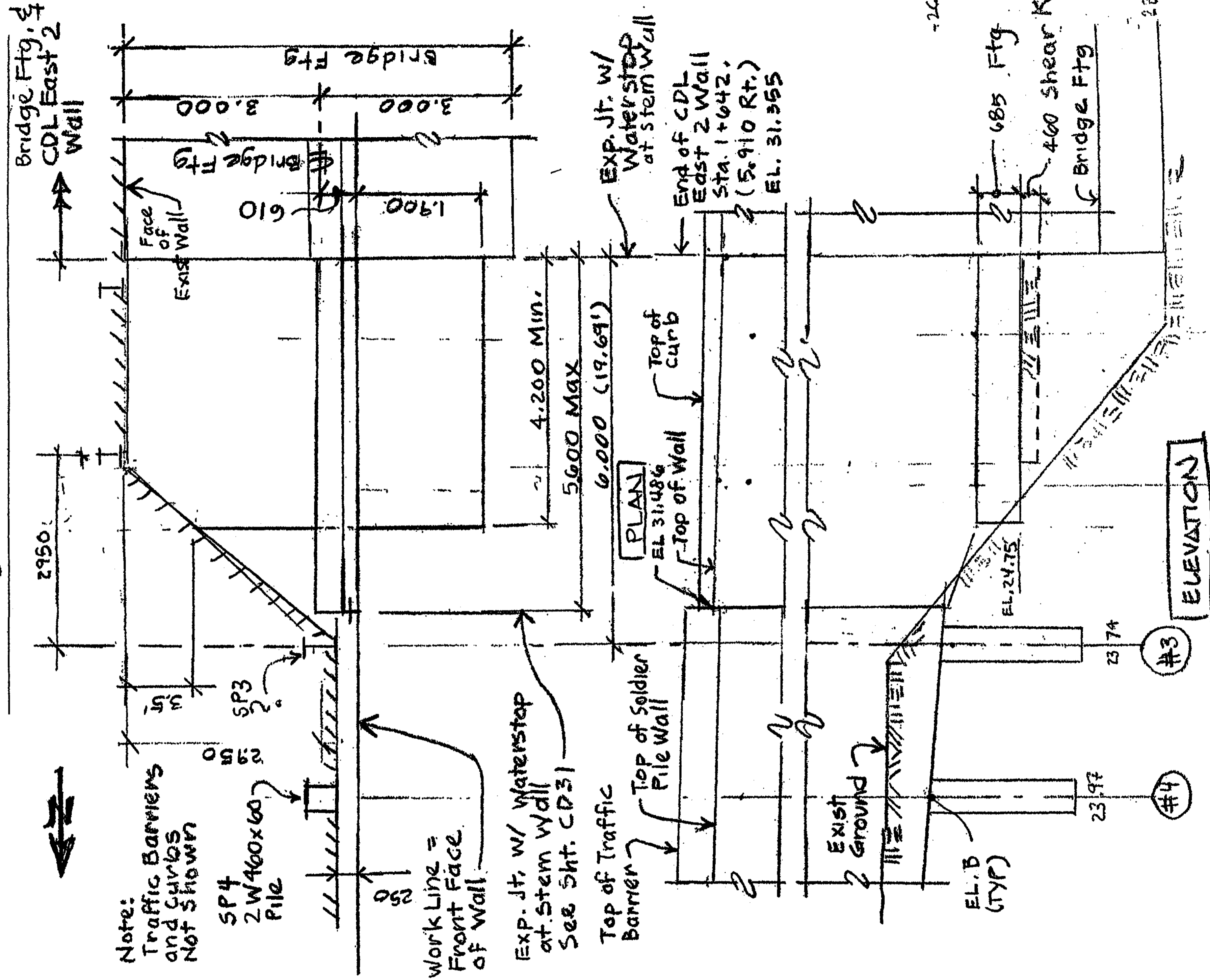
Ret Wall CDL East 3

SHEET NO  
RW33H  
418H  
1152  
SHEETS

FOR "AS CONSTRUCTED PLANS" ONLY



Project: BDA  
Subject: CDL East 3  
Task: CIP CONC Cantilever Ret.  
Job #: Wall @ SP1 + SP2  
Computed: JML Date: 2/22/04  
Checked: Date:  
Page: of:  
No:



Note:  
Traffic Barriers  
and Curbs  
Not Shown

SP4  
2W460x60  
Pile

Work Line =  
Front Face  
of Wall

Exp. Jt. w/  
Waterstop  
at Stem Wall  
See Sht. CD31

Top of Traffic  
Barrier

Top of Soldier  
Pile Wall

Top of Wall

Top of  
Curb

EXP. JT. w/  
Waterstop  
at Stem Wall

End of CDL  
East 2 Wall  
Sta. 1+642.  
(5,910 R.F.)  
EL. 31.355

685 Ftg  
400 Shear Ke  
Bridge Ftg

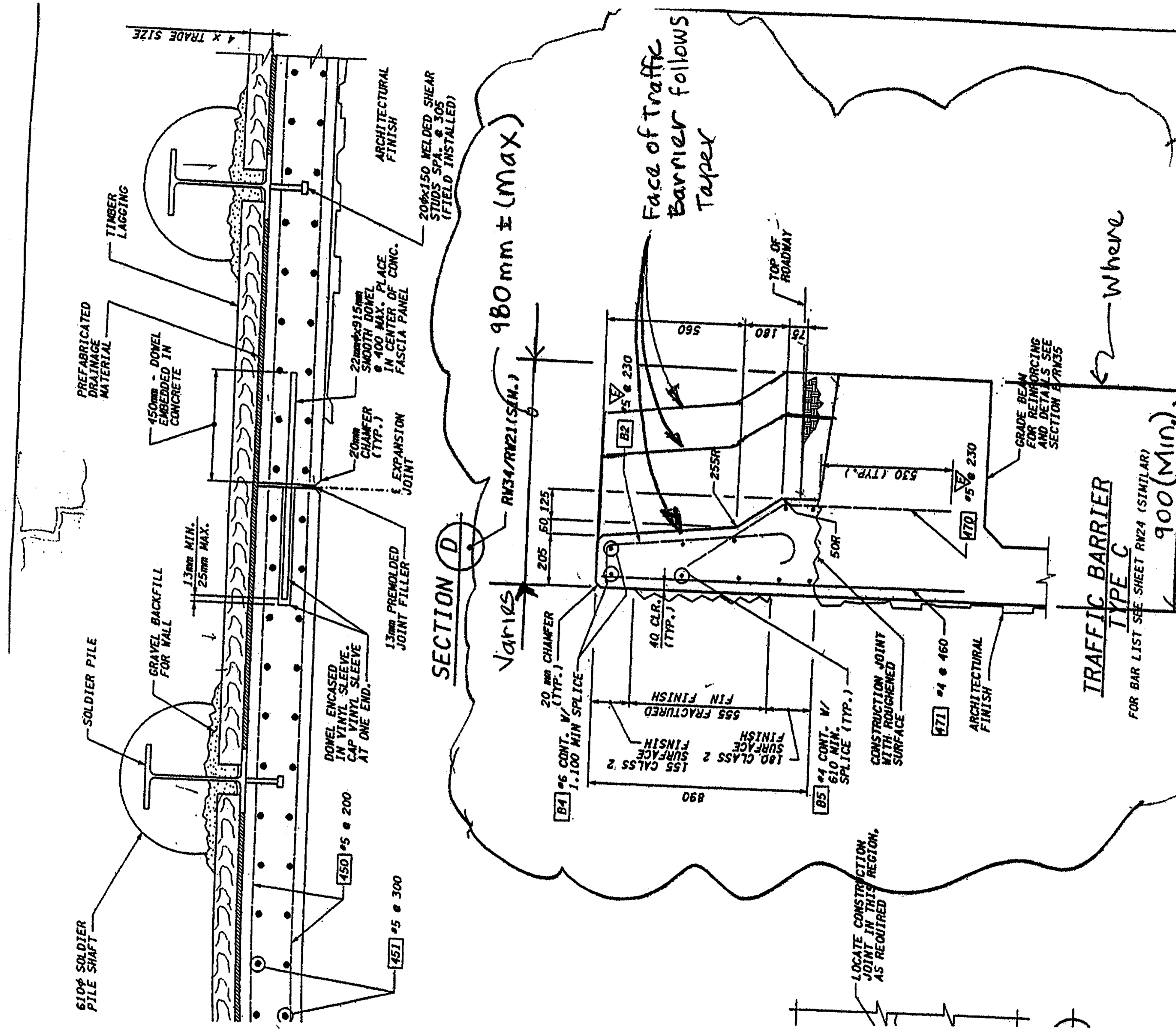
EL. B  
(TYP)

EXIST  
Ground

#3  
#4

ELEVATION





ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  
 Washington State Department of Transportation  
 HDR ENGINEERING INC.  
 I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.  
 RETAINING WALL CDL EAST 3  
 SHEET NO. RW36  
 CASE NO. 471  
 SHEETS 1152

FOR "AS CONSTRUCT PLANS" ONLY

DESIGNED BY	DATE	REGION NO.	STATE	FED. AID PROJ. NO.
F. CAHILL	12/02	10	WASH	
ENTERED BY	DATE	JOB NUMBER		
H. TRAN	12/02	02A012		
CHECKED BY	DATE	CONTRACT NO.		
I. HASAYEN	12/02			
PROJ. ENGR.	DATE			
D. CIERI	12/02			
REGIONAL ADM.	DATE			
D. DYE	12/02			

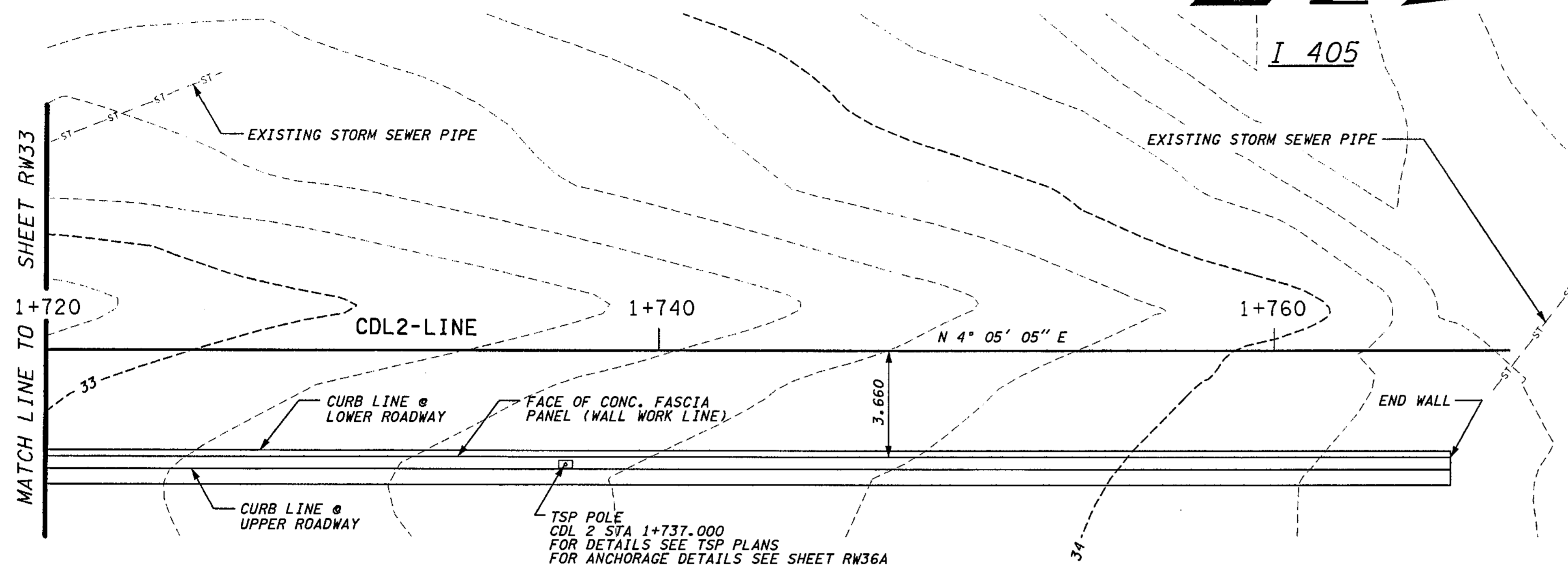
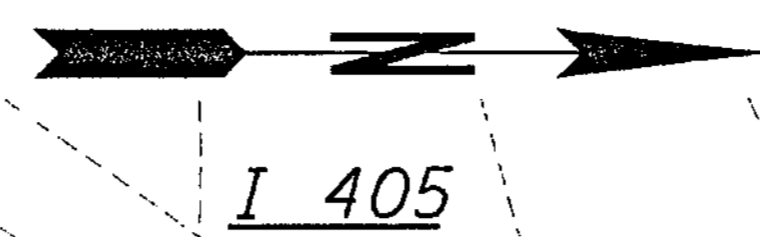


I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

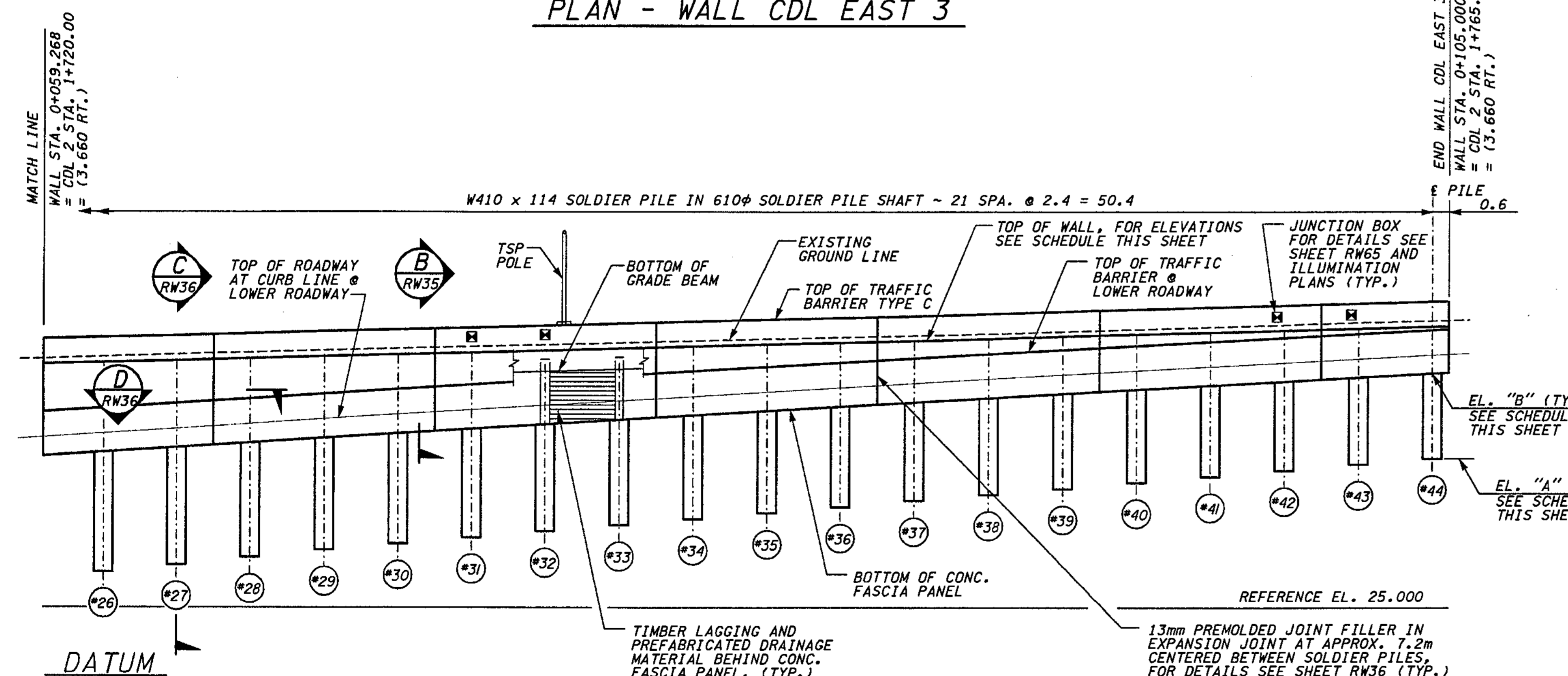
Ret Wall CDL East 3

SHEET NO.  
 RW33I  
 418I  
 1152  
 SHEETS

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



PLAN - WALL CDL EAST 3



REFLECTED ELEVATION - WALL CDL EAST 3

SOLDIER PILE SHAFT ELEVATION SCHEDULE			
SHAFT #	WALL STATION	BOTTOM ELEV. "A"	TOP ELEV. "B"
#1	0+001.200	23.29	25.58
#2	0+003.600	23.52	25.76
#3	0+006.000	23.74	25.95
#4	0+008.400	23.97	26.13
#5	0+010.800	24.19	26.32
#6	0+013.200	24.42	26.50
#7	0+015.600	24.65	26.69
#8	0+018.000	24.87	26.88
#9	0+020.400	25.10	27.06
#10	0+022.800	25.32	27.25
#11	0+025.200	25.55	27.43
#12	0+027.600	25.77	27.62
#13	0+030.000	26.00	27.80
#14	0+032.400	26.21	27.99
#15	0+034.800	26.42	28.17
#16	0+037.200	26.62	28.36
#17	0+039.600	26.83	28.54
#18	0+042.000	27.04	28.71
#19	0+044.400	27.25	28.88
#20	0+046.800	27.45	29.04
#21	0+049.200	27.66	29.21
#22	0+051.600	27.87	29.38
#23	0+054.000	28.05	29.54
#24	0+056.400	28.25	29.70
#25	0+058.800	28.44	29.86
#26	0+061.200	28.63	30.02
#27	0+063.600	28.81	30.18
#28	0+066.000	29.00	30.33
#29	0+068.400	29.17	30.49
#30	0+070.800	29.33	30.64
#31	0+073.200	29.48	30.78
#32	0+075.600	29.62	30.93
#33	0+078.000	29.76	31.08
#34	0+080.400	29.89	31.22
#35	0+082.800	30.01	31.36
#36	0+085.200	30.12	31.50
#37	0+087.600	30.22	31.64
#38	0+090.000	30.31	31.77
#39	0+092.400	30.39	31.91
#40	0+094.800	30.46	32.04
#41	0+097.200	30.52	32.18
#42	0+099.600	30.57	32.31
#43	0+102.000	30.61	32.44
#44	0+104.400	30.64	32.57

TOP OF WALL ELEVATION SCHEDULE	
WALL STATION	TOP OF WALL ELEVATION
0+000.000	31.274
0+001.200	31.302
0+003.600	31.358
0+006.000	31.414
0+008.400	31.470
0+010.800	31.525
0+013.200	31.581
0+015.600	31.636
0+018.000	31.691
0+020.400	31.747
0+022.800	31.802
0+025.200	31.935
0+027.600	31.999
0+030.000	32.064
0+032.400	32.128
0+034.800	32.193
0+037.200	32.257
0+039.600	32.322
0+042.000	32.387
0+044.400	32.451
0+046.800	32.516
0+049.200	32.580
0+051.600	32.645
0+054.000	32.709
0+056.400	32.774
0+058.800	32.839
0+061.200	32.903
0+063.600	32.968
0+066.000	33.032
0+068.400	33.097
0+070.800	33.162
0+073.200	33.226
0+075.600	33.291
0+078.000	33.355
0+080.400	33.420
0+082.800	33.484
0+085.200	33.549
0+087.600	33.614
0+090.000	33.678
0+092.400	33.743
0+094.800	33.807
0+097.200	33.872
0+099.600	33.936
0+102.000	34.001
0+104.400	34.066
0+105.000	34.082

JUNCTION BOX LOCATIONS			
RETAINING WALL CDL EAST 3			
STATION: CDL1-LINE	TYPE	SIZE(mm)	LOCATION
1+644.00	SPARE	460x205x205	IN BARRIER
1+646.40	SPARE	460x205x205	IN BARRIER
STATION: CDL2-LINE			
1+710.00	SPARE	460x205x205	IN BARRIER
1+712.40	SPARE	460x205x205	IN BARRIER
1+734.00	SPARE	460x205x205	IN BARRIER
1+736.40	SPARE	460x205x205	IN BARRIER
1+760.00	SPARE	460x205x205	IN BARRIER
1+762.40	SPARE	460x205x205	IN BARRIER

FOR "AS CONSTRUCTED" PLANS ONLY

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW34
SUPERVISOR		10	WASH					
DESIGNED BY	KJW	12/02				RETAINING WALL CDL EAST 3	SHEET 419 OF 1152 SHEETS	
ENTERED BY	JAS	12/02						
CHECKED BY	JHS	12/02						
PROJ. D. BY	D. CIERI	12/02						
REGIONAL ADM.	D. DYE	12/02						
DATE	DATE	REVISION	BY					

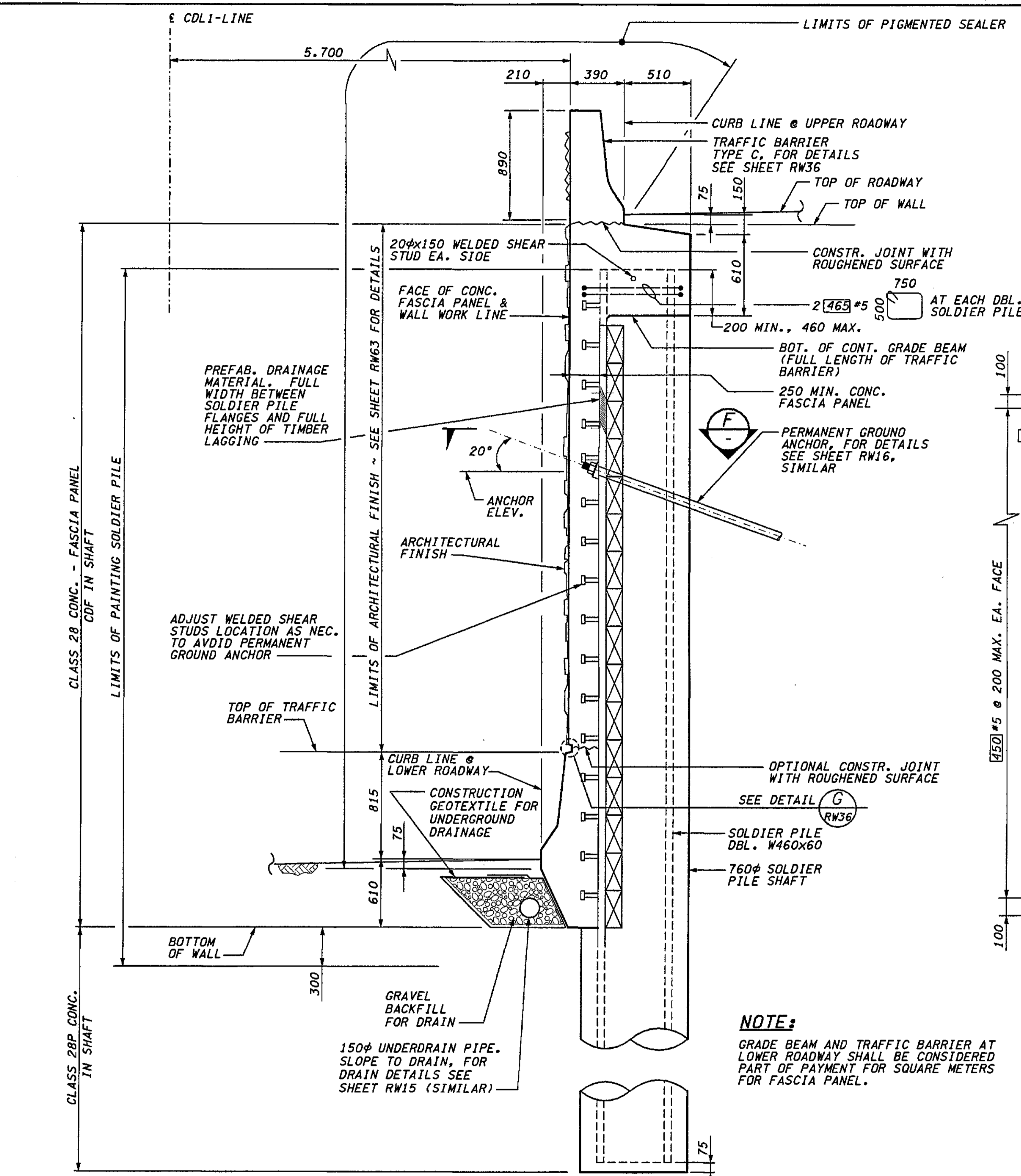
I 405 JOB NO. SHEET 12/06/2002 02:03:58 PM

C:\PWTEMP\dms00358\RW034\_C2.DGN



C:\PWTEMP\dms00358\RW035\_C2.dgn

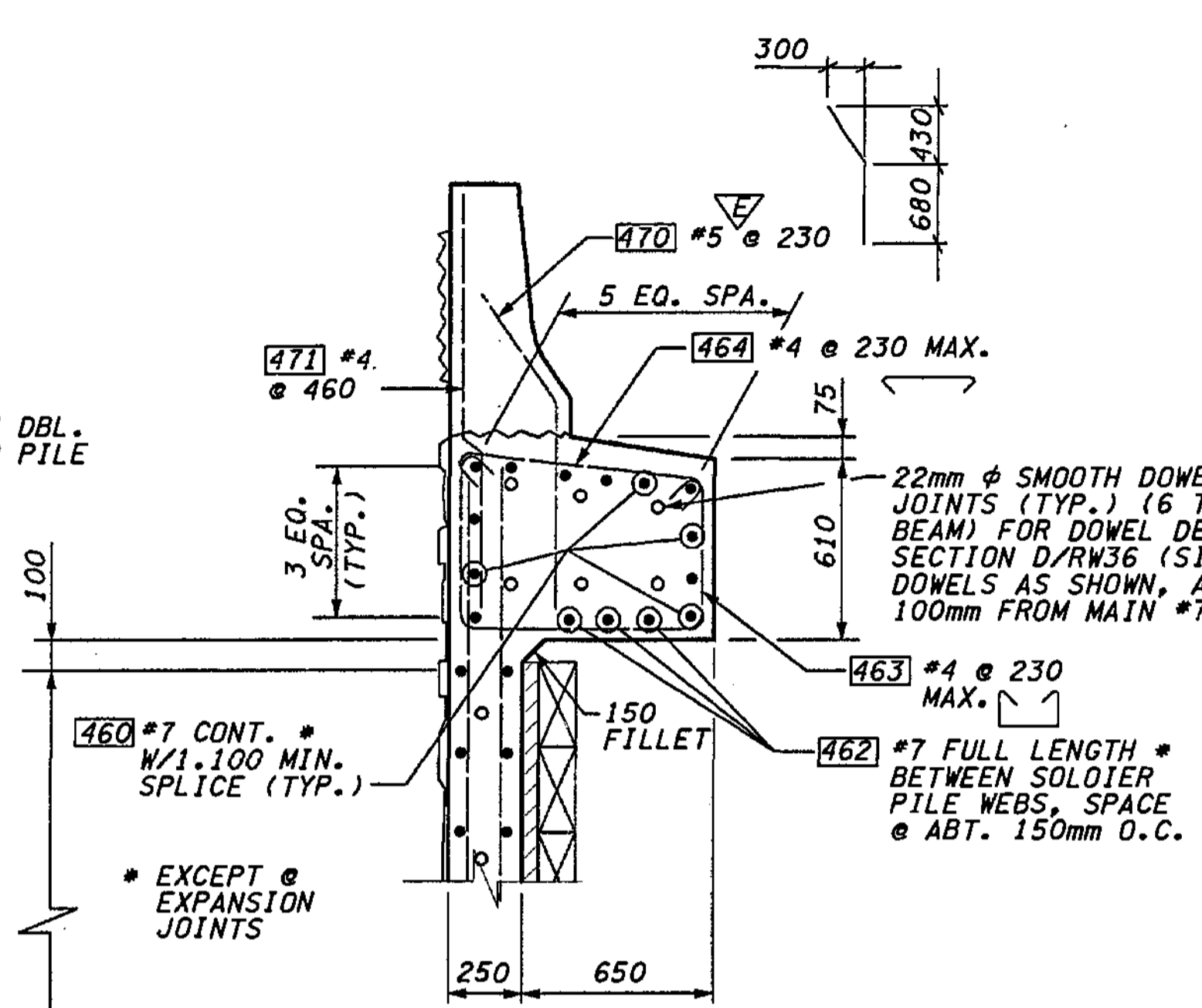
SR 405 JOB NO. SHEET  
 Ikeller 12/03/2002 10:43:12 AM



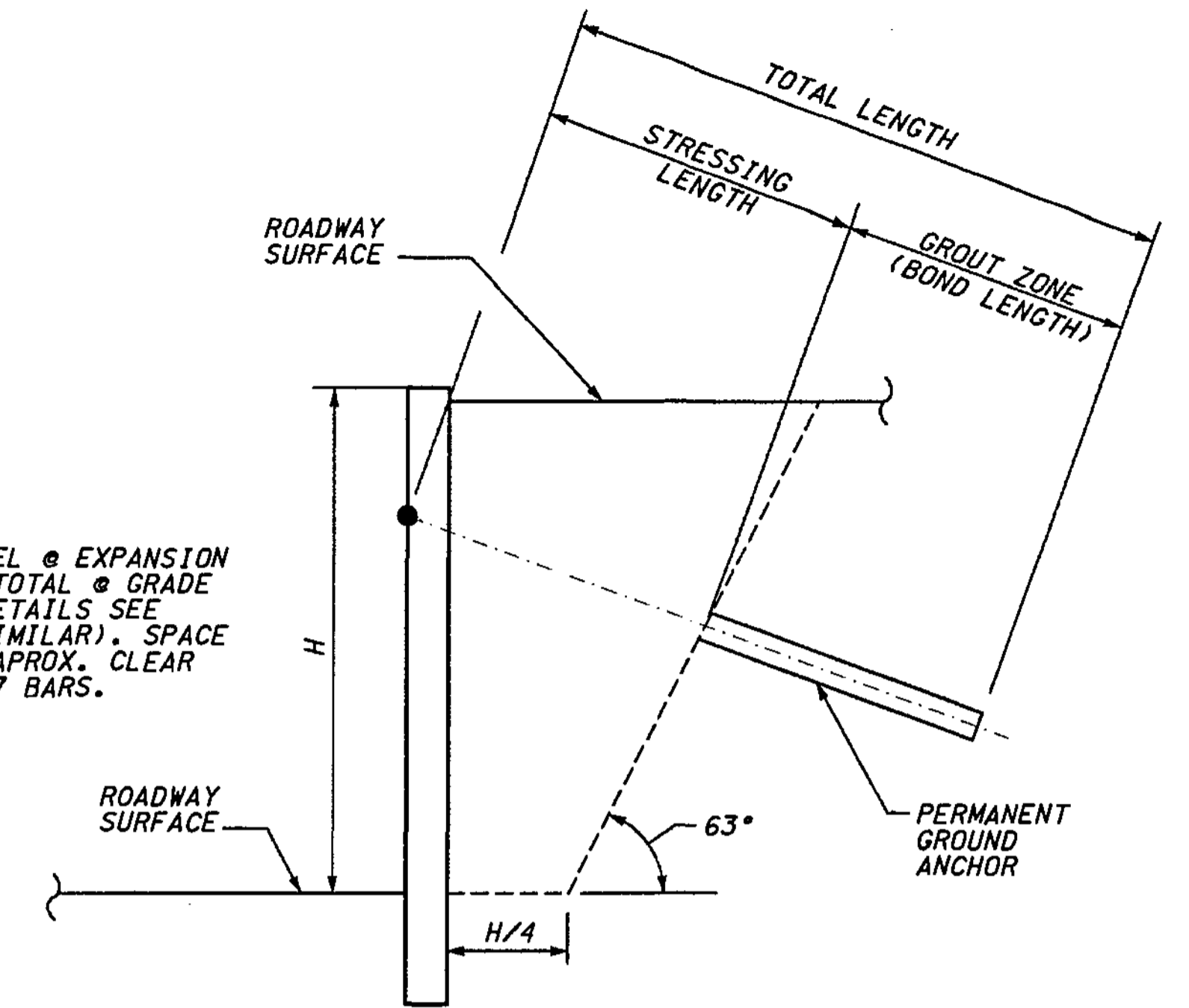
**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

**SECTION A**  
 RW33

**NOTE:**  
 GRADE BEAM AND TRAFFIC BARRIER AT LOWER ROADWAY SHALL BE CONSIDERED PART OF PAYMENT FOR SQUARE METERS FOR FASCIA PANEL.

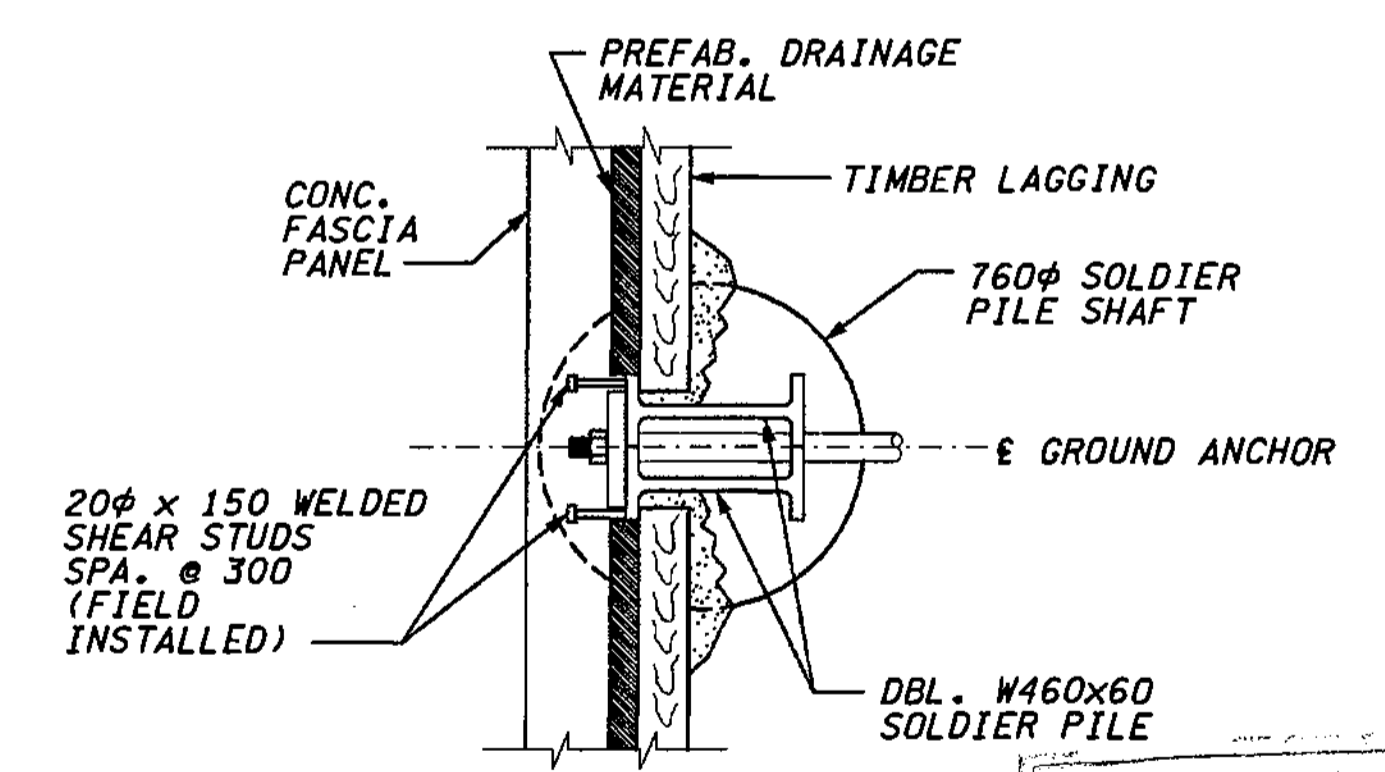


**SECTION B**  
 RW34/RW33/RW21 (SIM.)



**PERMANENT GROUND ANCHOR DETAIL**

PERMANENT GROUND ANCHOR SCHEDULE		
SOLDIER PILE	MIN. BOND LENGTH	DESIGN LOAD
#1 THRU #6	4.6m	280kN
#7 THRU #12	4.6m	210kN
#13 THRU #17	4.6m	150kN
#18 THRU #22	4.6m	120kN



**SECTION F**  
 FOR MISSING INFORMATION SEE SHEET RW16

**FOR "AS CONSTRUCTED PLANS" ONLY**

BRIDGE DESIGN ENGR. SUPERVISOR	DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	DATE	REVISION	BY
	KJW	JAS	JHS	D. CIERI	D. DYE	12/02		
						12/02		
						12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  
  
 H. Szymanski  
 12/03/02

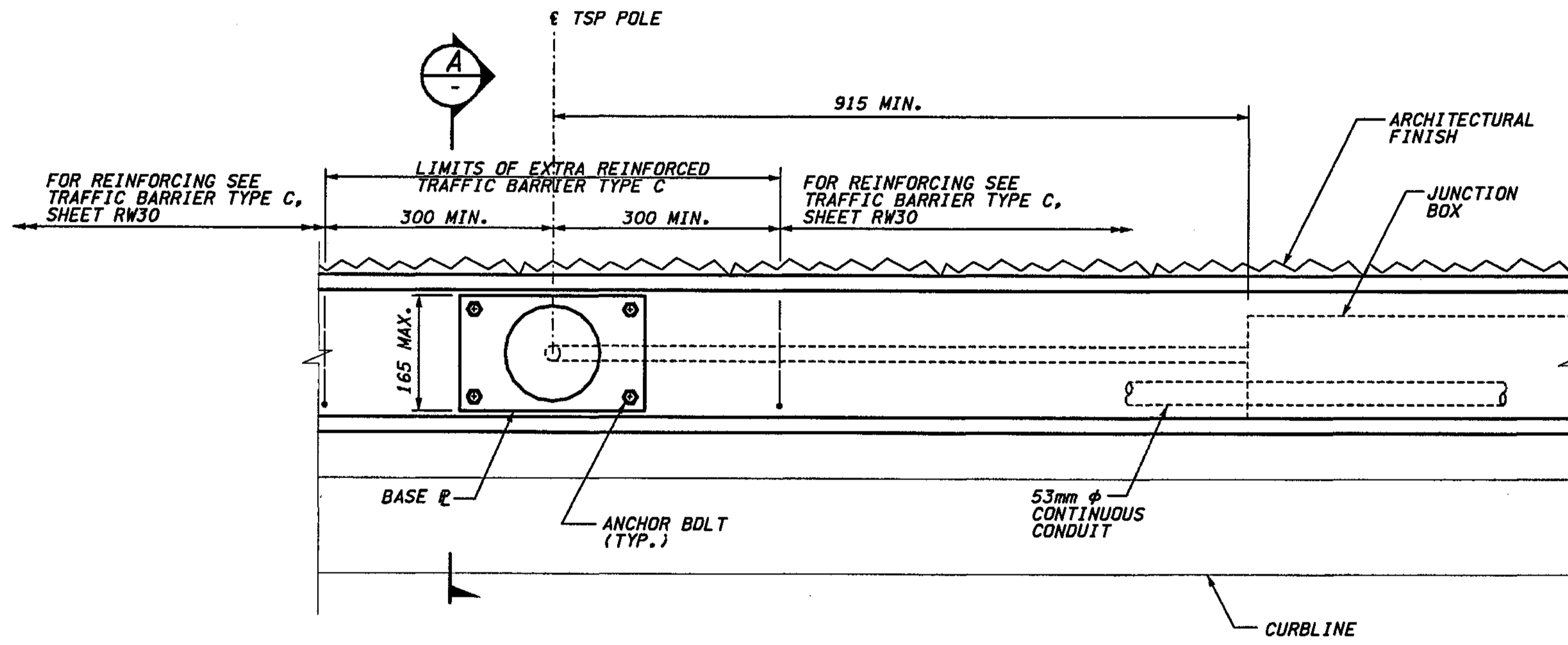
Washington State Department of Transportation  
  
 HDR ENGINEERING INC.

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 RETAINING WALL CDL EAST 3

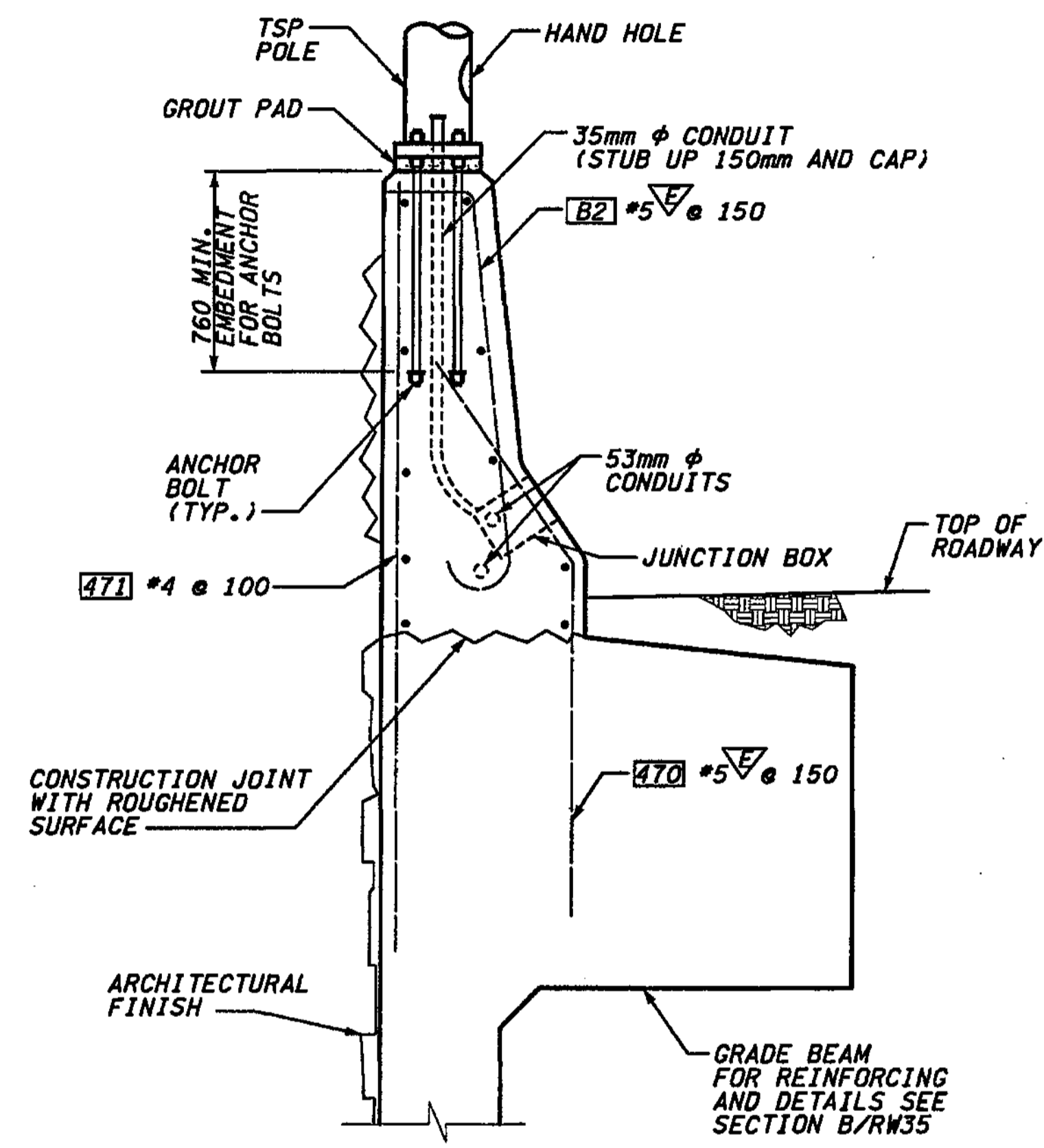
BRIDGE SHEET NO.  
**RW35**  
 SHEET NO.  
**420**  
**1152**  
 SHEETS







**TSP BASE @ TRAFFIC BARRIER TYPE C  
 PLAN**



**SECTION A**

FOR MISSING INFORMATION SEE TRAFFIC BARRIER TYPE C, SHEET RW36

**NOTES:**

1. FOR TSP POLE INFORMATION REFER TO TSP PLANS.
2. MATERIAL SPECIFICATIONS: ANCHOR BOLTS SHALL CONFORM TO THE SPECIFICATIONS OF THE TSP POLE MANUFACTURER'S PRE-APPROVED DRAWING.

**FOR "AS CONSTRUCTED PLANS" ONLY**

**METRIC LEGEND:**

29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

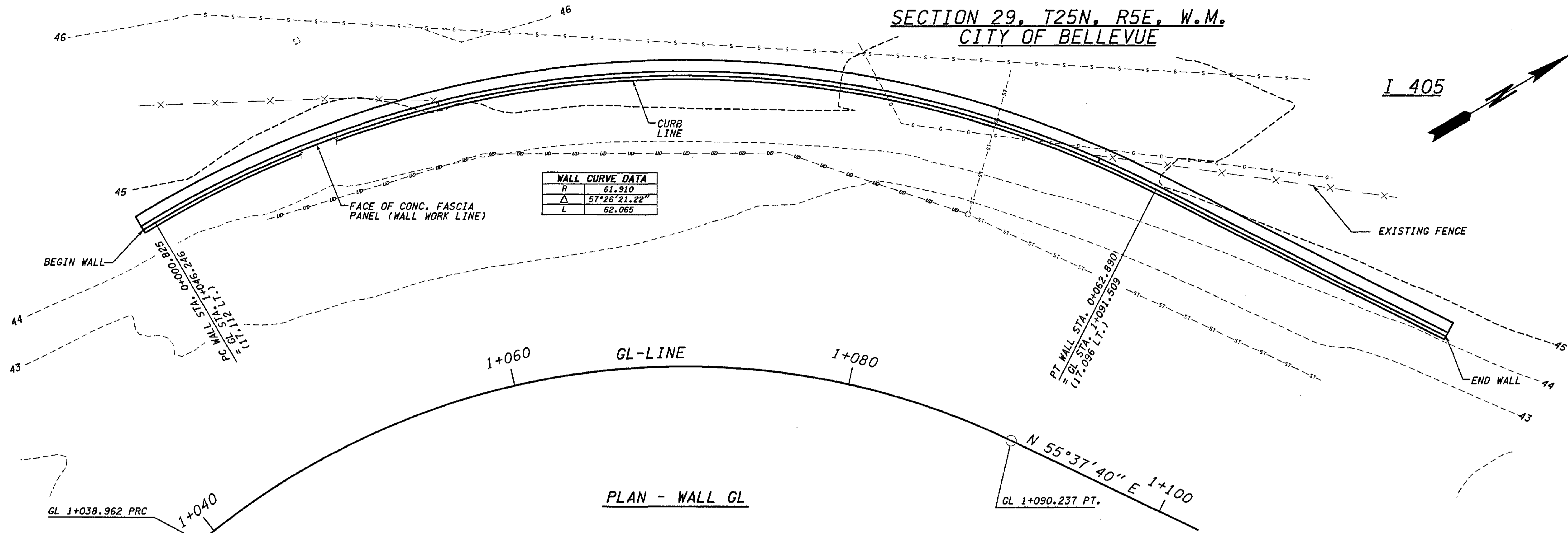
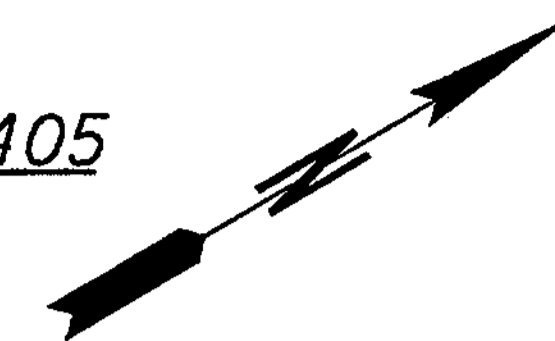
BRIDGE DESIGN ENGR.		REGION NO.		STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO.
SUPERVISOR		10	WASH						RW36A
DESIGNED BY	JHS 12/02	JOB NUMBER		02A012			RETAINING WALL CDL EAST 3	SHEET 472 OF 1152 SHEETS	
ENTERED BY	CCW 12/02	CONTRACT NO.							
CHECKED BY	SKA 12/02	DATE	DATE	REVISION	BY				
PROJ. ENGR.	D. CIERI 12/02								
REGIONAL ADM.	D. DYE 12/02								

C:\PWTEMP\dms00358\RW037\_C2.DGN

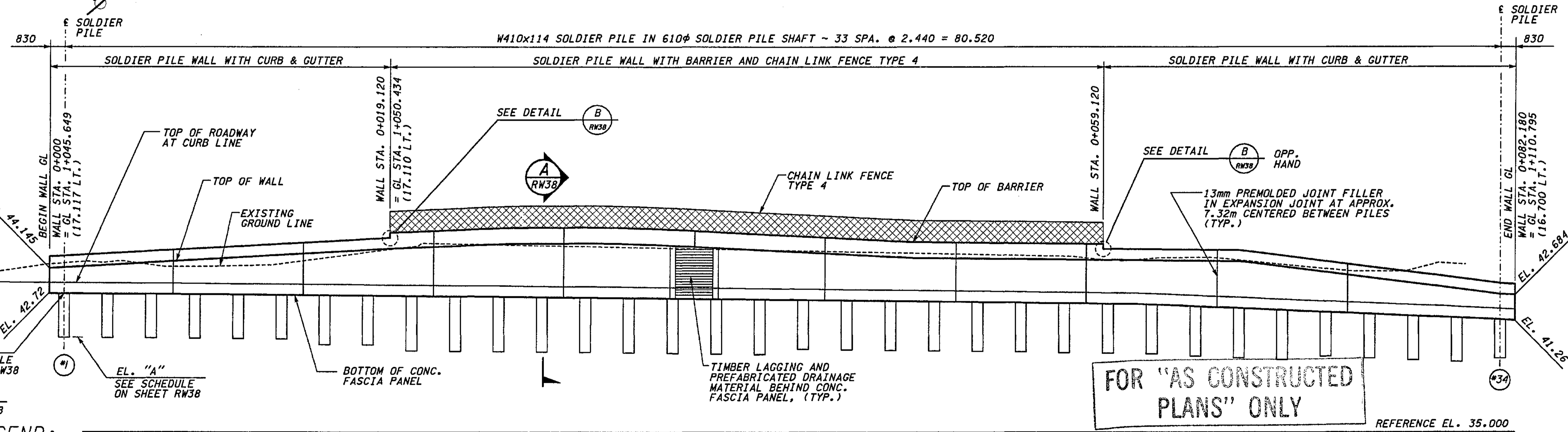
L 405 JOB NO. SHEET 12/03/2002 10:43:41 AM

SECTION 29, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405



WALL CURVE DATA	
R	61.910
Δ	57°26'21.22"
L	62.065



**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

DEVELOPED ELEVATION - WALL GL

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR		10	WASH	
DESIGNED BY BTA	12/02	JOB NUMBER	02A012	
ENTERED BY MJB	12/02	CONTRACT NO.		
CHECKED BY KJW	12/02			
PROJD. DYER, D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
	DATE	DATE	REVISION	BY

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

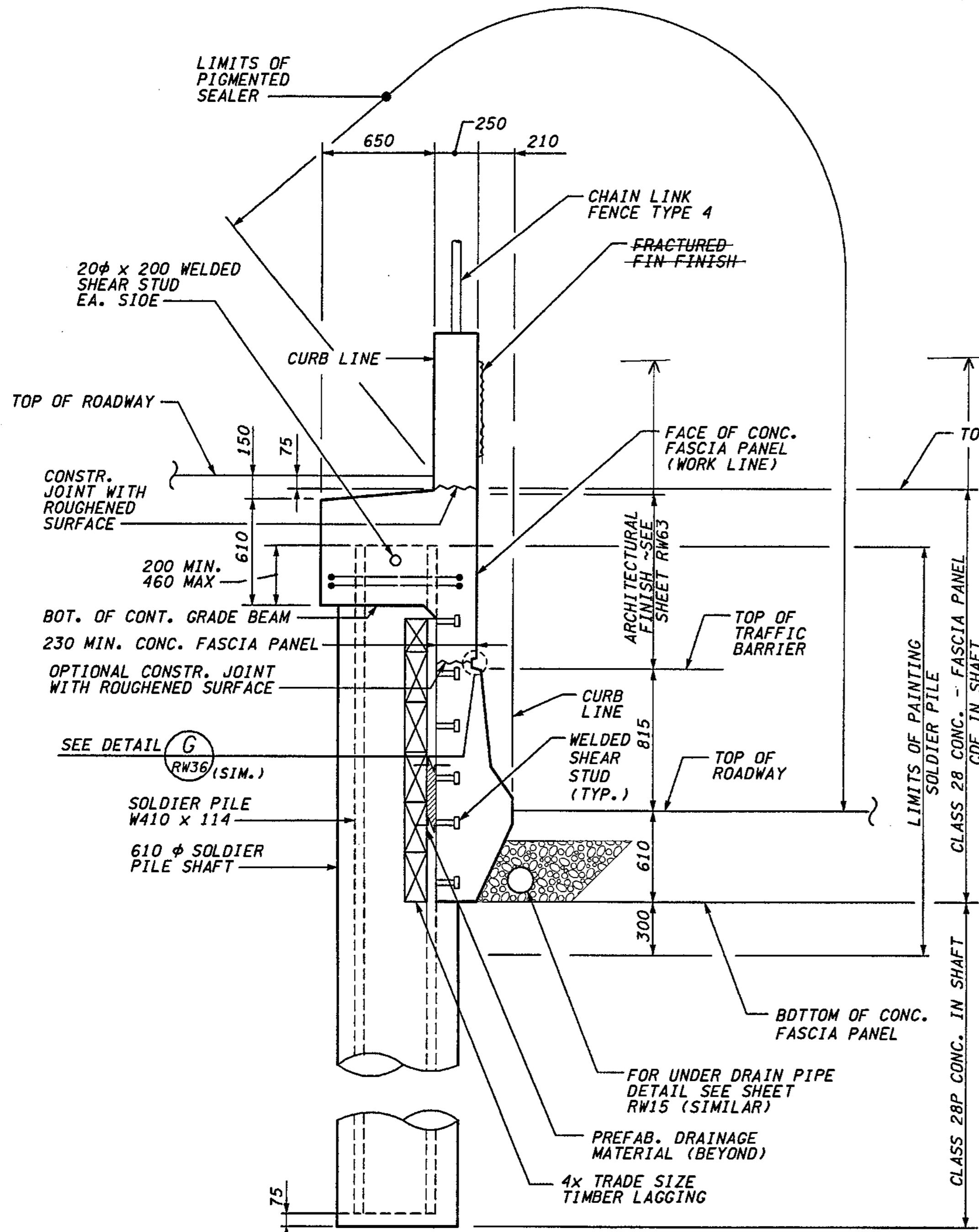
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL GL

BRIDGE SHEET NO.  
RW37  
SHEET  
423  
1152  
SHEETS

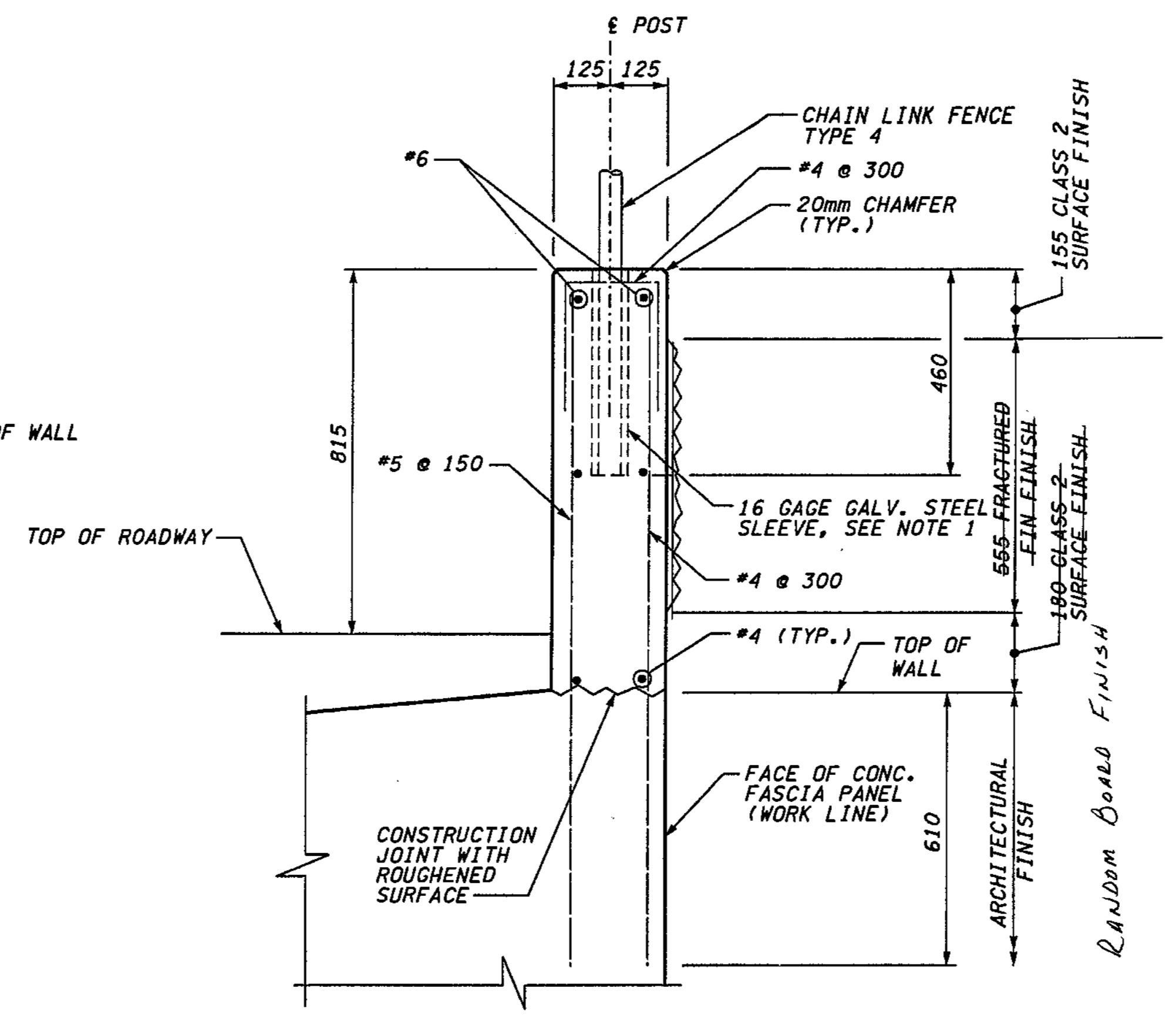


SR 405 JOB NO. SHEET 12/03/2002 10:43:47 AM  
 C:\P\TEMP\dms00358\RW038\_C2.dgn

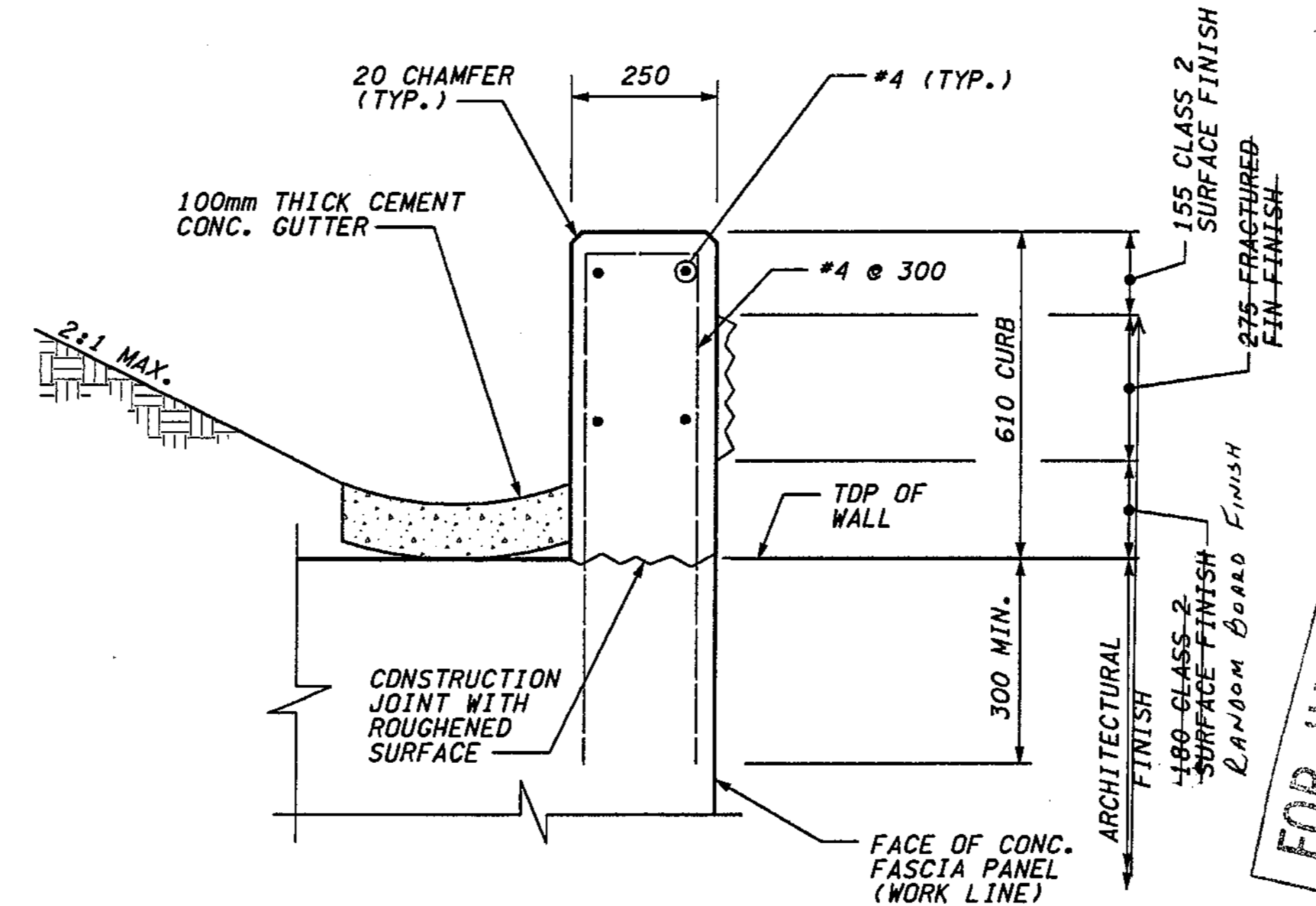


**SECTION A**  
RW37

**DUMMY JOINT SECTION**  
OMIT ON BACK FACE OF BARRIER

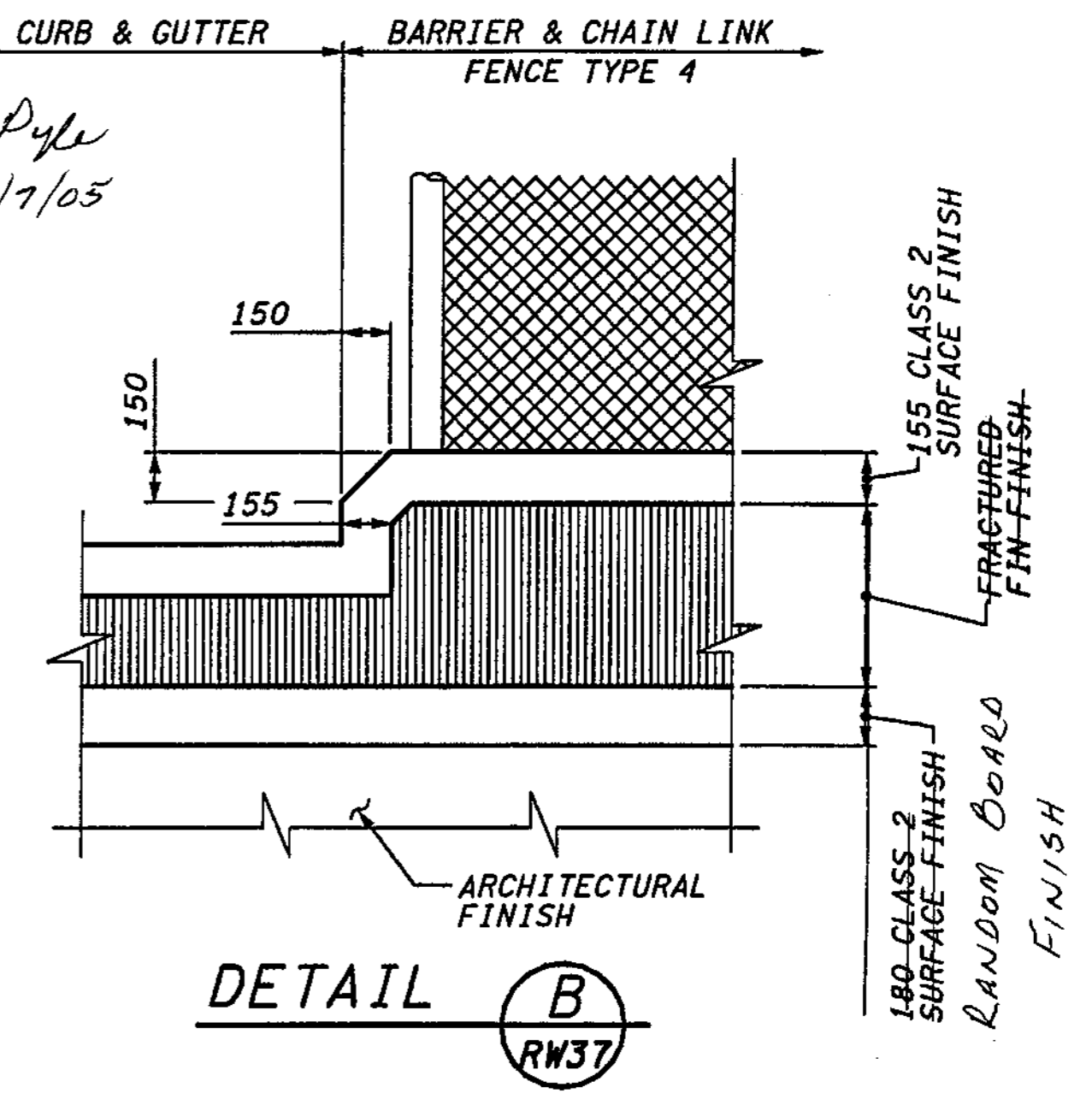


**TYPICAL SECTION BARRIER AND CHAIN LINK FENCE TYPE 4**



**TYPICAL SECTION CURB AND GUTTER**

FOR "AS CONSTRUCTED PLANS" ONLY  
 Bob Pyle 1/7/05



**NOTES:**

- FILL STEEL SLEEVE WITH EPOXY RESIN STARTING AT BOTTOM TO 4mm ABOVE TOP OF BARRIER. DIAMETER OF SLEEVE SHALL BE I.D. POST + 25mm.
- CHAIN LINK FENCE POSTS SHALL BE PLUMB.
- SEE SHEET RW35 FOR CONCRETE FASCIA PANEL AND GRADE BEAM DETAILS (SIMILAR).

SOLDIER PILE SHAFT ELEVATION SCHEDULE				
SHAFT #	WALL STATION	BOTTOM ELEV. "A"	TOP ELEV. "B"	TOP OF WALL ELEV.
#1	0+000.830	40.28	42.72	44.194
#2	0+003.270	40.26	42.70	44.419
#3	0+005.710	40.25	42.69	44.659
#4	0+008.150	40.24	42.68	44.745
#5	0+010.590	40.23	42.67	44.791
#6	0+013.030	40.21	42.65	44.840
#7	0+015.470	39.89	42.63	44.939
#8	0+017.910	39.87	42.61	45.129
#9	0+020.350	39.86	42.60	45.302
#10	0+022.790	39.53	42.58	45.406
#11	0+025.230	39.51	42.56	45.509
#12	0+027.670	39.49	42.54	45.545
#13	0+030.110	39.47	42.52	45.550
#14	0+032.550	39.45	42.50	45.515
#15	0+034.990	39.42	42.47	45.425
#16	0+037.430	39.40	42.45	45.303
#17	0+039.870	39.37	42.42	45.179
#18	0+042.310	39.65	42.39	45.056
#19	0+044.750	39.62	42.36	44.932
#20	0+047.190	39.60	42.34	44.809
#21	0+049.630	39.56	42.30	44.734
#22	0+052.070	39.53	42.27	44.710
#23	0+054.510	39.50	42.24	44.686
#24	0+056.950	39.47	42.21	44.662
#25	0+059.390	39.44	42.18	44.638
#26	0+061.830	39.39	42.13	44.614
#27	0+064.270	39.29	42.03	44.590
#28	0+066.710	39.19	41.93	44.565
#29	0+069.150	39.09	41.83	44.277
#30	0+071.590	39.29	41.73	43.966
#31	0+074.030	39.18	41.62	43.656
#32	0+076.470	39.07	41.51	43.345
#33	0+078.910	38.96	41.40	43.035
#34	0+081.350	39.17	41.30	42.725

**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY BTA	12/02	JOB NUMBER		
ENTERED BY MJB	12/02	02A012		
CHECKED BY KJW	12/02	CONTRACT NO.		
PROJ. ENGR. D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  
  
 12/06/02

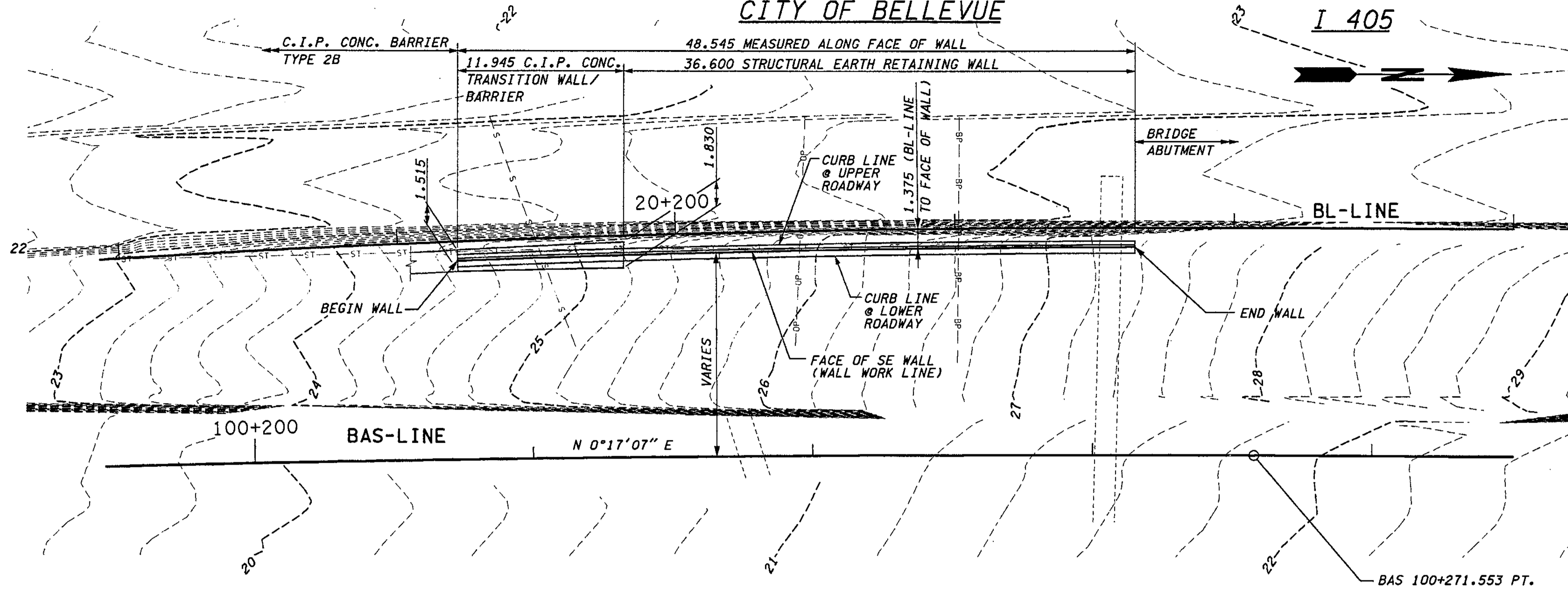
Washington State Department of Transportation  
  
 ENGINEERING INC.

I 405 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 RETAINING WALL GL  
 BRIDGE SHEET NO. RW38  
 SHEET 424 OF 1152 SHEETS

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

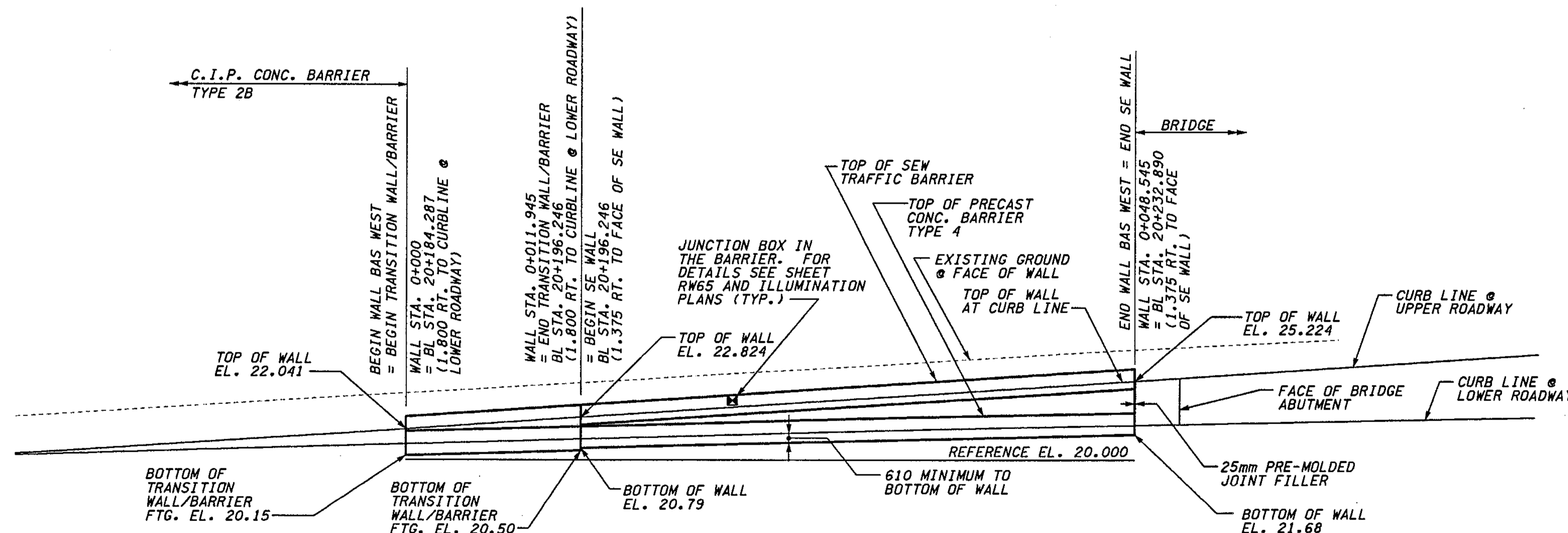
NOTES:

1. THE CONTRACTOR SHALL DETERMINE TOP OF WALL ELEVATIONS (ELEVATIONS BETWEEN THOSE SHOWN IN THE PLANS) FROM BL-LINE PROFILE & SUPERELEVATION DIAGRAM, SEE SHEET RP12, USING A CONSTANT OFFSET = 1.200m RT.
2. FOR WALL TYPICAL SECTION SEE SHEET RW40.
3. C.I.P. CONC. TRANSITION WALL/BARRIER SHALL BE SIMILAR TO C.I.P. CONC. BARRIER TYPE 2B - SEE SHEET BD1. VARY DIMENSIONS UNIFORMLY BETWEEN CONC. BARRIER TYPE 2B AND SEW WALL. BARS MARK# 14 AND 15 SHALL BE #5 @ 230.



PLAN - WALL BAS WEST

JUNCTION BOX LOCATIONS			
RETAINING WALL BAS WEST			
STATION: BAS-LINE	TYPE	SIZE (mm)	LOCATION
20+206.00	SPARE	460x205x205	IN BARRIER



ELEVATION - WALL BAS WEST

FOR "AS CONSTRUCTED PLANS" ONLY

METRIC LEGEND:

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR		10	WASH	
DESIGNED BY KJW	12/02	JOB NUMBER	02A012	
ENTERED BY JAS	12/02	CONTRACT NO.		
CHECKED BY JHS	12/02			
PROJD. DYER, D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

EXPRES: 09/09/04

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL BAS WEST

BRIDGE SHEET NO. RW39

SHEET 425 OF 1152 SHEETS

C:\PWTEMP\dms00358\RW039\_C2.DGN

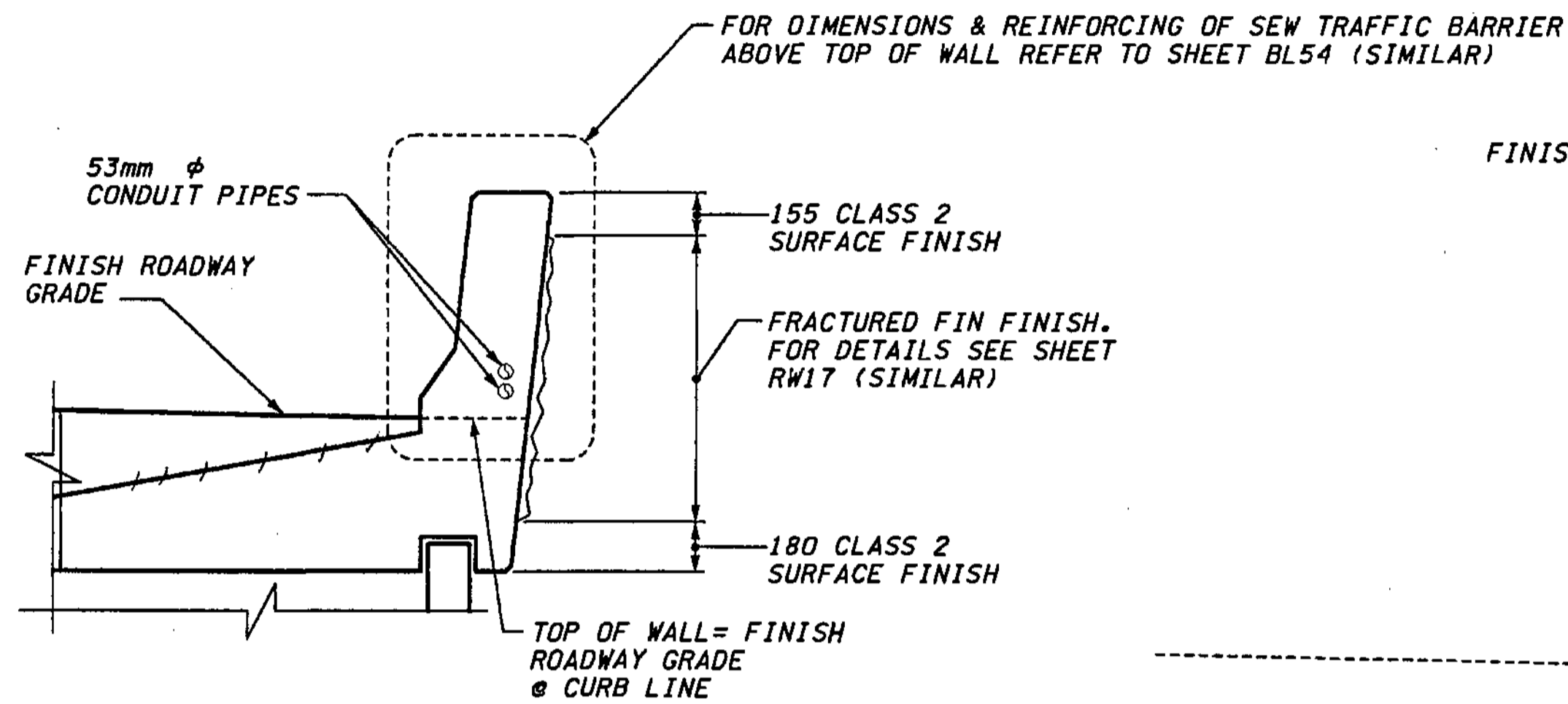
I 405 JOB NO. SHEET 12/03/2002 01:44:20 PM



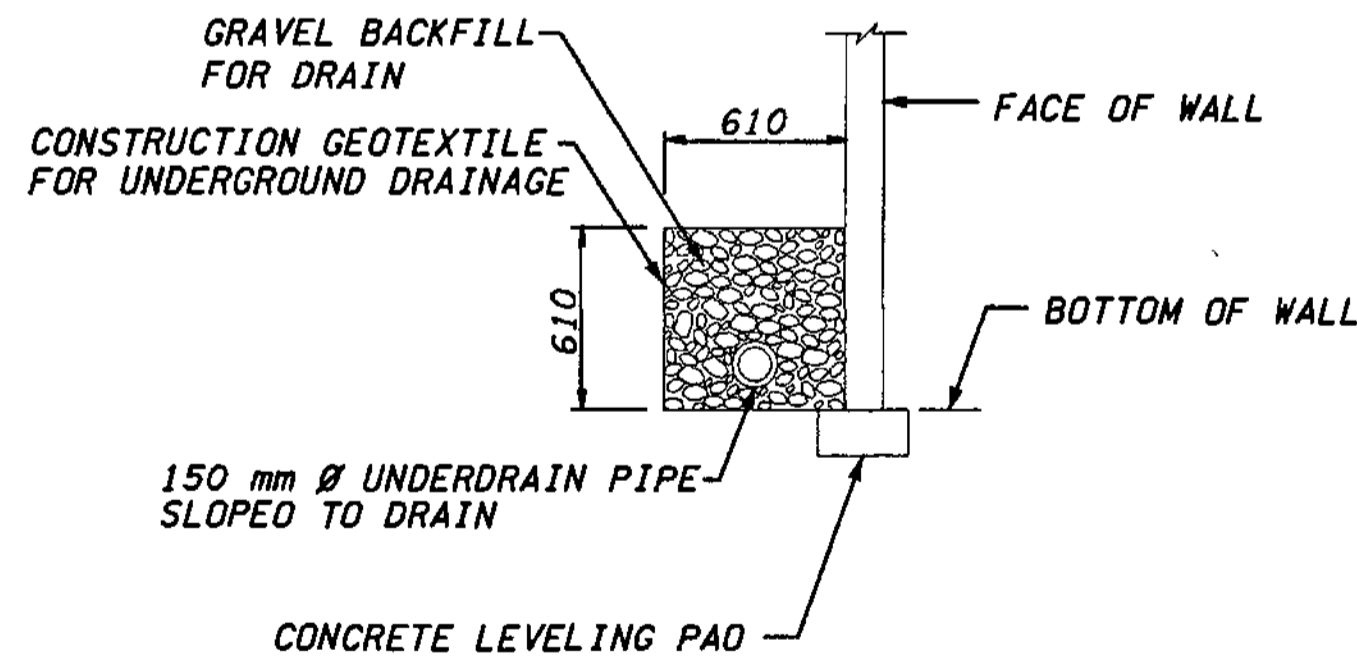
**NOTES:**

1. SEW TRAFFIC BARRIER DIMENSIONS AND REINFORCEMENT SHALL BE DESIGNED BY THE CONTRACTOR. PORTION OF THE SEW TRAFFIC BARRIER ABOVE TOP OF WALL SHALL MATCH TRAFFIC BARRIER ON BL/CDL BRIDGE.
2. FOR PLAN LAYOUT AND MISC. DETAILS OF SEW TRAFFIC BARRIER. SEE SHEET RW17 (SIMILAR).
3. WHEN MORE THAN 600mm IS REQUIRED, THE CONTRACTOR SHALL ADJUST THE LOCATION OF END OF TRANSITION WALL = BEGINNING OF SE WALL, TO CLEAR THE BOTTOM OF SEW TRAFFIC BARRIER FROM TOP OF PRECAST CONCRETE BARRIER.

C:\PWTEMP\dms00358\RW040\_C2.dgn



**SEW TRAFFIC BARRIER**

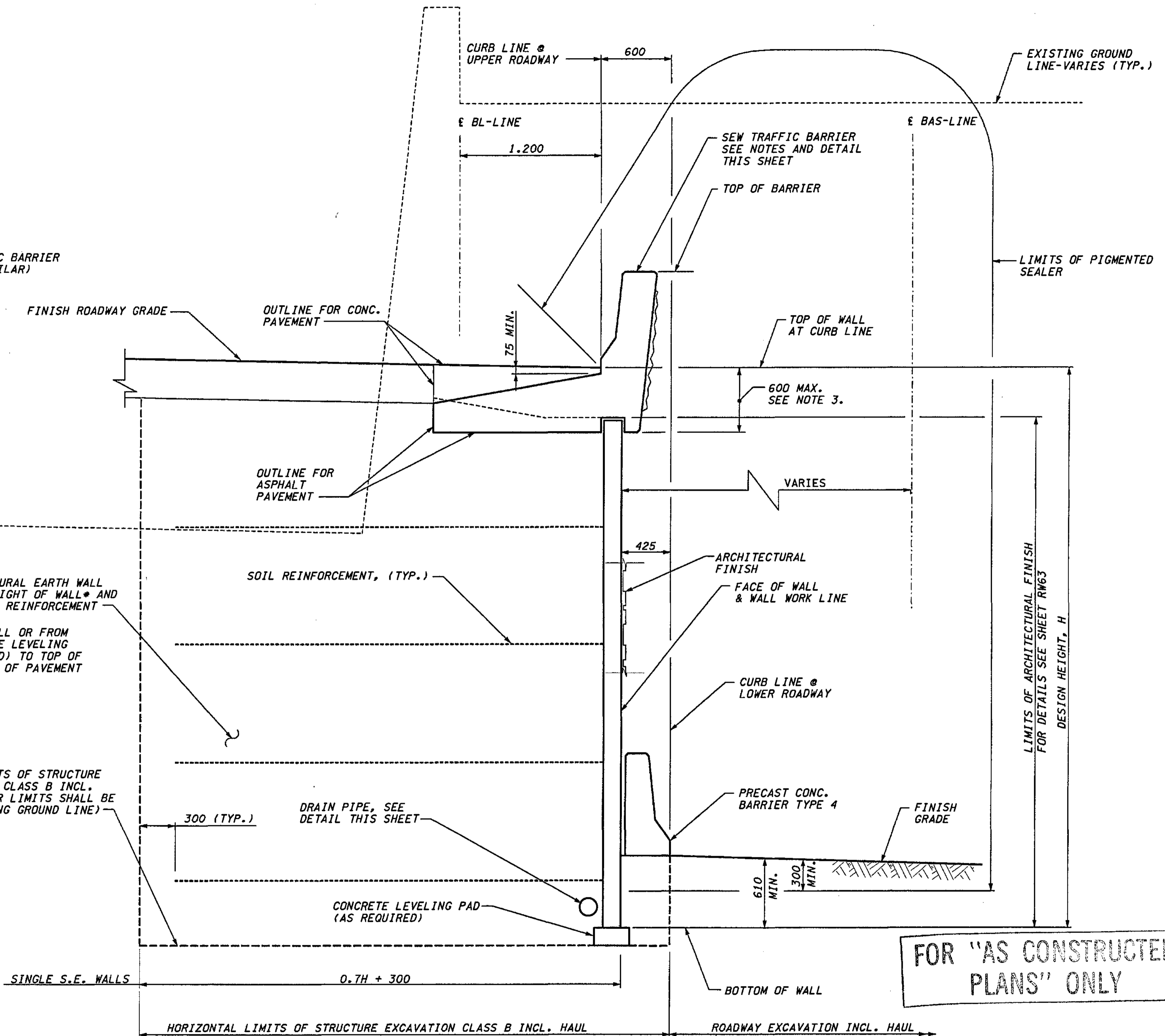


**DRAIN PIPE DETAIL**

BACKFILL FOR STRUCTURAL EARTH WALL INCL. HAUL (FULL HEIGHT OF WALL\* AND FULL LENGTH OF SOIL REINFORCEMENT)

\* FROM BOTTOM OF WALL OR FROM BOTTOM OF CONCRETE LEVELING PAD (WHEN REQUIRED) TO TOP OF WALL OR TO BOTTOM OF PAVEMENT SECTION.

LOWER LIMITS OF STRUCTURE EXCAVATION CLASS B INCL. HAUL (UPPER LIMITS SHALL BE THE EXISTING GROUND LINE)



FOR "AS CONSTRUCTED PLANS" ONLY

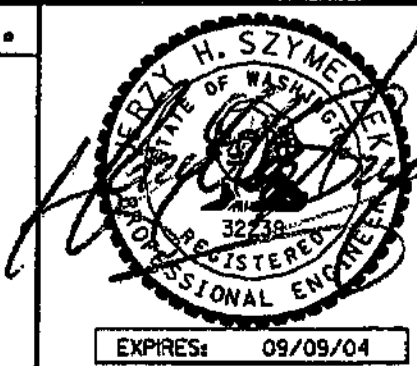
**TYPICAL SECTION STRUCTURAL EARTH WALL** (SEE ATTACHED SHEETS)

**METRIC LEGEND:**

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I 405 JOB NO. SHEET 12/03/2002 10:44:12 AM

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR				10	WASH	
DESIGNED BY	KJW	12/02		JOB NUMBER		
ENTERED BY	JAS	12/02		02A012		
CHECKED BY	JHS	12/02		CONTRACT NO.		
PROJ. DYER, D. CIERI		12/02				
REGIONAL ADM. D. DYE.		12/02				
	DATE	DATE	REVISION	BY		



ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

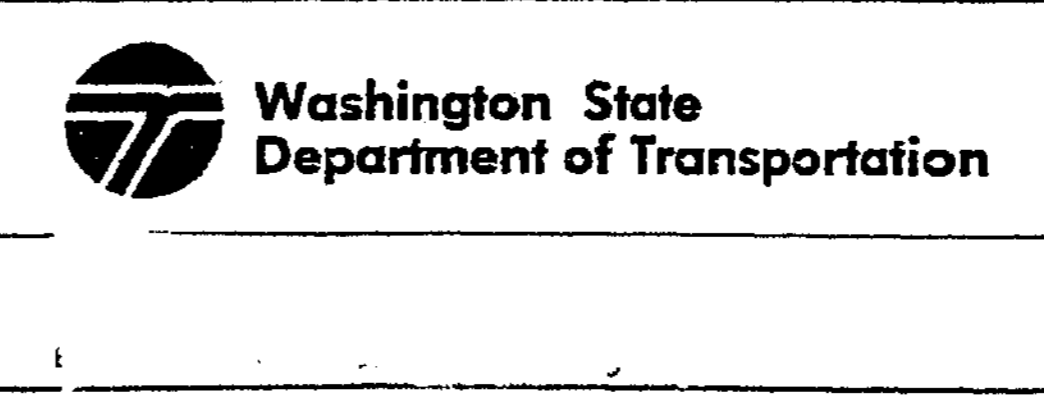
RETAINING WALL BAS WEST

BRIDGE SHEET NO.	RW40
SHEET NO.	426
SHEETS	1152

DESIGNED BY	F. CAHILL	12/02
ENTERED BY	H. TRAN	12/02
CHECKED BY	I. HASAYEN	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION
		BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

FOR "AS CONSTRUCTED PLANS" ONLY



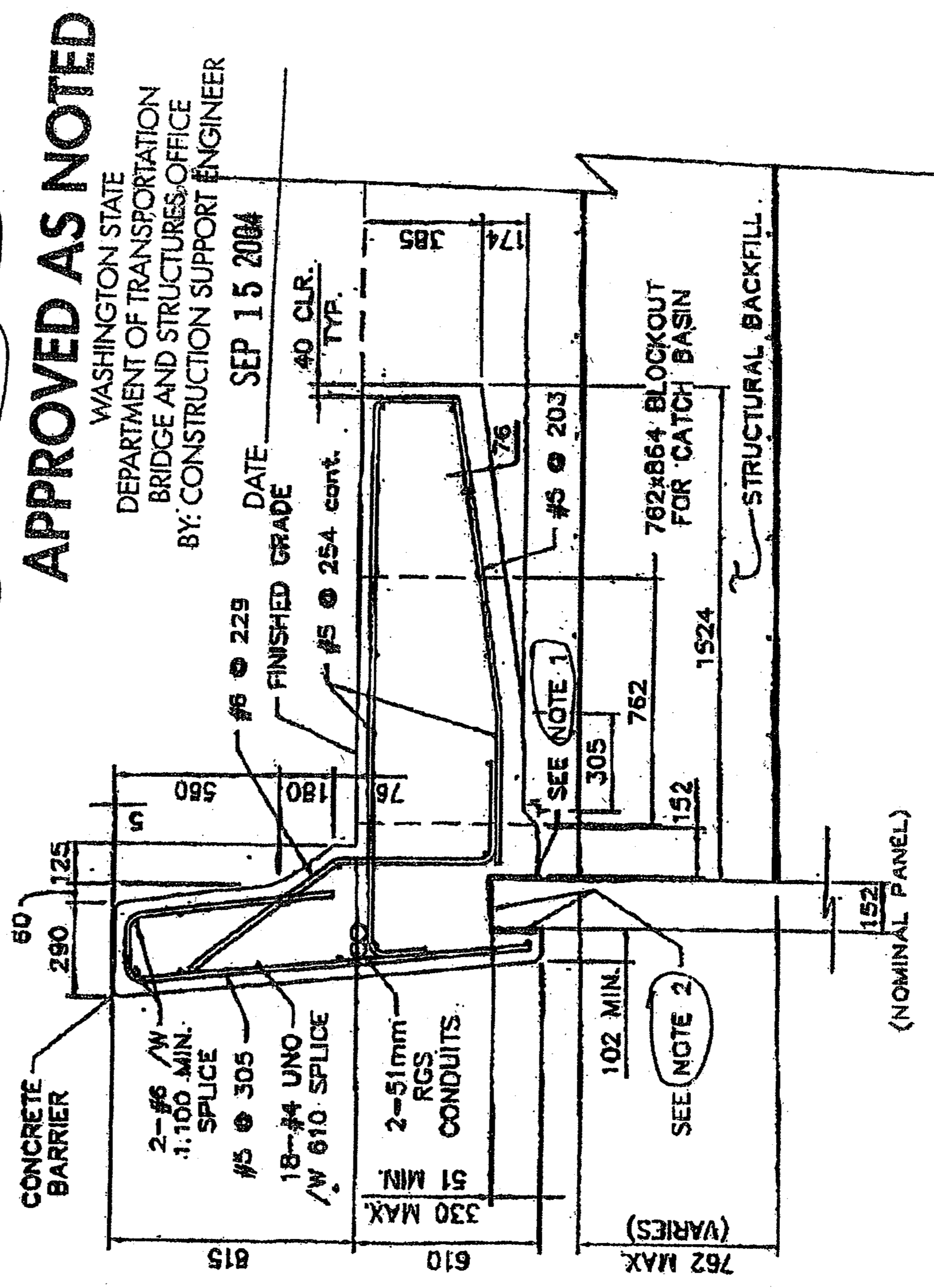
1 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ret wall BAS West

SHEET NO  
 RW40A  
 426A  
 1152 SHEETS

TO: TUE 10:06 FAX 425 840 4420 DOT-412044 OSBORGE W504  
 FROM: AUG-27-2004 16:27 KLB CONSTRUCTION 425-888-5555 P.02/02  
 FROM NO. 1:1815788517 FROM: 26 2004 10:45AM P1

CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. H. [Signature]  
 DATE 9-14-2004  
 APPROVED AS NOTED  
 RETURNED FOR CORRECTION

NOTE:  
 1. 25.4 mm STYROFOAM OR APPROVED COMPRESSIBLE MATERIAL ON INTERIOR SLAB.  
 2. 25.4 mm EXPANSION JOINT MATERIAL OR APPROVED EQUAL ON EXTERIOR SLAB AND TOP.



**ALTERNATE BARRIER DETAIL**





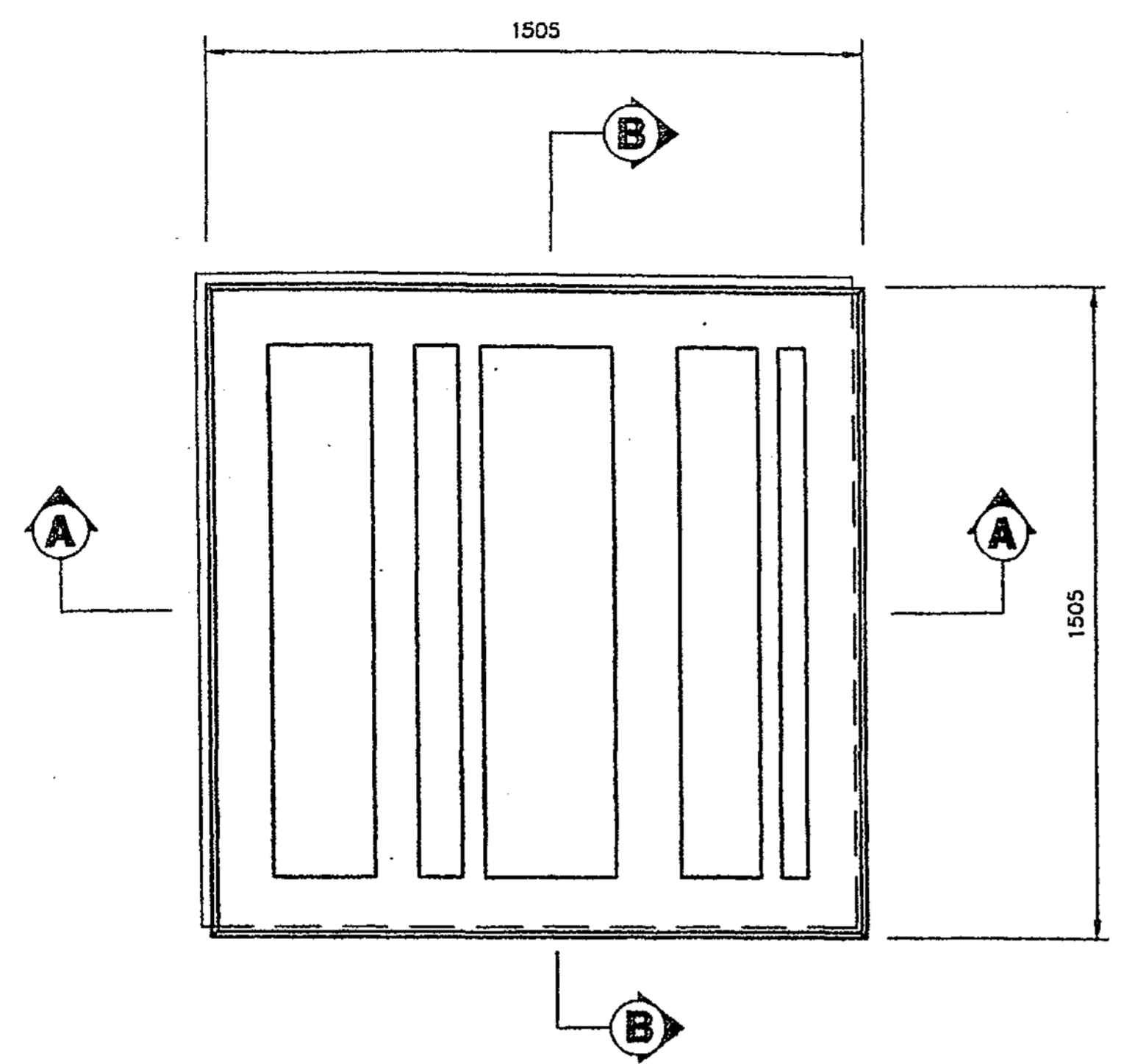
c:\p\temp\dms00355\4s004\_c2.dgn

PL0T4

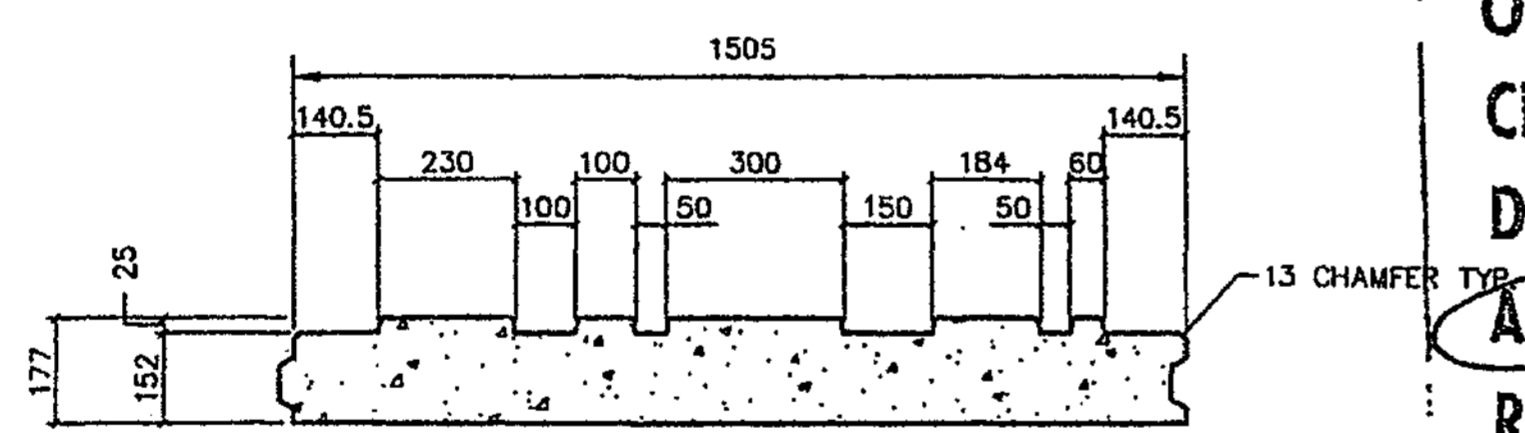
11/21/2002 09:28:50 AM

DiemT

G:\2004\client Drawings\SSLV-405 - Bellevue\RW-3-2.dwg, 1/23/2004 9:04:53 AM, Robert Johnson

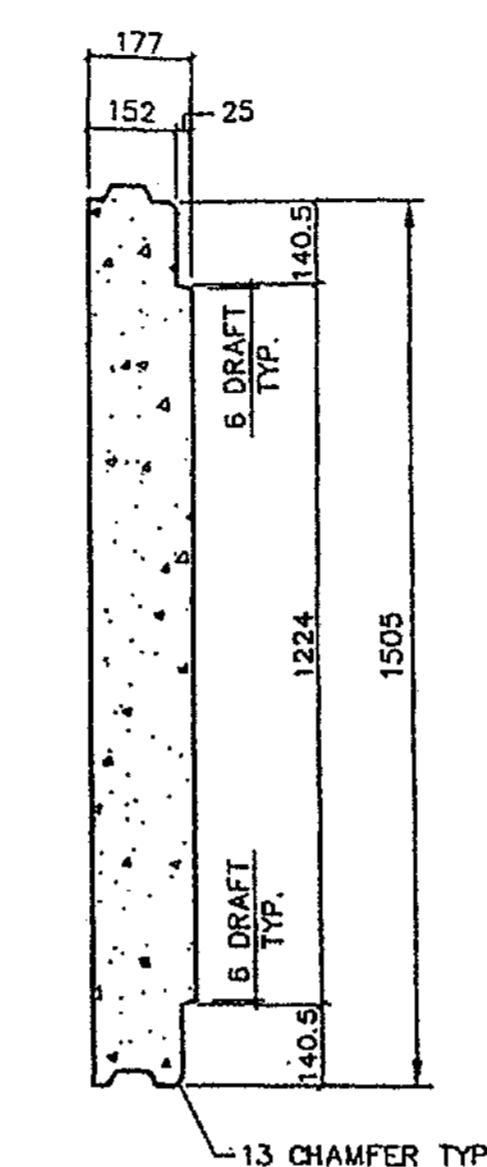


**TYPE 'A' ARCHITECTURAL PANEL DETAIL**  
(FRONT FACE SHOWN)  
TYPE "D" = TYPE "A" ROTATED 180°



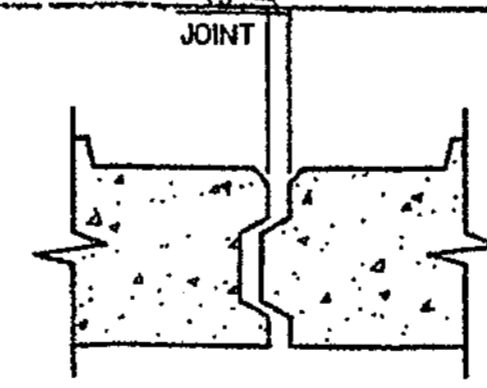
**SECTION A-A**  
NOT TO SCALE

FORMLINER "A" TO BE USED ON TYPE "A", "XA" AND "T2" PANELS.  
FORMLINER "D" TO BE USED ON TYPE "D", "XD" AND "T5" PANELS.

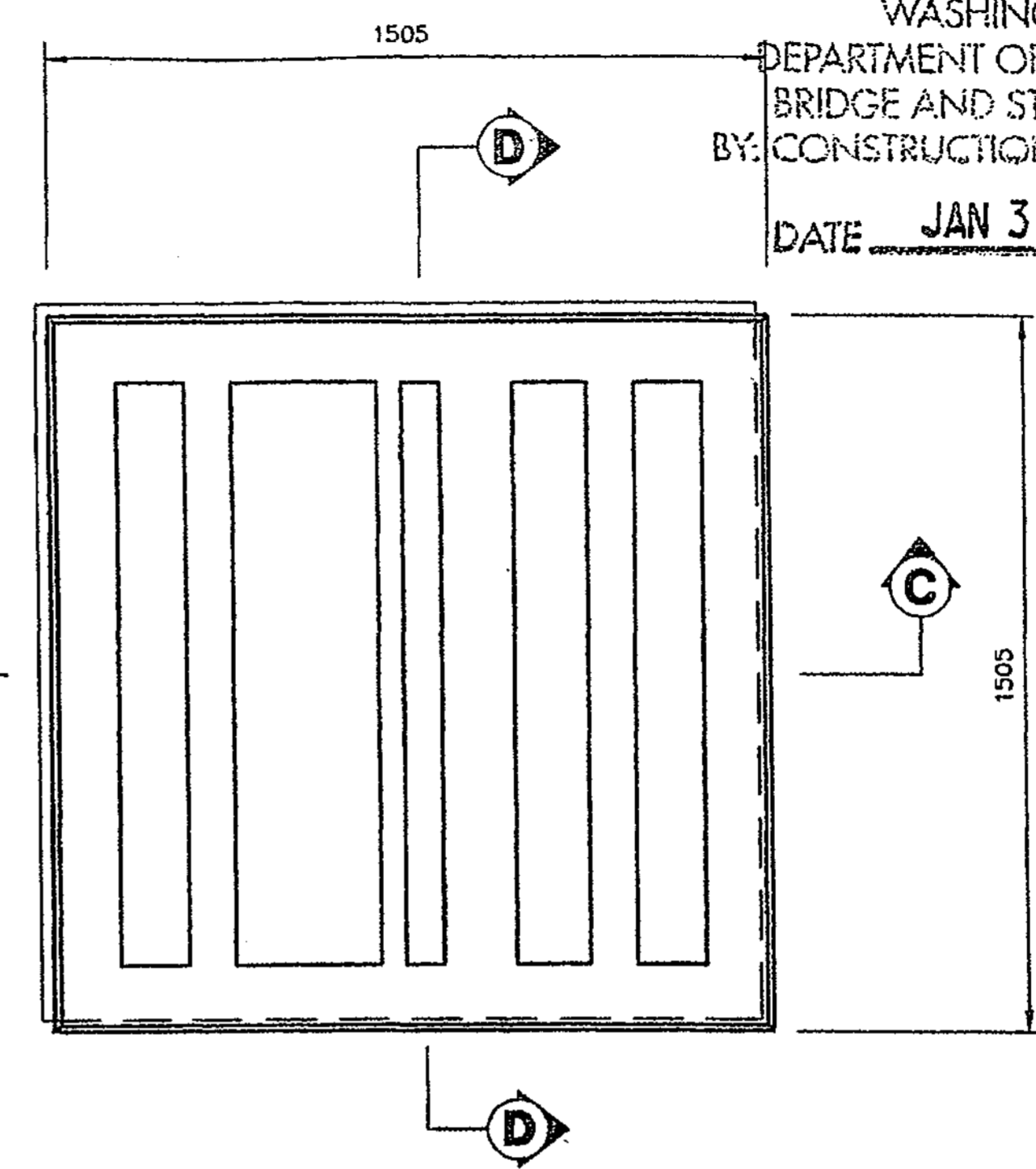


**SECTION B-B**  
NOT TO SCALE

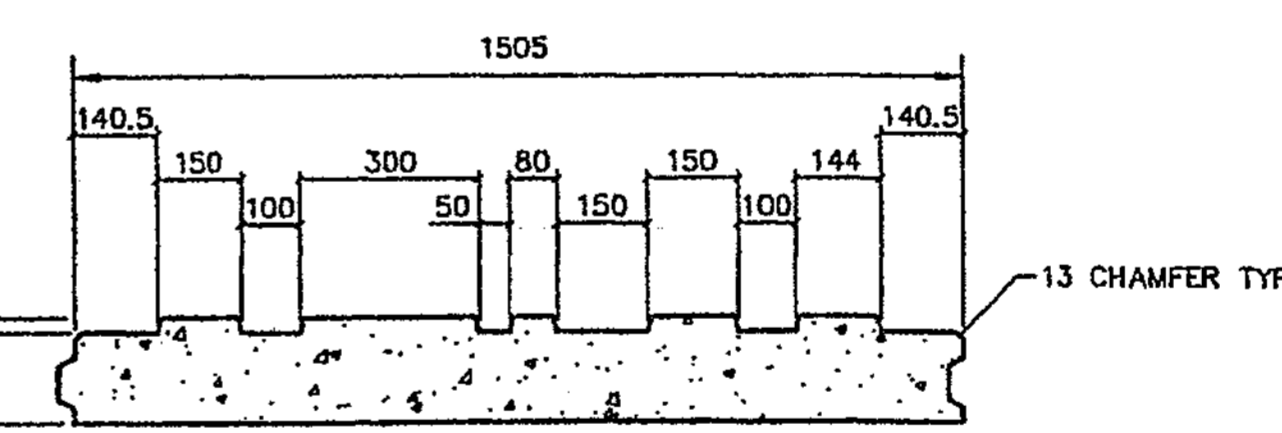
CONTR. NO. C-6549  
OFFICE COPY  
CHKD. BY M. Wood  
DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**



**JOINT DETAIL**  
NOT TO SCALE



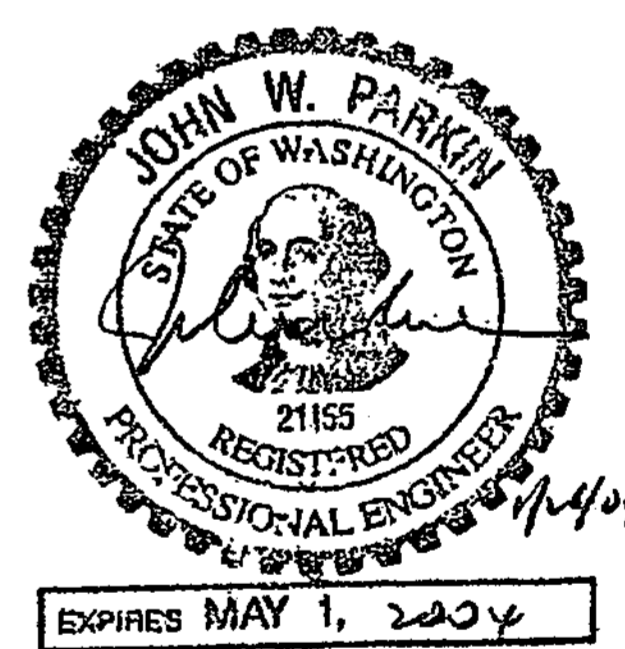
**TYPE 'B' ARCHITECTURAL PANEL DETAIL**  
(FRONT FACE SHOWN)  
TYPE "E" = TYPE "B" ROTATED 180°



**SECTION C-C**  
NOT TO SCALE

FORMLINER "B" TO BE USED ON TYPE "B", "XB" AND "T3" PANELS.  
FORMLINER "E" TO BE USED ON TYPE "E" AND "XE" PANELS.

**APPROVED**  
WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
BY: CONSTRUCTION SUPPORT ENGINEER  
DATE JAN 31 2004



THE DESIGN OF ALL MSE PLUS® WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS® RETAINING WALLS AND THE PROJECT BID DOCUMENTS.  
THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS® STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

DATE	7/12/03
SCALE	1 : 10
DRAWN BY	JST
JOB	03-014
SHEET	RW3
SHEET OF	01



**JUST Drafting Services**  
1335 Hwy 101  
Central Islip, NY 11724  
Phone: 516-833-2222  
Fax: 516-833-7889

**SSL**  
Specializing in Construction Products  
270 E. Main Street, Suite 207  
South Valley, UT, USA  
Phone: 801-332-8300  
Fax: 801-332-1340

**PANEL FINISH DETAILS**  
1-405 BELLEVUE DIRECT ACCESS  
SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
FED. AID PROJECT NO. STP-01-405(843)

DESIGNED BY	12/02	DATE	REVISION	BY
F. CAHILL	12/02			
ENTERED BY	12/02			
H. TRAN	12/02			
CHECKED BY	12/02			
I. HASAYEN	12/02			
PROJ. ENGR.	12/02			
D. CIERI	12/02			
REGIONAL ADM.	12/02			
D. DYE	12/02			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

**FOR "AS CONSTRUCTED PLANS" ONLY**

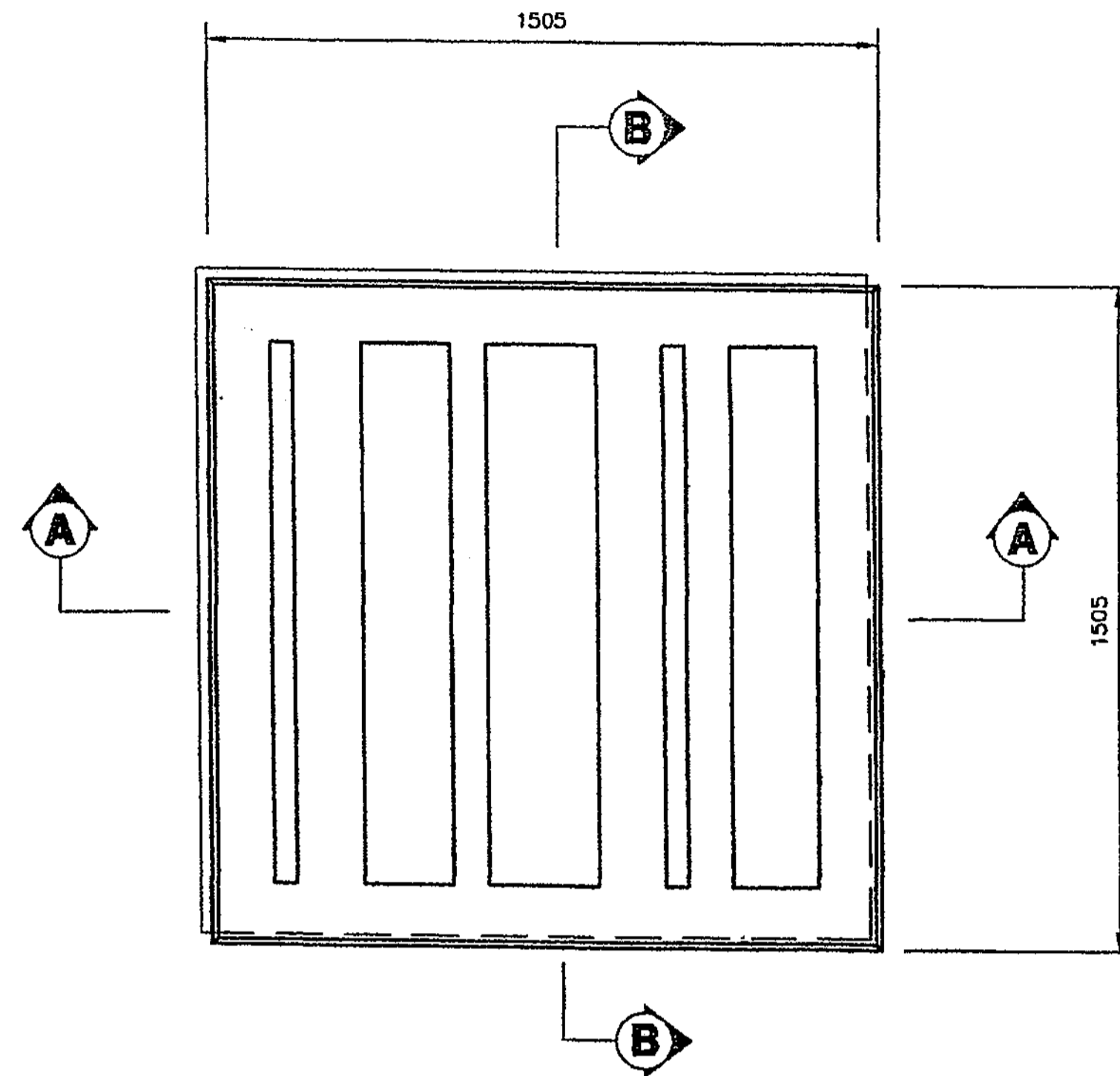


1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

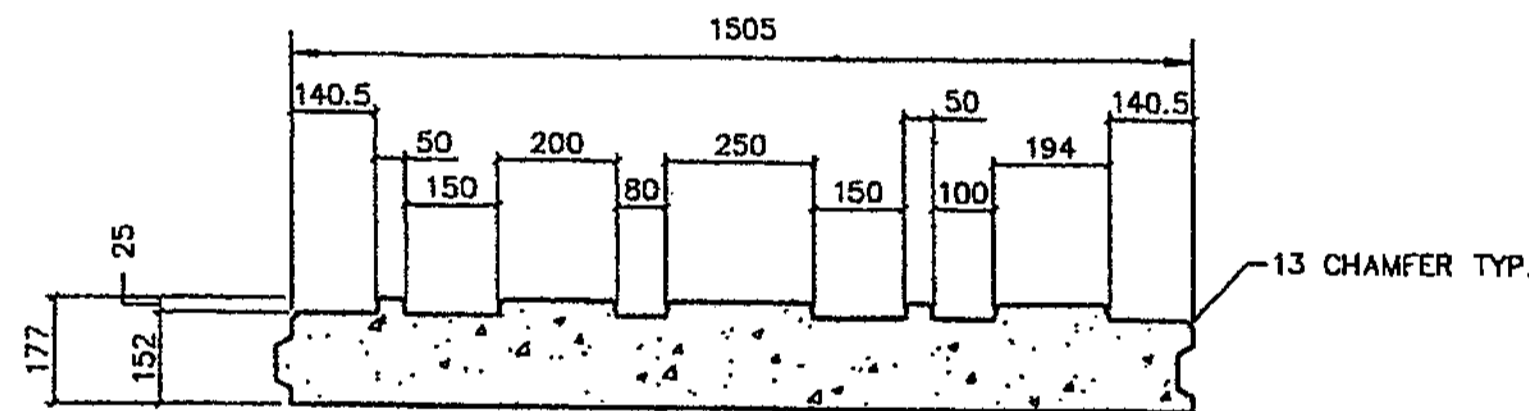
SHEET NO  
**RW40C**  
**426C**  
OF  
**1152**  
SHEETS



G:\2\client Drawings\SSLV-405 BELLEVUE DIRECT ACCESS.dwg, 11/23/04 08:13:40 PM, PUNNET, WASHINGTON

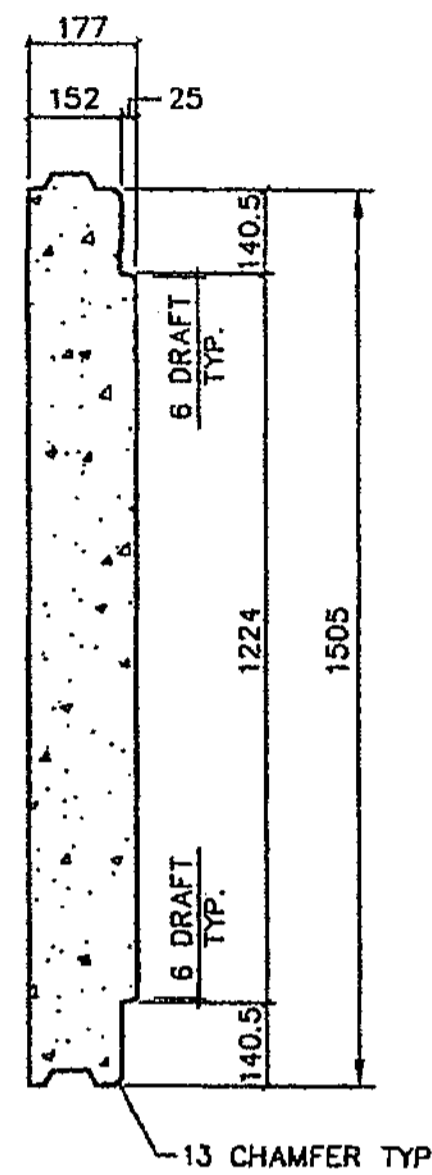


**TYPE 'C' ARCHITECTURAL PANEL DETAIL**  
(FRONT FACE SHOWN)  
TYPE "F" = TYPE "C" ROTATED 180°

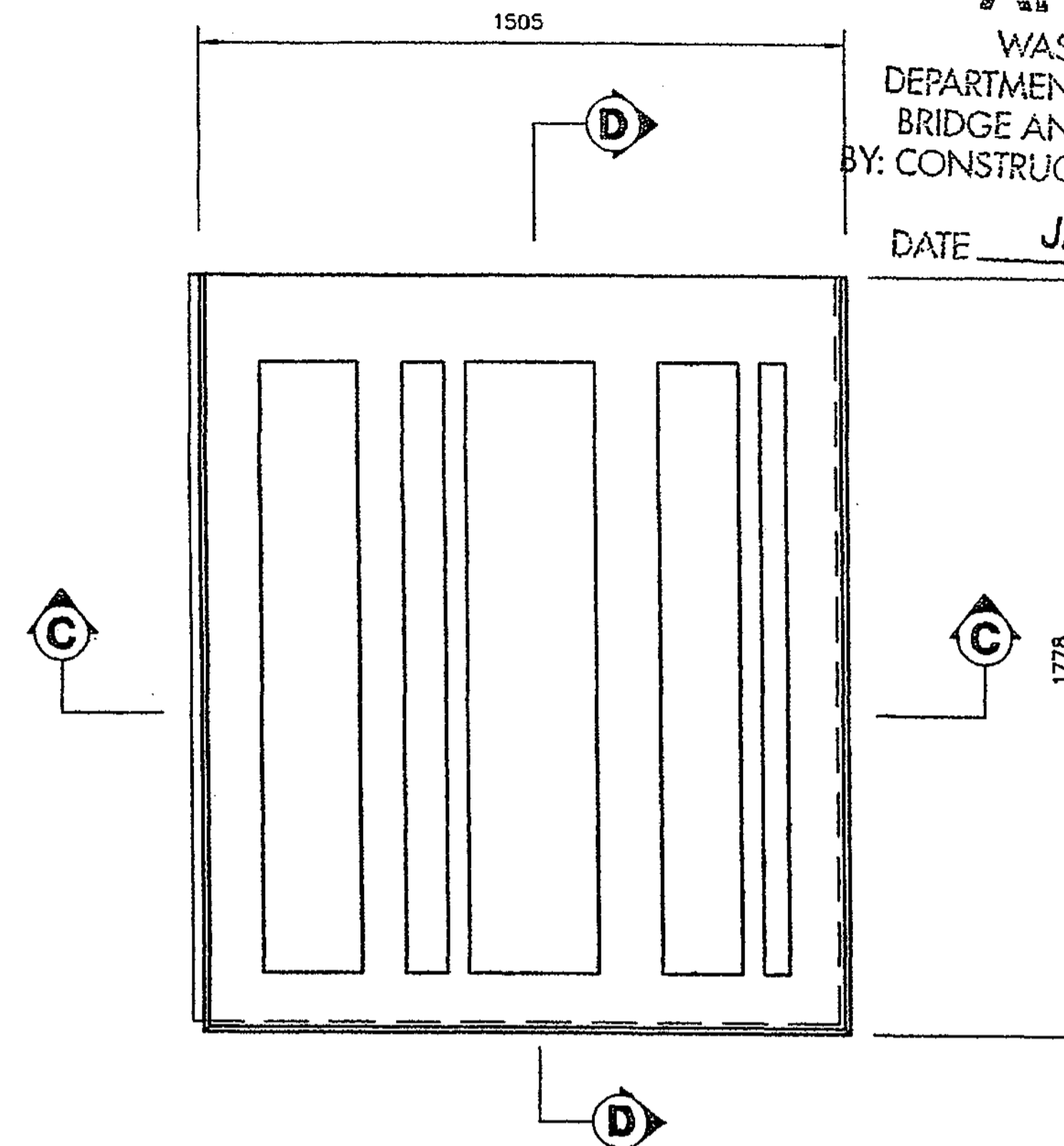


**SECTION A-A**  
NOT TO SCALE

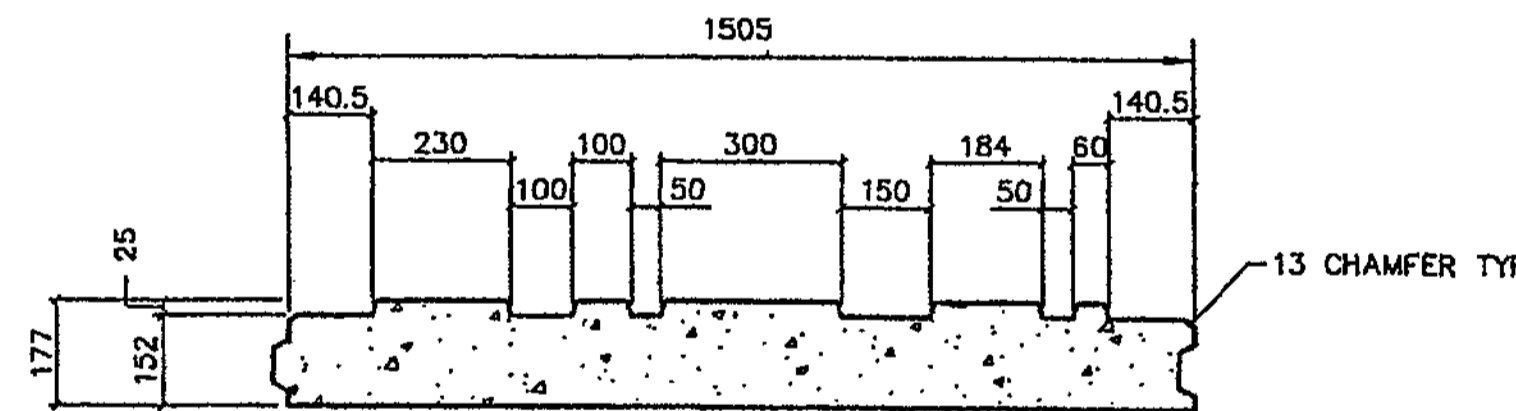
FORMLINER "C" TO BE USED ON TYPE "C", "XC" AND "T4" PANELS.  
FORMLINER "F" TO BE USED ON TYPE "F" AND "XF" PANELS.



**SECTION B-B**  
NOT TO SCALE



**TYPE 'T6' ARCHITECTURAL PANEL DETAIL**  
(FRONT FACE SHOWN)

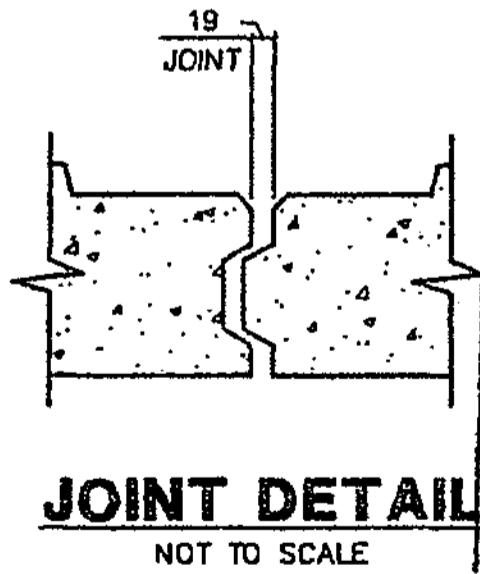


**SECTION C-C**  
NOT TO SCALE

CONTR. NO. C-6529  
OFFICE COPY  
FORMLINER "T6" TO BE USED ON TYPE "T6" PANELS ONLY.

CHKD. BY M. Wood  
DATE 1/30/04

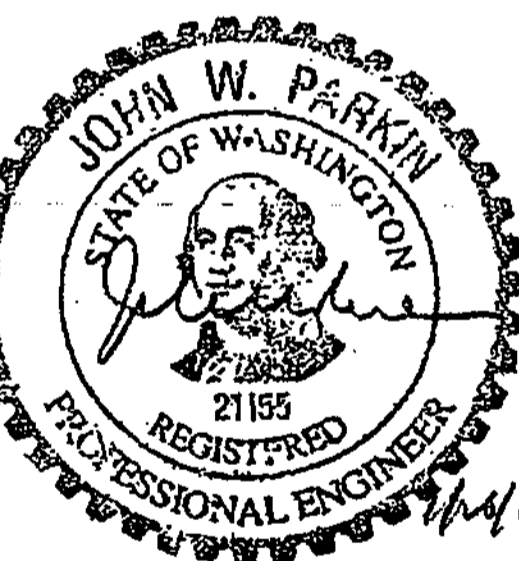
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**



**JOINT DETAIL**  
NOT TO SCALE

**APPROVED**  
WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
BY: CONSTRUCTION SUPPORT ENGINEER

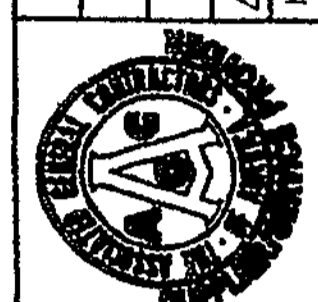
DATE JAN 31 2004



THE DESIGN OF ALL MSE PLUS™ WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS™ RETAINING WALLS AND THE PROJECT BID DOCUMENTS

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS™ STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

DATE	1/22/03
SCALE	1:10
DRAWN BY	JST
JOB	03-014
SHEET	RW3A
SHEET NO.	OF



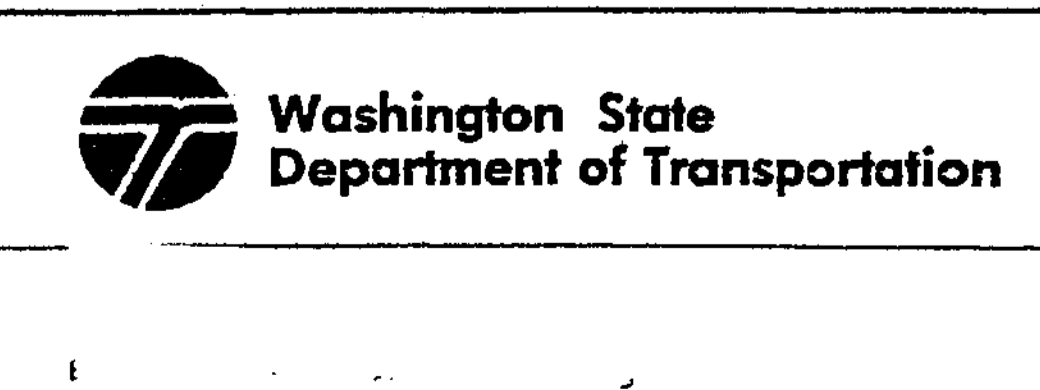
**Just Drafting Services**  
1400 West 12th  
Bellevue, WA 98005  
Phone: (206) 250-1000  
Fax: (206) 981-2000

**SSL**  
Specializing in Construction Products  
1-405 BELLEVUE DIRECT ACCESS  
SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
FED. AID PROJECT No. STP-UJ-4053(843)

DESIGNED BY	12/02	STATE	FED. AID PROJ. NO.
F. CAHILL	12/02	10 WASH	
ENTERED BY	12/02		
H. TRAN	12/02		
CHECKED BY	12/02		
I. HASAYEN	12/02		
PROJ. ENGR.	12/02		
D. CIERI	12/02		
REGIONAL ADM.	12/02		
D. DYE	12/02		
DATE	DATE	REVISION	BY

REGION NO.	10
STATE	WASH
JOB NUMBER	02A012
CONTRACT NO.	

**FOR "AS CONSTRUCTED PLANS" ONLY**

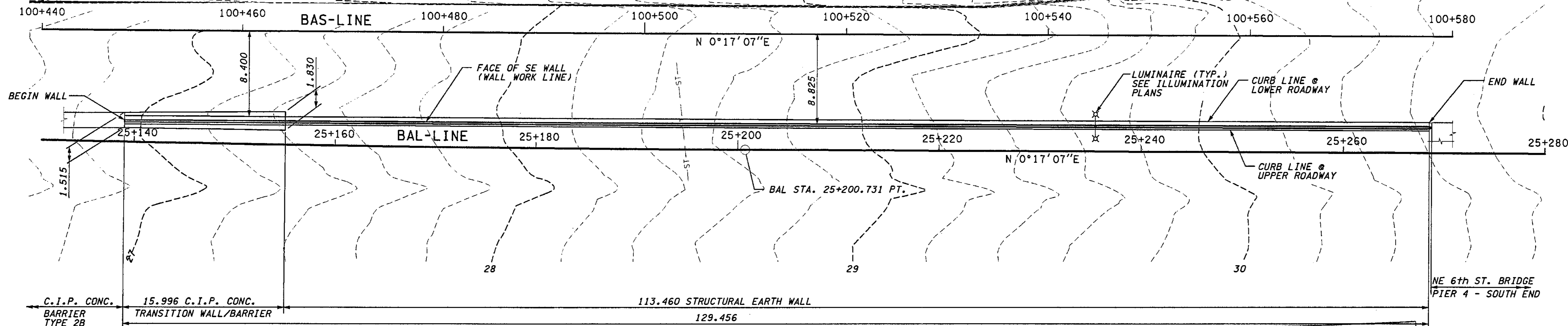


1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

SHEET NO. RW405  
426.D  
1152  
SHEETS

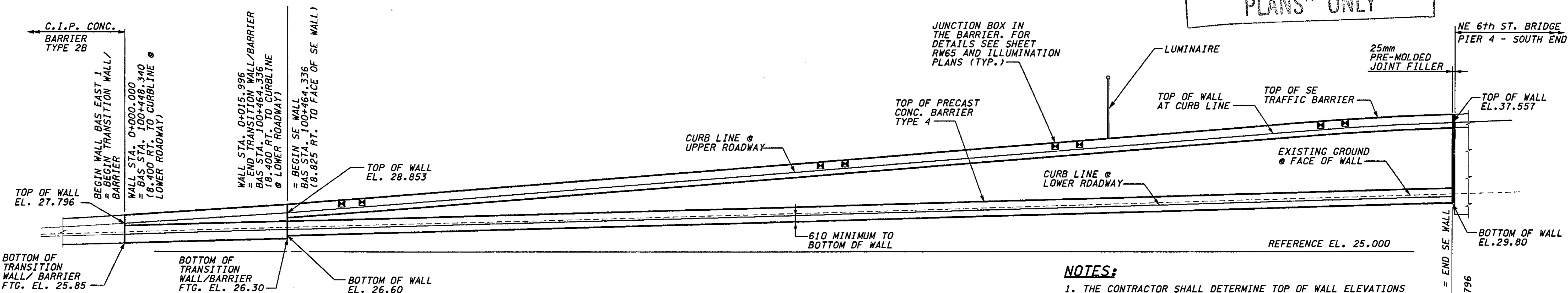
SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405



PLAN - WALL BAS EAST 1

FOR "AS CONSTRUCTED PLANS" ONLY



NOTES:

1. THE CONTRACTOR SHALL DETERMINE TOP OF WALL ELEVATIONS (ELEVATIONS BETWEEN THOSE SHOWN IN THE PLANS) FROM BAL-LINE PROFILE & SUPERELEVATION DIAGRAM, SEE SHEET RP6.
2. FOR WALL TYPICAL SECTION, SEE SHEET RW45.
3. FOR LOCATION OF LUMINAIRE AND JUNCTION BOXES REFER TO ILLUMINATION PLANS.
4. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON OUTSIDE FACE OF SEW TRAFFIC BARRIER SEE SHEET RW6 (SIMILAR).
5. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON TOP OF SEW TRAFFIC BARRIER SEE SHEET RW24 (SIMILAR).
6. C.I.P. CONC. TRANSITION WALL/BARRIER SHALL BE SIMILAR TO C.I.P. CONC. BARRIER TYPE 2B - SEE SHEET BD1. VARY DIMENSIONS UNIFORMLY BETWEEN CONC. BARRIER TYPE 2B AND SEW WALL. BARS MARK #14 AND 15 SHALL BE #5 @ 230.

REFLECTED ELEVATION - WALL BAS EAST 1

(SEE ATTACHED SHEETS)  
RW41A - RW41D

JUNCTION BOX LOCATIONS

RETAINING WALL BAS EAST 1			
STATION	BAL-LINE	TYPE	LOCATION
25+160.00		SPARE	IN BARRIER
25+162.40		SPARE	IN BARRIER
25+207.00		SPARE	IN BARRIER
25+209.40		SPARE	IN BARRIER
25+230.00		SPARE	IN BARRIER
25+232.40		LT	IN BARRIER
25+256.00		SPARE	IN BARRIER
25+258.40		SPARE	IN BARRIER

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I 405 JOB NO. SHEET 12/06/2002 Keller 02:05:17 PM C:\PWTEMP\dms00358\RW041\_C2.DGN

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	KJW 12/02	JOB NUMBER	02A012	
ENTERED BY	JAS 12/02	CONTRACT NO.		
CHECKED BY	JHS 12/02	DATE	DATE	REVISION
PROJ. DYER, D. CIERI	12/02			BY
REGIONAL ADM. D. DYE	12/02			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL BAS EAST 1

BRIDGE SHEET NO. RW41

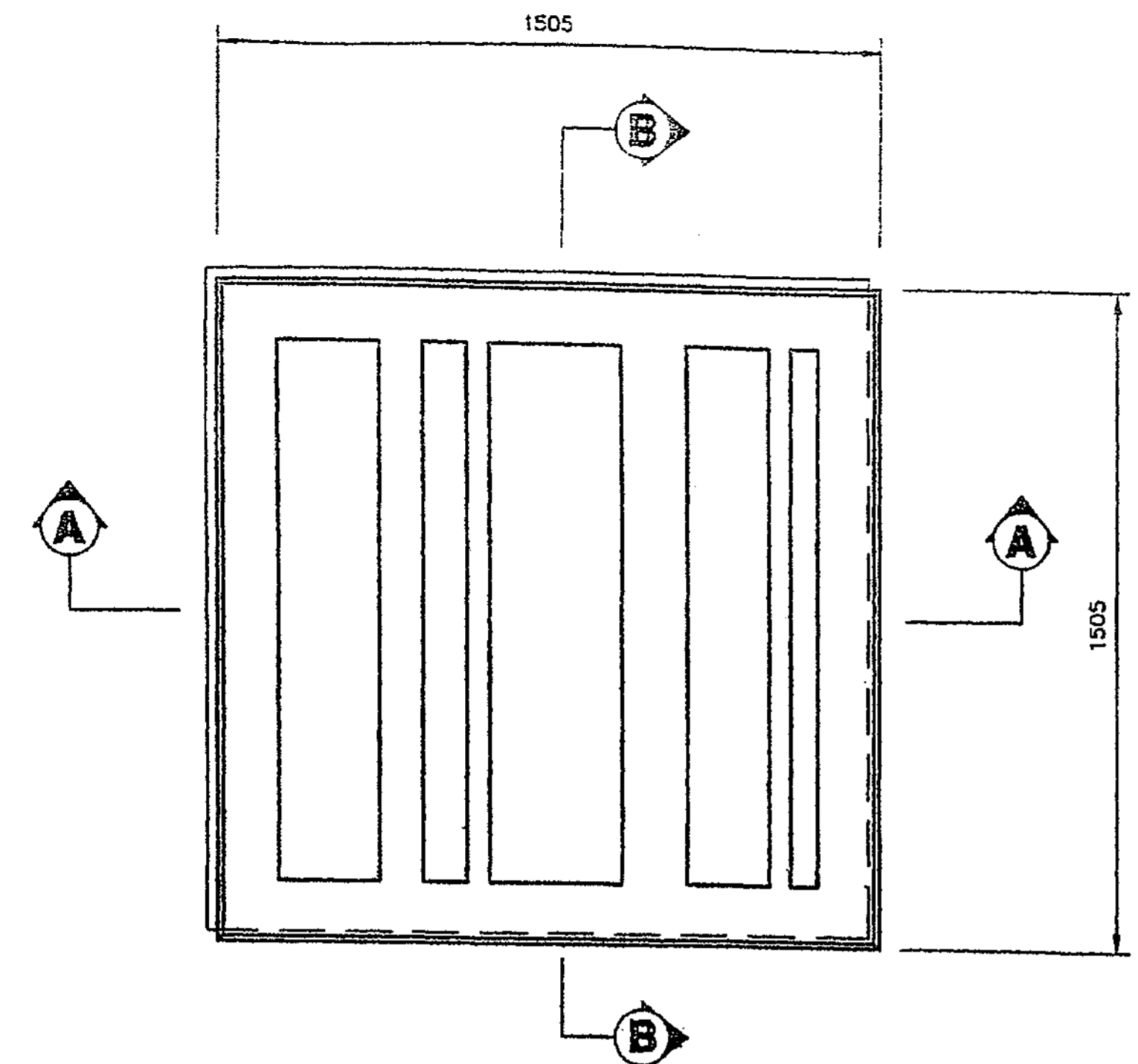
SHEET 427 OF 1152 SHEETS



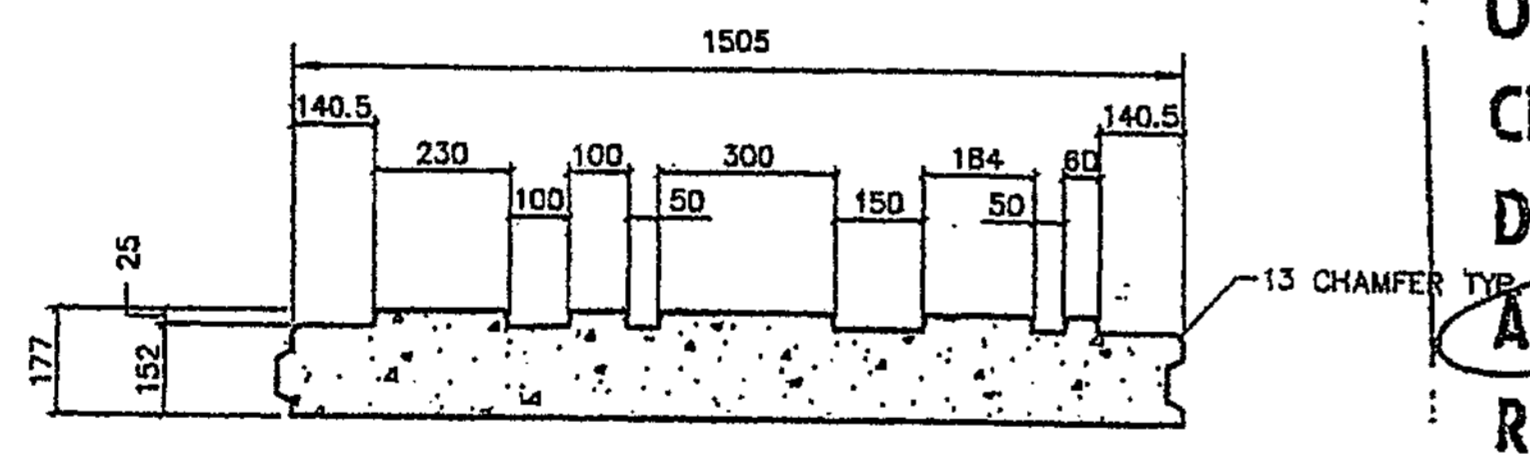


Diem 11/21/2002 09:28:50 AM PLOT4 c:\pwttemp\dms00355\4s004\_c2.dgn

C:\2004\client\Drawings\SSL\1-405\_Bellevue\RW-3-2.dwg, 1/23/2004 8:04:53 AM, Robert Johnson

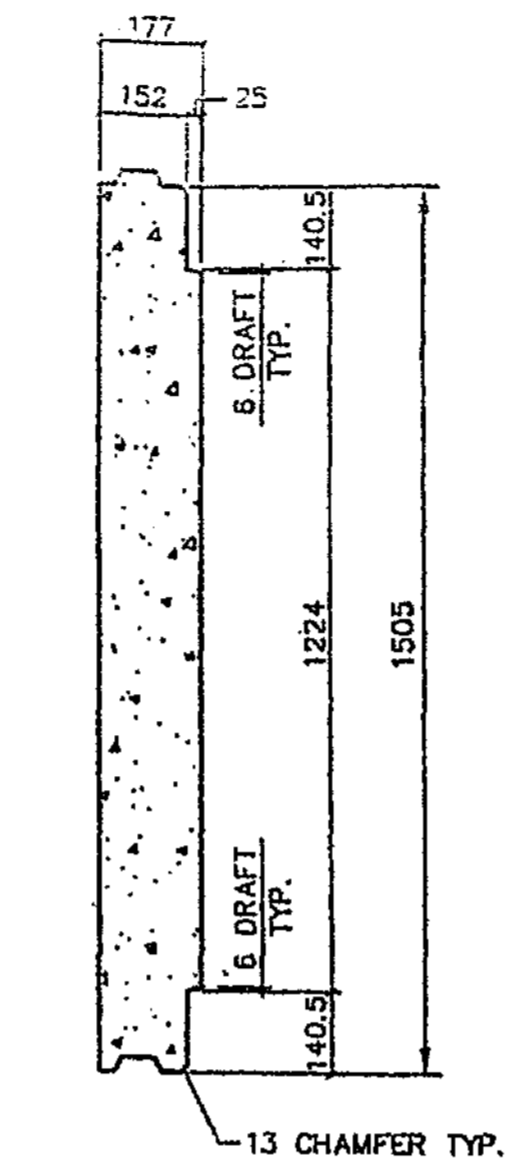


**TYPE 'A' ARCHITECTURAL PANEL DETAIL**  
 (FRONT FACE SHOWN)  
 TYPE "D" = TYPE "A" ROTATED 180°



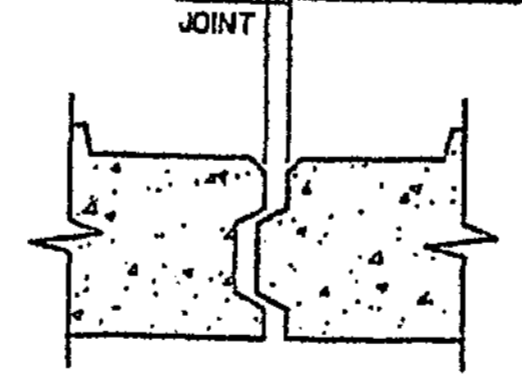
**SECTION A-A**  
 NOT TO SCALE

FORMLINER "A" TO BE USED ON TYPE "A", "XA" AND "T2" PANELS.  
  
 FORMLINER "D" TO BE USED ON TYPE "D", "XD" AND "T5" PANELS.

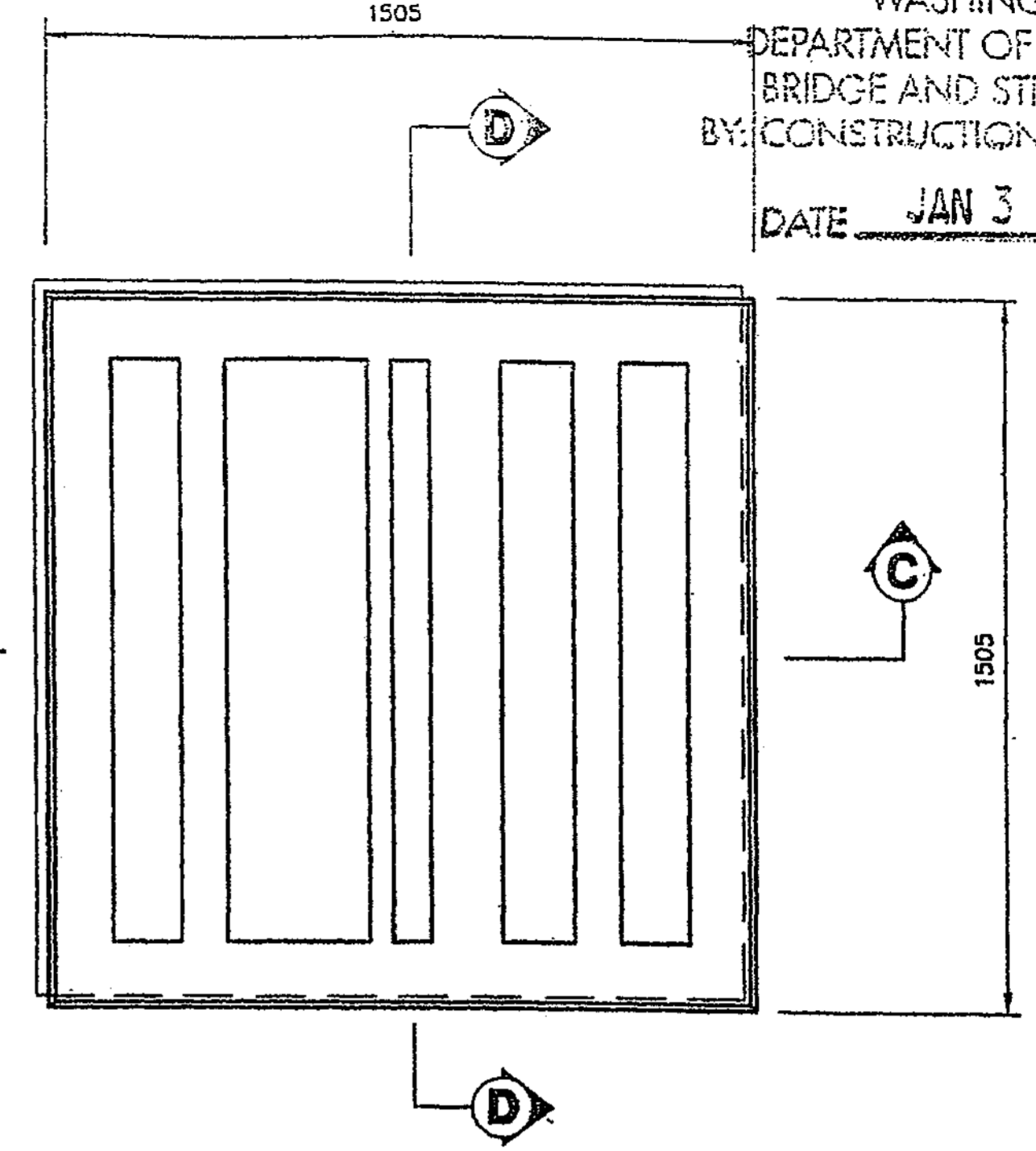


**SECTION B-B**  
 NOT TO SCALE

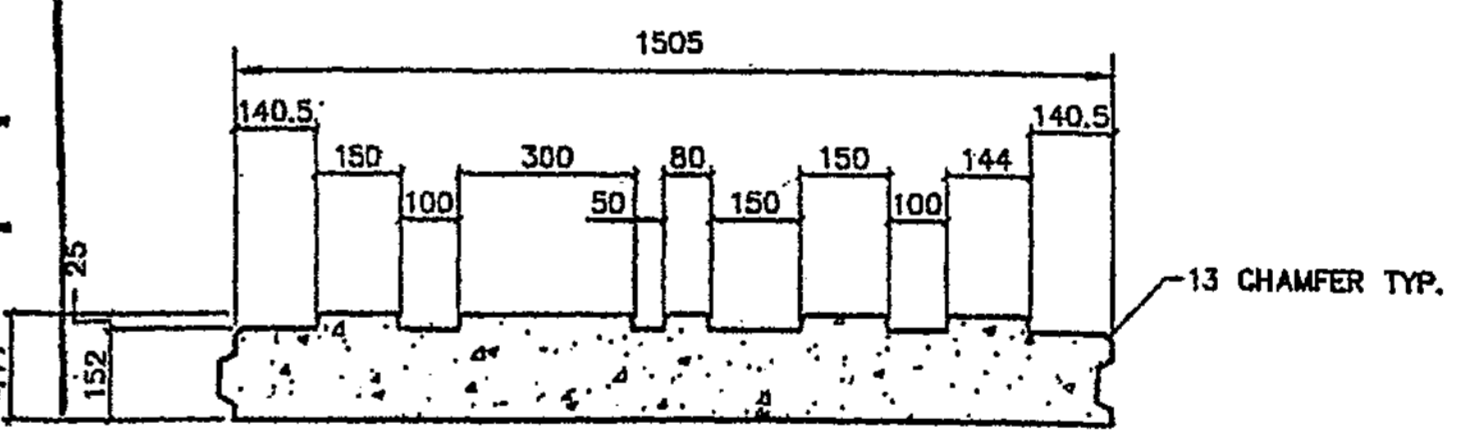
CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. Wood  
 DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**



**JOINT DETAIL**  
 NOT TO SCALE



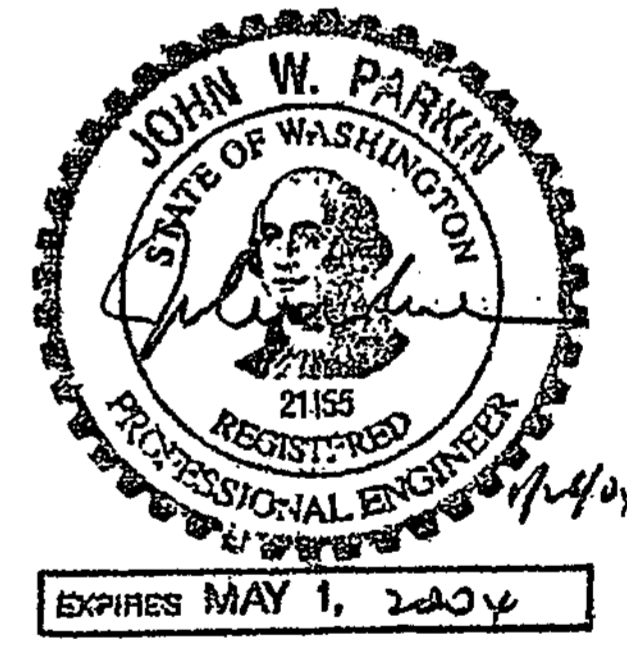
**TYPE 'B' ARCHITECTURAL PANEL DETAIL**  
 (FRONT FACE SHOWN)  
 TYPE "E" = TYPE "B" ROTATED 180°



**SECTION C-C**  
 NOT TO SCALE

FORMLINER "B" TO BE USED ON TYPE "B", "XB" AND "T3" PANELS.  
  
 FORMLINER "E" TO BE USED ON TYPE "E" AND "XE" PANELS.

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE JAN 31 2004



THE DESIGN OF ALL MSE PLUS® WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS® RETAINING WALLS AND THE PROJECT BID DOCUMENTS.

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS® STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

DATE	7/22/05
SCALE	1:10
DRAWN BY	JT
JOB	03-014
SHEET	RW3
SHEET OF	01



**Just Drafting Services**  
 1535 1st Ave  
 Everett, WA 98201  
 Phone: (425) 331-2222  
 Fax: (425) 331-2222

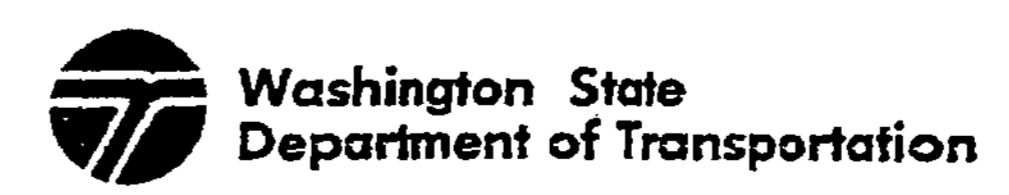
**SSL**  
 Specializing in Construction Products  
 200 N. 4th Street, Suite 200  
 Everett, WA 98201  
 Phone: (425) 331-2222  
 Fax: (425) 331-2222

**PANEL FINISH DETAILS**  
 1-405 BELLEVUE DIRECT ACCESS  
 SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
 FED. AID PROJECT NO. STP-01-405(043)

DESIGNED BY	F. CAHILL	12/02
ENTERED BY	H. TRAN	12/02
CHECKED BY	I. HASAYEN	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

**FOR "AS CONSTRUCTED PLANS" ONLY**



1 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

Retaining Wall BAS east 1

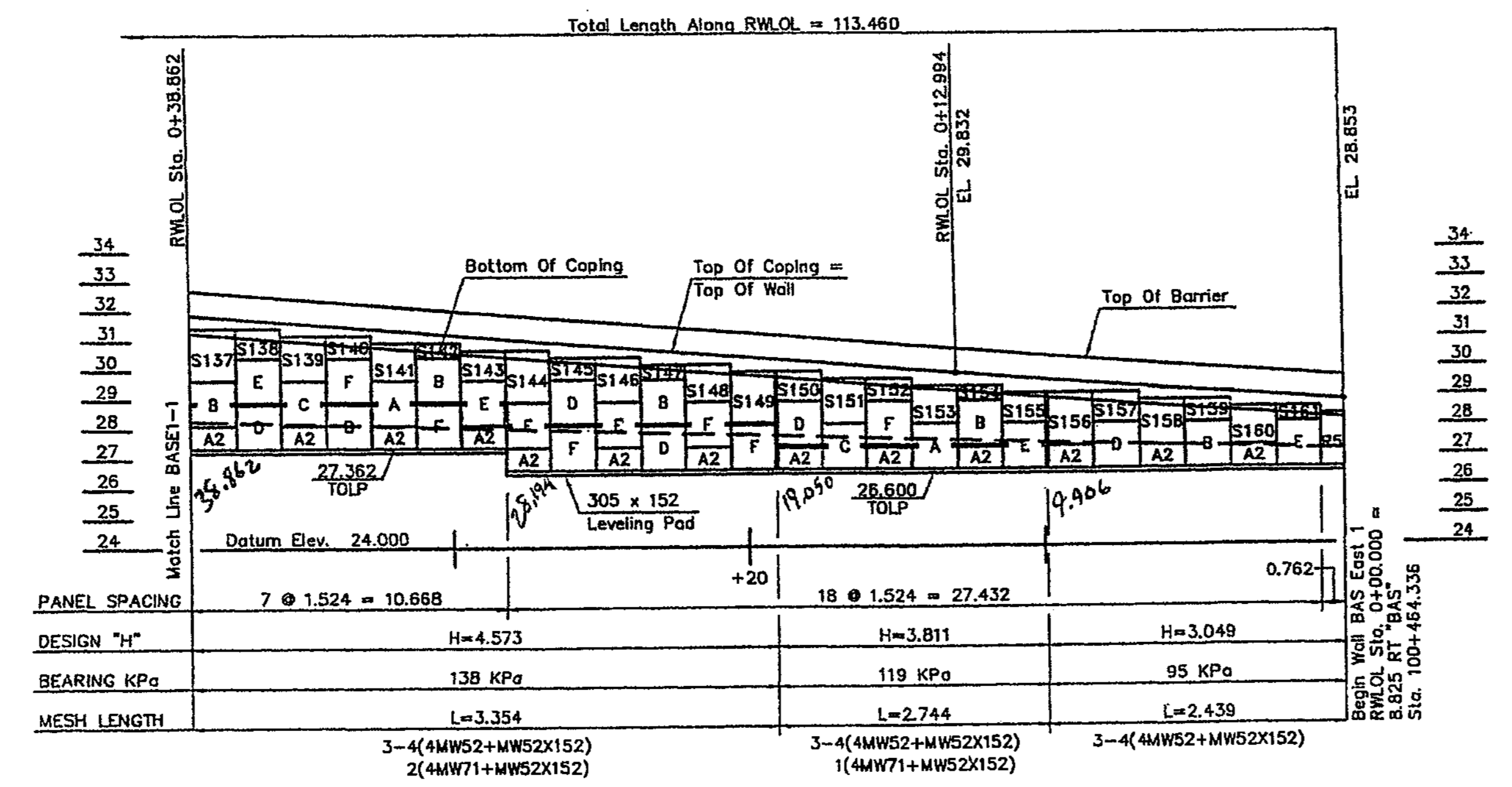
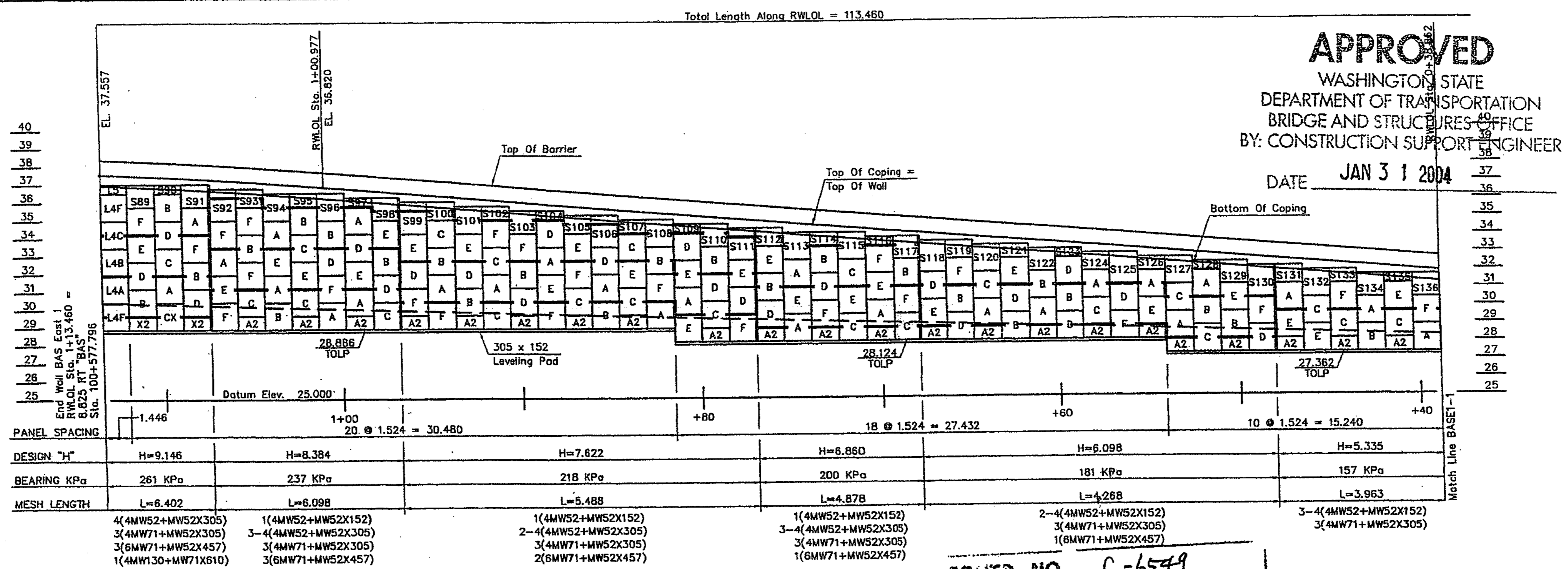
SHEET NO. RW41B  
 427B  
 1152 SHEETS





11/21/2002 09:28:50 AM PLOT4 c:\pwt\temp\dms00355\4s004 -c2.dgn

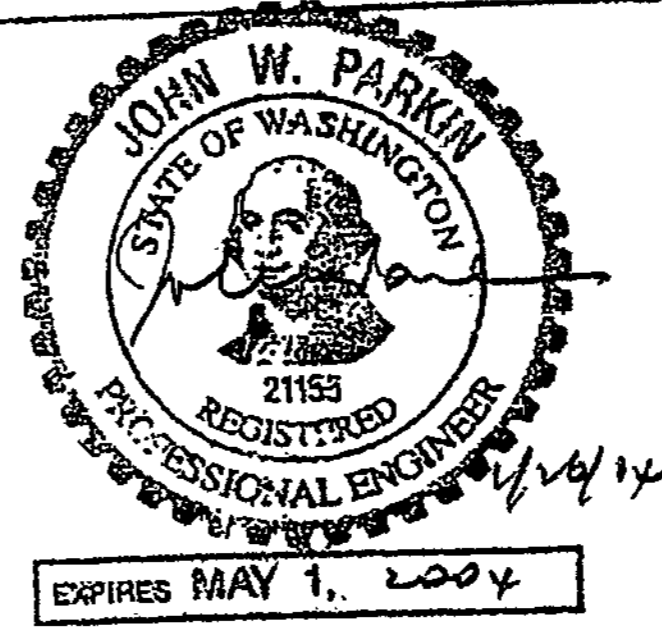
G:\2004\client Drawings\SSL\4-105 BELLEVUE DIRECT ACCESS\112324007.dwg



**WALL BAS EAST 1, ELEVATION**  
FRONT FACE SHOWN

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE **JAN 31 2004**

CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M.Hoo  
 DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**



- GENERAL NOTES:**
- Elevations Shown Above Wall Are To Top Of Coping.
  - Elevations Shown Below Wall Are To Top Of Cast-In-Place Leveling Pad.
  - See The General Provisions For Earth Retaining Structures For Material And Construction Specifications.

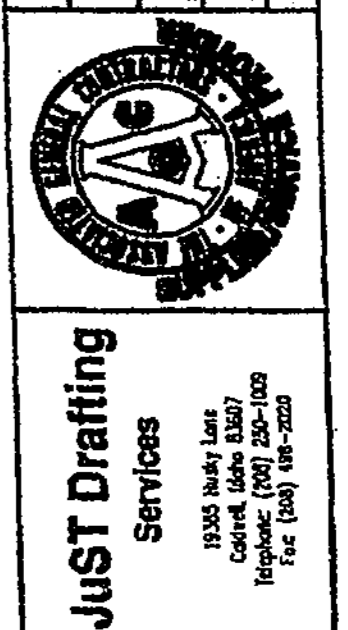
- SOIL REINFORCEMENT NOTES:**
- Mesh Lengths Shown Above Mesh Length Line.
  - Heavy Horizontal Lines Separate Zones Of Different Mesh Types.
  - Heavy Vertical Lines Separate Zones Of Different Mesh Lengths / Design Heights.
  - Mesh Types Shown Below Mesh Length Line. (See STANDARD DETAIL SHEET For Mesh Key)
  - The Number Preceding The Mesh Type Indicates The No. Of Layers Of That Type Req'd.

THE DESIGN OF ALL MSE PLUS<sup>SM</sup> WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS<sup>SM</sup> RETAINING WALLS AND THE PROJECT BID DOCUMENTS

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS<sup>SM</sup> STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

**FOR "AS CONSTRUCTED PLANS" ONLY**

	DATE	BY	NO.	REVISION			
1/2/04	1/2/04	BT	1	CHANG R 115	BT	BT	BT



**SSL**  
 Specializing in Construction Products  
 1-405 BELLEVUE DIRECT ACCESS  
 SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
 FED. AID PROJECT NO. SIP-JL-4053(B43)

DESIGNED BY	DATE	REVISION	BY
F. CAHILL	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

Washington State  
 Department of Transportation

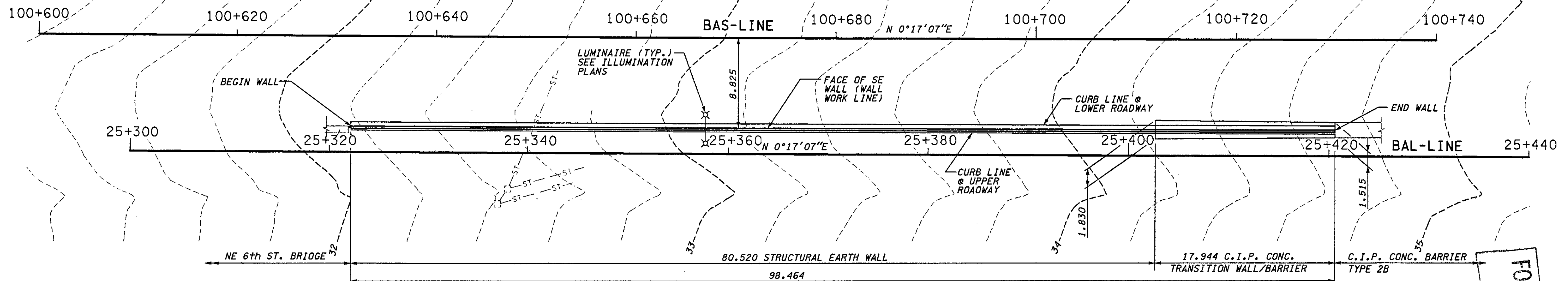
I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Retaining Wall BAS east 1

SHEET NO.  
 427D  
 1152  
 SHEETS

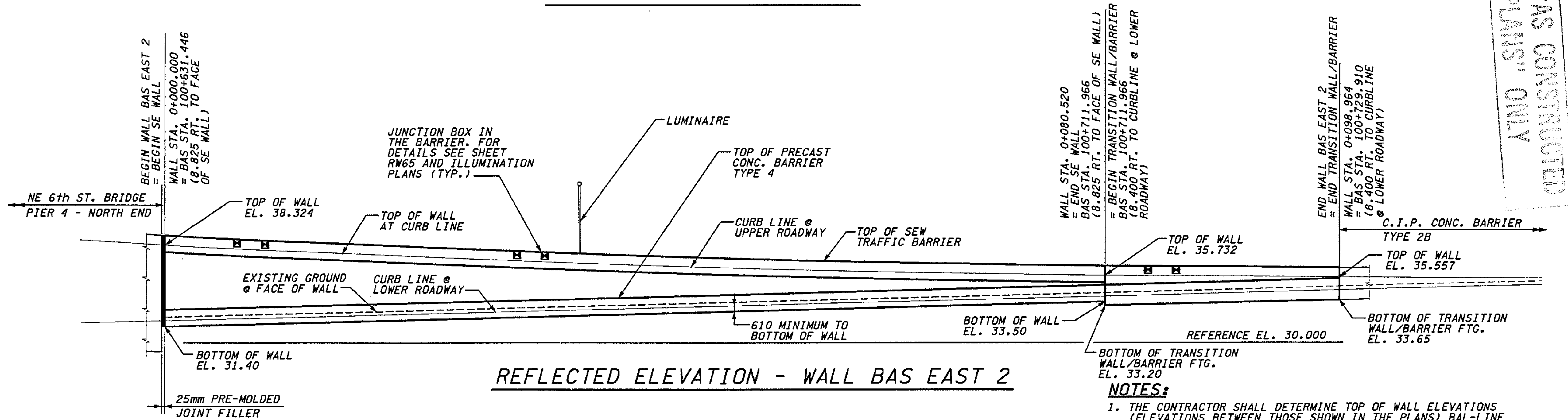


SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405



PLAN - WALL BAS EAST 2



REFLECTED ELEVATION - WALL BAS EAST 2

JUNCTION BOX LOCATIONS				
RETAINING WALL BAS EAST 2				
STATION: BAL-LINE	TYPE	SIZE(mm)	LOCATION	
25+328.00	TS/TSP	460x205x205	IN BARRIER	
25+330.40	LT	460x205x205	IN BARRIER	
25+352.00	TS/TSP	460x205x205	IN BARRIER	
25+354.40	LT	460x205x205	IN BARRIER	
25+406.00	SPARE	460x205x205	IN BARRIER	
25+408.40	SPARE	460x205x205	IN BARRIER	

- NOTES:**
1. THE CONTRACTOR SHALL DETERMINE TOP OF WALL ELEVATIONS (ELEVATIONS BETWEEN THOSE SHOWN IN THE PLANS) BAL-LINE PROFILE & SUPERELEVATION DIAGRAM, SEE SHEET RP6.
  2. FOR WALL TYPICAL SECTION, SEE SHEET RW45.
  3. FOR LOCATION OF LUMINAIRE AND JUNCTION BOXES REFER TO ILLUMINATION PLANS.
  4. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON OUTSIDE FACE OF SEW TRAFFIC BARRIER SEE SHEET RW6 (SIMILAR).
  5. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON TOP OF SEW TRAFFIC BARRIER SEE SHEET RW24 (SIMILAR).
  6. C.I.P. CONC. TRANSITION WALL/BARRIER SHALL BE SIMILAR TO C.I.P. CONC. BARRIER TYPE 2B - SEE SHEET BDI. VARY DIMENSIONS UNIFORMLY BETWEEN CONC. BARRIER TYPE 2B AND SEW WALL. BARS MARK # 14 AND 15 SHALL BE # 5 @ 230.

FOR "AS CONSTRUCTED" PLANS ONLY

C:\PWTEMP\dms00358\RW042\_C2.DGN  
11:58:12 AM  
12/03/2002  
SHEET  
Keller

**DATUM**  
NAVD OF 1988

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.					REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR					10	WASH	
DESIGNED BY	KJW	12/02			JOB NUMBER		
ENTERED BY	JAS	12/02			02A012		
CHECKED BY	JHS	12/02			CONTRACT NO.		
PROJ.D. DYER, D. CIERI		12/02					
REGIONAL ADM. D. DYE		12/02					
	DATE	DATE	REVISION	BY			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL BAS EAST 2

BRIDGE SHEET NO. RW42

SHEET 428 OF 1152 SHEETS

DESIGNED BY	F. CAHILL	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		



1 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ret Wall BAS cost 2

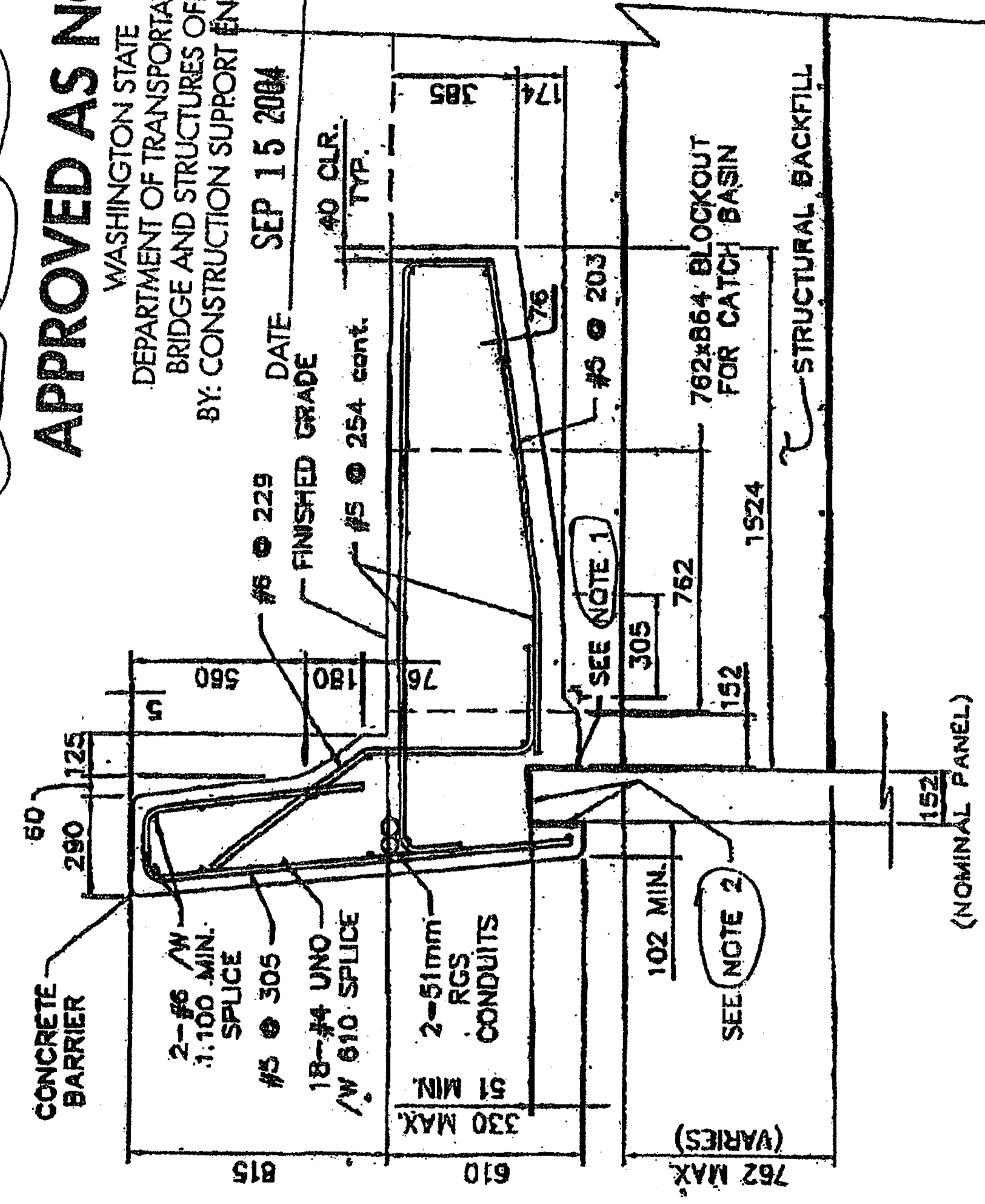
SHEET NO  
 RW42A  
 428A  
 1152  
 SHEETS

04 TUE 10:06 FAX 425 840 4429 DOT-412244 OSCORIDGE 41004  
 3/27/04 10:35 4258484848 ATKINSON BELLEVUE Page 2  
 AUG-27-2004 16:27 KLB CONSTRUCTION ACCESS P.02/02  
 FROM: FAX NO. 415788517 FAX 25 3004 10:33AM P1

CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. H  
 DATE 9-14-2004  
 APPROVED AS NOTED  
 RETURNED FOR CORRECTION

NOTE:  
 1. 25.4 mm STYROFOAM OR APPROVED COMPRESSIBLE MATERIAL ON INTERIOR SLAB.  
 2. 25.4 mm EXPANSION JOINT MATERIAL OR APPROVED EQUAL ON EXTERIOR SLABS AND TOP.

APPROVED AS NOTED  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER

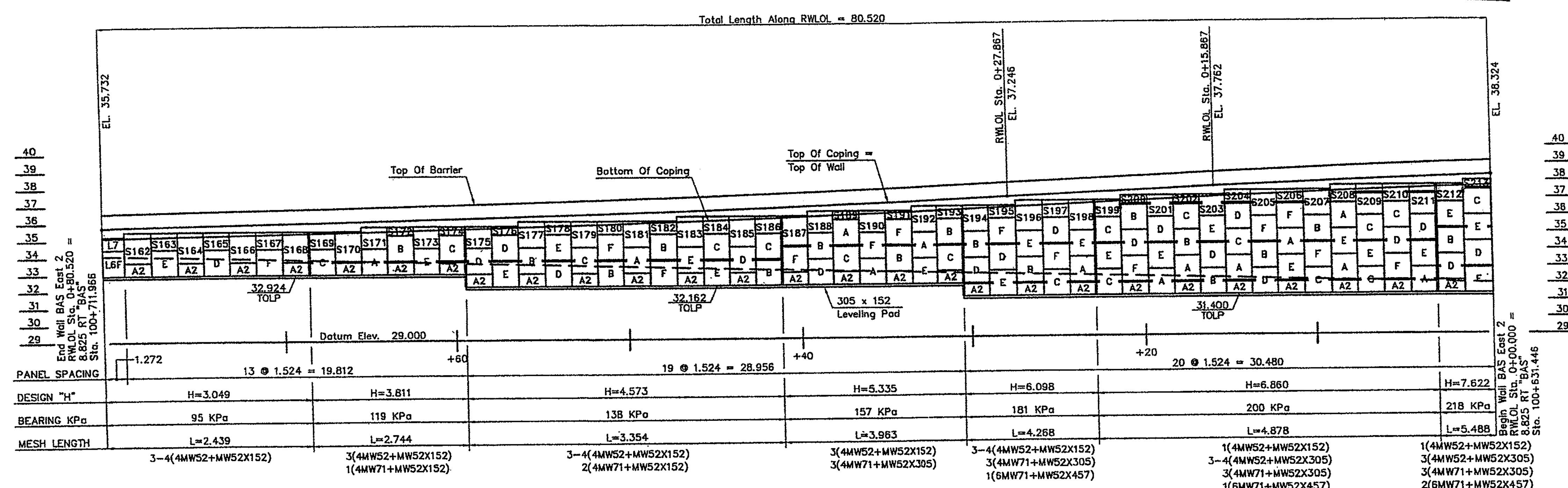


**ALTERNATE BARRIER DETAIL**



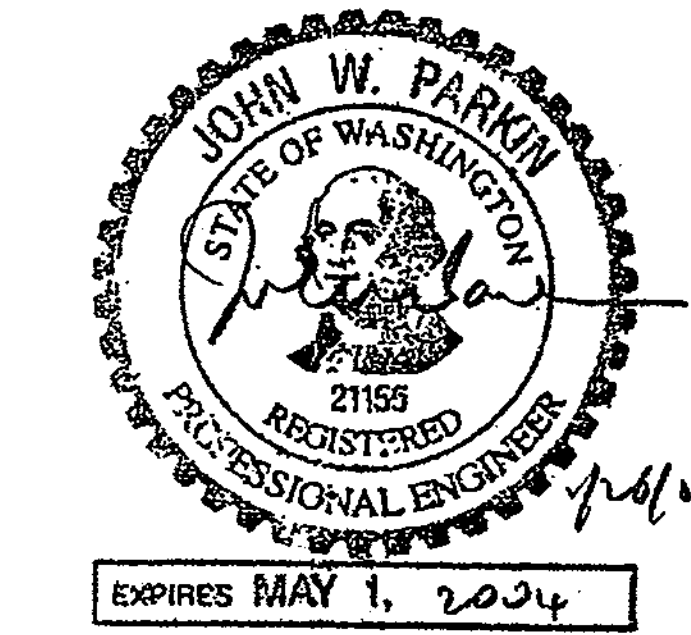
DiemT 11/21/2002 09:28:50 AM PLOT4 c:\pwtemp\dms00355\4s004\_c2.dgn

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE JAN 3 1 2004



**WALL BAS EAST 2, ELEVATION**  
FRONT FACE SHOWN

CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. Wood  
 DATE 1/30/04  
**APPROVED AS NOTED**  
 RETURNED FOR CORRECTION



- GENERAL NOTES:**
- Elevations Shown Above Wall Are To Top Of Coping.
  - Elevations Shown Below Wall Are To Top Of Cast-In-Place Leveling Pad.
  - See The General Provisions For Earth Retaining Structures For Material And Construction Specifications.
- SOIL REINFORCEMENT NOTES:**
- Mesh Lengths Shown Above Mesh Length Line.
  - Heavy Horizontal Lines Separate Zones Of Different Mesh Types.
  - Heavy Vertical Lines Separate Zones Of Different Mesh Lengths / Design Heights.
  - Mesh Types Shown Below Mesh Length Line. (See STANDARD DETAIL SHEET For Mesh Key)
  - The Number Preceding The Mesh Type Indicates The No. Of Layers Of That Type Req'd.

THE DESIGN OF ALL MSE PLUS<sup>SM</sup> WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS<sup>SM</sup> RETAINING WALLS AND THE PROJECT BID DOCUMENTS  
  
 THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS<sup>SM</sup> STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

<b>SSL</b> Specializing in Construction Products 200 N. 4th St., Suite 200 Bellevue, WA 98004 Phone: (206) 835-1122 Fax: (206) 835-1123	<b>JUST Drafting Services</b> 1825 1st Ave Seattle, WA 98101 Phone: (206) 464-2020 Fax: (206) 464-2020
WALL BAS EAST 2 : ELEVATION 1-405 BELLEVUE DIRECT ACCESS SOUND TRANSPORT - CITY OF BELLEVUE, KING COUNTY WASHINGTON STATE DEPARTMENT OF TRANSPORTATION FED. AID PROJECT NO. STP-UJ-405J(843)	DATE: 7/21/03 SCALE: 1 : 10 DRAWN BY: JST JOB: 03-014 SHEET: RW8

FOR "AS CONSTRUCTED" PLANS ONLY

DESIGNED BY F. CAHILL	12/02	10	WASH	FED. AID PROJ. NO.			1 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO <b>RW42B</b> 428B 1152 SHEETS
ENTERED BY H. TRAN	12/02							
CHECKED BY I. HASAYEN	12/02							
PROJ. ENGR. D. CIERI	12/02							
REGIONAL ADM. D. DYE	12/02							
DATE	DATE	REVISION	BY					

c:\pwt\temp\dms00355\4s004\_c2.dgn

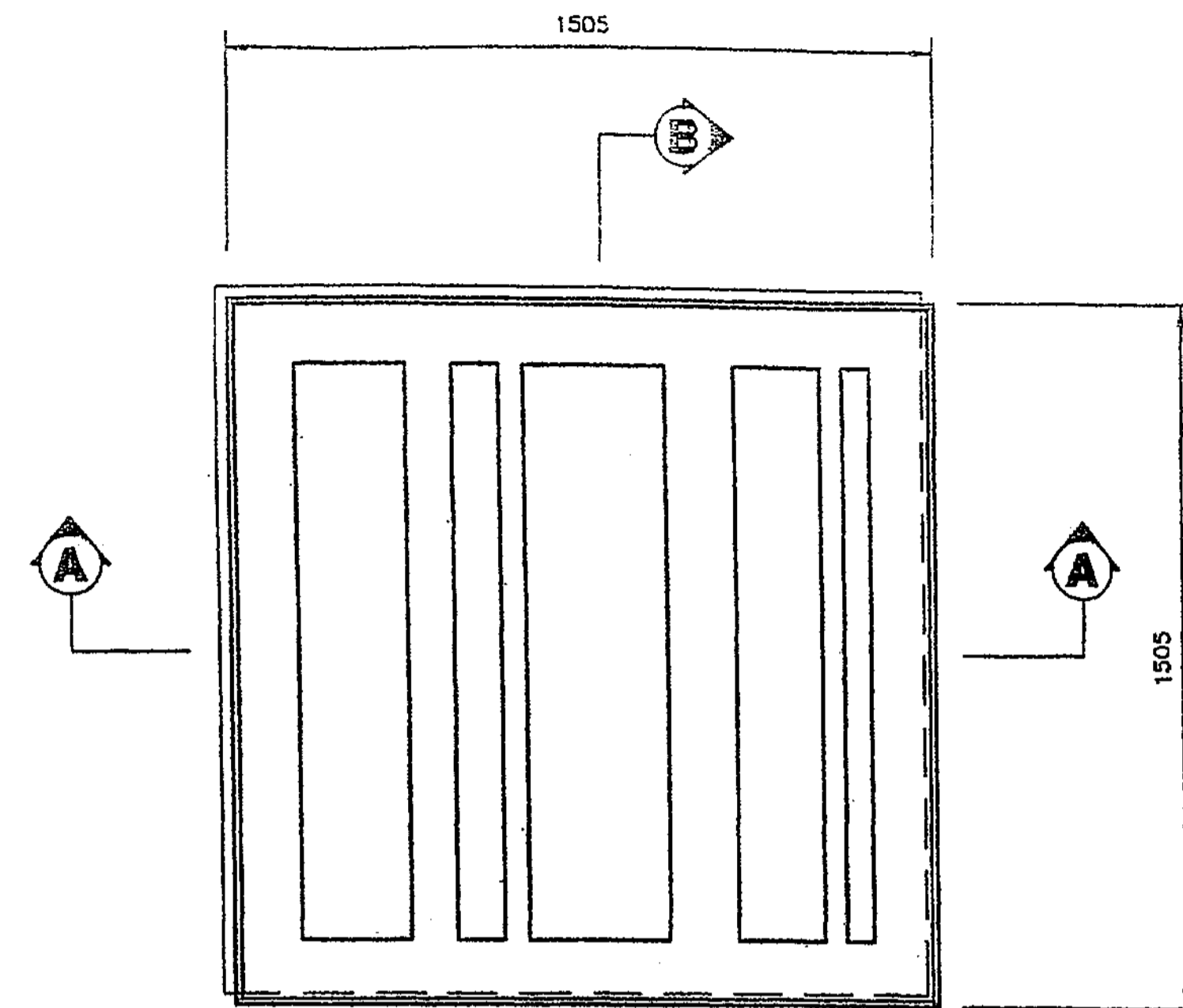
PL0T4

09:28:50 AM

11/21/2002

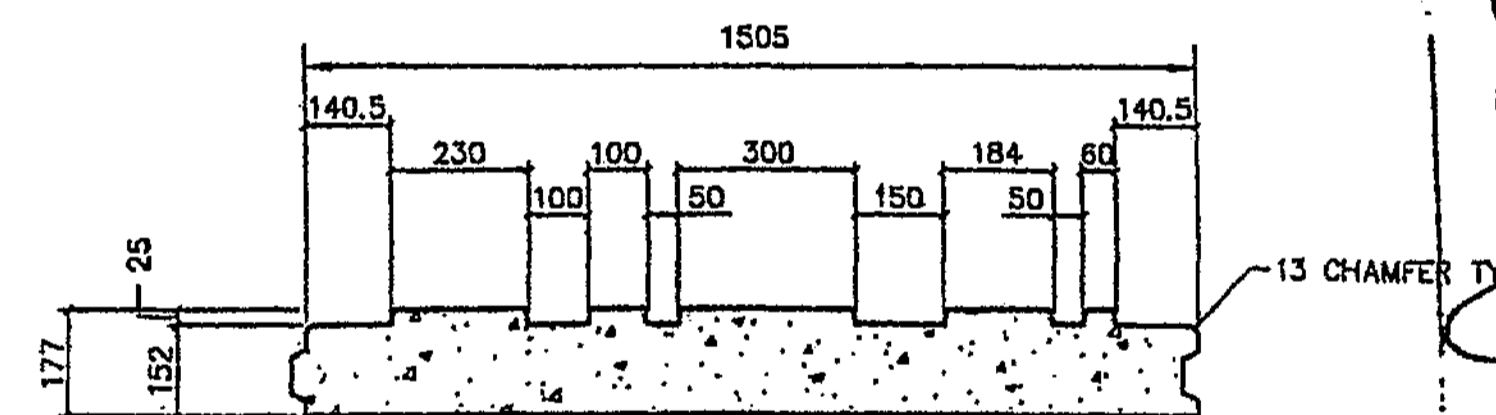
D:\ent

C:\2004\client\Drawings\SSL\1-405\_Bellevue\RW-3-2.dwg, 1/23/2004 9:04:53 AM, Robert Johnson



**TYPE 'A' ARCHITECTURAL PANEL DETAIL**  
(FRONT FACE SHOWN)

TYPE "D" = TYPE "A" ROTATED 180°

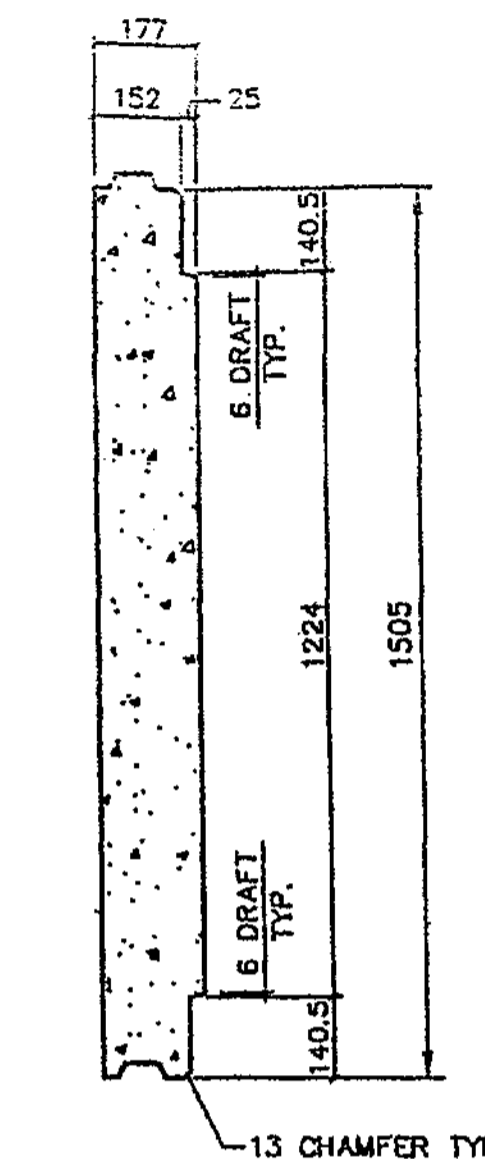


**SECTION A-A**

NOT TO SCALE

FORMLINER "A" TO BE USED ON TYPE "A", "XA" AND "T2" PANELS.

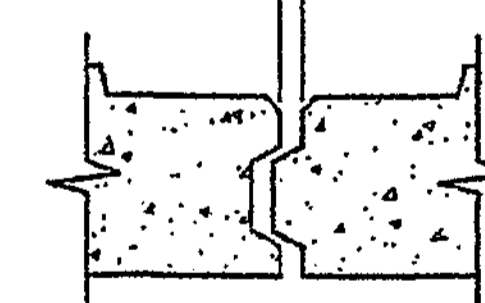
FORMLINER "D" TO BE USED ON TYPE "D", "XD" AND "T5" PANELS.



**SECTION B-B**

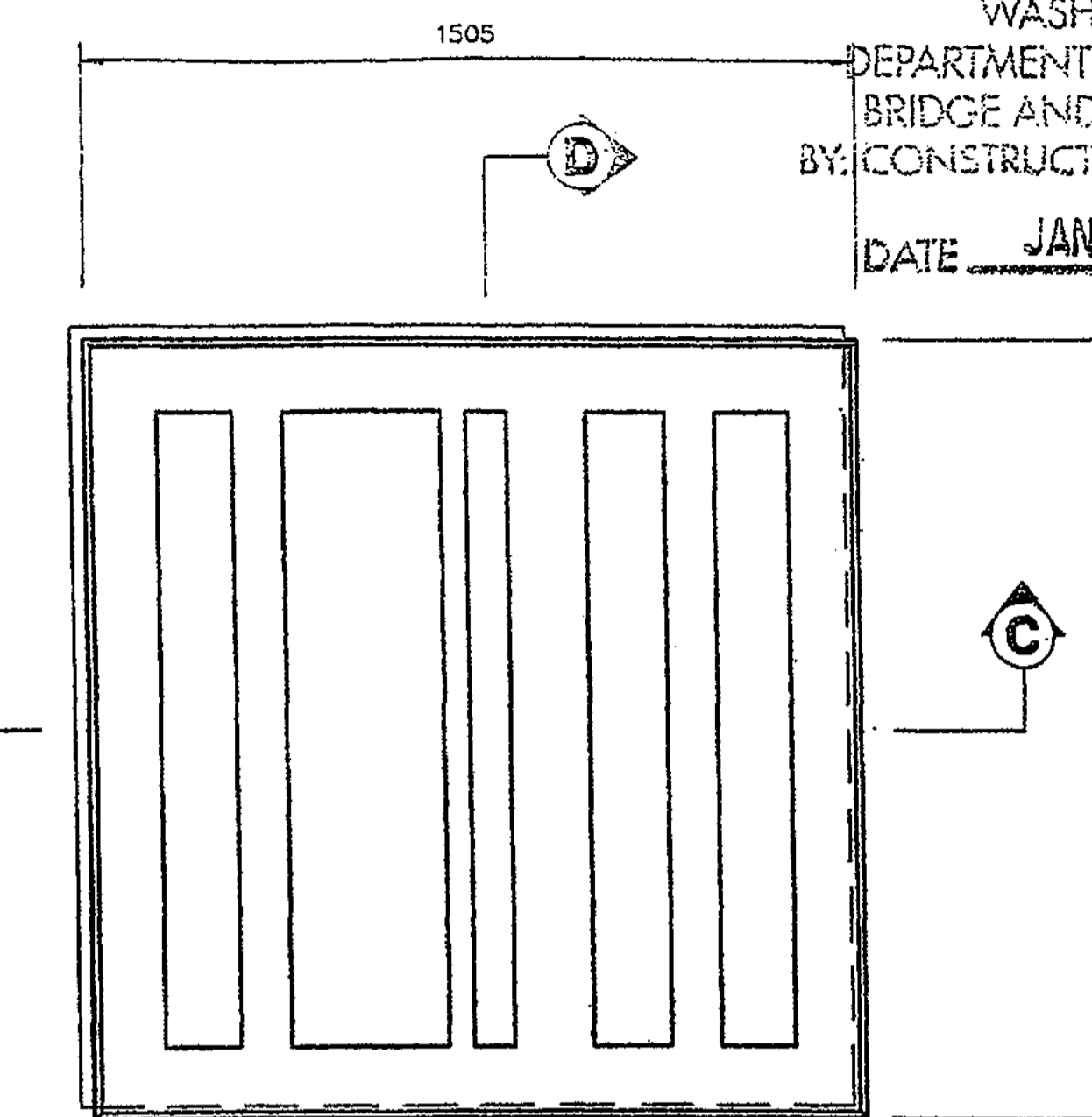
NOT TO SCALE

CONTR. NO. C-6549  
OFFICE COPY  
CHKD. BY M. Wood  
DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**



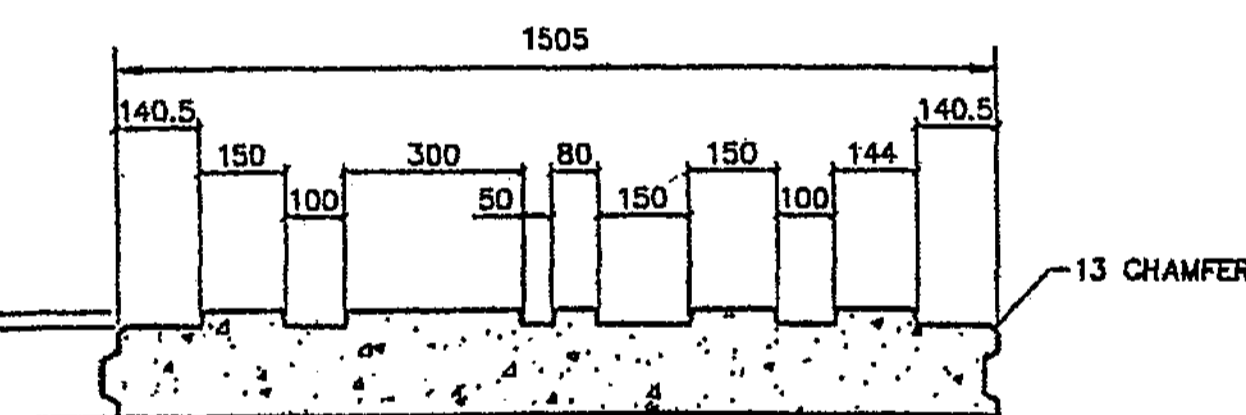
**JOINT DETAIL**

NOT TO SCALE



**TYPE 'B' ARCHITECTURAL PANEL DETAIL**  
(FRONT FACE SHOWN)

TYPE "E" = TYPE "B" ROTATED 180°



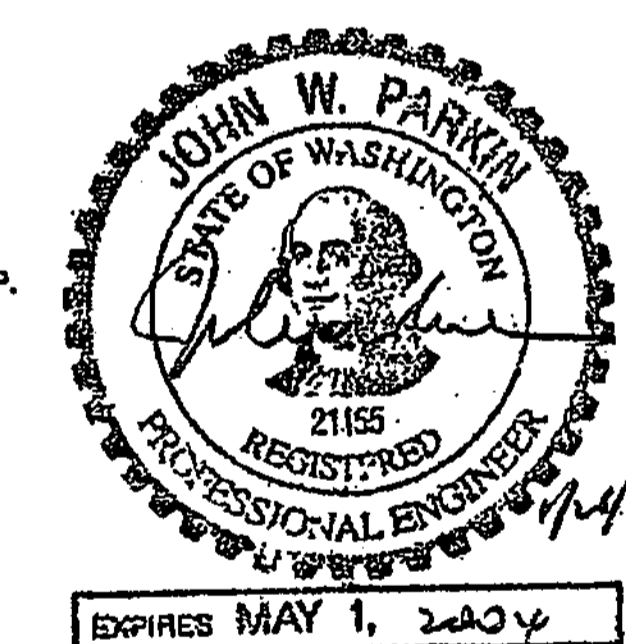
**SECTION C-C**

NOT TO SCALE

FORMLINER "B" TO BE USED ON TYPE "B", "XB" AND "T3" PANELS.

FORMLINER "E" TO BE USED ON TYPE "E" AND "XE" PANELS.

**APPROVED**  
WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
BY: CONSTRUCTION SUPPORT ENGINEER  
DATE JAN 31 2004



THE DESIGN OF ALL MSE PLUS® WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS® RETAINING WALLS AND THE PROJECT BID DOCUMENTS.

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS® STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

DATE	7/22/03
SCALE	1 : 10
DRAWN BY	JT
JOB	03-014
SHEET	<b>RW3</b>
SHEET	0f.

**SSL**  
Specializing in Construction Products  
1000 West 10th Street  
200 E. Main Street, Suite 200  
Bellevue, WA 98005  
Phone: 206.461.1100  
Fax: 206.461.1102

**Just Drafting**  
Services  
1035 East 1st  
Coeur d'Alene, ID 83814  
Phone: 208.765.2200  
Fax: 208.765.2201

DESIGNED BY	DATE	REVISION	BY
F. CAHILL	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		

**FOR "AS CONSTRUCTED PLANS" ONLY**

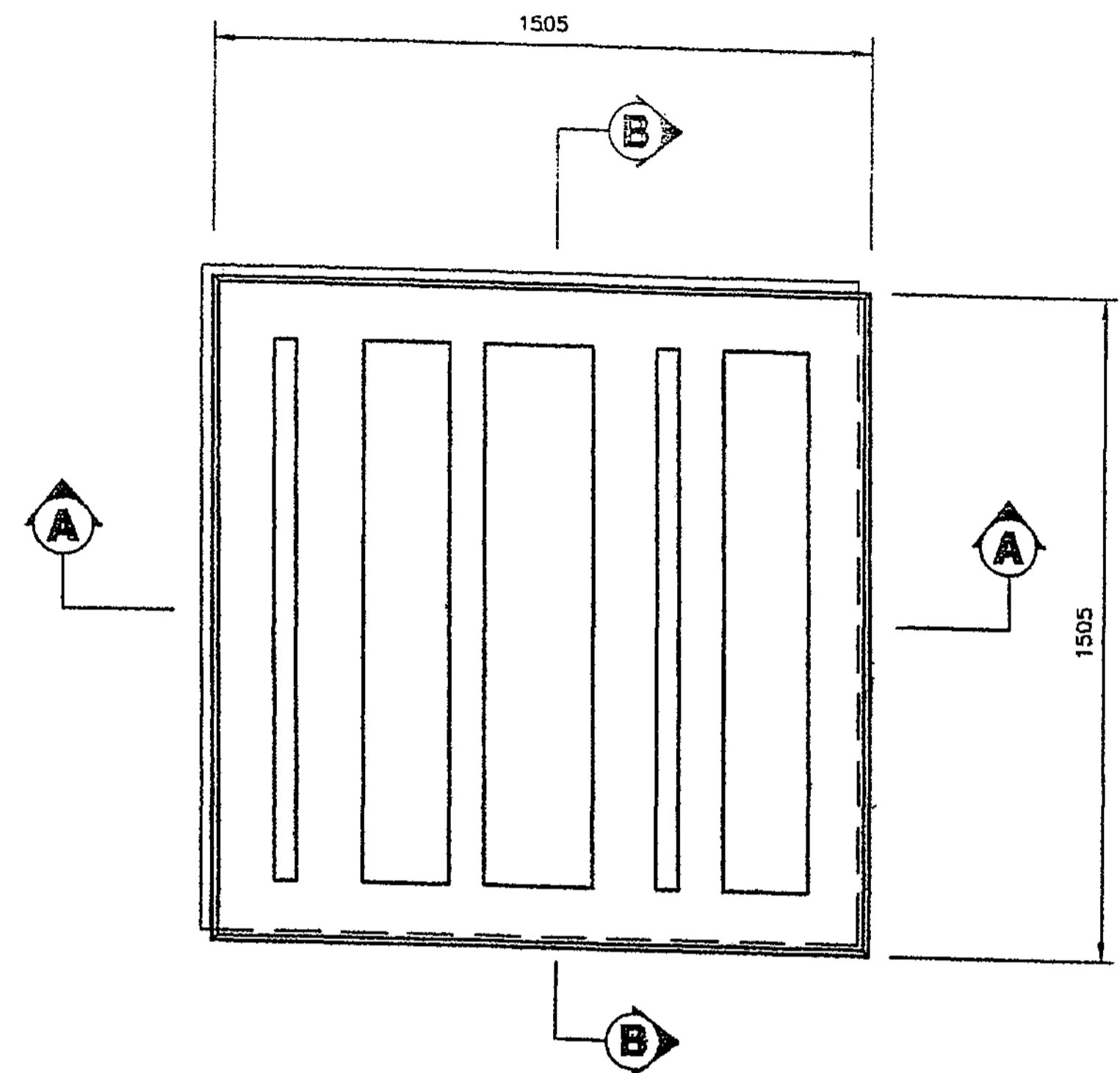


1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
Ret Wall BAS east 2

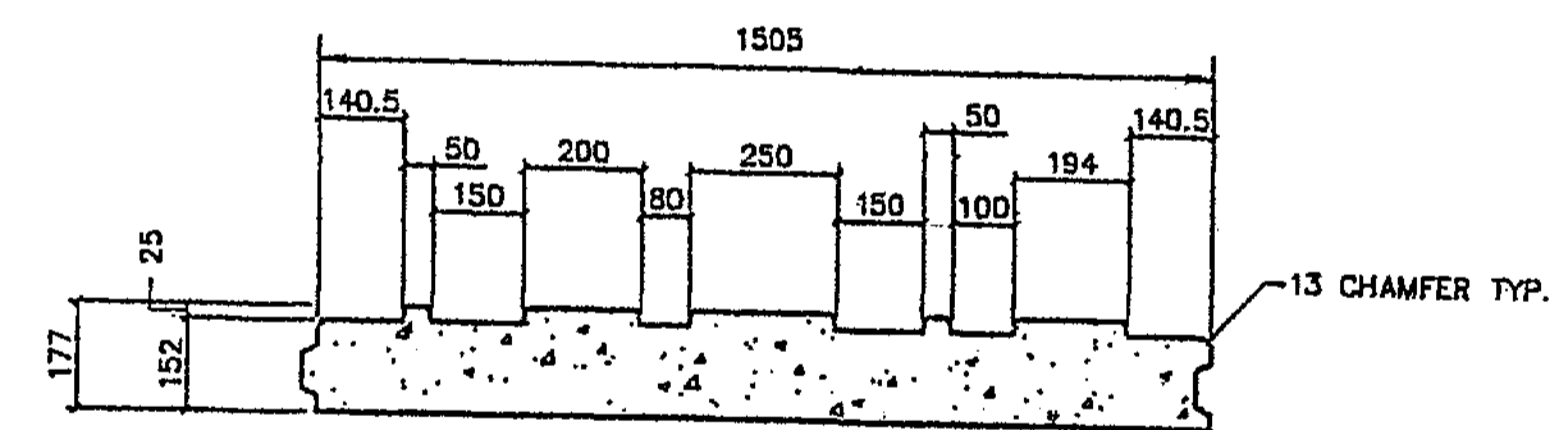
SHEET NO. **RW420**  
**428C**  
**1152**  
SHEETS



:\2004\client\Drawings\SSLV-405\_Bellevue\DWG-36-1.dwg, 1/23/2004 8:15:49 AM, PLOT4

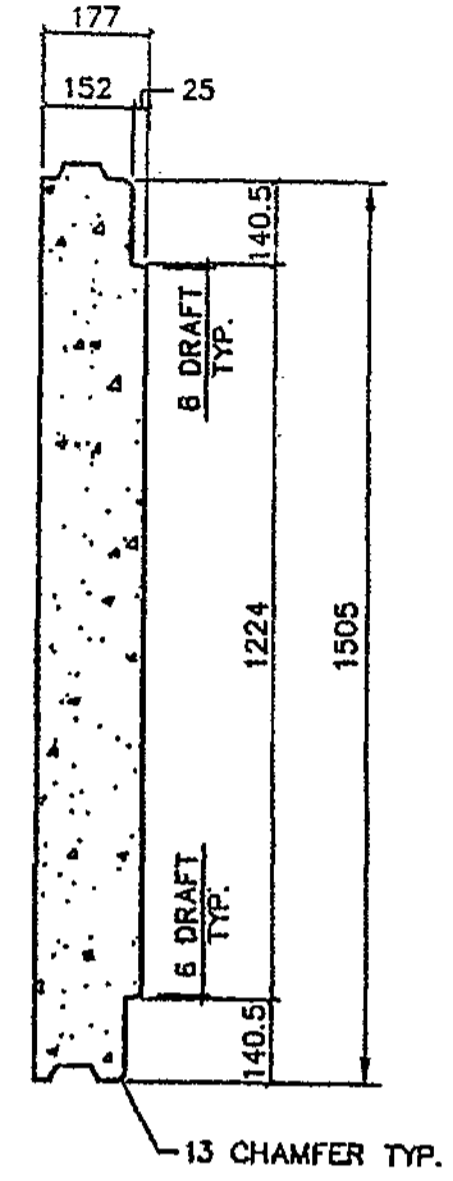


**TYPE 'C' ARCHITECTURAL PANEL DETAIL**  
(FRONT FACE SHOWN)  
TYPE "F" = TYPE "C" ROTATED 180°

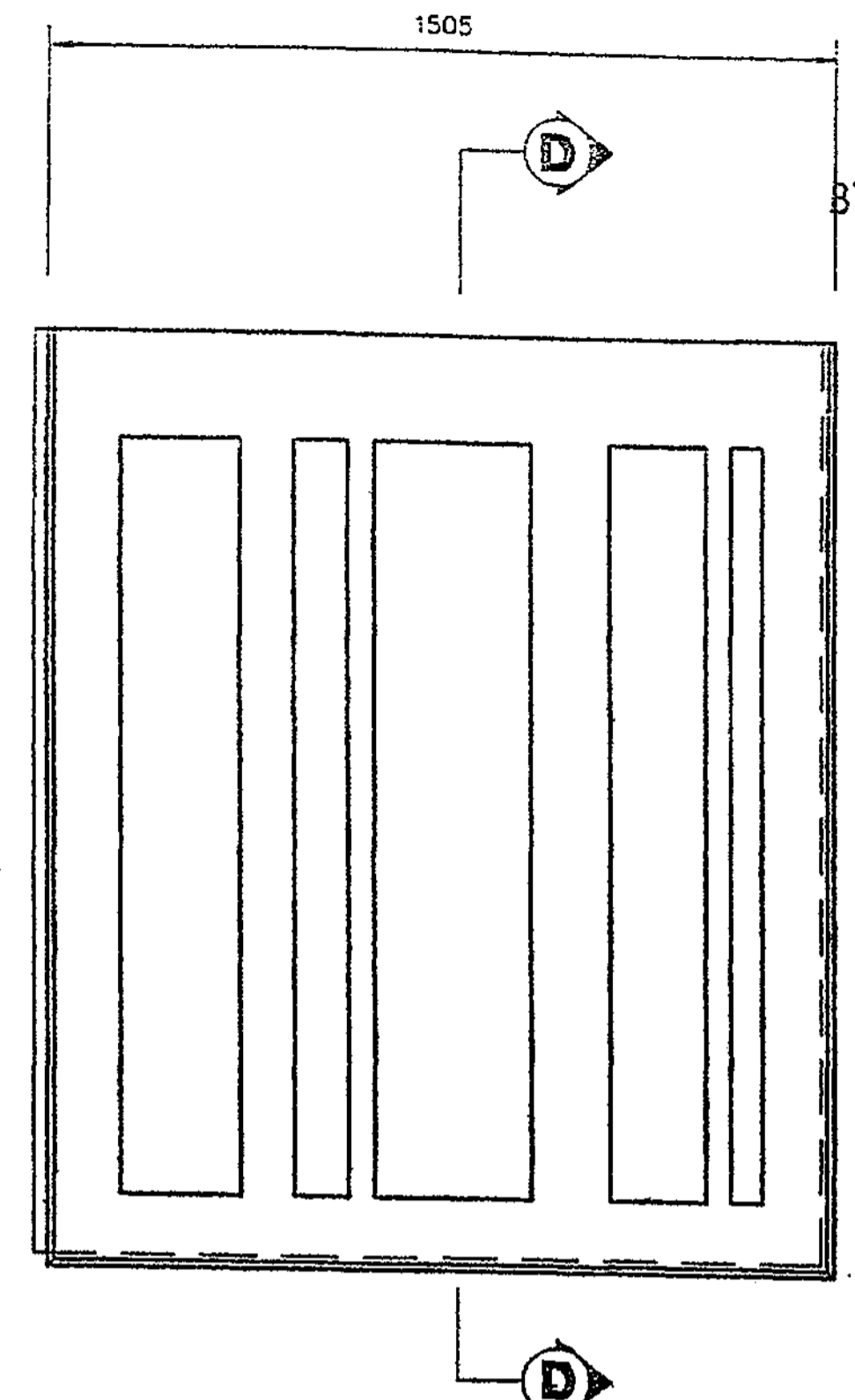


**SECTION A-A**  
NOT TO SCALE

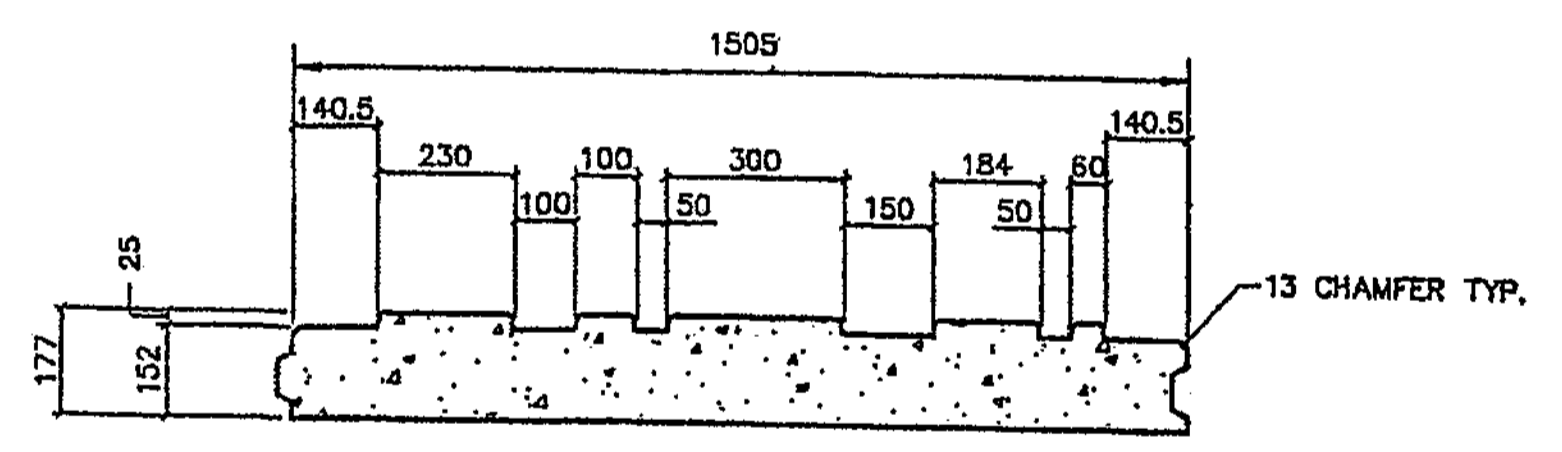
FORMLINER "C" TO BE USED ON TYPE "C", "XC" AND "T4" PANELS.  
FORMLINER "F" TO BE USED ON TYPE "F" AND "XF" PANELS.



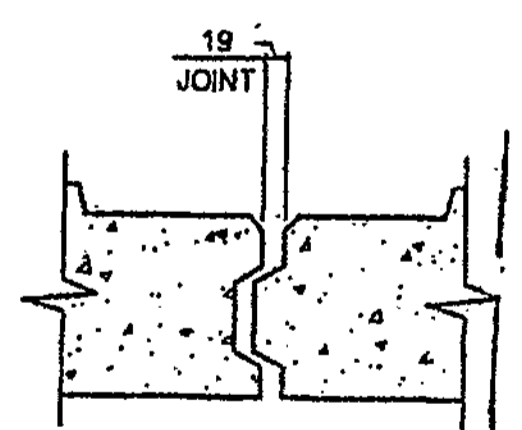
**SECTION B-B**  
NOT TO SCALE



**TYPE 'T6' ARCHITECTURAL PANEL DETAIL**  
(FRONT FACE SHOWN)



**SECTION C-C**  
NOT TO SCALE



**JOINT DETAIL**  
NOT TO SCALE

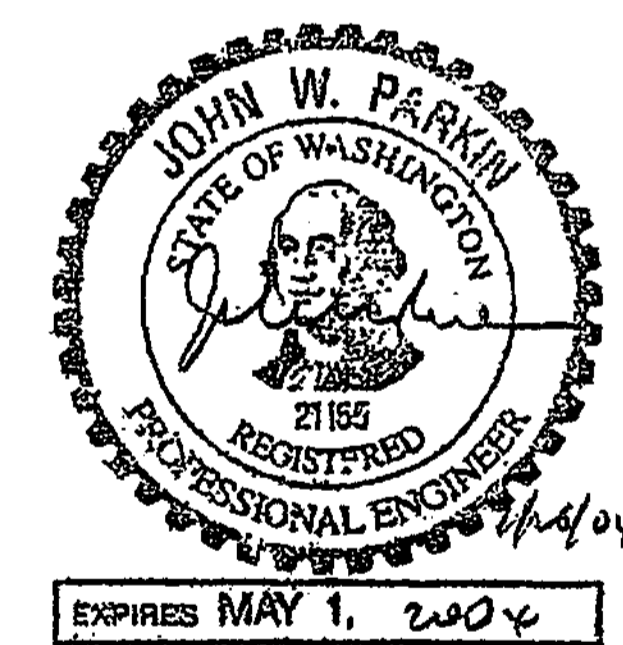
CONTR. NO. C-6529  
OFFICE COPY  
CHKD. BY M. Wood  
DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**

FORMLINER "T6" TO BE USED ON TYPE "T6" PANELS ONLY.

**APPROVED**  
WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
BY: CONSTRUCTION SUPPORT ENGINEER  
DATE JAN 31 2004

THE DESIGN OF ALL MSE PLUS<sup>SM</sup> WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS<sup>SM</sup> RETAINING WALLS AND THE PROJECT BID DOCUMENTS

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS<sup>SM</sup> STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.



DATE	7/2/03
SCALE	1 : 10
DRAWN BY	JST
JOB	03-014
SHEET	RW3A
SHEET OF	OF



**Just Drafting Services**  
1405 Bellevue Direct Access  
1405 Bellevue Direct Access  
1405 Bellevue Direct Access  
1405 Bellevue Direct Access  
1405 Bellevue Direct Access

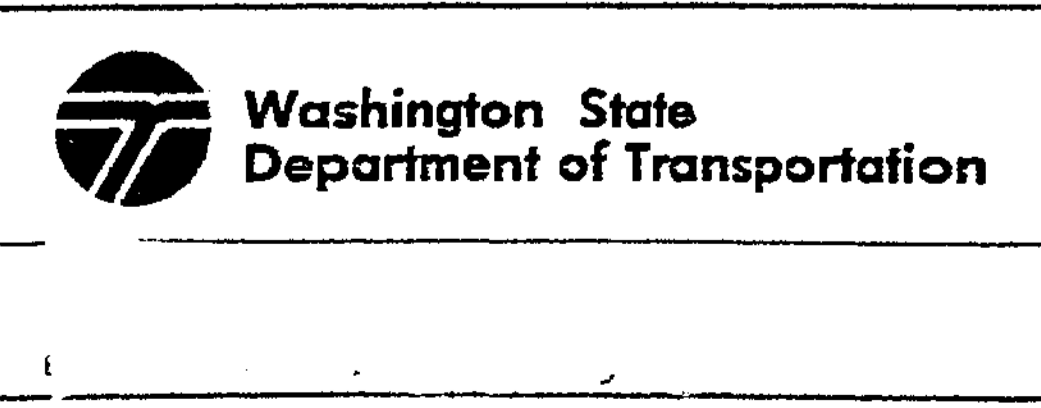
**SSL**  
Specializing in Construction Products  
1405 Bellevue Direct Access  
1405 Bellevue Direct Access  
1405 Bellevue Direct Access  
1405 Bellevue Direct Access  
1405 Bellevue Direct Access

**ADDITIONAL PANEL FINISH DETAILS**  
1-405 BELLEVUE DIRECT ACCESS  
SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
FED. AID PROJECT NO. STP-UL-4053(043)

DESIGNED BY	F. CAHILL	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	10
STATE	WASH
FED. AID PROJ. NO.	
JOB NUMBER	02A012
CONTRACT NO.	

**FOR "AS CONSTRUCTED PLANS" ONLY**

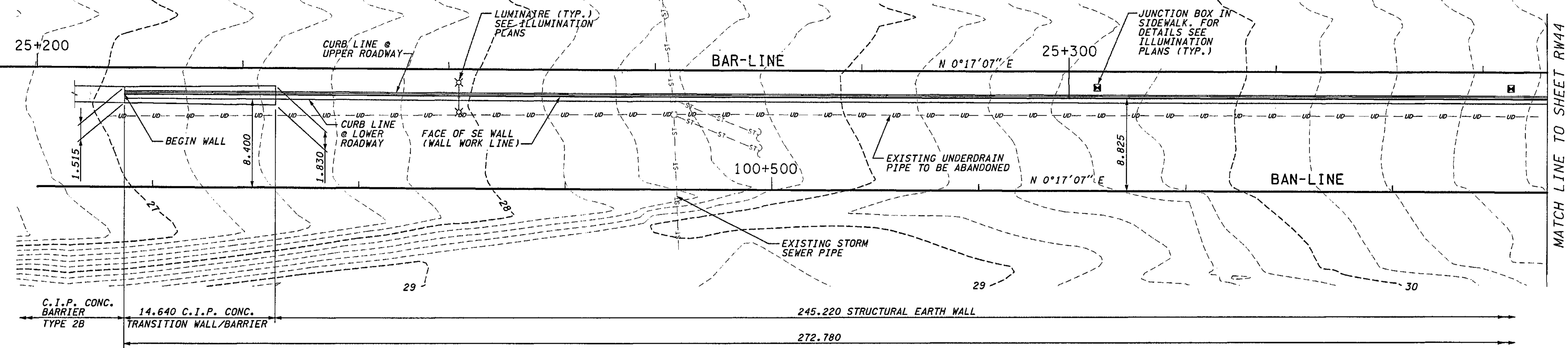


I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
Ret Wall, BAS east 2

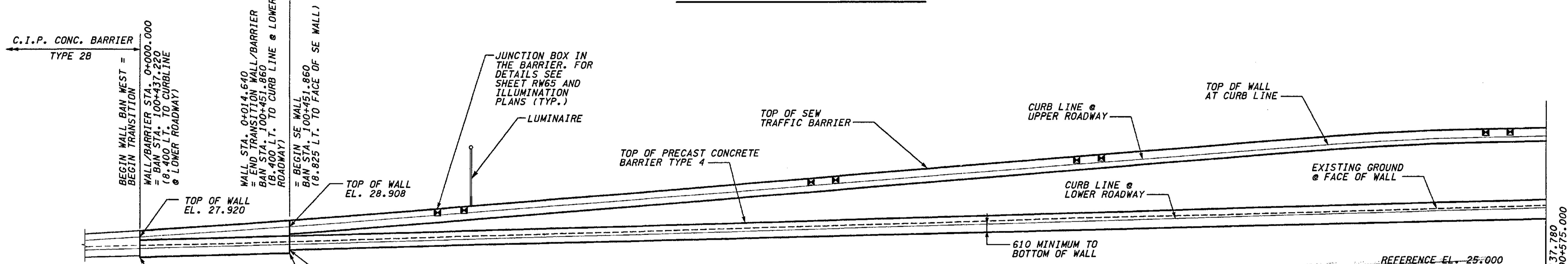
SHEET NO  
RW42D  
428D  
1152 SHEETS

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405



PLAN - WALL BAN WEST



ELEVATION - WALL BAN WEST

JUNCTION BOX LOCATIONS			
RETAINING WALL BAN WEST			
STATION: BAR-LINE	TYPE	SIZE (mm)	LOCATION
25+237.40	SPARE	460x205x205	IN BARRIER
25+240.00	LT	460x205x205	IN BARRIER
25+274.00	SPARE	460x205x205	IN BARRIER
25+276.40	LT	460x205x205	IN BARRIER
25+300.00	LT	460x205x205	IN BARRIER
25+302.40	SPARE	460x205x205	IN BARRIER
25+302.40	TS/TSP	460x205x205	IN SIDEWALK
25+340.00	LT	460x205x205	IN BARRIER
25+342.40	SPARE	460x205x205	IN BARRIER
25+342.40	TS/TSP	460x370x205	IN SIDEWALK

- NOTES:**
1. THE CONTRACTOR SHALL DETERMINE TOP OF WALL ELEVATIONS (ELEVATIONS BETWEEN THOSE SHOWN IN THE PLANS) FROM BAR-LINE PROFILE & SUPERELEVATION DIAGRAM, SEE SHEET RP13.
  2. FOR WALL TYPICAL SECTION, SEE SHEET RW45.
  3. FOR LOCATION OF LUMINAIRE AND JUNCTION BDXES REFER TO ILLUMINATION PLANS.
  4. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON OUTSIDE FACE OF SEW TRAFFIC BARRIER SEE SHEET RW6 (SIMILAR).
  5. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON TOP OF SEW TRAFFIC BARRIER SEE SHEET RW24 (SIMILAR).
  6. C.I.P. CONC. TRANSITION WALL/BARRIER SHALL BE SIMILAR TO C.I.P. CONC. BARRIER TYPE 2B - SEE SHEET BD1. VARY DIMENSIONS UNIFORMLY BETWEEN CONC. BARRIER TYPE 2B AND SEW WALL. BARS MARK #14 AND 15 SHALL BE #5 @ 230.

FOR "AS CONSTRUCTED PLANS" ONLY

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I\_405\_JOB NO. SHEET 12/06/2002 02:20:00 PM C:\PWTEMP\dms00358\RW043\_C2.DGN

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	KJW	JOB NUMBER	02A012	
ENTERED BY	JAS	CONTRACT NO.		
CHECKED BY	JHS	DATE	DATE	REVISION
PROJ. DYER, D. CIERI	12/02			BY
REGIONAL ADM. D. DYE	12/02			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL BAN WEST

BRIDGE SHEET NO. RW43  
SHEET 479 OF 1152 SHEETS



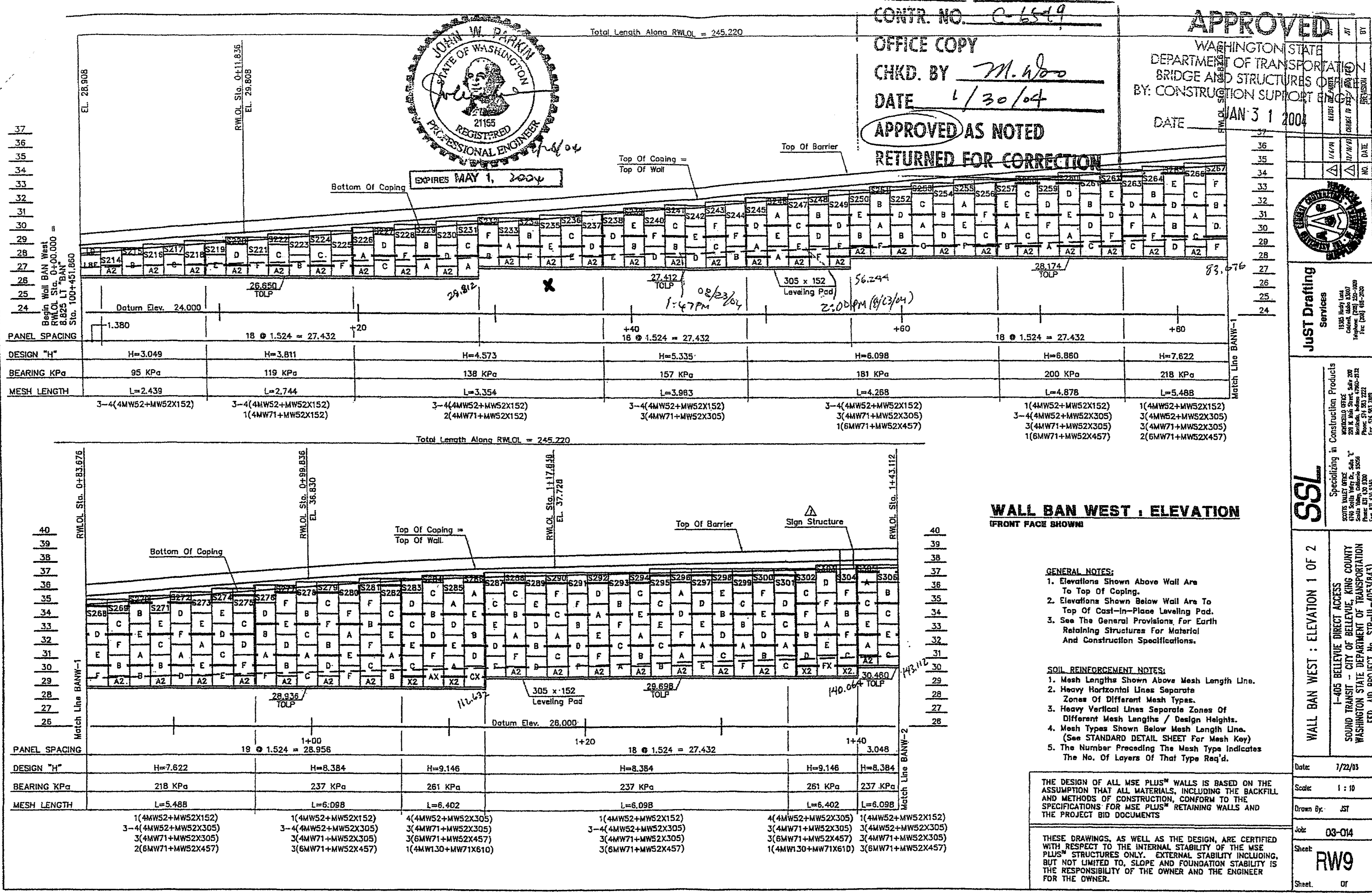


c:\pvt\temp\dms00355\4s004\_c2.dgn

PLOT4

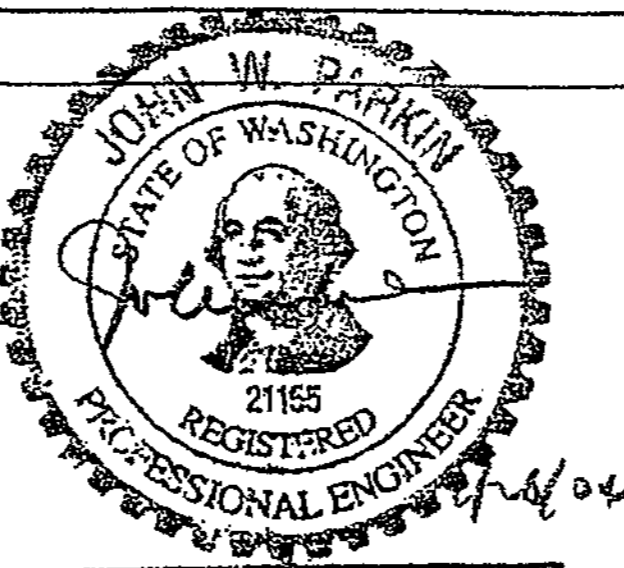
11/21/2002 09:28:50 AM

DiemT



CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. Wood  
 DATE 1/30/04  
 APPROVED AS NOTED  
 RETURNED FOR CORRECTION

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES DIVISION  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE JAN 31 2004



**Just Drafting**  
 Services  
 1105 1/2 St. SE  
 Everett, WA 98201  
 Telephone: (425) 352-3000  
 Fax: (425) 352-3000

**SSL**  
 Specializing in  
 Construction Products  
 1105 1/2 St. SE  
 Everett, WA 98201  
 Telephone: (425) 352-3000  
 Fax: (425) 352-3000

**WALL BAN WEST : ELEVATION 1 OF 2**

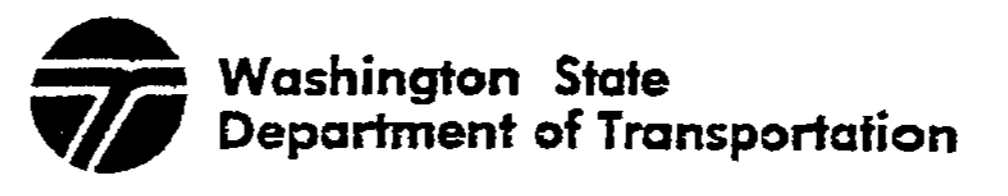
1-405 BELLEVUE DIRECT ACCESS  
 SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
 FED. AID PROJECT No. SIP-UJ-4053(BA3)

Date: 7/22/03  
 Scale: 1 : 10  
 Drawn By: JST  
 Job: 03-014  
 Sheet: **RW9**  
 Sheet: 01

DESIGNED BY	F. CAHILL	12/02
ENTERED BY	H. TRAN	12/02
CHECKED BY	I. HASAYEN	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

**FOR "AS CONSTRUCTED PLANS" ONLY**

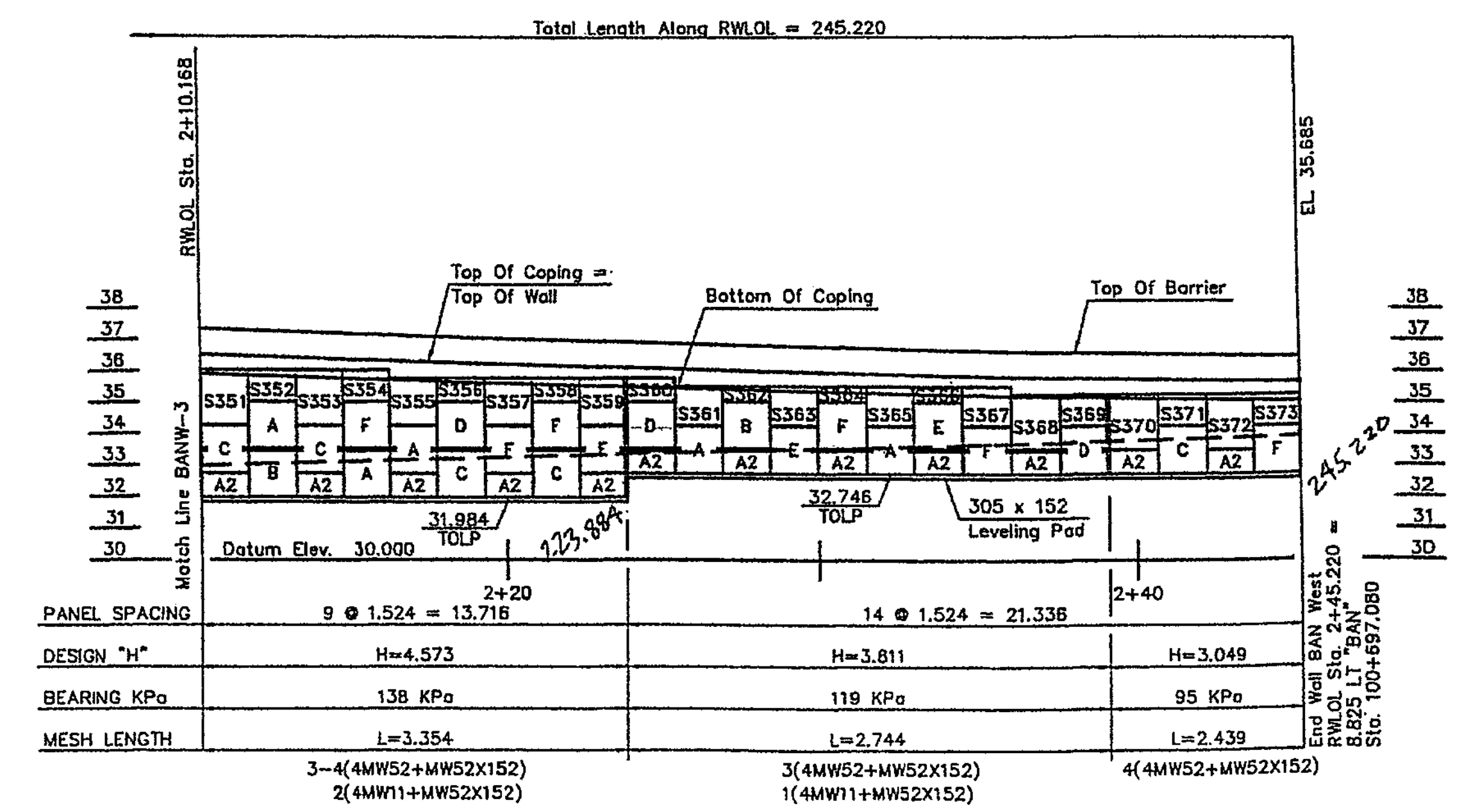
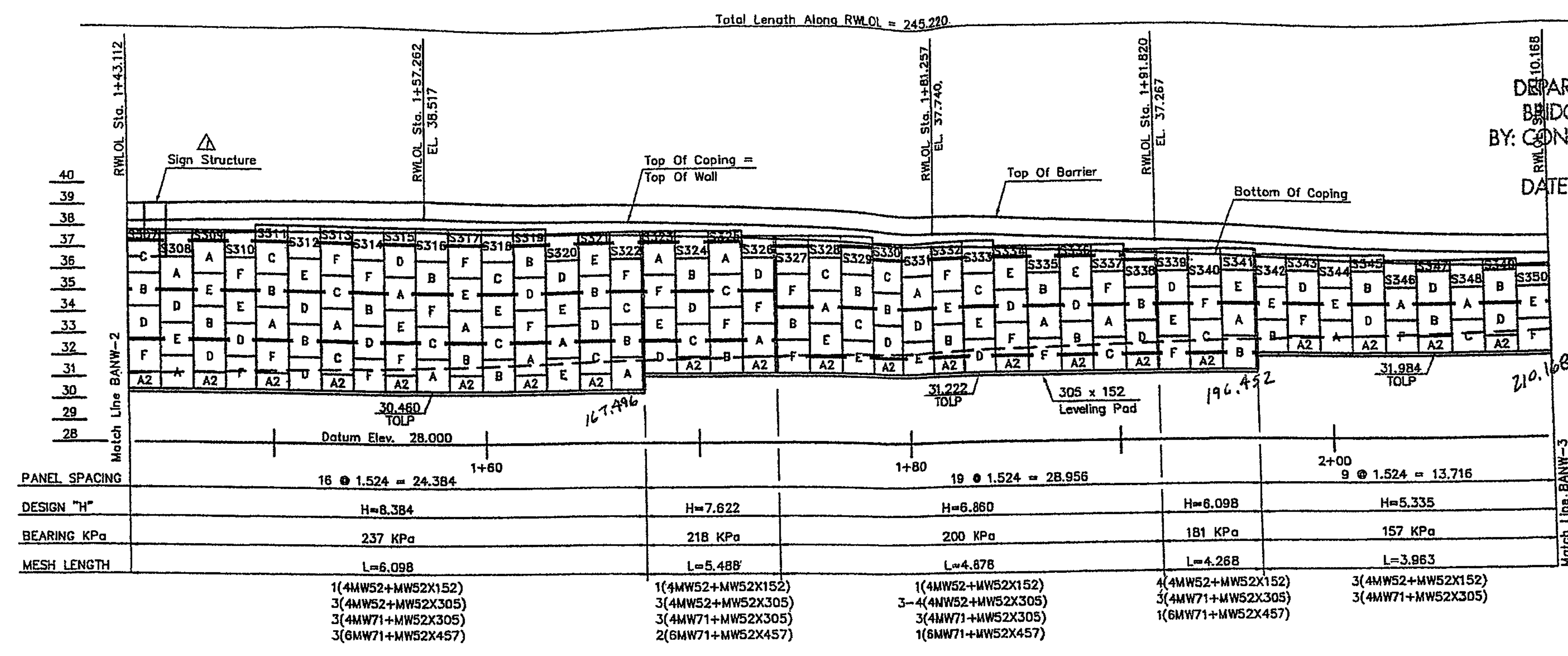


1 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ret Wall BAN West  
 RW43B  
 429B  
 1152 SHEETS



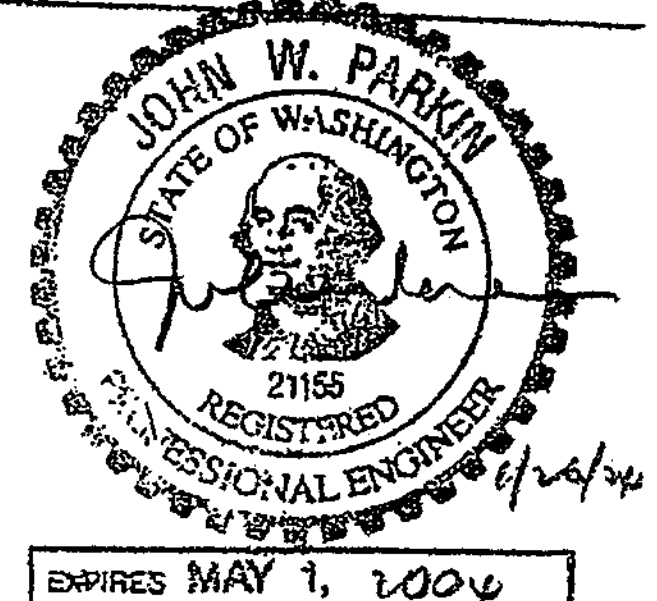
DiemT 11/21/2002 09:28:50 AM PLOT4 c:\pwt\temp\dms00355\4s004\_c2.dgn

S:\2004\client Drawings\SSL1-405, BellevueRW-10-2.dwg, 1/23/2004 9:13:21 AM, RUMBLE, JOHN



**WALL BAN WEST : ELEVATION**  
IFRONT FACE SHOWN

CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. W. Parkin  
 DATE 1/30/04  
**APPROVED AS NOTED**  
 RETURNED FOR CORRECTION



- GENERAL NOTES:**
- Elevations Shown Above Wall Are To Top Of Coping.
  - Elevations Shown Below Wall Are To Top Of Cast-In-Place Leveling Pad.
  - See The General Provisions For Earth Retaining Structures For Material And Construction Specifications.

- SOIL REINFORCEMENT NOTES:**
- Mesh Lengths Shown Above Mesh Length Line.
  - Heavy Horizontal Lines Separate Zones Of Different Mesh Types.
  - Heavy Vertical Lines Separate Zones Of Different Mesh Lengths / Design Heights.
  - Mesh Types Shown Below Mesh Length Line. (See STANDARD DETAIL SHEET For Mesh Key).
  - The Number Preceding The Mesh Type Indicates The No. Of Layers Of That Type Req'd.

THE DESIGN OF ALL MSE PLUS® WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS® RETAINING WALLS AND THE PROJECT BID DOCUMENTS

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS® STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY, IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

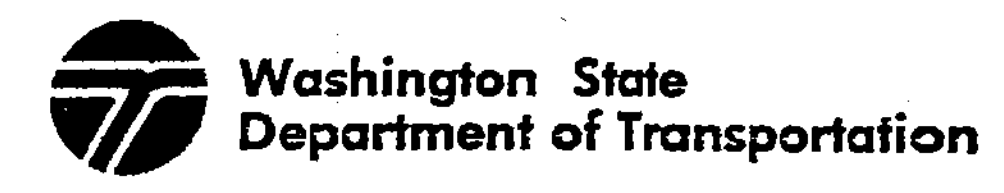
**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: **CONSTRUCTION SUPPORT ENGINEER**  
 DATE **JAN 31 2004**

	JUST Drafting Services 1005 North Lee Everett, WA 98207 Phone: (425) 255-1900 Fax: (425) 255-2000
Specializing in Construction Products SOUTHWEST OFFICE 1700 South Valley Dr. Renton, WA 98057 Phone: (206) 881-7222 Fax: (206) 881-1900	WALL BAN WEST : ELEVATION 2 OF 2 1-405 BELLEVUE DIRECT ACCESS SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY WASHINGTON STATE DEPARTMENT OF TRANSPORTATION FED. AID PROJECT No. STP-111-4053(843)
Date: 7/22/03 Scale: 1 : 10 Drawn By: JST Job: 03-014 Sheet: RW10 Sheet: 01	DATE: 7/22/03 SCALE: 1 : 10 DRAWN BY: JST JOB: 03-014 SHEET: RW10 SHEET: 01

DESIGNED BY	DATE	REVISION	BY
F. CAHILL	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

**FOR "AS CONSTRUCTED PLANS" ONLY**



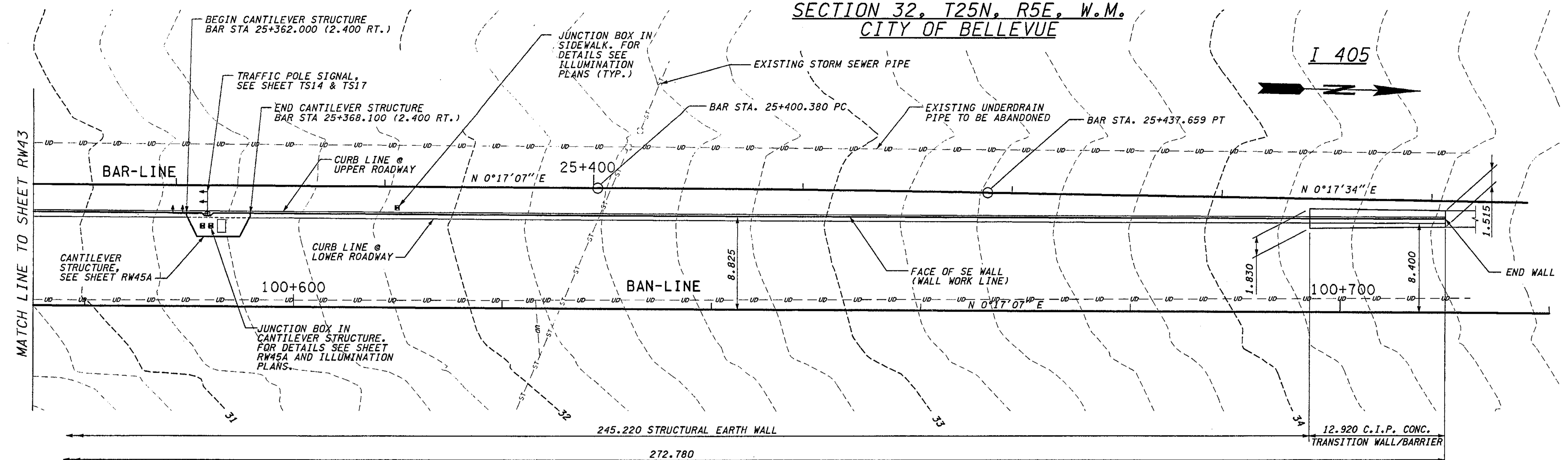
I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

Ret Wall BAN west

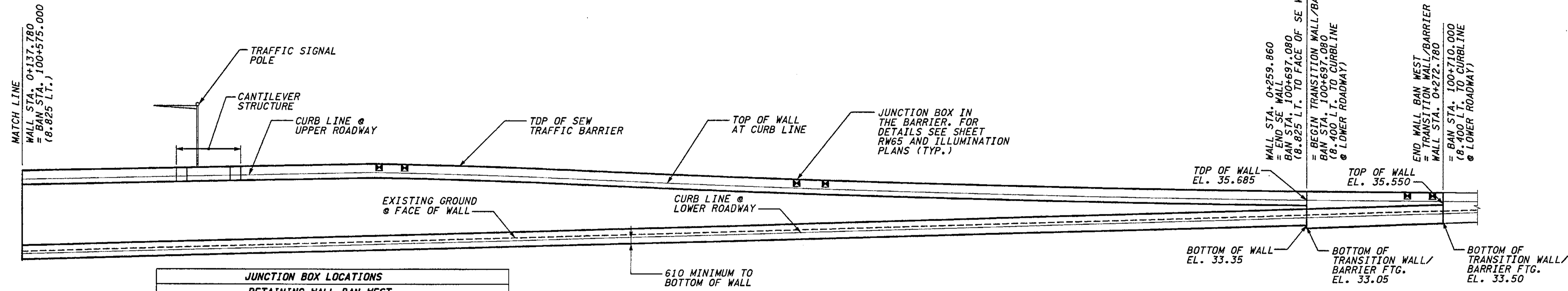
SHEET NO.  
 RW10  
 429C  
 1152  
 SHEETS

I 405 JOB NO. 12/06/2002 02:06:04 PM SHEET 1keller

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



PLAN - WALL BAN WEST



JUNCTION BOX LOCATIONS			
RETAINING WALL BAN WEST			
STATION	BAR-LINE	TYPE	LOCATION
SIGNAL JB AT NE 6th/DA RAMP		TS	IN CANT. STR.
SIGNAL JB AT NE 6th/DA RAMP		TS	IN CANT. STR.
25+380.00		SPARE	IN BARRIER
25+382.40		LT	IN BARRIER
25+381.00		TS/TSP	IN SIDEWALK
25+420.00		SPARE	IN BARRIER
25+422.40		LT	IN BARRIER
25+477.60		SPARE	IN BARRIER
25+480.00		LT	IN BARRIER

ELEVATION - WALL BAN WEST

**NOTES:**  
 1. FOR NOTES SEE SHEET RW43.

FOR "AS CONSTRUCTED PLANS" ONLY

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR				10	WASH	
DESIGNED BY	KJW	12/02		JOB NUMBER	02A012	
ENTERED BY	JAS	12/02		CONTRACT NO.		
CHECKED BY	JHS	12/02		DATE	DATE	REVISION
PROJD. DYER, D. CIERI		12/02		BY		
REGIONAL ADM. D. DYE		12/02				

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

CHERYL H. SZYMIECZAK  
STATE OF WASHINGTON  
LICENSED PROFESSIONAL ENGINEER  
12/06/02

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

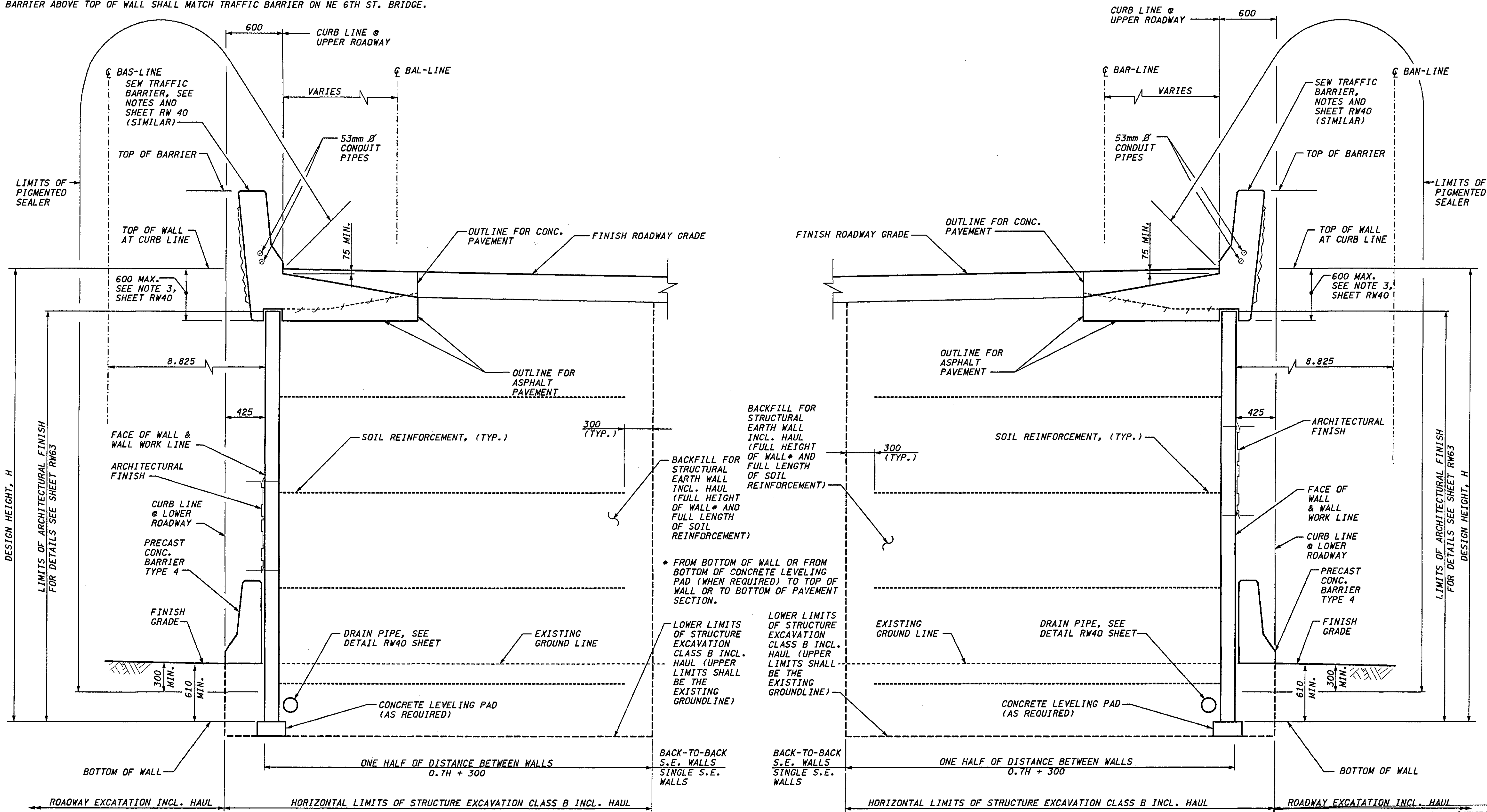
RETAINING WALL BAN WEST

BRIDGE SHEET NO. RW44  
SHEET 430 OF 1152 SHEETS



**NOTES:**

- 1. SEW TRAFFIC BARRIER DIMENSION AND REINFORCEMENT SHALL BE DESIGNED BY THE MANUFACTURER. PORTION OF SEW TRAFFIC BARRIER ABOVE TOP OF WALL SHALL MATCH TRAFFIC BARRIER ON NE 6TH ST. BRIDGE.
- 2. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON OUTSIDE FACE OF SEW TRAFFIC BARRIER SEE SHEET RW6 (SIMILAR).



**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

**WALL BAS EAST 1 AND 2 TYPICAL SECTION  
 STRUCTURAL EARTH WALL**

**WALL BAN WEST TYPICAL SECTION  
 STRUCTURAL EARTH WALL**

**FOR "AS CONSTRUCTED  
 PLANS" ONLY**

(SEE ATTACHED SHEETS)  
 RW 45 A → 450

I 405 JOB NO. SHEET 12/03/2002 10:45:30 AM keller

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY KJW	12/02	JOB NUMBER		
ENTERED BY JAS	12/02	02A012		
CHECKED BY JHS	12/02	CONTRACT NO.		
PROJ. D. DYER, D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*(Signature)* 12/03/02

EXPIRES: 09/09/04

Washington State Department of Transportation

HDR ENGINEERING INC.

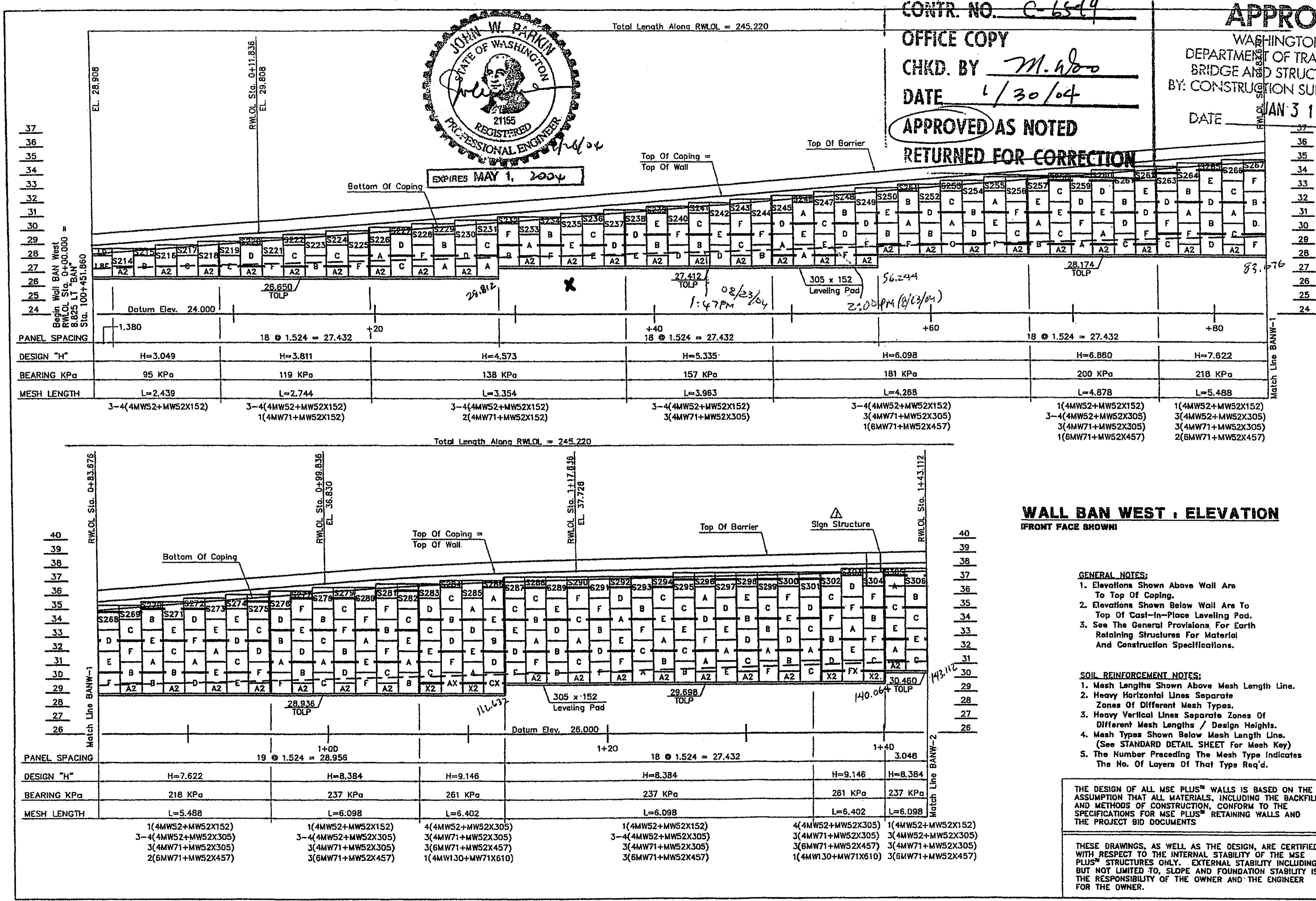
I 405 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 RETAINING WALLS BAS EAST & BAN WEST

BRIDGE SHEET NO. RW45  
 SHEET 431 OF 1152 SHEETS





11/21/2002 09:28:50 AM PLOT4 c:\pwrtemp\dms00355\4s004\_c2.dgn



CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. Ho  
 DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES DIVISION  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE JAN 31 2004



**JUST Drafting**  
 Services  
 1135 1/2 Ave. S.W.  
 Everett, WA 98201  
 Phone: (425) 352-2222  
 Fax: (425) 352-2222

**SSL**  
 Specializing in Construction Products  
 10000 1st Ave. S.W.  
 Seattle, WA 98148  
 Phone: (206) 835-3300  
 Fax: (206) 835-3300

WALL BAN WEST : ELEVATION 1 OF 2  
 1-405 BELLEVUE DIRECT ACCESS  
 SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
 FED. AID PROJECT NO. STP-JUL-0053(843)

- GENERAL NOTES:**
- Elevations Shown Above Wall Are To Top Of Coping.
  - Elevations Shown Below Wall Are To Top Of Cast-In-Place Leveling Pad.
  - See The General Provisions For Earth Retaining Structures For Material And Construction Specifications.
- SOIL REINFORCEMENT NOTES:**
- Mesh Lengths Shown Above Mesh Length Line.
  - Heavy Horizontal Lines Separate Zones Of Different Mesh Types.
  - Heavy Vertical Lines Separate Zones Of Different Mesh Lengths / Design Heights.
  - Mesh Types Shown Below Mesh Length Line. (See STANDARD DETAIL SHEET For Mesh Key)
  - The Number Preceding The Mesh Type Indicates The No. Of Layers Of That Type Req'd.

THE DESIGN OF ALL MSE PLUS™ WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS™ RETAINING WALLS AND THE PROJECT BID DOCUMENTS

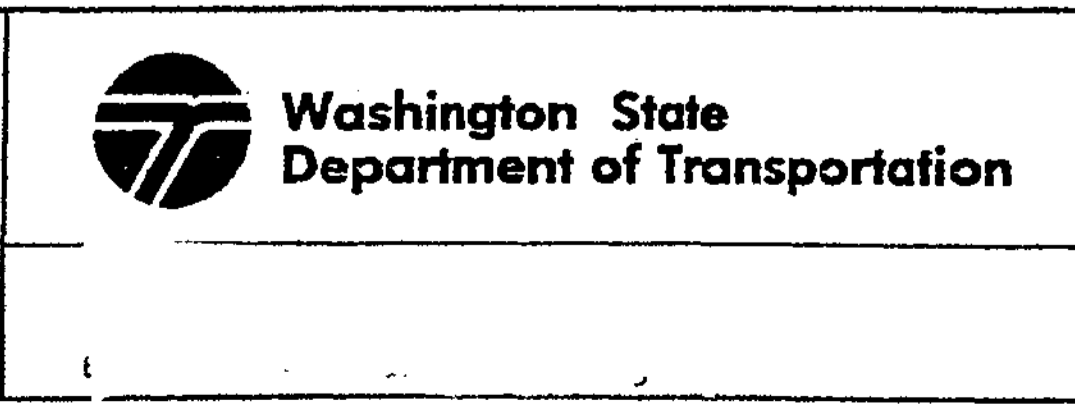
THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS™ STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

Date: 1/22/03  
 Scale: 1 : 10  
 Drawn By: ST  
 Job: 03-014  
 Sheet: RW9  
 of

DESIGNED BY	F. CAHILL	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

FOR "AS CONSTRUCTED PLANS" ONLY



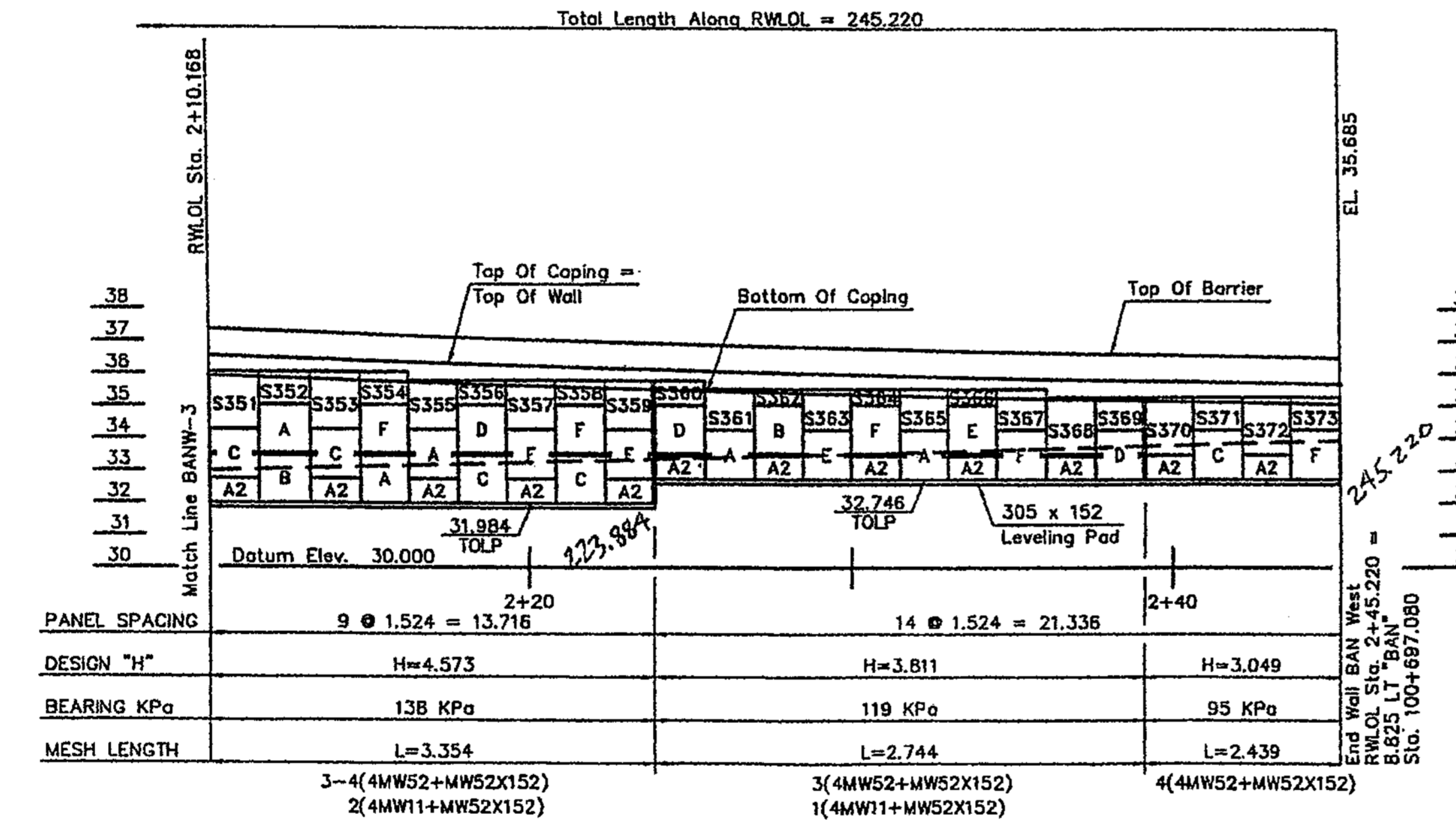
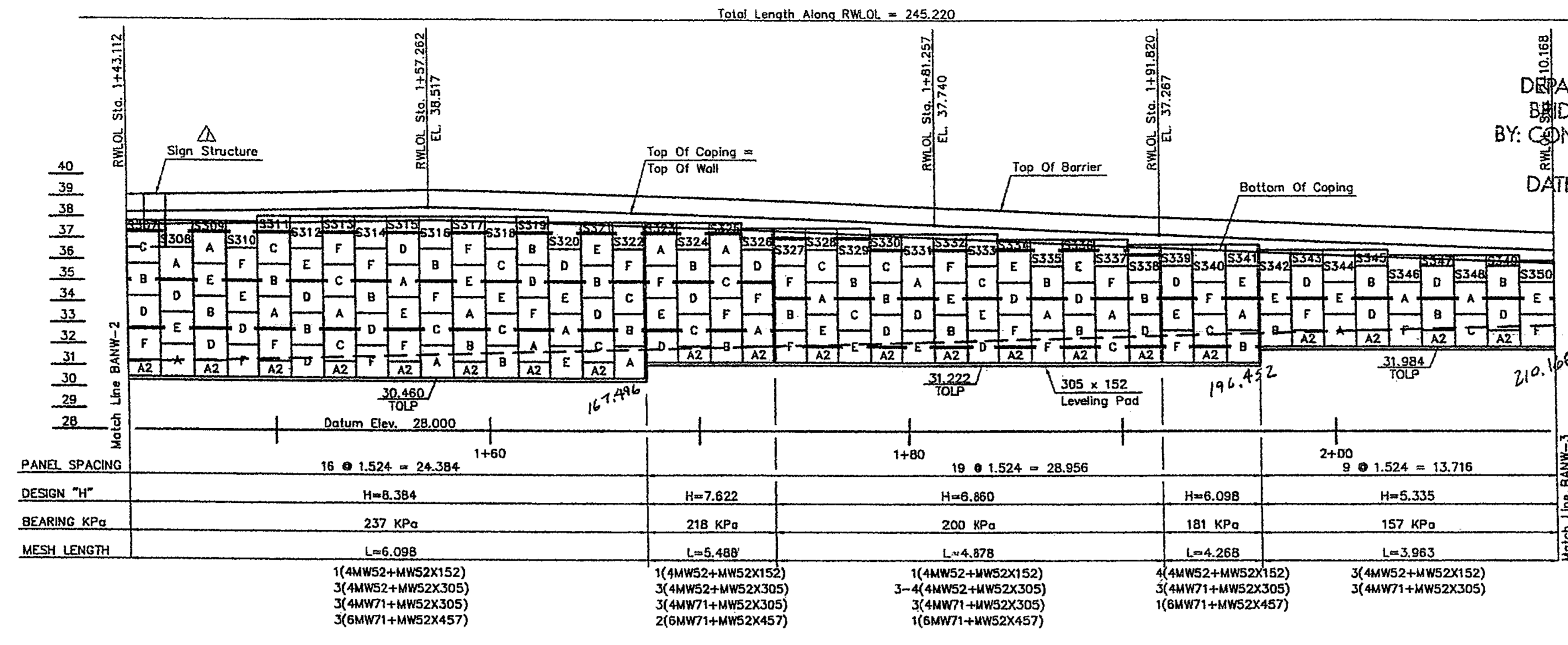
I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

SHEET NO.  
 RW9  
 431B  
 1152 SHEETS

Ref walls BAG East & BAN West

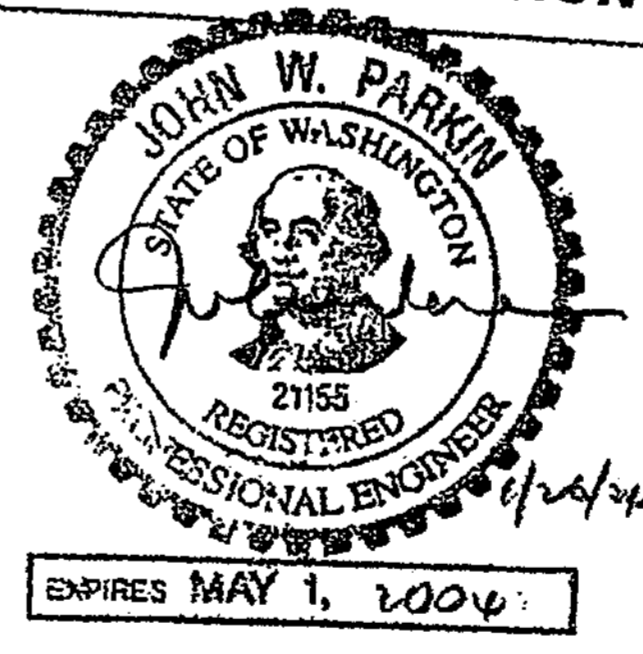
11/21/2002 09:28:50 AM PL014 c:\pwt\temp\dms00355\4s004\_c2.dgn

I:\2004\client\Drawings\SS\1-405, BellevueRW-10-2.dwg, 1/23/2004 8:13:21 AM, R:\user\j\j\j\j\j



**WALL BAN WEST, ELEVATION**  
IFRONT FACE SHOWN

CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M.W.  
 DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**



- GENERAL NOTES:**
- Elevations Shown Above Wall Are To Top Of Coping.
  - Elevations Shown Below Wall Are To Top Of Cast-In-Place Leveling Pad.
  - See The General Provisions For Earth Retaining Structures For Material And Construction Specifications.

- SOIL REINFORCEMENT NOTES:**
- Mesh Lengths Shown Above Mesh Length Line.
  - Heavy Horizontal Lines Separate Zones Of Different Mesh Types.
  - Heavy Vertical Lines Separate Zones Of Different Mesh Lengths / Design Heights.
  - Mesh Types Shown Below Mesh Length Line. (See STANDARD DETAIL SHEET For Mesh Key)
  - The Number Preceding The Mesh Type Indicates The No. Of Layers Of That Type Req'd.

THE DESIGN OF ALL MSE PLUS<sup>SM</sup> WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS<sup>SM</sup> RETAINING WALLS AND THE PROJECT BID DOCUMENTS

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS<sup>SM</sup> STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE JAN 31 2004

 <b>Just Drafting Services</b> 1305 1/2 Hwy 101 Everett, WA 98201 Phone: 425-353-2222 Fax: 425-353-2222	 <b>SSL</b> Specializing in Construction Products 5100 1/2 Hwy 101 Everett, WA 98201 Phone: 425-353-2222 Fax: 425-353-2222
WALL BAN WEST : ELEVATION 2 OF 2	Date: 1/22/04 Scale: 1 : 10 Drawn By: JST Job: 03-014 Sheet: RW10 of 1152 SHEETS

DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	DATE	DATE	REVISION	BY
F. CAHILL	H. TRAN	I. HASAYEN	D. CIERI	D. DYE	12/02			

REGION NO. 10  
 STATE WASH  
 FED. AID PROJ. NO.  
 JOB NUMBER 02A012  
 CONTRACT NO.

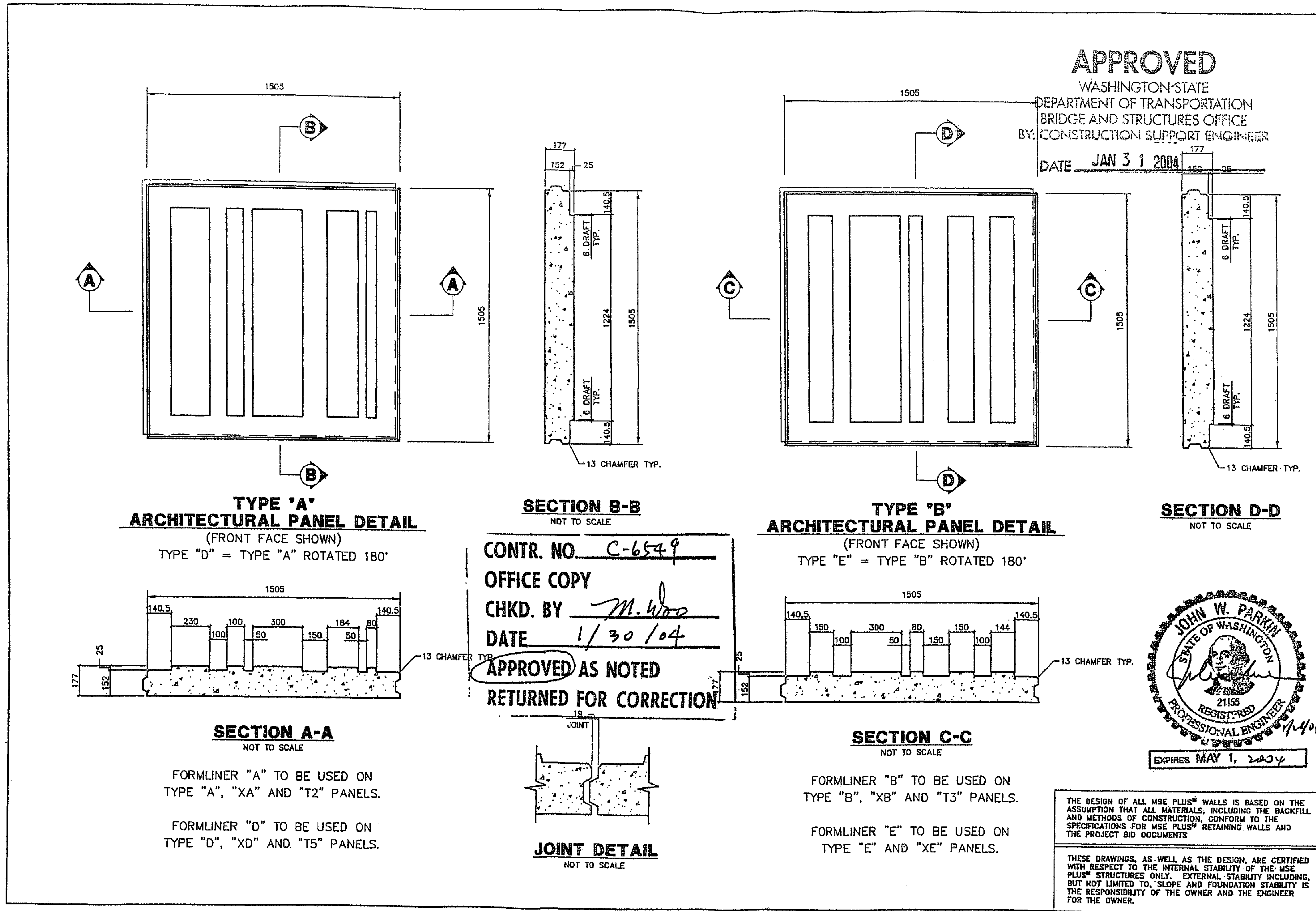


I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ret walls BAS east & BAN west

RW45C  
 431C  
 1152 SHEETS

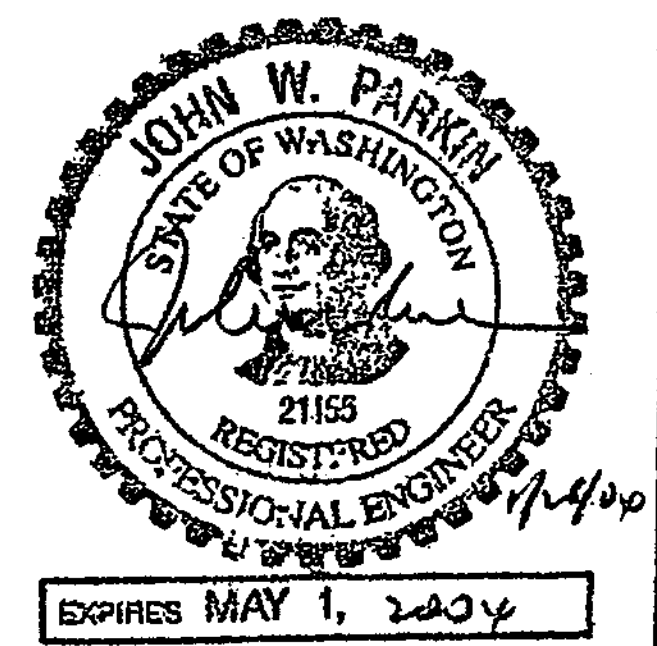


G:\2004\client Drawings\SLU-405\_Bellevue\RW-3-2.dwg, 1/23/2004 8:04:53 AM, Robert Johnson



CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. Wood  
 DATE 1/30/04  
 APPROVED AS NOTED  
 RETURNED FOR CORRECTION

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE JAN 31 2004



THE DESIGN OF ALL MSE PLUS® WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS® RETAINING WALLS AND THE PROJECT BID DOCUMENTS.

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS® STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

DATE	7/21/01
SCALE	1:10
DRAWN BY	ST
JOB	03-014
SHEET	RW3
SHEET OF	01



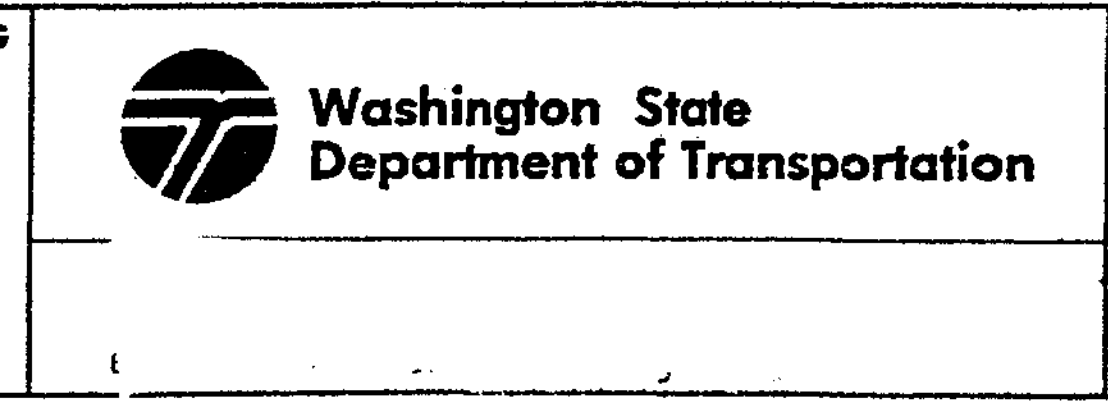
**Just Drafting Services**  
 11355 N. 4th Ave.  
 Everett, WA 98203  
 Phone: (425) 755-2222  
 Fax: (425) 755-2222

**SSL**  
 Specializing in Construction Products  
 200 N. 4th Street, Suite 200  
 Everett, WA 98203  
 Phone: (425) 303-2222  
 Fax: (425) 303-2222

**PANEL FINISH DETAILS**  
 I-405 BELLEVUE DIRECT ACCESS  
 SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
 FED. AID PROJECT NO. STP-01-405(3)(43)

DESIGNED BY	DATE	REVISION	BY	REGION NO.	STATE	FED. AID PROJ. NO.
F. CAHILL	12/02			10	WASH	
H. TRAN	12/02					
I. HASAYEN	12/02					
D. CIERI	12/02					
D. DYE	12/02					

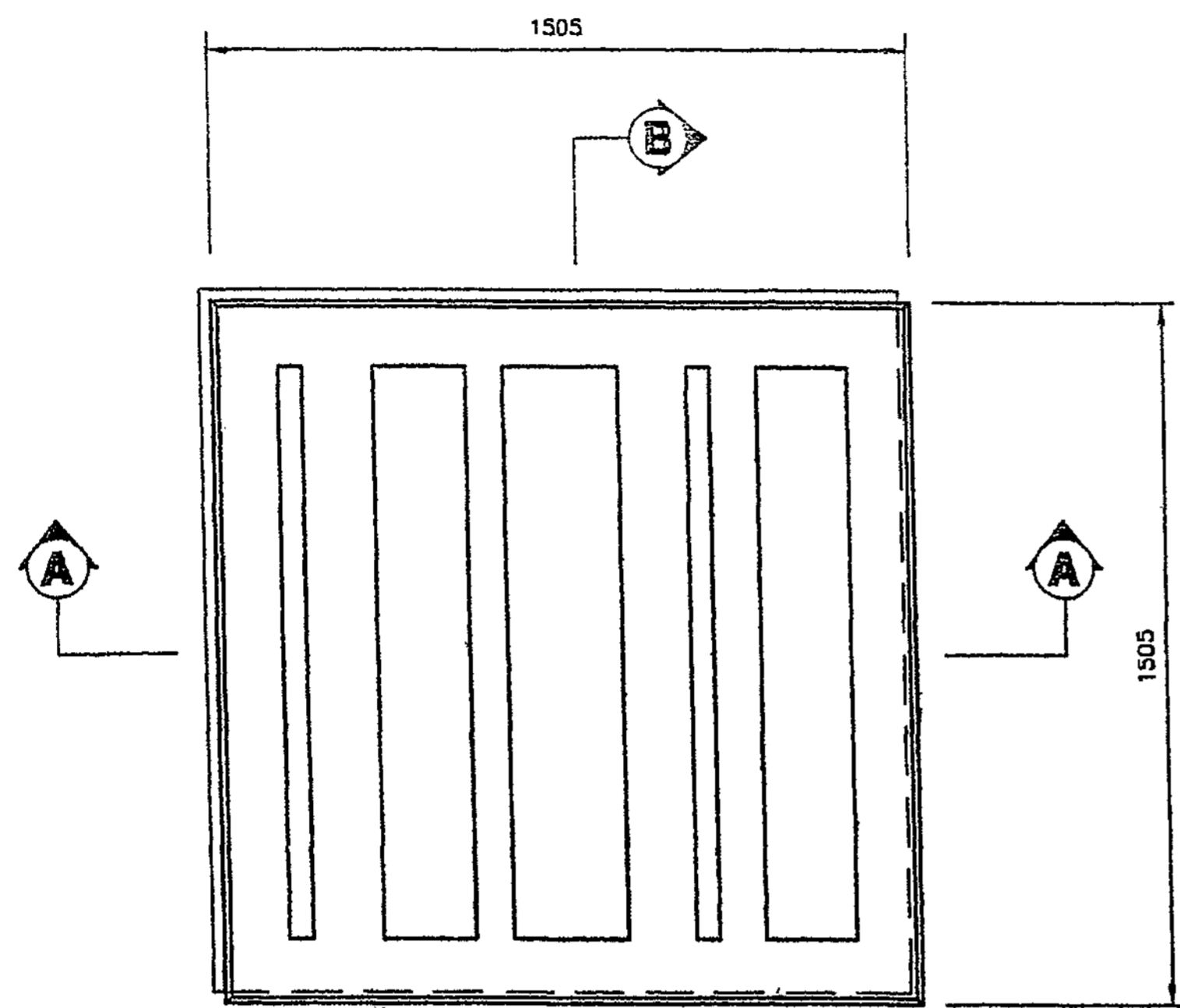
FOR "AS CONSTRUCTED PLANS" ONLY



I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 Ref walls BAS east  
 & BAN west

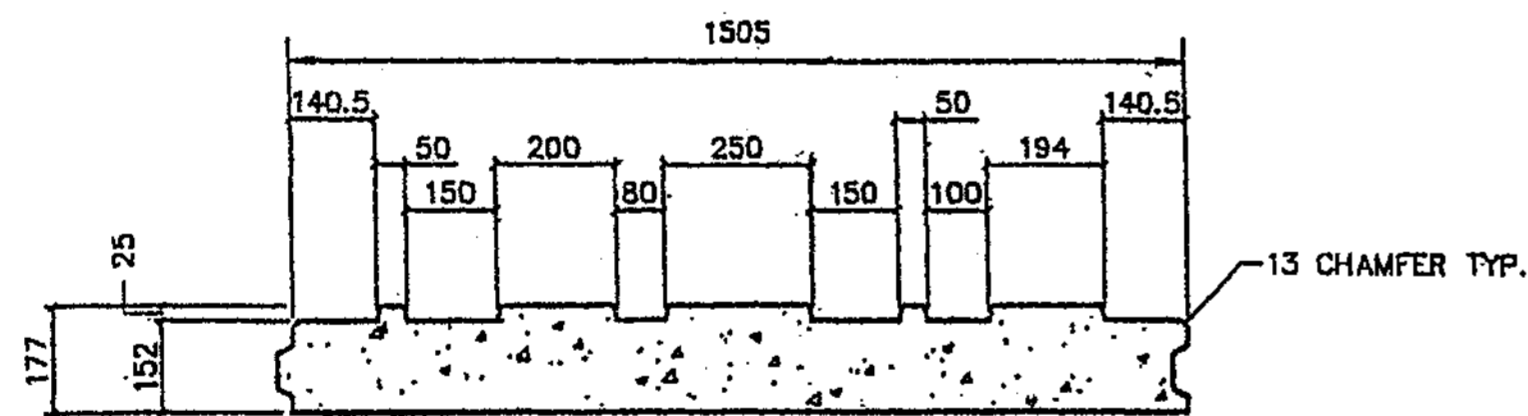
RW45D  
 431D  
 1152 SHEETS

:2004Client Drawings\SSL-405, Bellevue\11-21-02\11-21-02.dwg, 11/21/2002 9:28:50 AM, DiemT, 11/21/2002



**TYPE 'C' ARCHITECTURAL PANEL DETAIL**

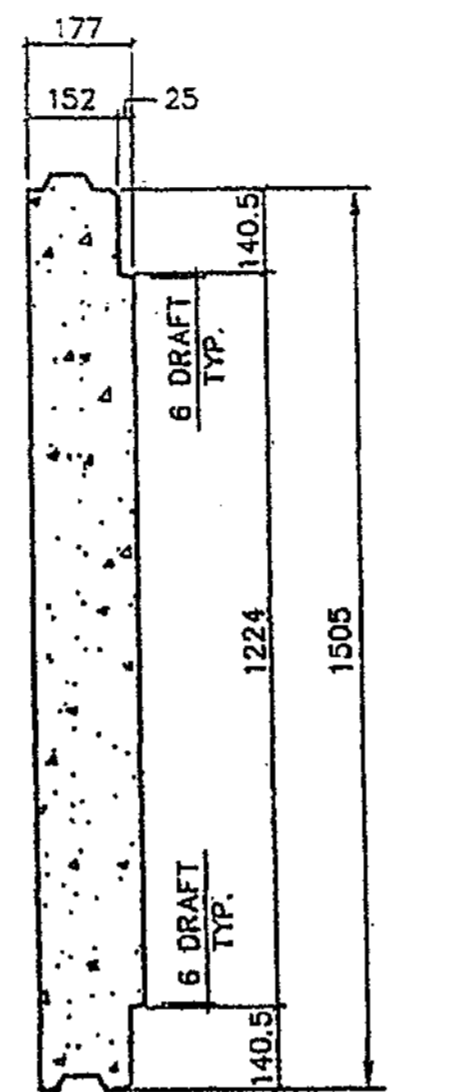
(FRONT FACE SHOWN)  
TYPE "F" = TYPE "C" ROTATED 180°



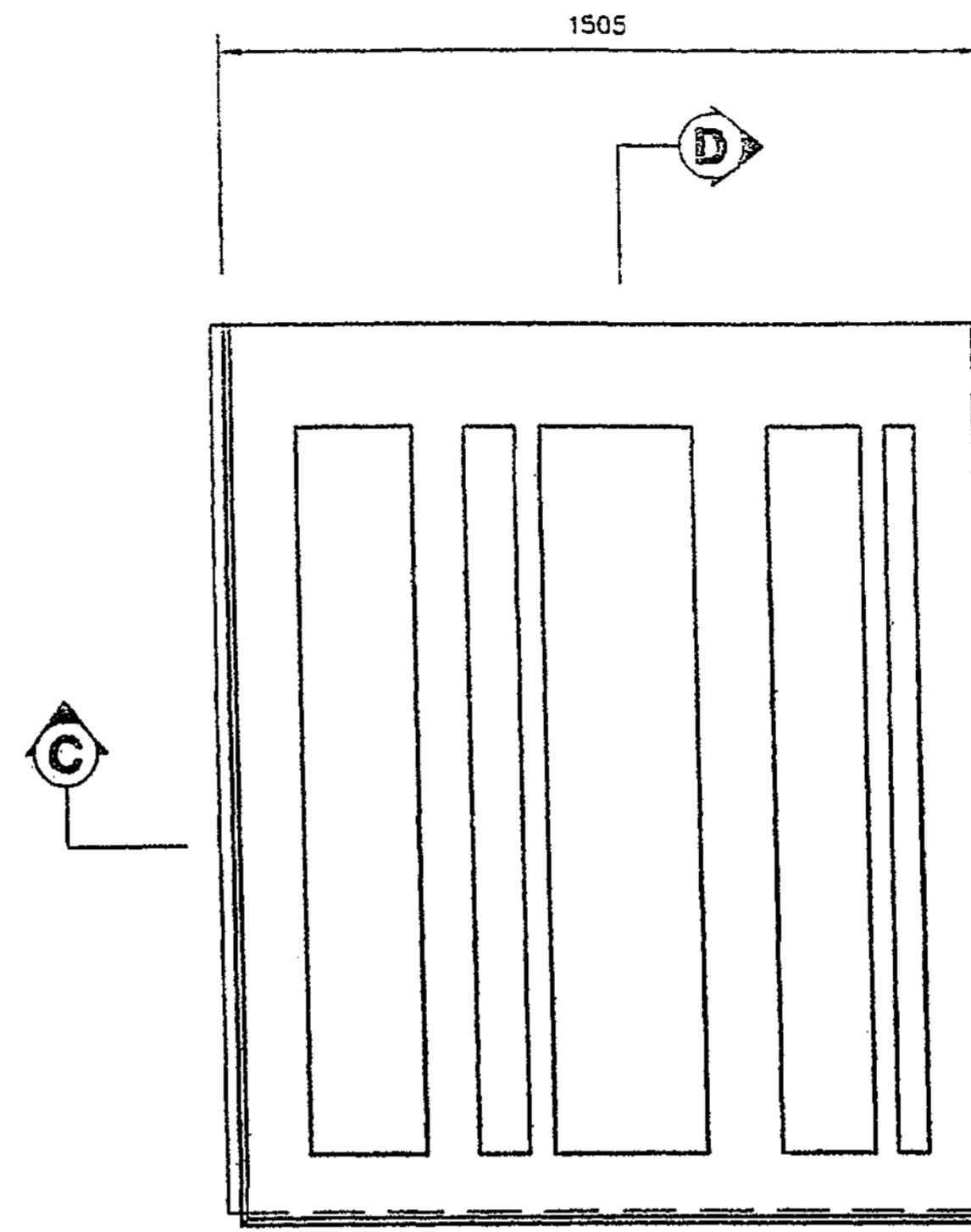
**SECTION A-A**  
NOT TO SCALE

FORMLINER "C" TO BE USED ON TYPE "C", "XC" AND "T4" PANELS.

FORMLINER "F" TO BE USED ON TYPE "F" AND "XF" PANELS.

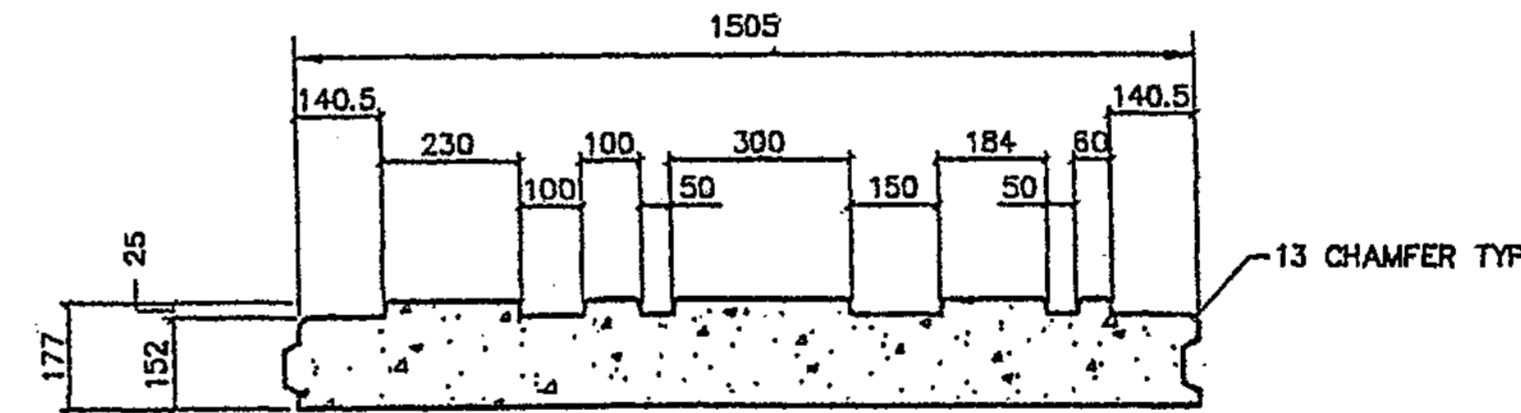


**SECTION B-B**  
NOT TO SCALE

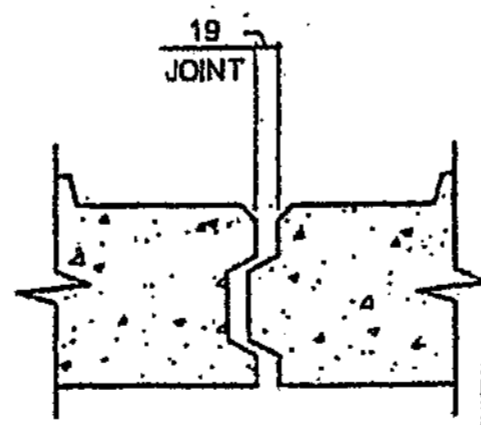


**TYPE 'T6' ARCHITECTURAL PANEL DETAIL**

(FRONT FACE SHOWN)



**SECTION C-C**  
NOT TO SCALE



**JOINT DETAIL**  
NOT TO SCALE

CONTR. NO. C-6549  
FORMLINER "T6" TO BE USED ON TYPE "T6" PANELS ONLY.

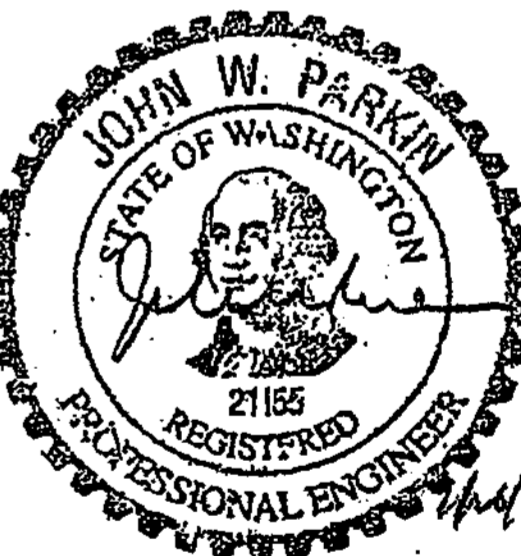
OFFICE COPY  
CHKD. BY McW  
DATE 1/30/04

**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**

**APPROVED**

WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
BY: CONSTRUCTION SUPPORT ENGINEER

DATE JAN 31 2004



THE DESIGN OF ALL MSE PLUS® WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS® RETAINING WALLS AND THE PROJECT BID DOCUMENTS.

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS® STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

DATE	7/22/03
SCALE	1:10
DRAWN BY	JST
JOB	03-014
SHEET	RW3A
SHEET OF	OF

**Just Drafting Services**  
11414 1st Ave. SE  
Bellevue, WA 98007  
Phone: (206) 251-0000  
Fax: (206) 251-0000

**SSL**  
Specializing in Construction Products  
11414 1st Ave. SE, Suite 200  
Bellevue, WA 98007  
Phone: (206) 251-2222  
Fax: (206) 251-1000

**ADDITIONAL PANEL FINISH DETAILS**  
1-405 BELLEVUE DIRECT ACCESS  
SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
FED. AID PROJECT No. SIP-01-405(843)

DESIGNED BY	F. CAHILL	12/02				
ENTERED BY	H. TRAN	12/02				
CHECKED BY	I. HASAYEN	12/02				
PROJ. ENGR.	D. CIERI	12/02				
REGIONAL ADM.	D. DYE	12/02				
DATE	DATE	REVISION	BY			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

**FOR "AS CONSTRUCTED PLANS" ONLY**



1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
Ret walls BAS east & BAN west

SHEET NO. RW 45E  
431E  
1152  
SHEETS



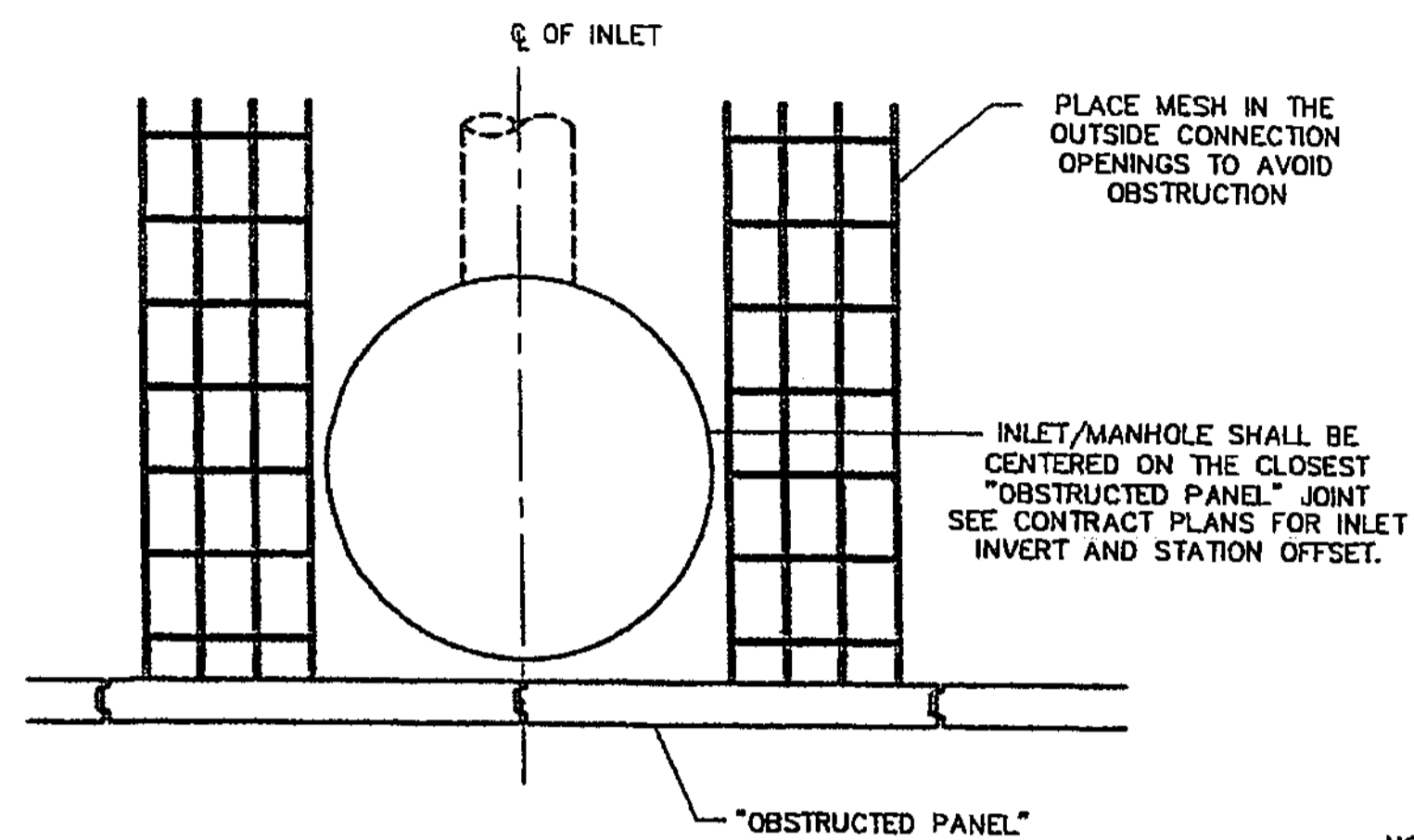


c:\pwtemp\dms00355\4s004\_c2.dgn

PLOT4

11/21/2002 09:28:50 AM

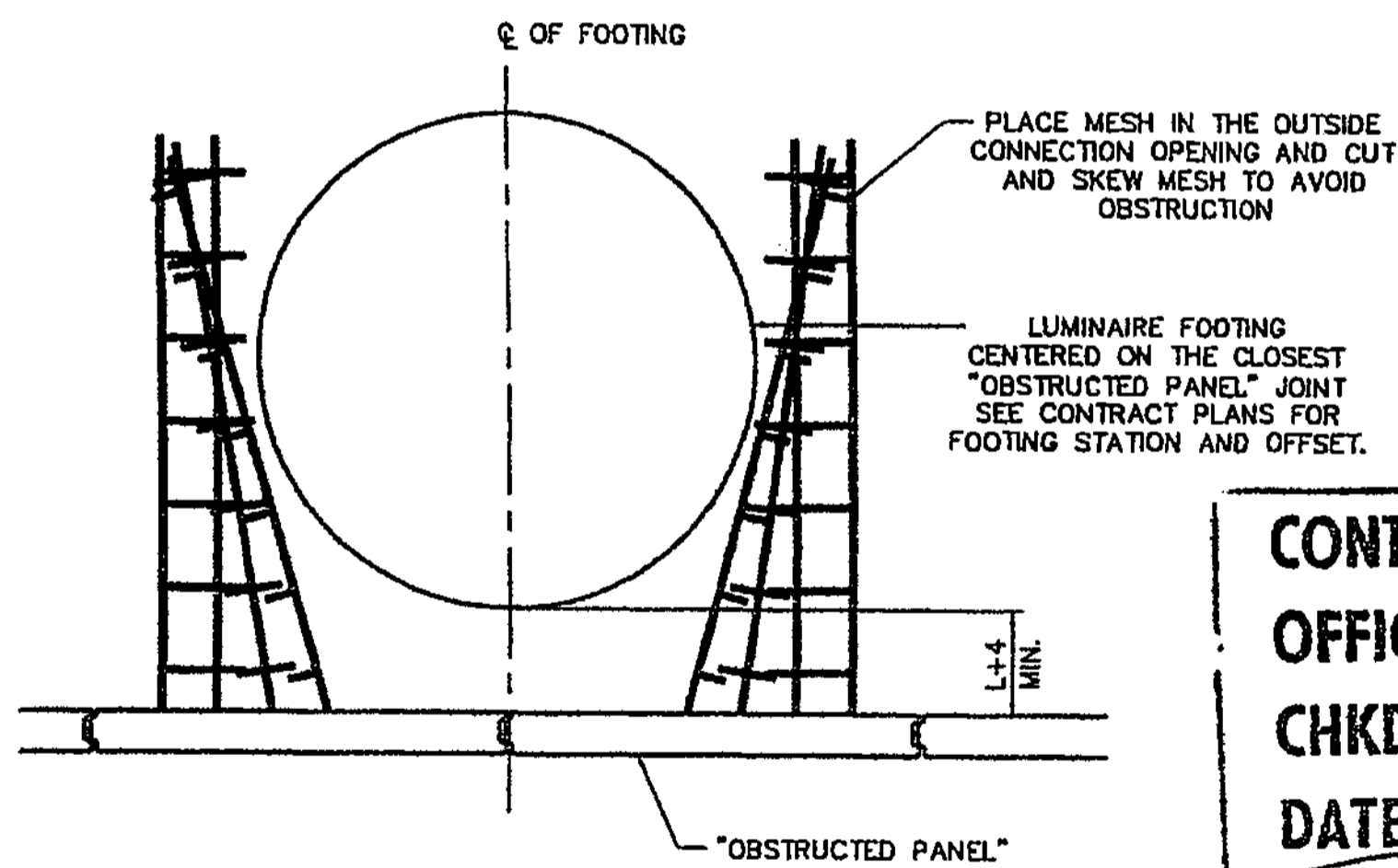
D:\emT



**DRAINAGE OBSTRUCTION DETAIL (PLAN)**

**NOTES:**

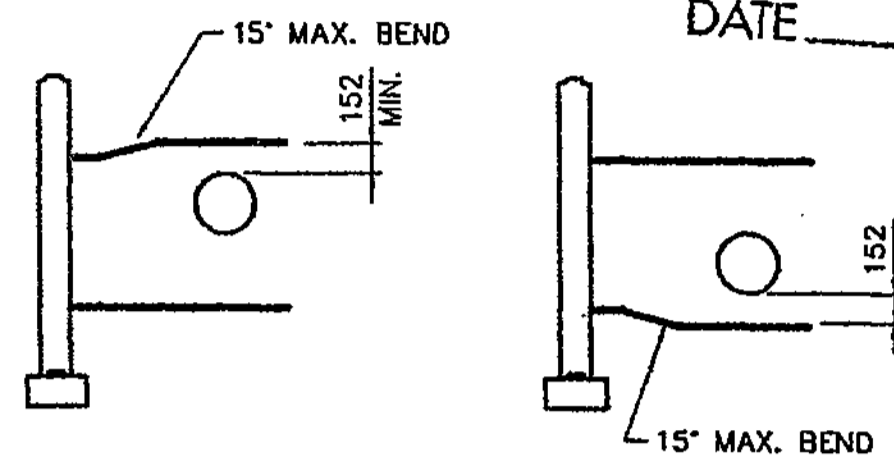
SEE CONTRACT PLANS FOR ALL DETAILS NOT SHOWN.  
OBSTRUCTION SHALL BE CONSTRUCTED BEFORE WALL INSTALLATION OR, VOID FORMER SHALL BE INSTALLED DURING BACKFILL PLACEMENT, VOID FORMER NOT SUPPLIED BY SSL.



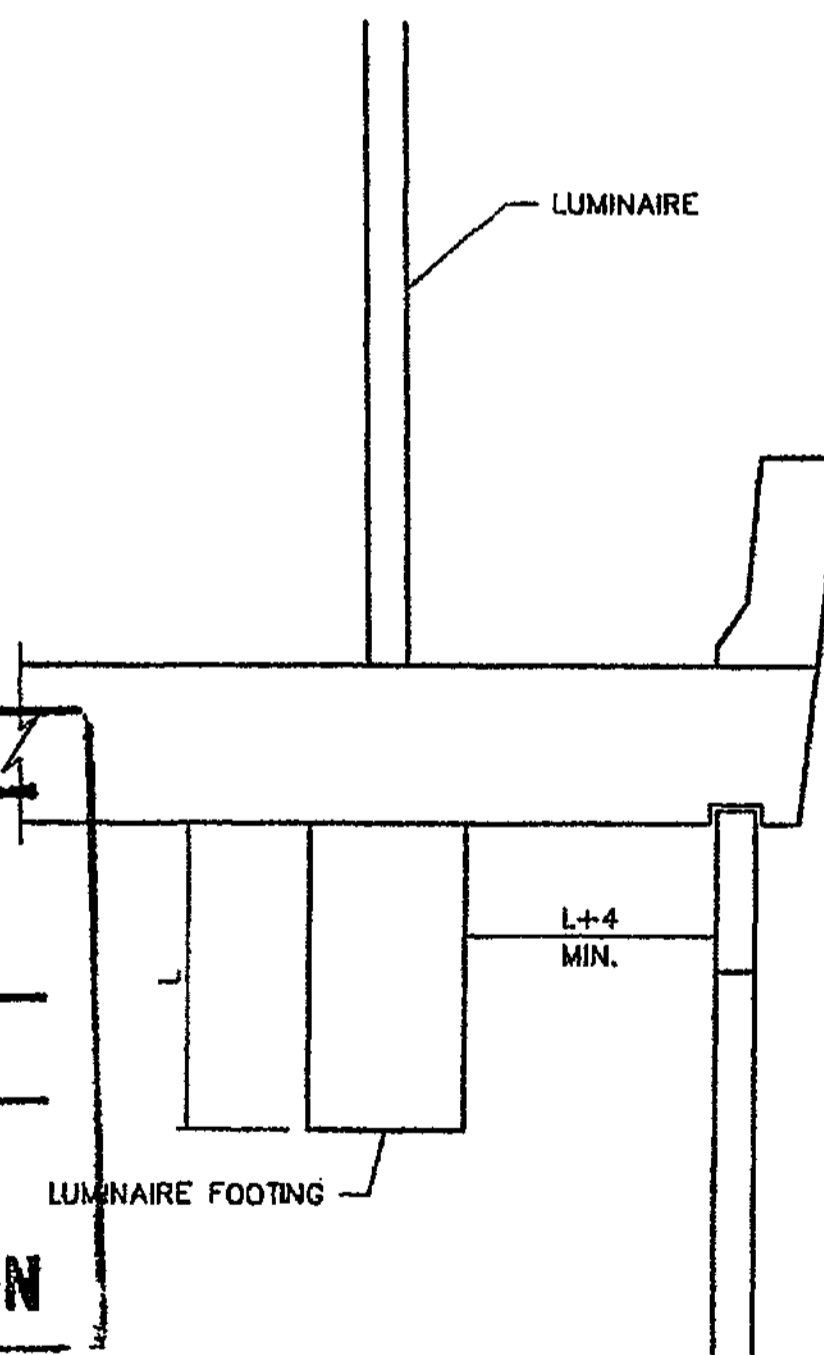
**LUMINAIRE FOOTING DETAIL (PLAN)**

**NOTES:**

SEE CONTRACT PLANS FOR ALL DETAILS NOT SHOWN.  
OBSTRUCTION SHALL BE CONSTRUCTED BEFORE WALL INSTALLATION OR, VOID FORMER SHALL BE INSTALLED DURING BACKFILL PLACEMENT, VOID FORMER NOT SUPPLIED BY SSL.



**DRAINAGE OBSTRUCTION DETAIL (HORIZONTAL)**



**LUMINAIRE FOOTING DETAIL (ELEVATION)**

CONTR. NO. C-6549  
 OFFICE COPY  
 CHKD. BY M. Wood  
 DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**

**APPROVED**  
 WASHINGTON STATE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURES OFFICE  
 BY: CONSTRUCTION SUPPORT ENGINEER  
 DATE JAN 31 2004

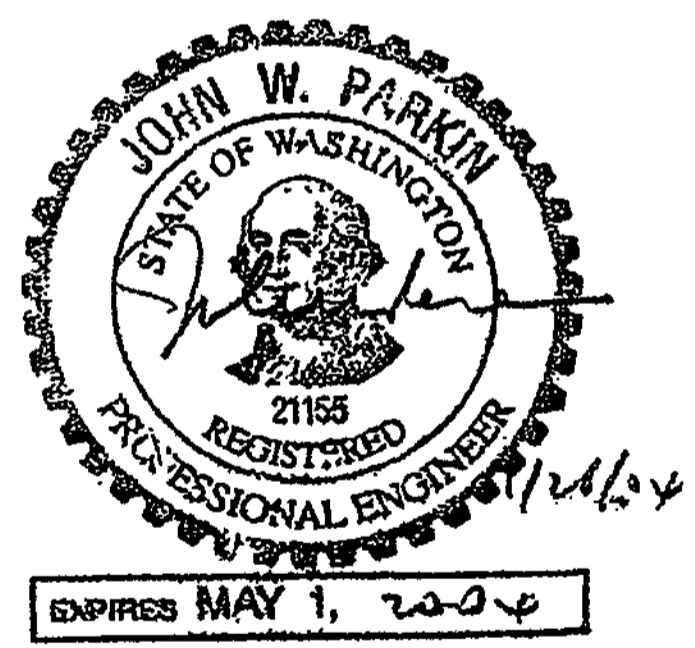
NO.	DATE	BY
1/1/04		APD (HARVEY) RYAN
		REVISION



**JUST Drafting**  
 Services  
 11025 16th Ave  
 Everett, WA 98201  
 Phone: (425) 250-0000  
 Fax: (425) 250-0000

**SSL**  
 Specializing in Construction Products  
 200 N. 4th St., Suite 200  
 Everett, WA 98201  
 Phone: (425) 250-0000  
 Fax: (425) 250-0000

**OBSTRUCTION DETAILS**  
 I-405 BELLEVUE DIRECT ACCESS  
 SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
 FED. AID PROJECT No. STP-JL-4053(843)



THE DESIGN OF ALL MSE PLUS<sup>SM</sup> WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS<sup>SM</sup> RETAINING WALLS AND THE PROJECT BID DOCUMENTS

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS<sup>SM</sup> STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

Date:	1/22/03
Scale:	1 : 10
Drawn By:	ST
Job:	03-014
Sheet:	<b>RW12</b>
Sheet	of

DESIGNED BY	F. CAHILL	12/02							
ENTERED BY	H. TRAN	12/02							
CHECKED BY	I. HASAYEN	12/02							
PROJ. ENGR.	D. CIERI	12/02							
REGIONAL ADM.	D. DYE	12/02							
DATE	DATE	REVISION	BY	REGION NO.	STATE	FED. AID PROJ. NO.	JOB NUMBER	CONTRACT NO.	NG
				10	WASH		02A012		

**FOR "AS CONSTRUCTED PLANS" ONLY**



I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

Ref walls BAS east  
 & BAN west

RW459  
 4319  
 1152 SHEETS



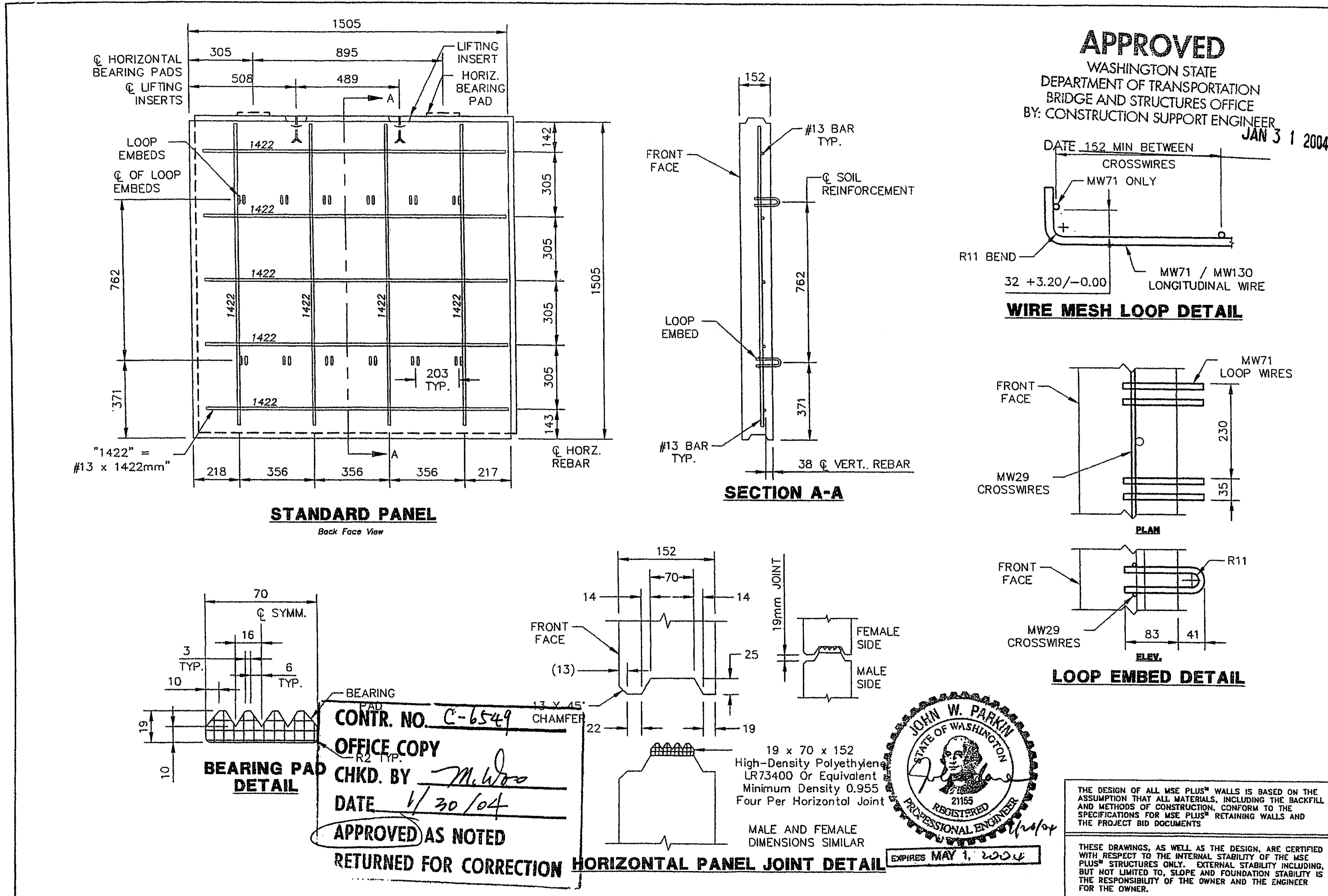
c:\pvt\temp\dms00355\45004\_c2.dgn

PLOT4

11/21/2002 09:28:50 AM

D:\em

\\s2004\c:\temp\drawing\45004\45004\_c2.dwg, 11/21/2002 9:28:50 AM, 11/21/2002 9:28:50 AM, 11/21/2002 9:28:50 AM



**APPROVED**  
WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
BY: CONSTRUCTION SUPPORT ENGINEER  
JAN 31 2004

NO.	DATE	REVISION	BY



**JUST Drafting Services**  
13330 Hwy 101  
Covington, WA 98007  
Phone: (360) 835-1200  
Fax: (360) 835-1201

**SSL**  
Specializing in Construction Products  
seattle wire mesh products  
1714 South Valley Rd., Suite 100  
Bellevue, WA 98007-1122  
Phone: (206) 835-1200  
Fax: (206) 835-1201

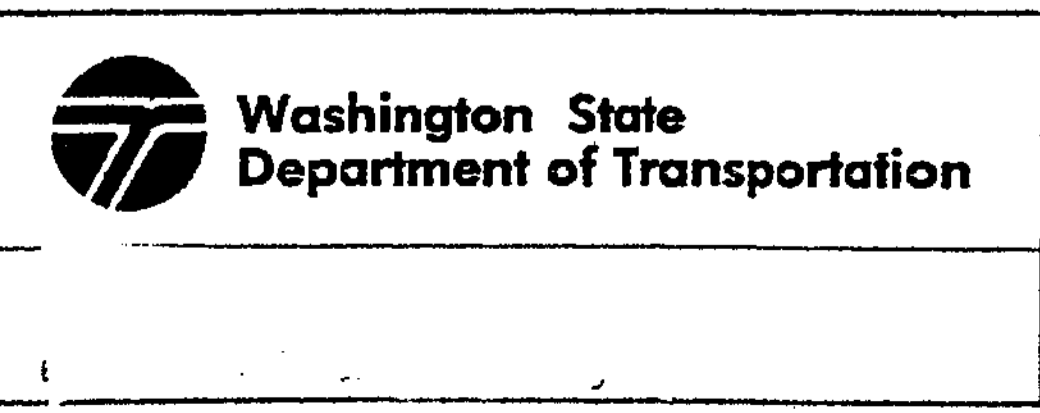
STANDARD DETAIL SHEET 1 OF 2  
I-405 BELLEVUE DIRECT ACCESS  
SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
FED. AID PROJECT No. STP-UJ-4053(643)

Date: 7/2/03  
Scale: 1 : 10  
Drawn By: JT  
Job: 03-014  
Sheet: RW13  
Sheet of

DESIGNED BY	F. CAHILL	12/02
ENTERED BY	H. TRAN	12/02
CHECKED BY	I. HASAYEN	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

**FOR "AS CONSTRUCTED PLANS" ONLY**



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RW 45H  
Ret walls BAS east  
& BAN west  
4/31/04  
1152 SHEETS





**ERECTION SEQUENCE**

**Site Preparation** The area where the MSE PLUS™ wall is to be placed should be graded level, to a width equal to the length of the reinforcing mesh plus 152mm, or to contract specifications. Any unsuitable materials should be removed and replaced with select backfill and compacted according to the contract specifications.

**Construction of the Concrete Leveling Pad** Construct the leveling pads along the lines and grades shown on SSL's working drawings. Cure the concrete at least 12 hours prior to the setting of the facing panels.

**Erection of the Base Line of Panels** It must be emphasized that care should be exercised in the alignment and leveling of the first course or base line of panels.

This will insure the aesthetics of the wall and also increase production of the erection of subsequent courses.

a) The first step in the erection of the base line is to establish the starting point. If a working point is shown on the drawings, or if the wall matches an existing structure, this would be the starting point. If neither of these are the case, then begin the erection on the footing with the lowest elevation.

b) The second step is to establish a face of wall line. This line should be snapped on the concrete leveling pad with a chalk line. The method for establishing reference points for this will be left to the discretion of the contractor.

c) Third, place the beginning half panel with the outside face on the wall line shown in the approved working drawings. The panel is then leveled with a 1.5M level and battered to the fill side approximately 18mm in 1.5M. This batter of 18mm is to compensate for backfill compaction effort and will vary with the nature of the backfill material. The actual amount of batter can be determined only by trial and error.

d) The second panel is then placed adjacent to the beginning half panel. The third panel is then set. Check the vertical joint spacing between panels and adjust to between 18mm and 19mm, or as stated in specifications. Level and check the height between the panels.

e) Adjust the panels with wedges or spacers to achieve approximately ±10mm batter from point of full panel to top face of partial panel.

f) Check batter and level of these panels before proceeding. Continue panel erection.

g) Brace all of the full panels with kickers on the outside face. The batter should be checked before nailing. Clamp the smaller panels to the larger panels. The base course must be clamped and braced to maintain alignment and batter. No bracing will be required on subsequent courses. See details in Figure 1.

h) Glue the filter cloth to the back face of the panels over the joints. Using no more than a 5mm adhesive bead to hold the filter fabric to the panel while backfill is being placed. (Fig. 2)

i) Place approved backfill to the level of the first row of loop connectors. (Fig. 3) Do not place the first lift of backfill directly against the panels. Compact the zone within 914mm of the back of the wall facing panel without causing damage to or distortion to the wall facing panels by using light mechanical tampers approved by the Engineer.

j) Attach mesh to panels with the pin connectors provided. Align the loop on the mesh with the loop embeds on the panel. Insert the pin connector rod through 3 loop embeds and mesh loops. Repeat this step for the other 3 loop embeds.

k) The next lifts of backfill are then placed (the thickness determined by specifications). Fill and compact up to the top of the smaller panel as shown in Figure 4. Overlapping mesh requires 75mm of fill between layers. Compaction tests should not be taken within 914mm of the panels.

**Erection of Subsequent Courses -**

a) Glue the 19mm preformed bearing pads on top of the smaller panels and then place the second row of panels. (Fig. 5)

b) If care was taken on the base line, little if any leveling should be required. The batter may be set by using wedges between the clamp and panel or in the horizontal panel joint.

c) Place filter cloth on back face of panels. (Fig. 5)

d) Place the backfill up to the next level of mesh, install the mesh as above, and repeat this sequence for the remaining wall height. Fill may be sloped downward toward the panels within 610mm of the back face if necessary to prevent excessive outward movement when compacting the backfill.

e) Install end and top panels as required.

f) Continue the above procedures until all facing panels are installed.

g) Adjust batter on each lift to achieve individual row tolerance and straightness shown in specifications.

SSL, LLC, IS A CALIFORNIA LIMITED LIABILITY COMPANY SUPPLYING PRECAST CONCRETE PANELS AND ACCESSORIES TO BE USED IN CONJUNCTION WITH OTHER MATERIALS IN THE CONSTRUCTION OF MSE PLUS™ RETAINING WALLS DETAILED TO CONFORM TO THE REQUIREMENTS OF THE OWNER'S CONTRACT DOCUMENTS. THE MSE PLUS™ WALL ERECTION MANUAL FURNISHED TO THE OWNER AND THE WALL CONTRACTOR PROVIDES ONLY A GENERAL EXPLANATION OF THE SYSTEM. THE CONTRACTOR IS SOLELY RESPONSIBLE TO DEVISE AND CARRY OUT A PLAN FOR ERECTION AND ASSEMBLY OF COMPONENTS, WHICH IS PROJECT SPECIFIC. SAID PLAN SHALL PROVIDE FOR UNLOADING, HANDLING, PLACING, AND BRACING COMPONENT MATERIALS WITHOUT RELYING ON THE CONCEPTUAL DRAWINGS AND GUIDELINES PROVIDED BY SSL, LLC. ACKNOWLEDGMENT OF THE RECEIPT AND REVIEW OF THE SSL WALL ERECTION MANUAL DOES NOT RELIEVE THE WALL CONTRACTOR OF RESPONSIBILITY TO COMPLY WITH THE PROJECT SPECIFICATIONS AND DRAWINGS OR STRICT COMPLIANCE WITH ALL FALL PROTECTION, LAWS, SAFETY STANDARDS, AND PROCEDURES DURING THE PERFORMANCE OF JOB SITE WORK. PRECAUTIONS SHALL BE TAKEN TO PROTECT INSPECTORS, SUPERVISION AND TRADESMAN FROM INJURY FROM SHIFTING OR FALLING PANELS DURING ERECTION.

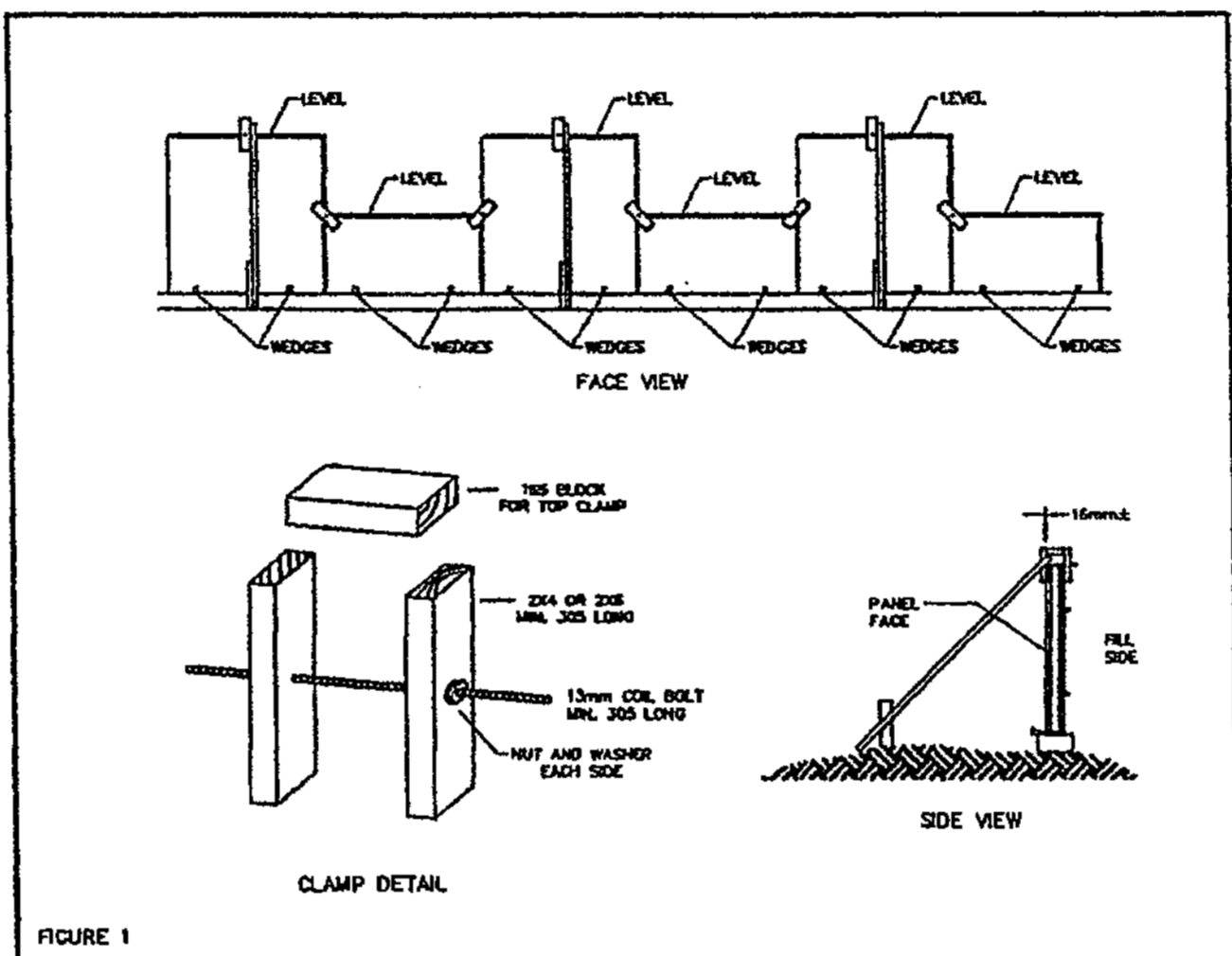


FIGURE 1

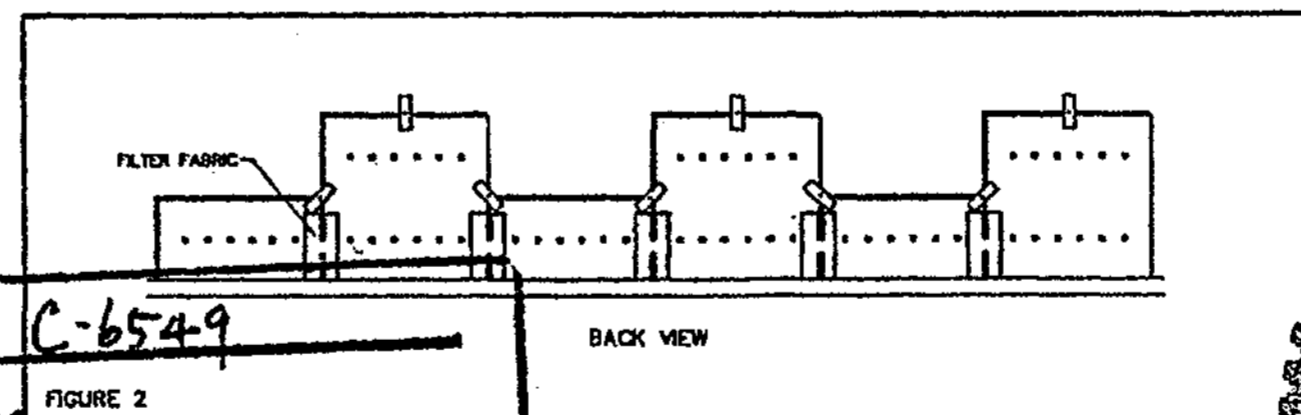


FIGURE 2

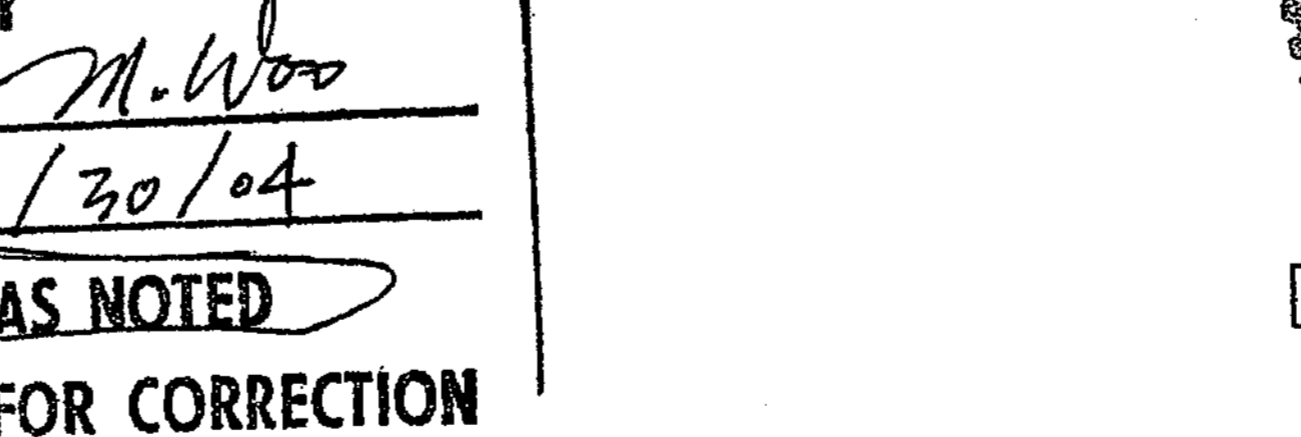


FIGURE 3

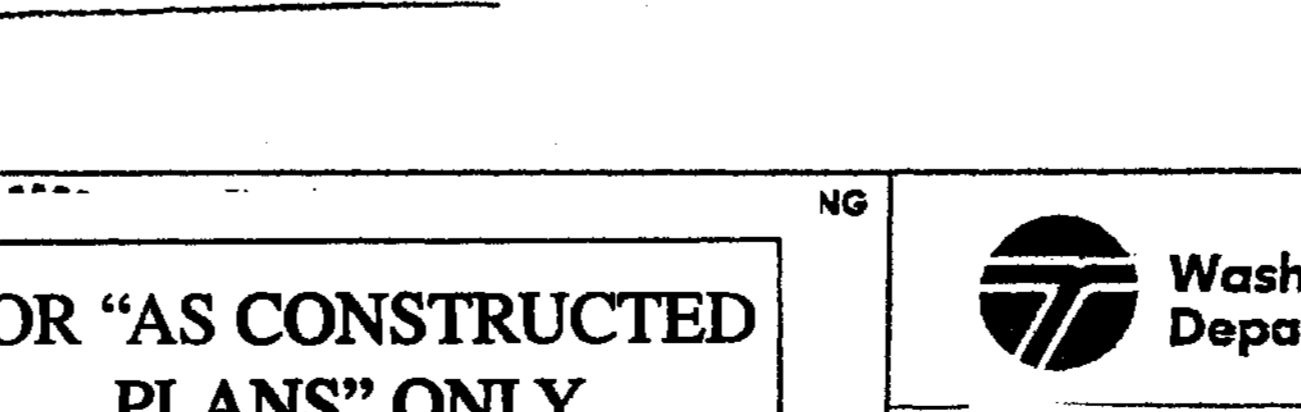


FIGURE 4

**APPROVED AS NOTED**

WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
BY: CONSTRUCTION SUPPORT ENGINEER

DATE JAN 31 2004

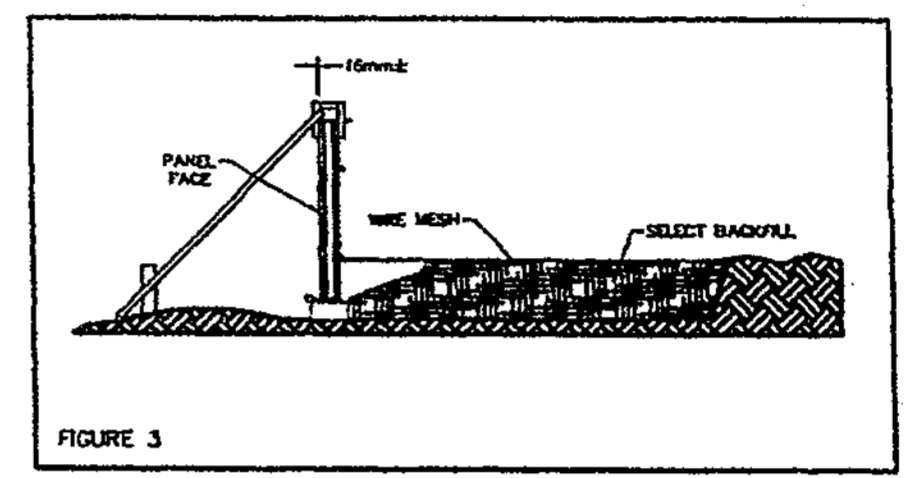


FIGURE 3

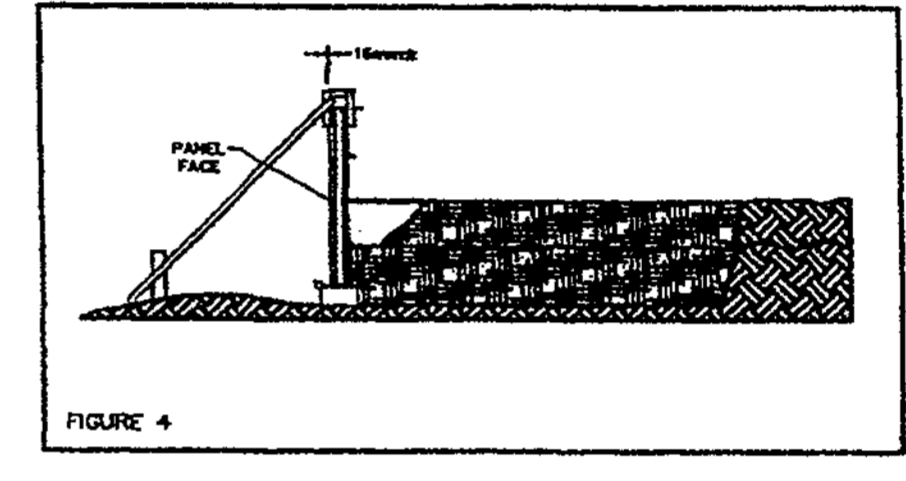


FIGURE 4

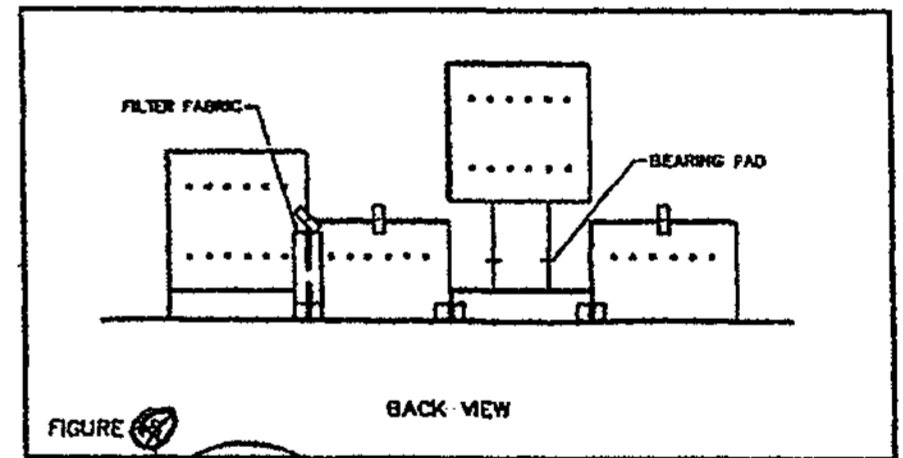
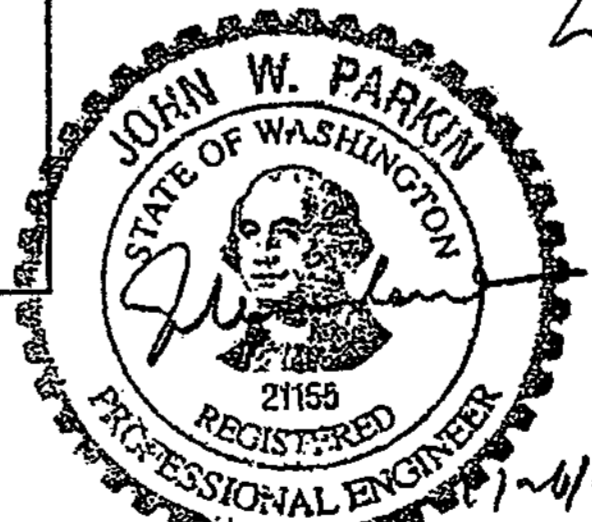


FIGURE 5



EXPIRES MAY 1, 2004

THE DESIGN OF ALL MSE PLUS™ WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS™ RETAINING WALLS AND THE PROJECT BID DOCUMENTS

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS™ STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

BY	
DATE	12/14/02
REVISION	CHANGE 18 515



**JUST Drafting Services**  
11333 Highway 100  
Central, Idaho 83402  
Telephone: (208) 220-2200  
Fax: (208) 220-2201

**SSL**  
Specializing in Construction Products  
10000 West 100th St., Suite 300  
Northridge, CA 91324  
Tel: (818) 341-1100  
Fax: (818) 341-1101

**CONSTRUCTION NOTES**  
1-405 BELLEVUE DIRECT ACCESS  
SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
FED. AID PROJECT No. STP-UJ-4053(BA3)

Date:	7/22/03
Scale:	1 : 10
Drawn By:	ST
Job:	03-014
Sheet:	<b>RW15</b>
Sheet	Of

DESIGNED BY	F. CAHILL	12/02
ENTERED BY	H. TRAN	12/02
CHECKED BY	I. HASAYEN	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION
BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
02A012		
CONTRACT NO.		

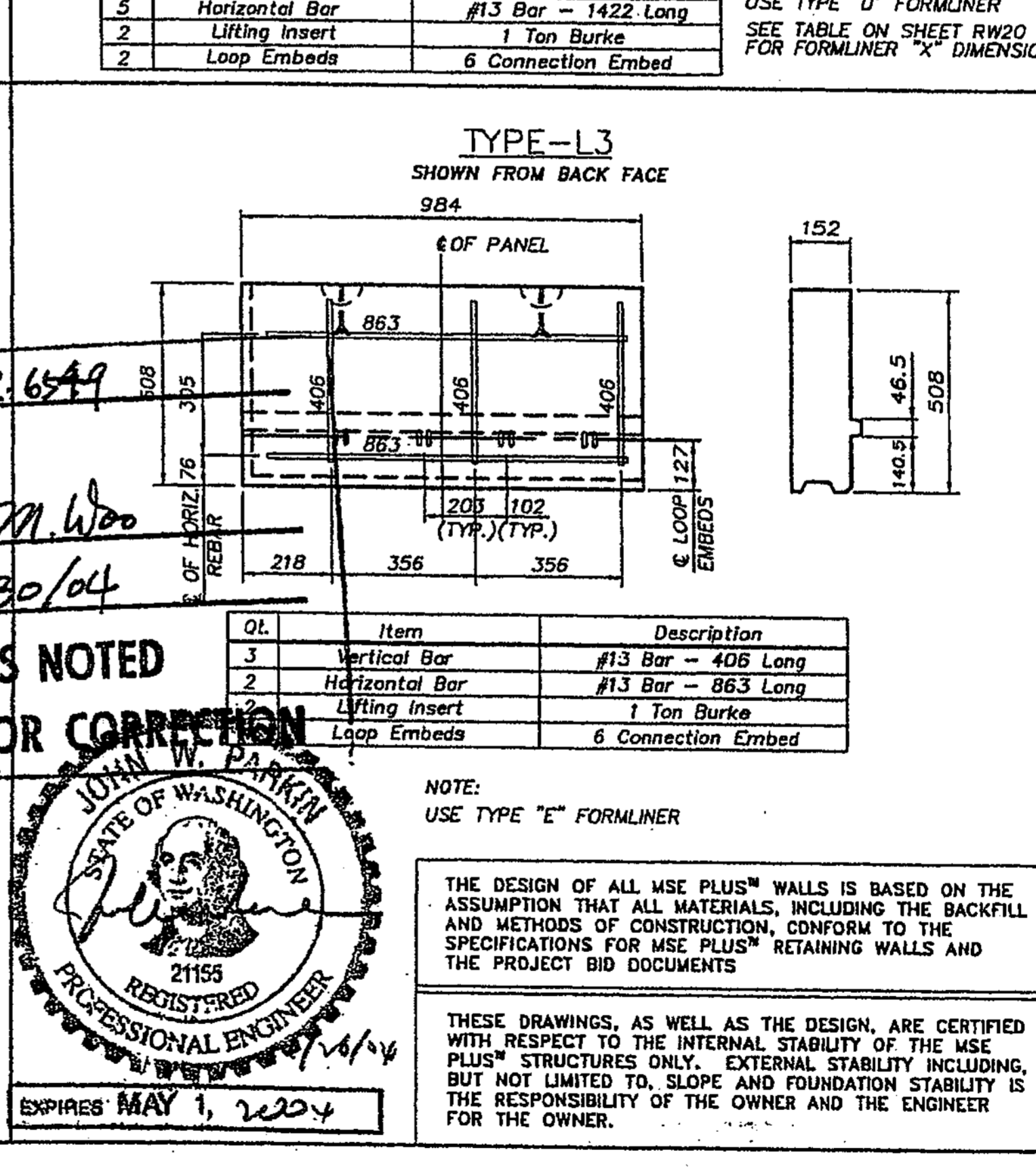
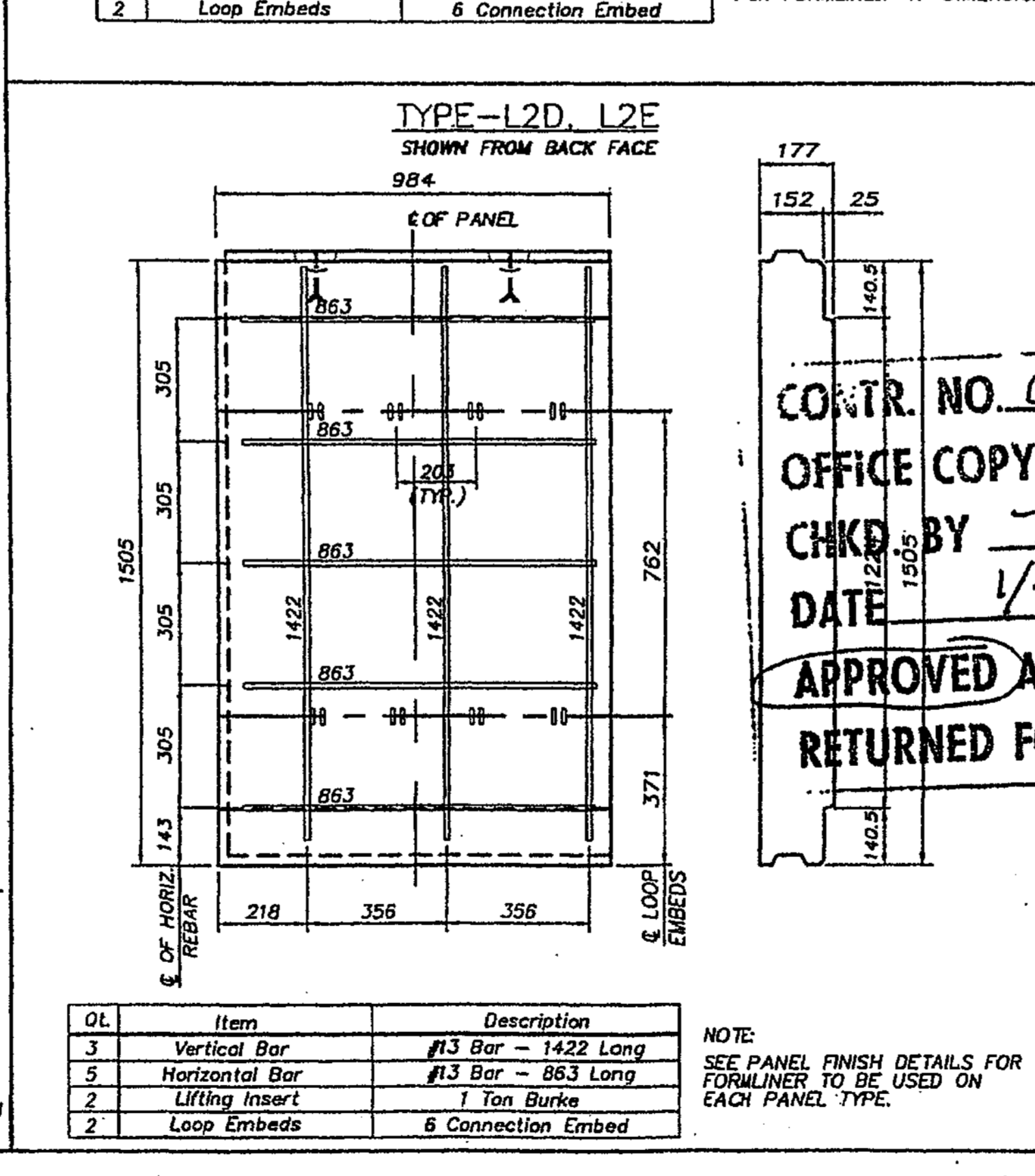
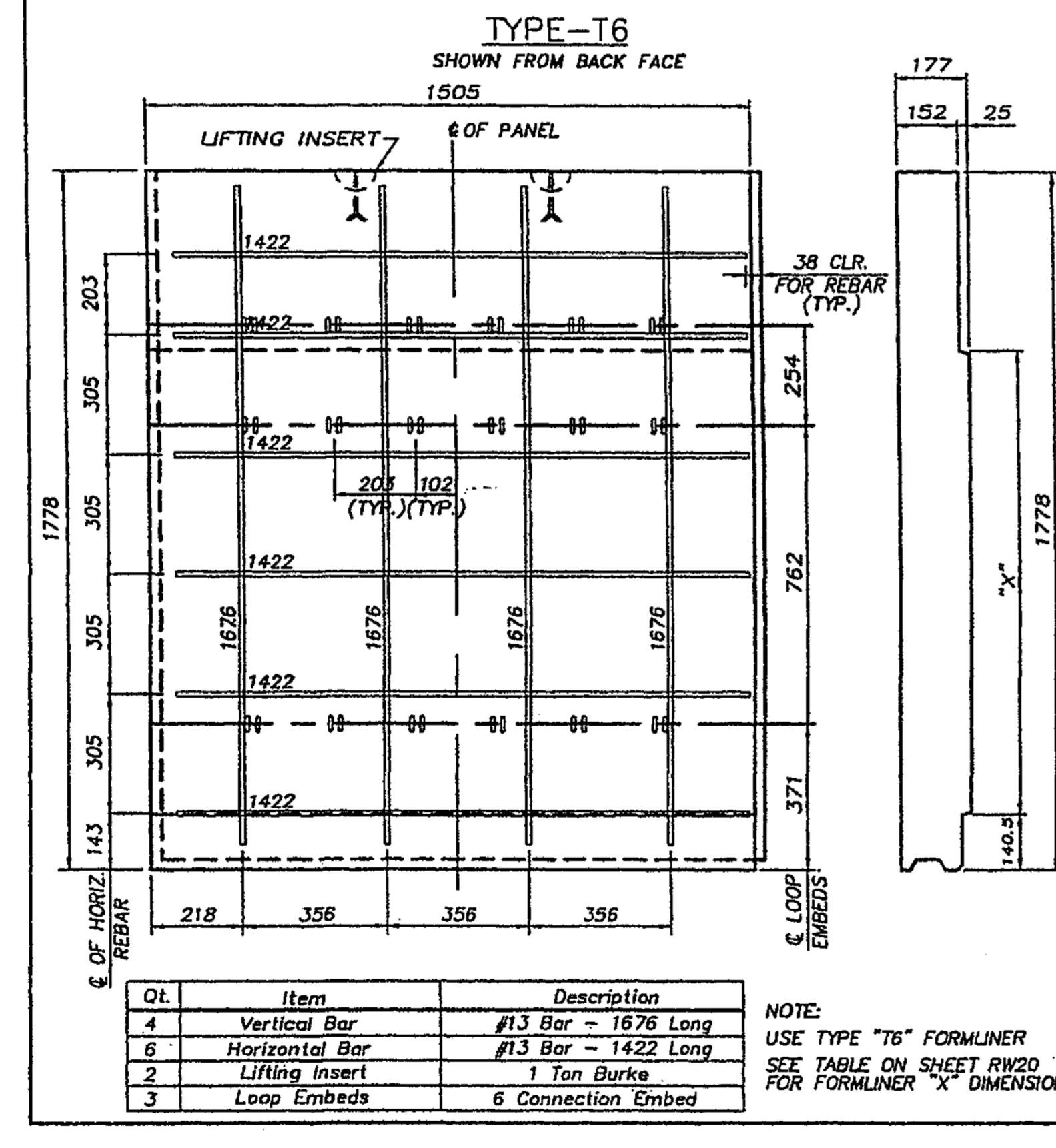
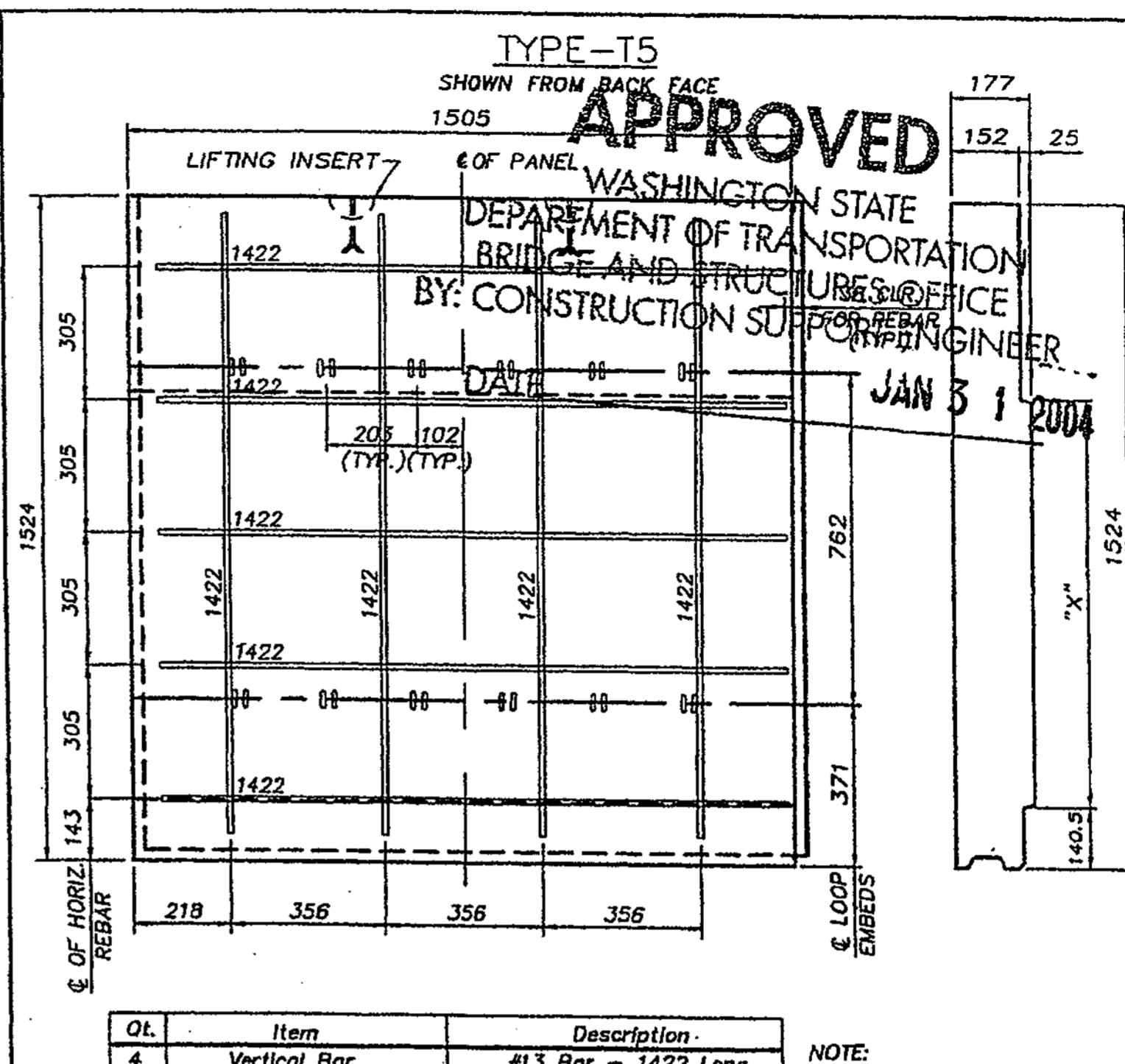
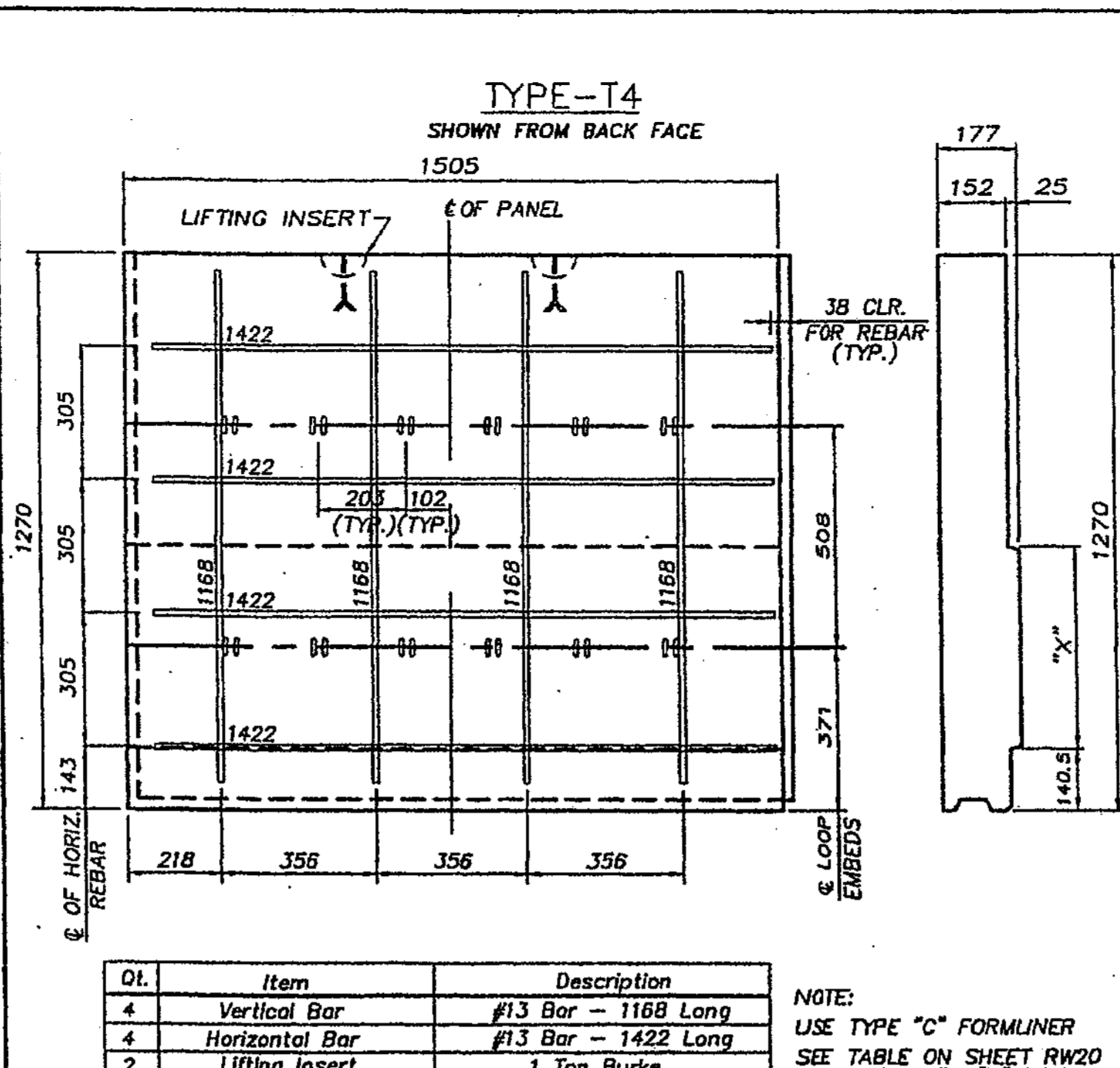
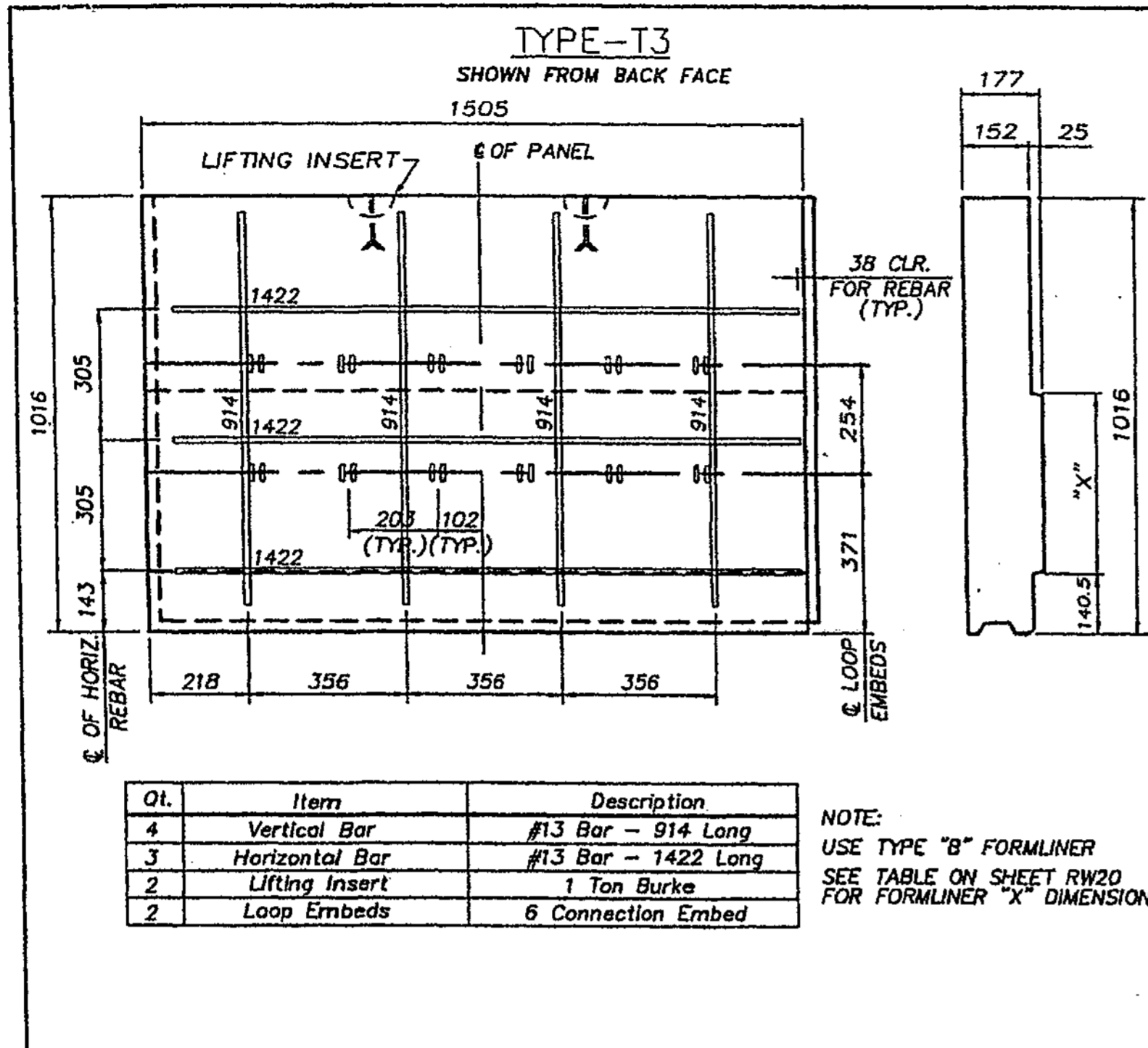
**FOR "AS CONSTRUCTED PLANS" ONLY**



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
Ret walls BAS east  
& BAW west  
RW45J  
431J  
1152 SHEETS







CONTR. NO. C-6549  
OFFICE COPY  
CHKD BY M. Woo  
DATE 1/30/04  
**APPROVED AS NOTED**  
**RETURNED FOR CORRECTION**

**WASHINGTON STATE**  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
BY: CONSTRUCTION SUPPORT ENGINEER

**APPROVED**  
DATE: JAN 31 2004

**JUST Drafting**  
Services  
11300 1st Ave. N.  
Edmonds, WA 98026  
Tel: (206) 765-2000  
Fax: (206) 765-2001

**SSL**  
Specializing in Construction Products  
3000 1st Ave. N.  
Edmonds, WA 98026  
Tel: (206) 765-2000  
Fax: (206) 765-2001

PANEL REBAR DETAILS : 2 OF 5

1-105 BELLEVUE DIRECT ACCESS  
SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
FED. AID PROJECT NO. STP-JL-4053(843)

Date: 1/12/03  
Scale: 1 : 10  
Drawn By: ST  
Job: 03-014  
Sheet: **RW17**  
Sheet of

DESIGNED BY	12/02	12/02	12/02	12/02	12/02
F. CAHILL	H. TRAN	I. HASAYEN	D. CIERI	D. DYE	
ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	DATE	REVISION
					BY

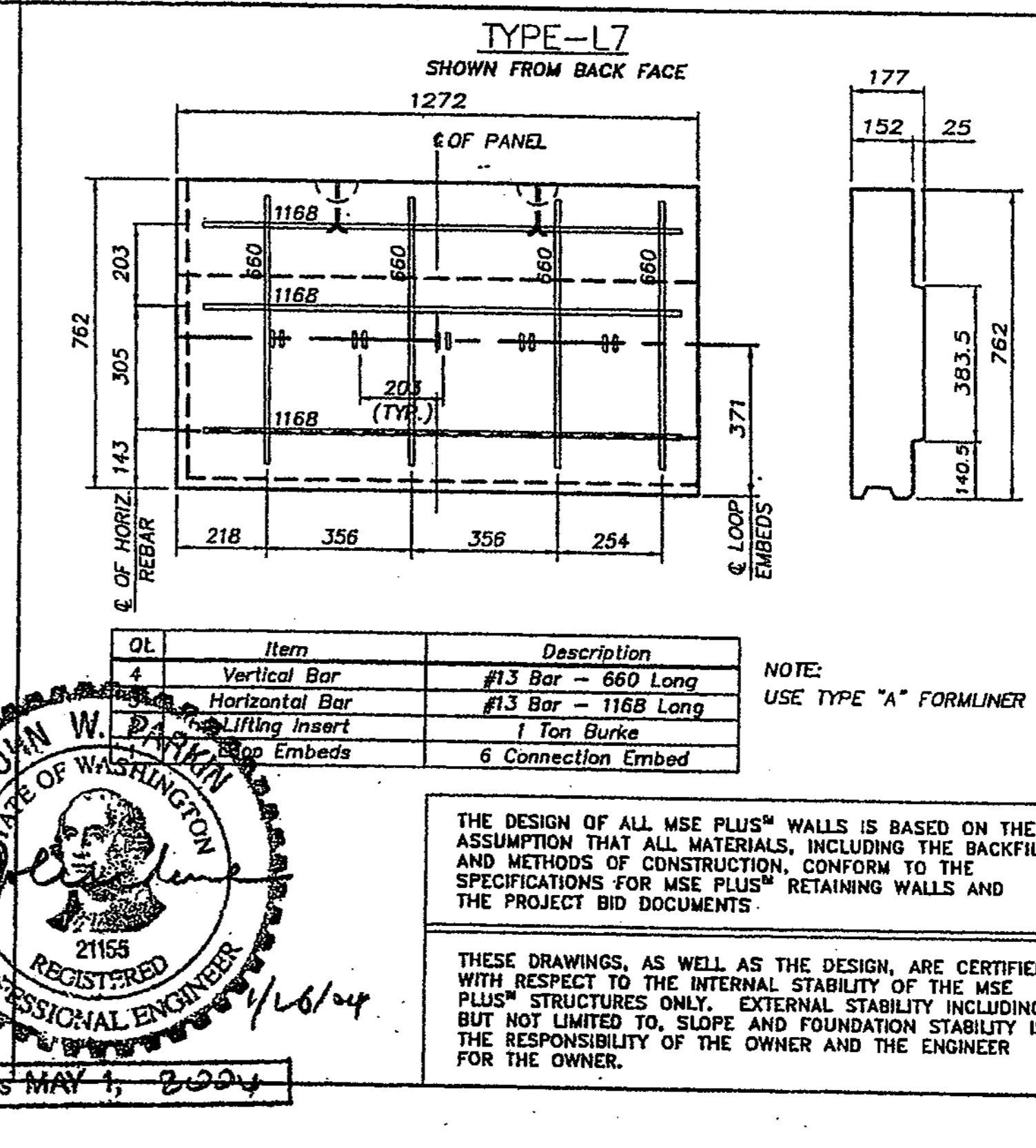
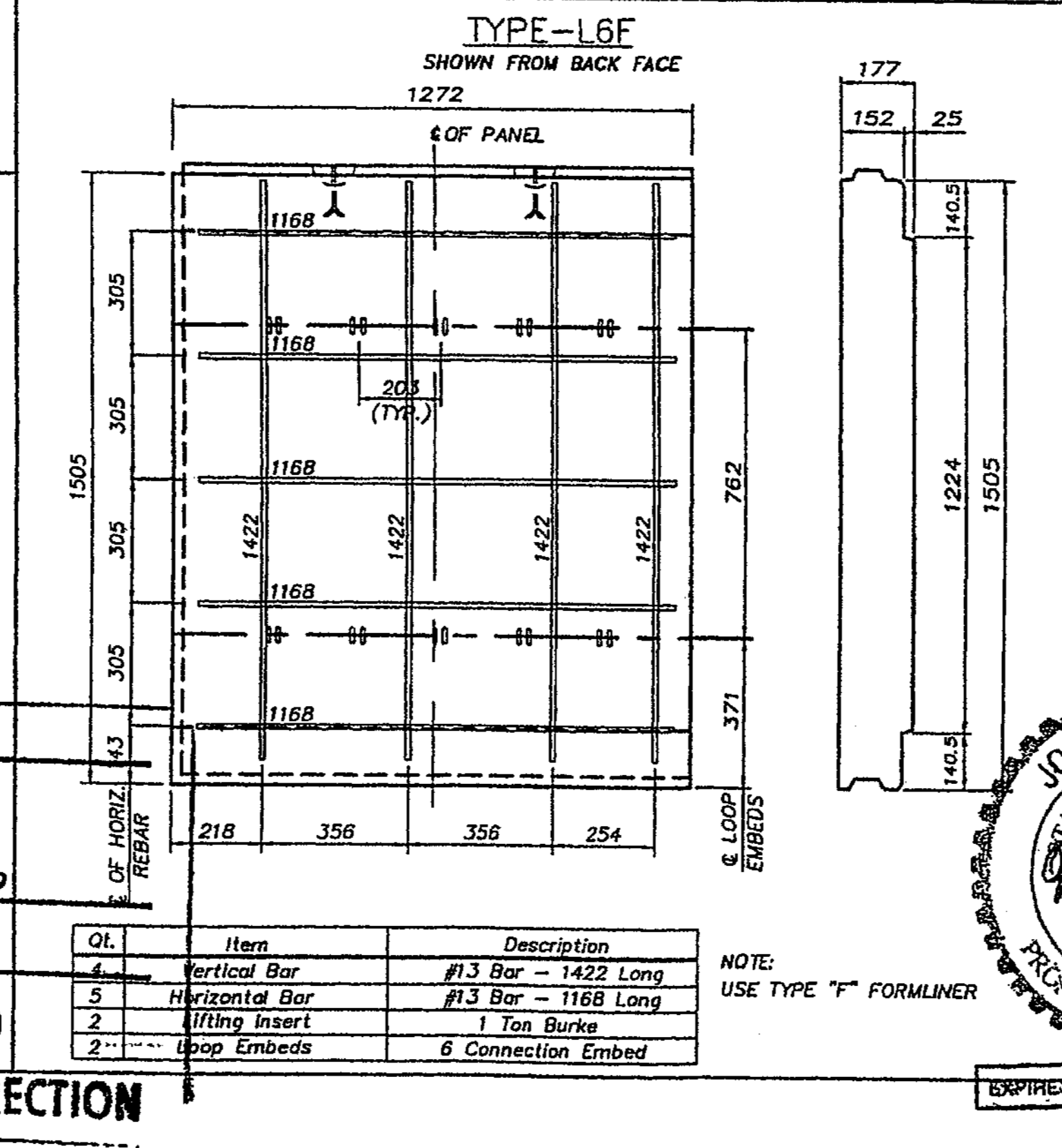
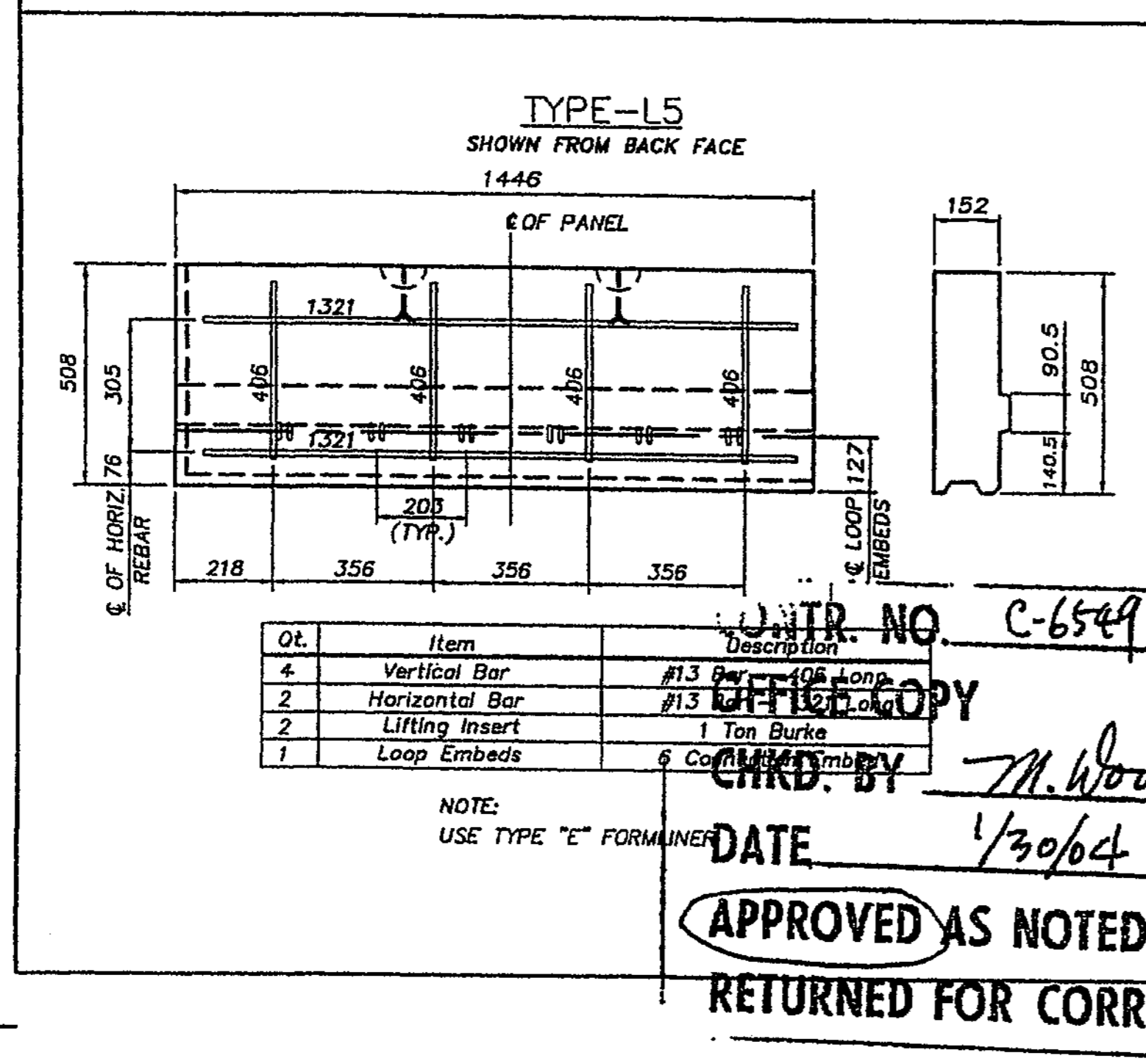
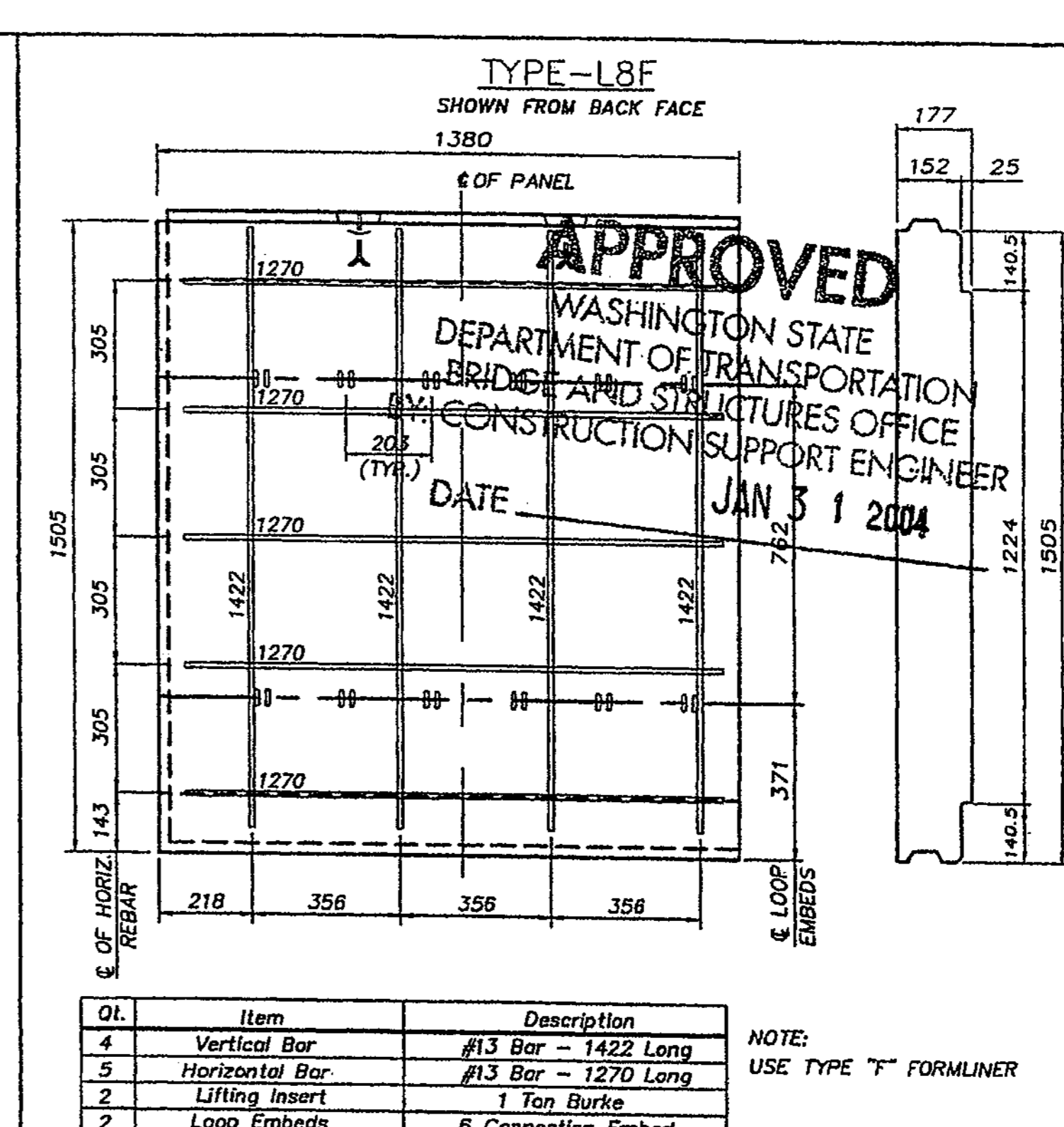
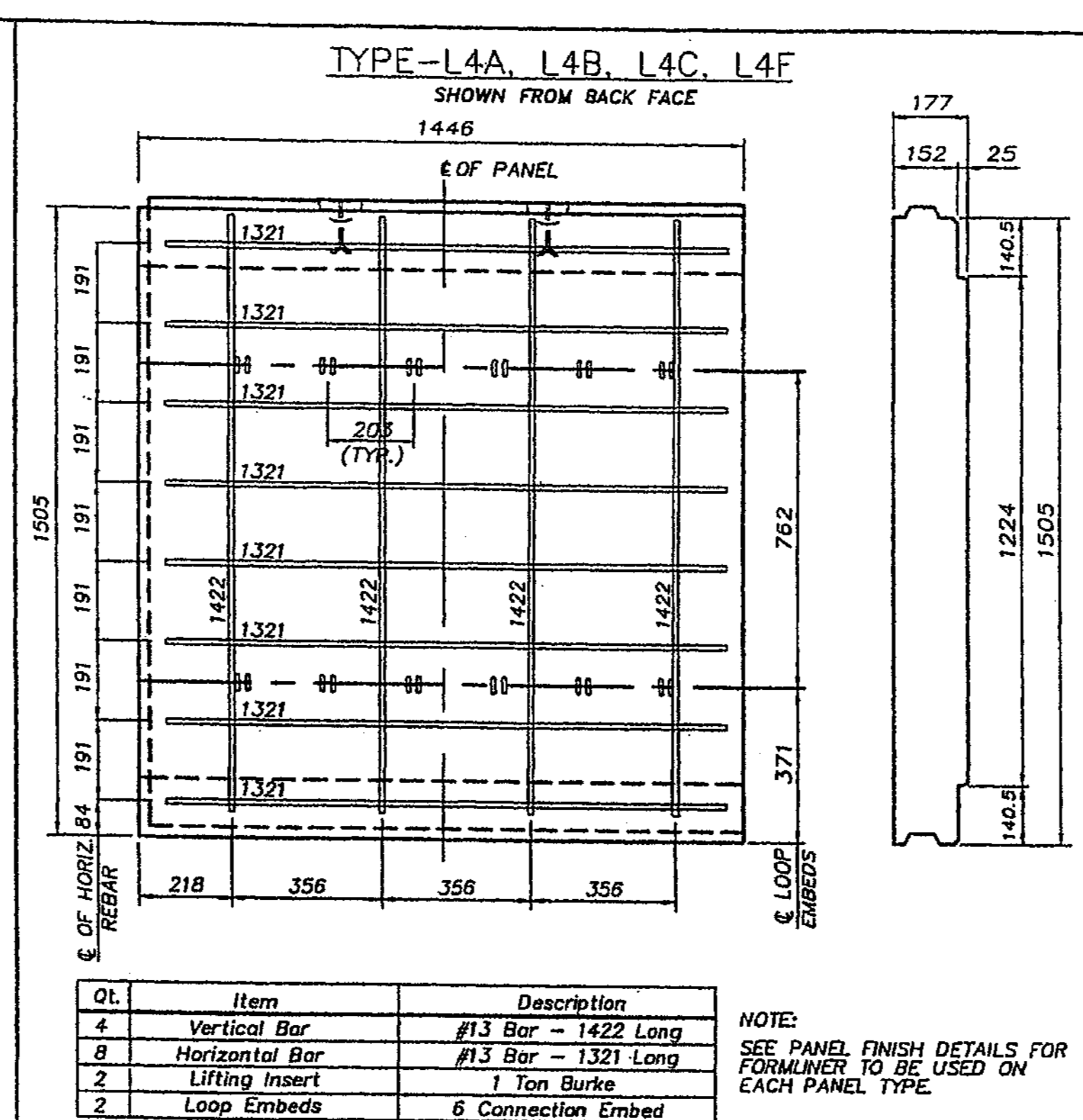
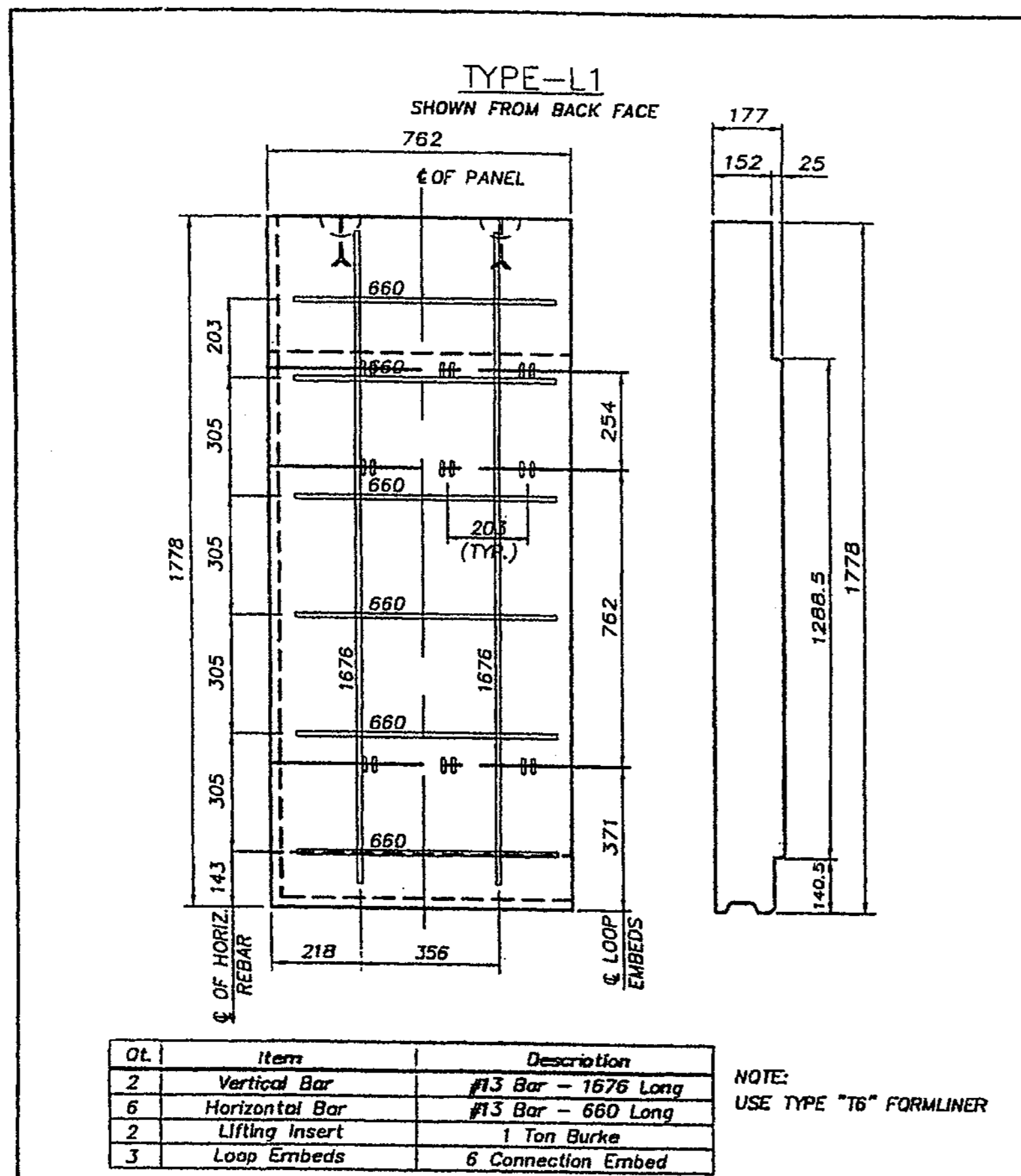
REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

**FOR "AS CONSTRUCTED PLANS" ONLY**

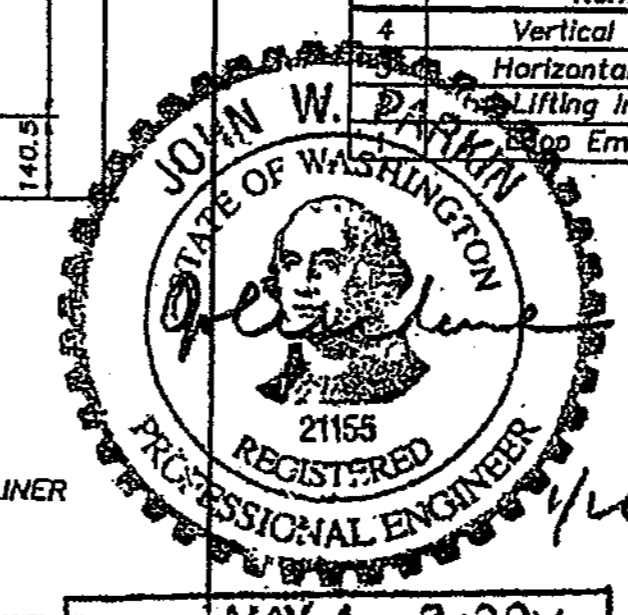
**Washington State**  
Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
Ret wall BAS east  
& BAN WLST

SHEET NO  
**RW454**  
431L  
1152  
SHEETS



**APPROVED**  
WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE AND STRUCTURES OFFICE  
CONSTRUCTION SUPPORT ENGINEER  
DATE: JAN 31 2004



THE DESIGN OF ALL MSE PLUS<sup>SM</sup> WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS<sup>SM</sup> RETAINING WALLS AND THE PROJECT BID DOCUMENTS.

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS<sup>SM</sup> STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

**Just Drafting Services**  
13300 Valley Road  
Clallam Falls, WA 98020  
Phone: 360-338-2277  
Fax: 360-338-2200

**SSL**  
Specializing in Construction Products  
5000 Valley Road  
Clallam Falls, WA 98020  
Phone: 360-338-2277  
Fax: 360-338-2200

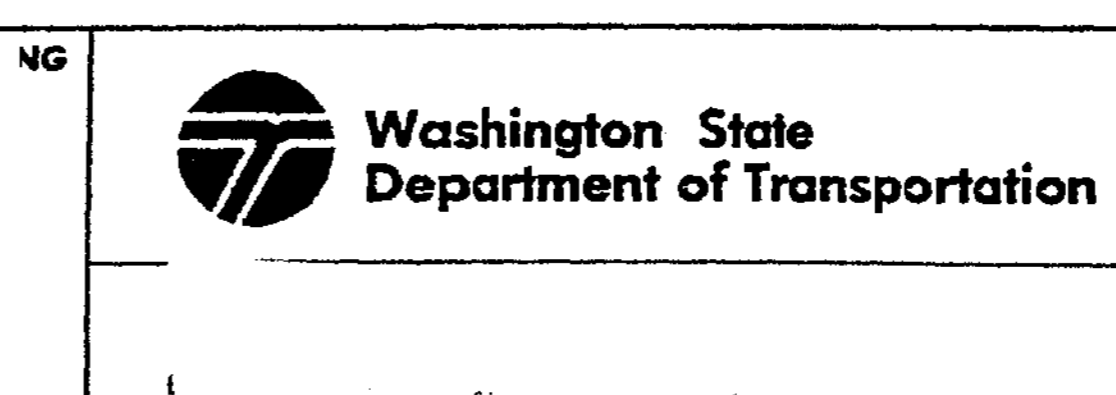
PANEL REBAR DETAILS : 3 OF 5

Date: 1/22/04  
Scale: 1 : 10  
Drawn By: JT  
Job: 03-014  
Sheet: RW18  
Sheet of

DESIGNED BY	12/02	12/02	12/02	12/02	12/02
F. CAHILL	H. TRAN	I. HASAYAN	D. CIERI	D. DYE	
ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	DATE	REVISION
					BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

**FOR "AS CONSTRUCTED PLANS" ONLY**



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

Ret Wall BAS East  
& BAN West

RW45M  
431M  
1152 SHEETS

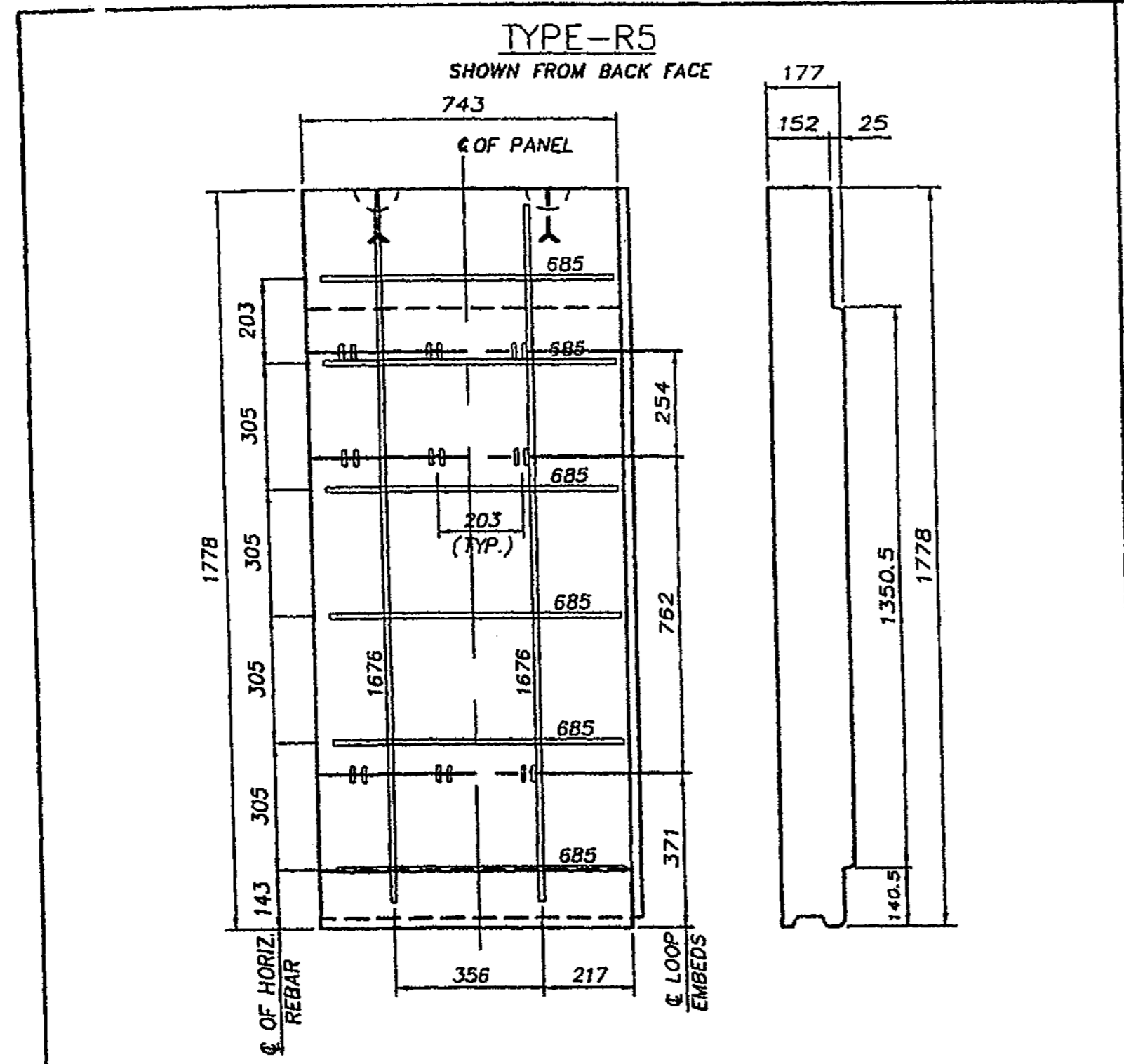


c:\pwtemp\dms00355\45004\_c2.dgn

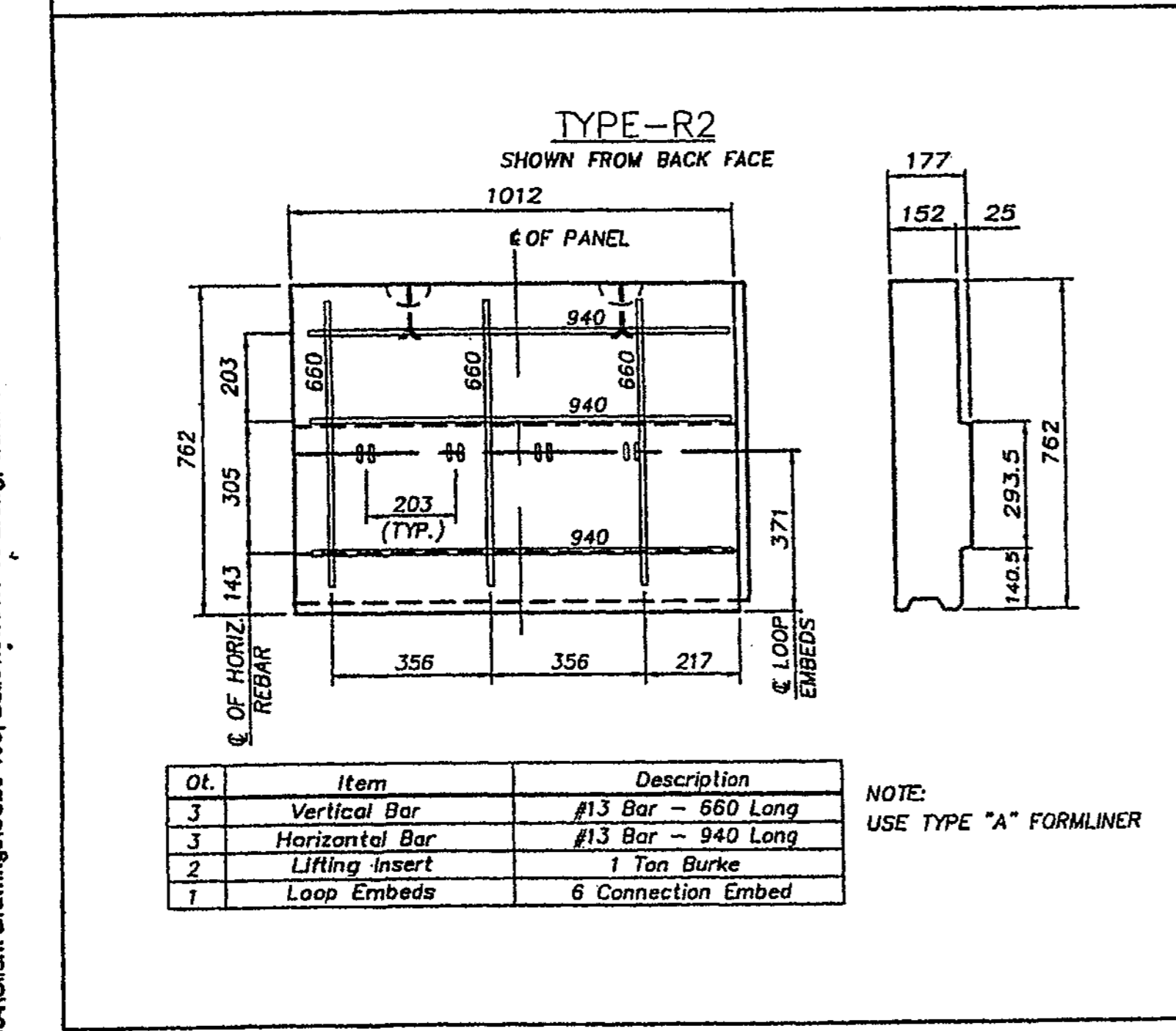
PL014

11/21/2002 09:28:50 AM

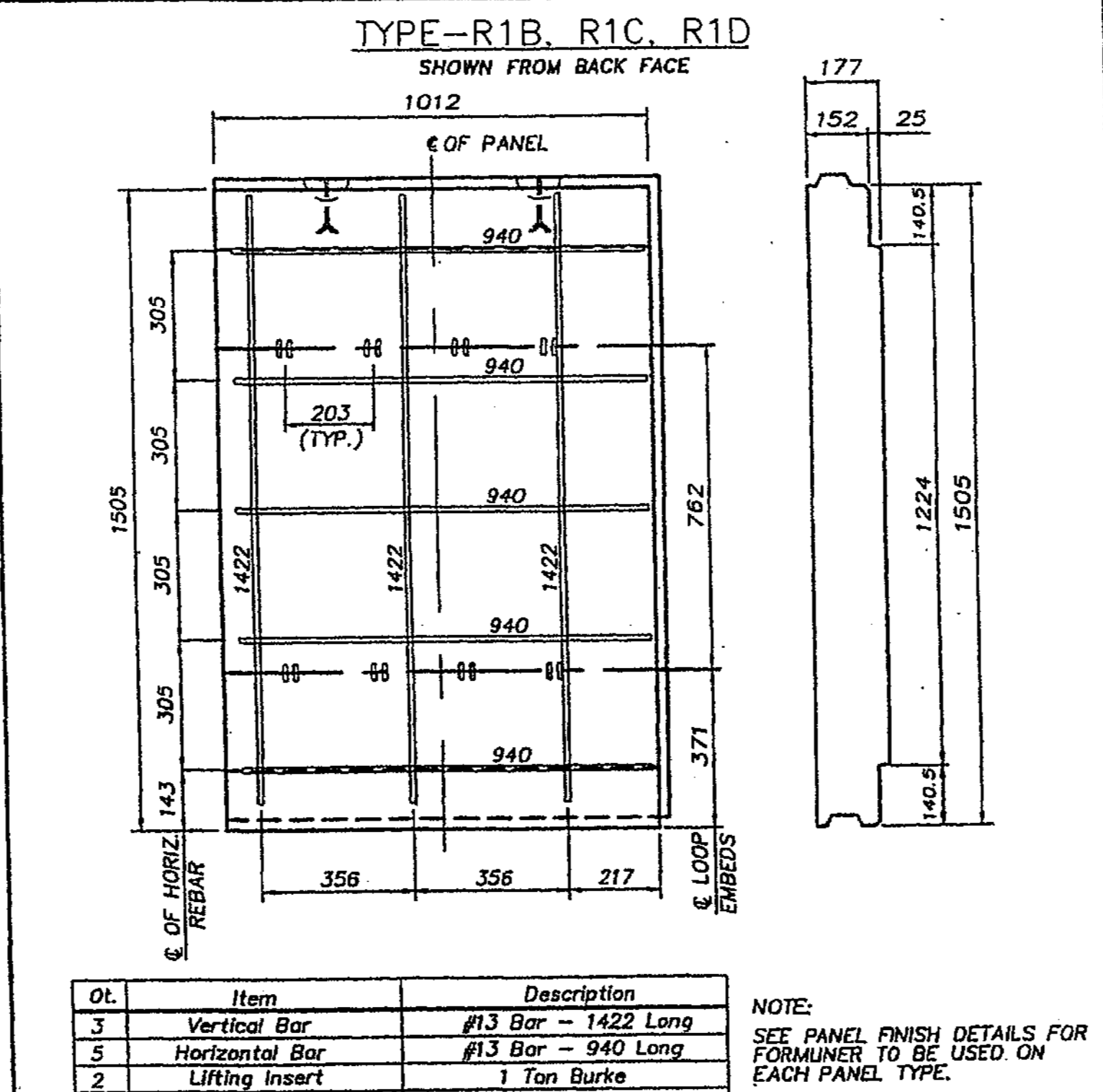
DiemT



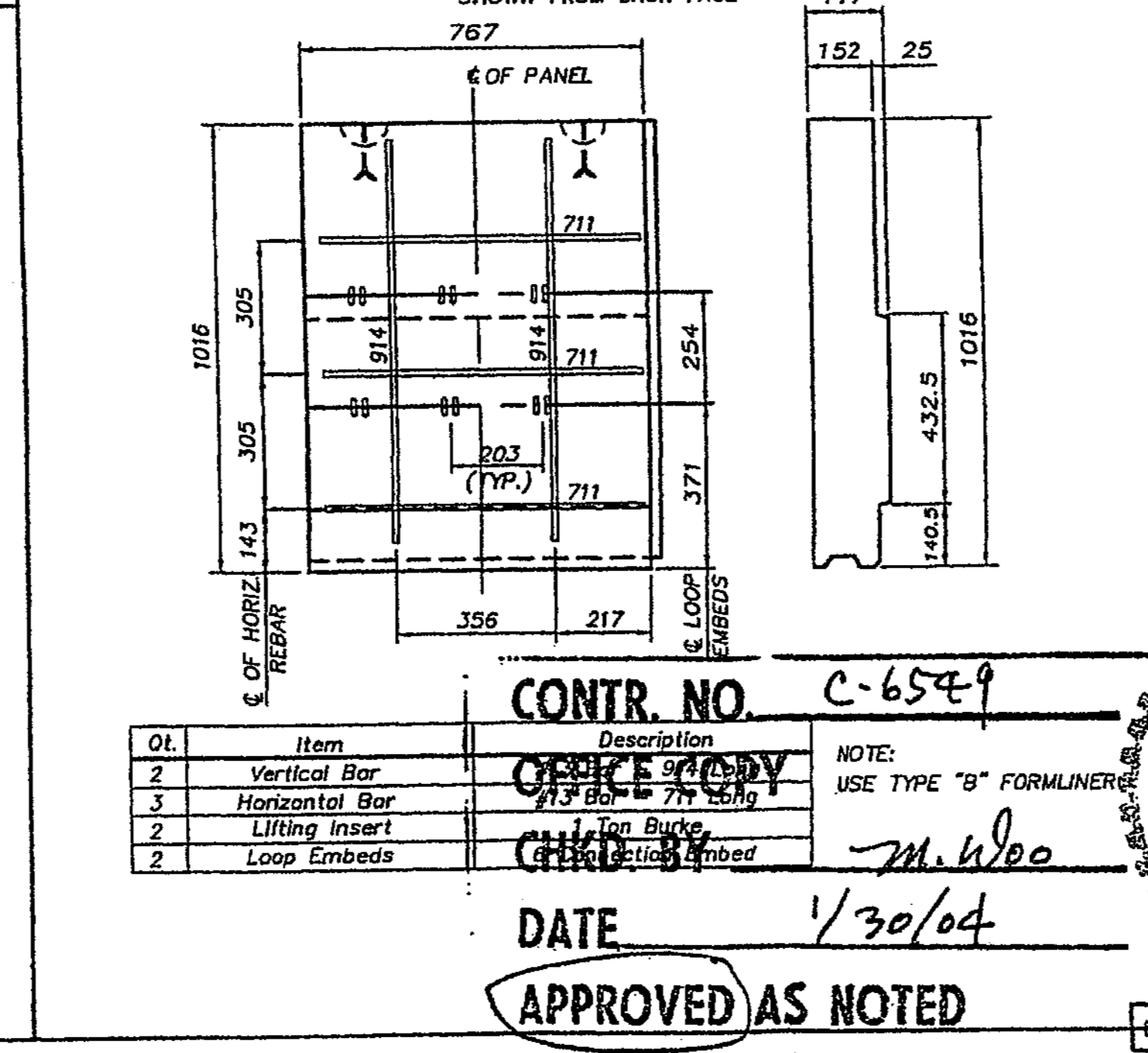
Qt.	Item	Description
2	Vertical Bar	#13 Bar - 1676 Long
6	Horizontal Bar	#13 Bar - 685 Long
2	Lifting Insert	1 Ton Burke
3	Loop Embeds	6 Connection Embed



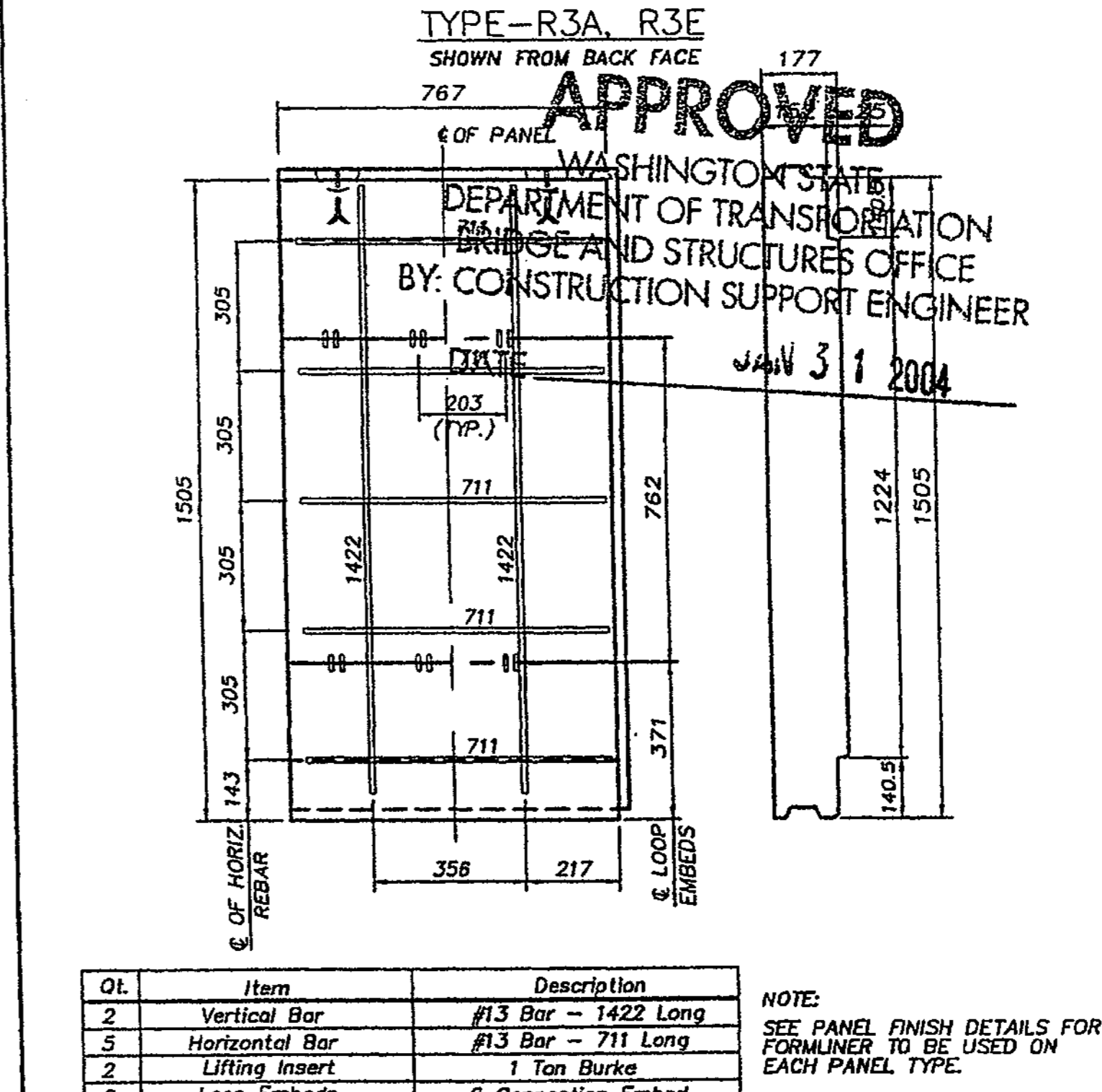
Qt.	Item	Description
3	Vertical Bar	#13 Bar - 660 Long
4	Horizontal Bar	#13 Bar - 940 Long
2	Lifting Insert	1 Ton Burke
1	Loop Embeds	6 Connection Embed



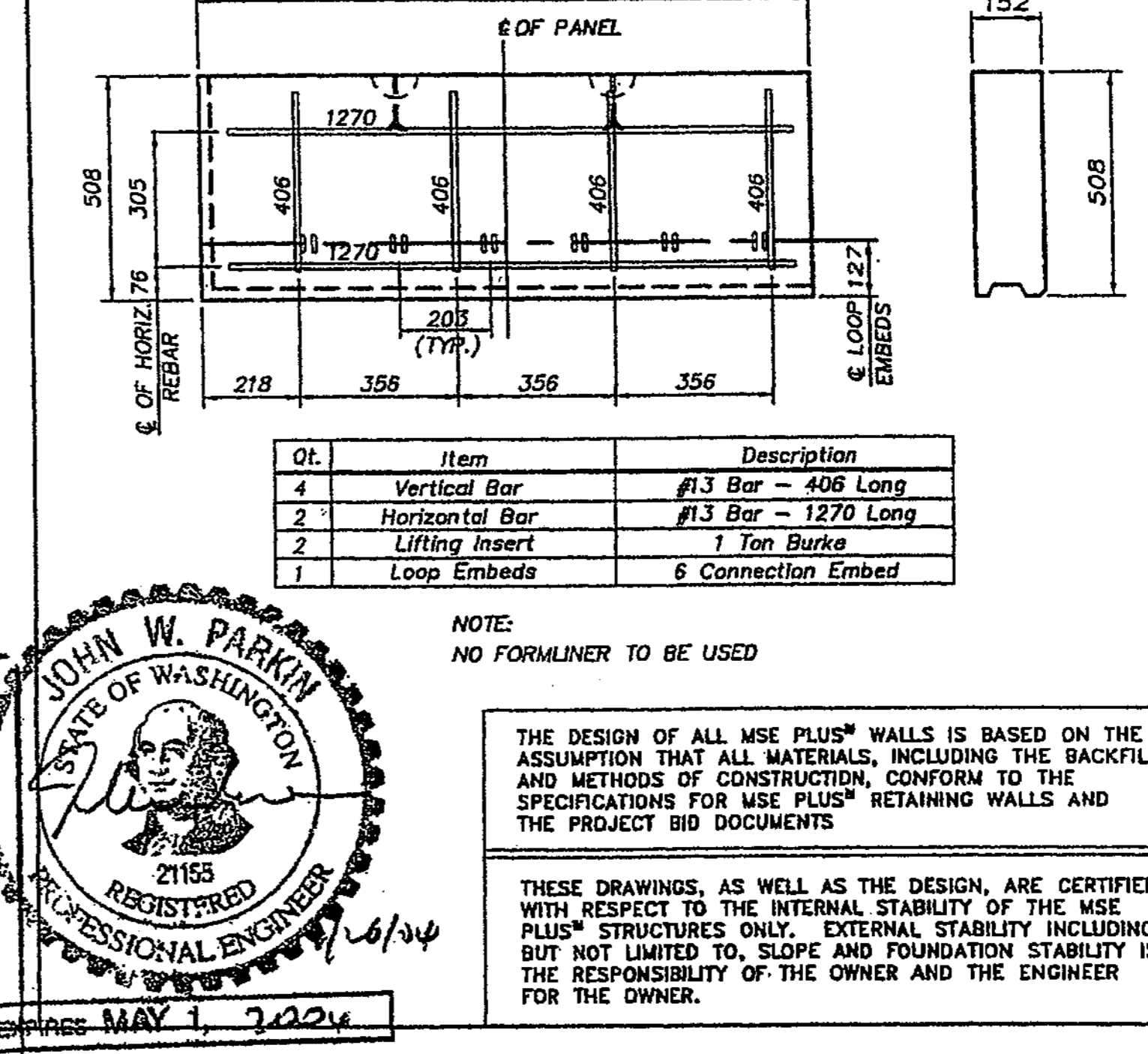
Qt.	Item	Description
3	Vertical Bar	#13 Bar - 1422 Long
5	Horizontal Bar	#13 Bar - 940 Long
2	Lifting Insert	1 Ton Burke
2	Loop Embeds	6 Connection Embed



Qt.	Item	Description
2	Vertical Bar	#13 Bar - 940 Long
3	Horizontal Bar	#13 Bar - 711 Long
2	Lifting Insert	1 Ton Burke
2	Loop Embeds	6 Connection Embed

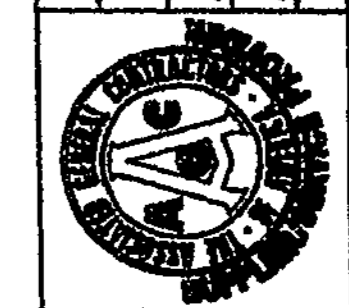


Qt.	Item	Description
2	Vertical Bar	#13 Bar - 1422 Long
5	Horizontal Bar	#13 Bar - 711 Long
2	Lifting Insert	1 Ton Burke
2	Loop Embeds	6 Connection Embed



Qt.	Item	Description
4	Vertical Bar	#13 Bar - 406 Long
2	Horizontal Bar	#13 Bar - 1270 Long
2	Lifting Insert	1 Ton Burke
1	Loop Embeds	6 Connection Embed

NO.	DATE	REVISION
1	1/11/04	ENGINEER
2	1/17/04	DATE IN 145



**Just Drafting**  
Services  
1025 1st Ave  
Bellevue, WA 98007  
Phone: (206) 835-1000  
Fax: (206) 835-1000

**SSL**  
Specializing in Construction Products  
SOUND VALLEY OFFICE  
10000 1st Ave. Ste. 200  
Bellevue, WA 98007  
Phone: (206) 835-2222  
Fax: (206) 835-2888

PANEL REBAR DETAILS : 4 OF 5  
I-405 BELLEVUE DIRECT ACCESS  
SOUND TRANSIT - CITY OF BELLEVUE, KING COUNTY  
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
FED. AID PROJECT NO. STP-WL-405(845)

Date: 7/22/04  
Scale: 1 : 10  
Drawn By: JST  
Job: 03-014  
Sheet: RW19

FOR "AS CONSTR  
- PLANS" ONL

DESIGNED BY	DATE	REVISION	BY
F. CAHILL	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER	CONTRACT NO.
02A012	

CONTR. NO.	DATE
C-6549	1/30/04

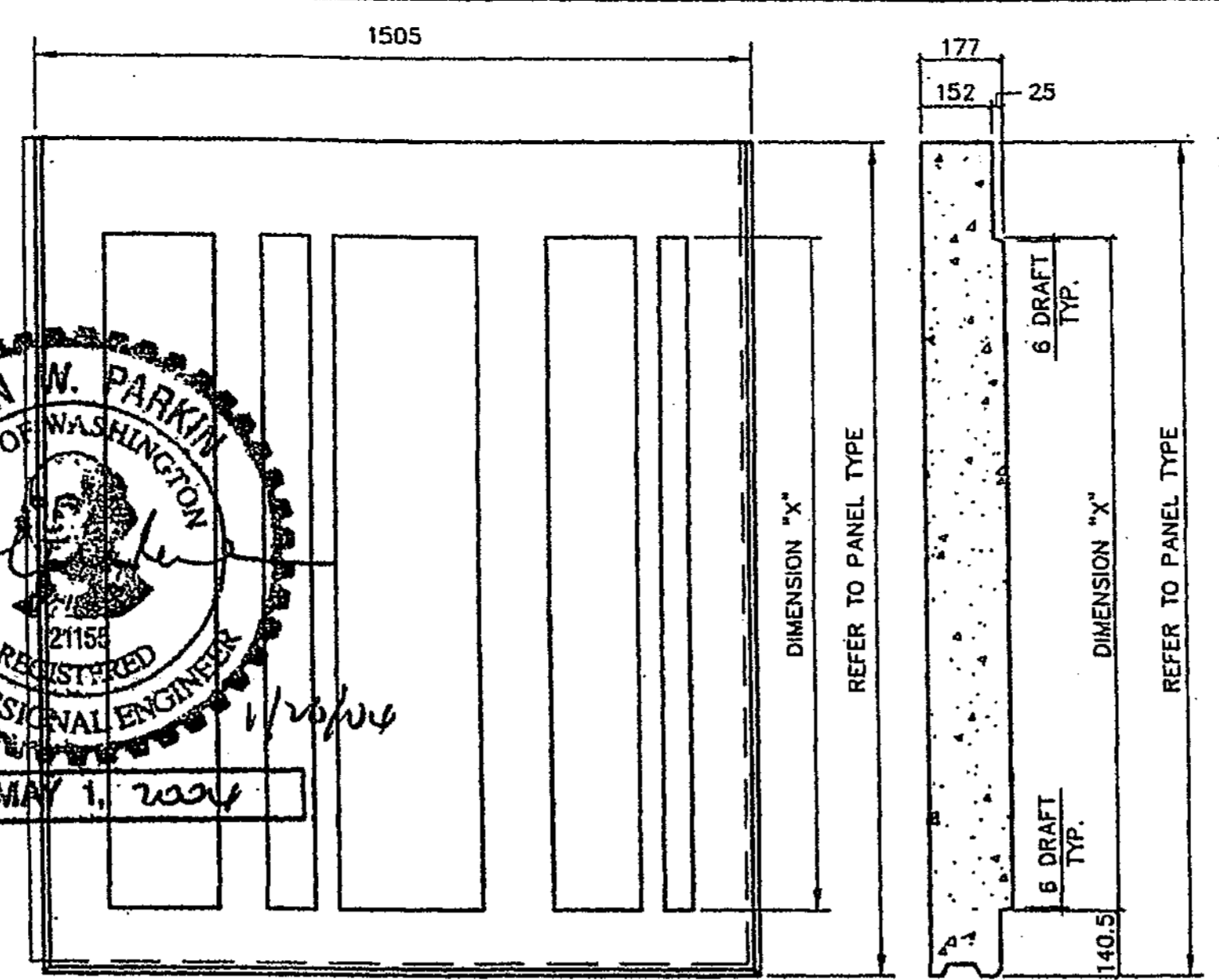
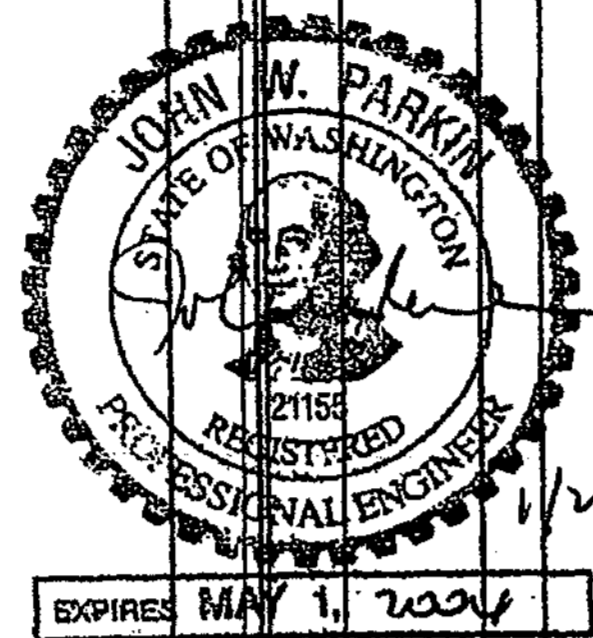
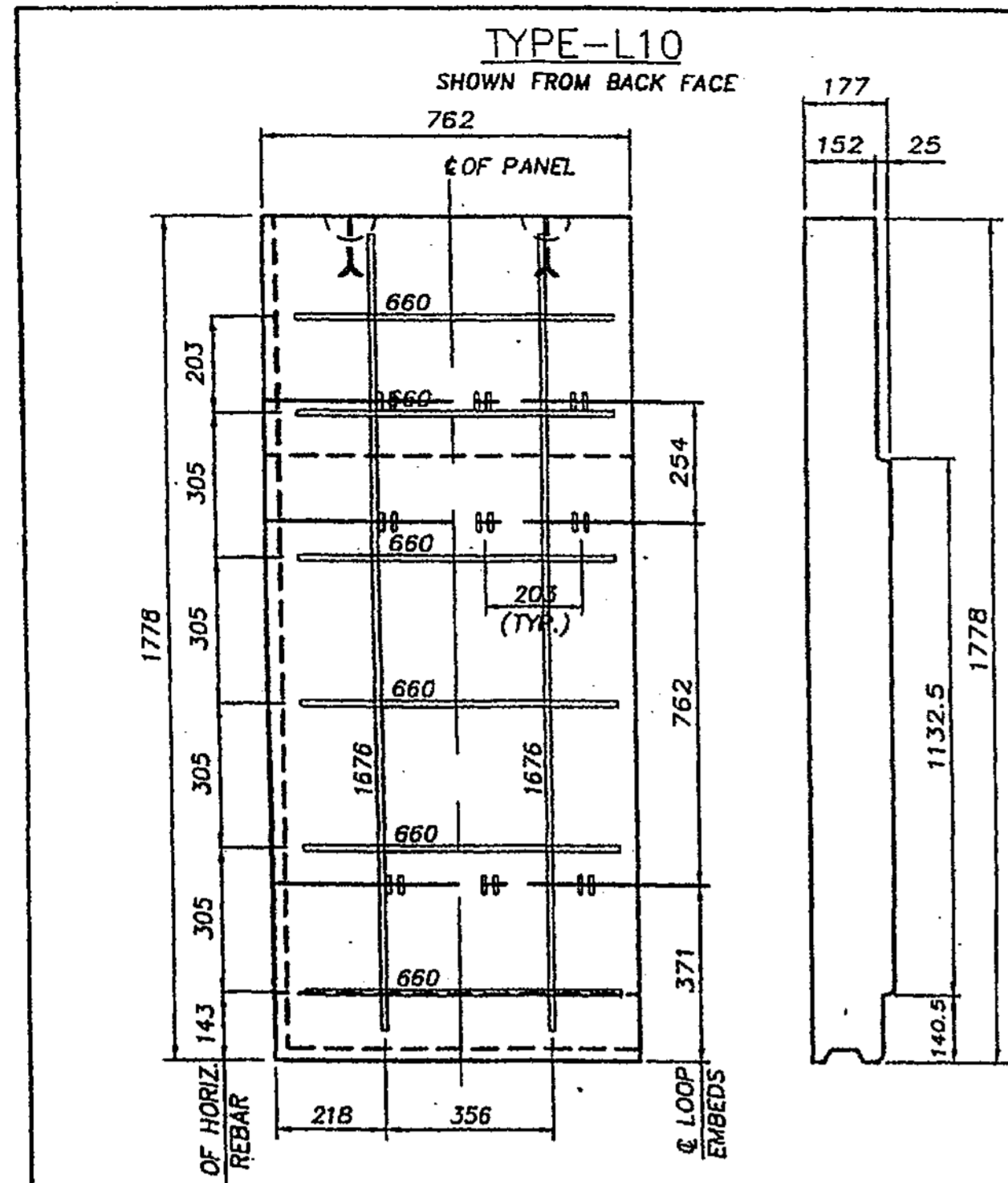
APPROVED AS NOTED  
RETURNED FOR CORRECTION

**Washington State Department of Transportation**

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RW15N  
431N  
1152 SHEETS



11/21/2002 09:28:50 AM PLOT4 c:\pwwtemp\dms00355\4s004\_c2.dgn



TOP PANEL TABLE

QTY	Item	Description
2	Vertical Bar	#13 Bar - 1676 Long
6	Horizontal Bar	#13 Bar - 660 Long
2	Lifting Insert	1 Ton Burke
3	Loop Embeds	6 Connection Embed

NOTE: USE TYPE "T6" FORMLINER

ALL DIMENSIONS ARE IN MILLIMETERS			ALL DIMENSIONS ARE IN MILLIMETERS			ALL DIMENSIONS ARE IN MILLIMETERS		
PANEL No.	PANEL TYPE	DIM. "X"	PANEL No.	PANEL TYPE	DIM. "X"	PANEL No.	PANEL TYPE	DIM. "X"
S1	T6	1291.5	S29	T5	885.5	S57	T1	0
S2	T3	538.5	S30	T2	179.5	S58	T4	753.5
S3	T6	1311.5	S31	T5	998.5	S59	T4	722.5
S4	T3	563.5	S32	T4	753.5	S60	T4	695.5
S5	T6	1342.5	S33	T1	0	S61	T4	670.5
S6	T3	600.5	S34	T4	645.5	S62	T4	647.5
S7	T6	1384.5	S35	T6	1353.5	S63	T3	628.5
S8	T4	648.5	S36	T3	536.5	S64	T3	611.5
S9	T1	0	S37	T6	1230.5	S65	T3	597.5
S10	T4	707.5	S38	T3	399.5	S66	T3	420.5
S11	T1	0	S39	T5	1093.5	S67	T6	1282.5
S12	T4	778.5	S40	T2	262.5	S68	T4	620.5
S13	T1	55.5	S41	T5	954.5	S69	T1	0
S14	T4	859.5	S42	T2	122.5	S70	T4	819.5
S15	T2	142.5	S43	T4	813.5	S71	T2	157.5
S16	T5	951.5	S44	T1	0	S72	T5	1019.5
S17	T2	239.5	S45	T4	673.5	S73	T3	357.5
S18	T5	1053.5	S46	T6	1364.5	S74	T6	1219.5
S19	T2	343.5	S47	T3	533.5	S75	T3	557.5
S20	T6	1157.5	S48	T6	1229.5	S76	T1	0
S21	T3	447.5	S49	T3	405.5	S77	T4	757.5
S22	T6	1262.5	S50	T5	1107.5	S78	T2	95.5
S23	T3	552.5	S51	T2	289.5	S79	T5	957.5
S24	T6	1368.5	S52	T5	999.5	S80	T2	295.5
S25	T4	661.5	S53	T2	188.5	S81	T6	1157.5
S26	T1	0	S54	T5	904.5	S82	T3	495.5
S27	T4	771.5	S55	T1	99.5	S83	T1	0
S28	T1	66.5	S56	T4	822.5	S84	T4	694.5

ALL DIMENSIONS ARE IN MILLIMETERS			ALL DIMENSIONS ARE IN MILLIMETERS			ALL DIMENSIONS ARE IN MILLIMETERS		
PANEL No.	PANEL TYPE	DIM. "X"	PANEL No.	PANEL TYPE	DIM. "X"	PANEL No.	PANEL TYPE	DIM. "X"
S85	T1	0	S122	T4	744.5	S160	T4	753.5
S86	T5	894.5	S123	T1	0	S161	T1	0
S87	T2	232.5	S124	T3	502.5	S162	T6	1164.5
S88	T5	1094.5	S125	T6	1143.5	S163	T3	426.5
S89	T4	782.5	S126	T2	260.5	S164	T6	1213.5
S90	T1	0	S127	T5	901.5	S165	T3	477.5
S91	T4	619.5	S128	T1	0	S166	T6	1267.5
S92	T6	1288.5	S129	T4	659.5	S167	T3	534.5
S93	T3	426.5	S130	T6	1300.5	S168	T6	1326.5
S94	T5	1080.5	S131	T3	417.5	S169	T3	595.5
S95	T2	202.5	S132	T5	1058.5	S170	T6	1390.5
S96	T5	843.5	S133	T2	175.5	S171	T4	662.5
S97	T1	0	S134	T4	816.5	S172	T1	0
S98	T4	601.5	S135	T1	0	S173	T4	733.5
S99	T6	1242.5	S136	T4	573.5	S174	T1	0
S100	T3	359.5	S137	T6	1214.5	S175	T4	810.5
S101	T5	1000.5	S138	T3	331.5	S176	T1	88.5
S102	T2	117.5	S139	T5	972.5	S177	T5	891.5
S103	T4	758.5	S140	T2	89.5	S178	T2	172.5
S104	T1	0	S141	T4	730.5	S179	T5	978.5
S105	T3	516.5	S142	T1	0	S180	T2	261.5
S106	T6	1157.5	S143	T3	488.5	S181	T5	1069.5
S107	T2	274.5	S144	T6	1129.5	S182	T2	355.5
S108	T5	915.5	S145	T2	246.5	S183	T6	1166.5
S109	T1	0	S146	T5	887.5	S184	T3	454.5
S110	T4	673.5	S147	T1	0	S185	T6	1267.5
S111	T6	1314.5	S148	T4	645.5	S186	T3	558.5
S112	T3	431.5	S149	T6	1286.5	S187	T6	1374.5
S113	T5	1071.5	S150	T3	403.5	S188	T4	667.5
S114	T2	188.5	S151	T5	1044.5	S189	T1	0
S115	T5	829.5	S152	T2	161.5	S190	T4	781.5
S116	T1	0	S153	T4	802.5	S191	T1	78.5
S117	T4	587.5	S154	T1	0	S192	T5	900.5
S118	T6	1228.5	S155	T3	562.5	S193	T2	199.5
S119	T3	345.5	S156	T6	1207.5	S194	T5	1024.5
S120	T5	986.5	S157	T3	329.5	S195	T2	326.5
S121	T2	103.5	S158	T5	977.5			

ALL DIMENSIONS ARE IN MILLIMETERS		
PANEL No.	PANEL TYPE	DIM. "X"
S196	T6	1153.5
S197	T3	457.5
S198	T6	1284.5
S199	T3	588.5
S200	T1	0
S201	T4	719.5
S202	T1	0
S203	T4	850.5
S204	T2	153.5
S205	T5	978.5
S206	T2	278.5
S207	T5	1099.5
S208	T3	393.5
S209	T6	1210.5
S210	T3	501.5
S211	T6	1313.5
S212	T3	599.5
S213	T1	0
S214	T4	694.5
S215	T1	44.5
S216	T5	919.5
S217	T2	273.5
S218	T6	1151.5
S219	T3	507.5
S220	T1	0
S221	T4	748.5
S222	T2	108.5
S223	T5	991.5
S224	T3	351.5
S225	T6	1235.5
S226	T4	594.5
S227	T1	0
S228	T5	837.5
S229	T2	197.5
S230	T6	1081.5
S231	T3	440.5
S232	T1	0
S233	T4	683.5
S234	T1	43.5
S235	T5	927.5
S236	T2	286.5
S237	T6	1170.5
S238	T3	529.5
S239	T1	0
S240	T4	773.5
S241	T2	132.5
S242	T5	1016.5
S243	T6	376.5
S244	T3	1259.5
S245	T4	619.5
S246	T1	0
S247	T5	862.5
S248	T2	222.5
S249	T6	1105.5
S250	T3	465.5
S251	T1	0
S252	T4	708.5
S253	T2	68.5
S254	T5	951.5
S255	T3	311.5
S256	T6	1194.5
S257	T3	554.5
S258	T1	0
S259	T4	797.5
S260	T2	157.5
S261	T5	1040.5
S262	T3	400.5
S263	T6	1284.5

ALL DIMENSIONS ARE IN MILLIMETERS		
PANEL No.	PANEL TYPE	DIM. "X"
S264	T4	643.5
S265	T1	0
S266	T5	888.5
S267	T2	152.5
S268	T6	1108.5
S269	T3	489.5
S270	T1	0
S271	T4	742.5
S272	T2	92.5
S273	T5	976.5
S274	T3	335.5
S275	T6	1219.5
S276	T4	579.5
S277	T1	0
S278	T5	822.5
S279	T2	181.5
S280	T5	1058.5
S281	T3	403.5
S282	T6	1264.5
S283	T3	594.5
S284	T1	0
S285	T4	754.5
S286	T1	61.5
S287	T5	883.5
S288	T2	174.5
S289	T5	982.5
S290	T2	258.5
S291	T5	1051.5
S292	T2	319.5
S293	T5	1112.5
S294	T2	380.5
S295	T6	1173.5
S296	T3	441.5
S297	T6	1234.5
S298	T3	502.5
S299	T6	1295.5
S300	T3	563.5
S301	T6	1356.5
S302	T3	624.5
S303	T1	0
S304	T4	685.5
S305	T1	0
S306	T4	746.5
S307	T1	0
S308	T1	0
S309	T1	0
S310	T5	863.5
S311	T5	829.5
S312	T5	829.5
S313	T6	1108.5
S314	T5	990.5
S315	T5	259.5
S316	T5	1038.5
S317	T6	1169.5
S318	T6	1169.5
S319	T2	168.5
S320	T4	689.5
S321	T1	84.5

ALL DIMENSIONS ARE IN MILLIMETERS		
PANEL No.	PANEL TYPE	DIM. "X"
S322	T6	1153.5
S323	T3	457.5
S324	T6	1284.5
S325	T3	588.5
S326	T1	0
S327	T4	719.5
S328	T1	0
S329	T4	850.5
S330	T2	153.5
S331	T5	978.5
S332	T2	278.5
S333	T5	1099.5
S334	T3	393.5
S335	T6	1210.5
S336	T3	501.5
S337	T6	1313.5
S338	T3	599.5
S339	T1	0
S340	T4	694.5
S341	T1	44.5
S342	T5	919.5
S343	T2	273.5
S344	T6	1151.5
S345	T3	507.5
S346	T1	0
S347	T4	748.5
S348	T2	108.5
S349	T5	991.5
S350	T3	351.5
S351	T6	1235.5
S352	T4	594.5
S353	T1	0
S354	T5	837.5
S355	T2	197.5
S356	T6	1081.5
S357	T3	440.5
S358	T1	0
S359	T4	683.5
S360	T1	43.5
S361	T5	927.5
S362	T2	286.5
S363	T6	1170.5
S364	T3	529.5
S365	T1	0
S366	T4	773.5
S367	T2	132.5
S368	T5	1016.5
S369	T6	376.5
S370	T3	1259.5
S371	T4	619.5
S372	T1	0
S373	T5	862.5
S374	T2	222.5
S375	T6	1105.5
S376	T3	465.5
S377	T1	0
S378	T4	708.5
S379	T2	68.5
S380	T5	951.5
S381	T3	311.5
S382	T6	1194.5
S383	T3	554.5
S384	T1	0
S385	T4	797.5
S386	T2	157.5
S387	T5	1040.5
S388	T3	400.5
S389	T6	1284.5

**APPROVED**

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
 BRIDGE AND STRUCTURE DIVISION  
 1700 4th St., NE  
 Bellevue, WA 98008  
 Phone: (206) 835-2777  
 Fax: (206) 835-7889

DATE: 1/30/04

CHG. BY: [Signature]

FOR CORRECTION

THE DESIGN OF ALL MSE PLUS™ WALLS IS BASED ON THE ASSUMPTION THAT ALL MATERIALS, INCLUDING THE BACKFILL AND METHODS OF CONSTRUCTION, CONFORM TO THE SPECIFICATIONS FOR MSE PLUS™ RETAINING WALLS AND THE PROJECT BID DOCUMENTS.

THESE DRAWINGS, AS WELL AS THE DESIGN, ARE CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF THE MSE PLUS™ STRUCTURES ONLY. EXTERNAL STABILITY INCLUDING, BUT NOT LIMITED TO, SLOPE AND FOUNDATION STABILITY IS THE RESPONSIBILITY OF THE OWNER AND THE ENGINEER FOR THE OWNER.

DATE: 1/21/04  
 Scale: 1 : 10  
 Drawn By: JT  
 Job: 03-04  
 Sheet: RW20  
 SHEET NO. OF

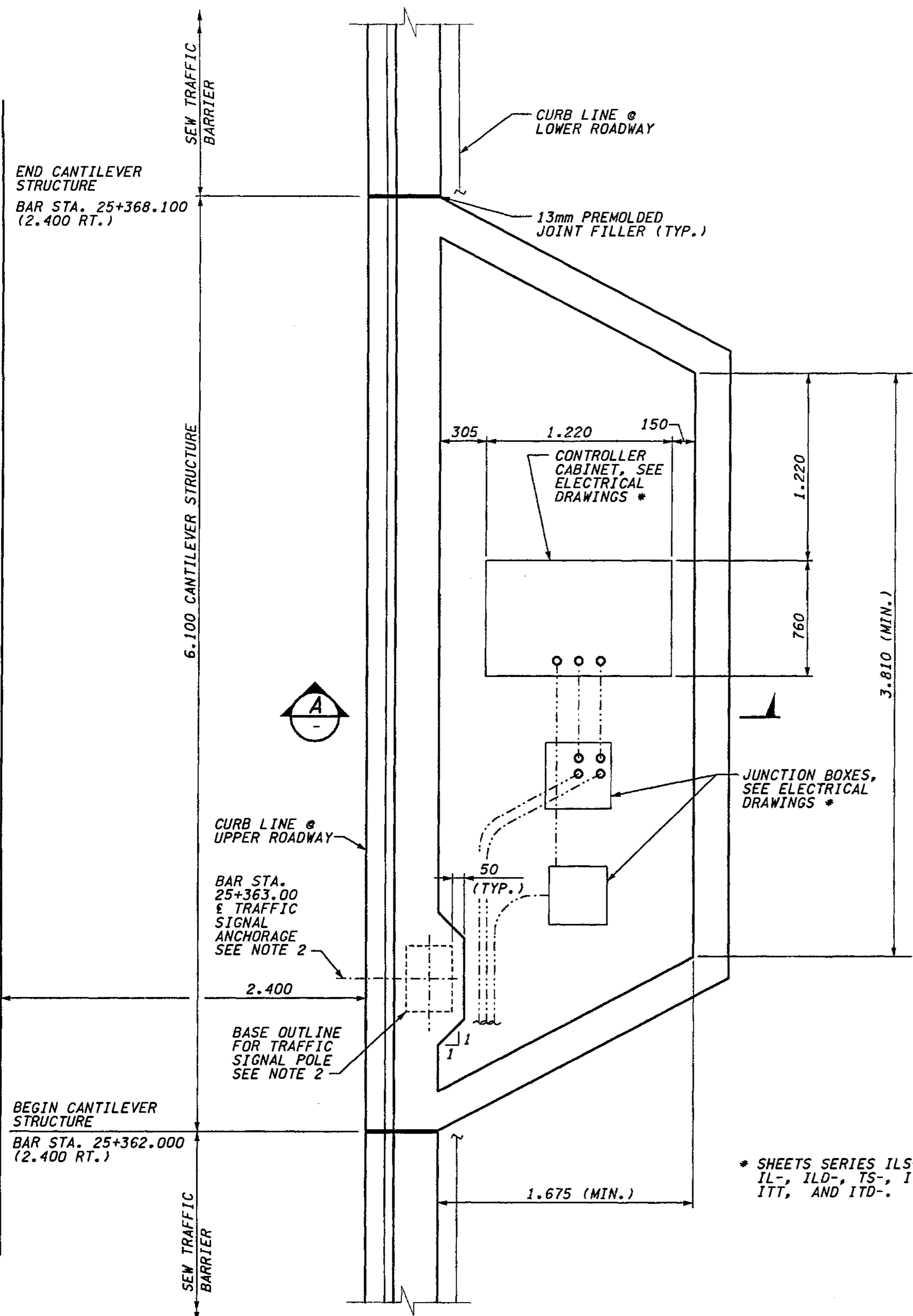
**SSL**  
 Specializing in Construction Products  
 2710 South Valley Road, Suite 100  
 Portland, OR 97206  
 Phone: (503) 253-2777  
 Fax: (503) 253-7889

**Just Drafting Services**  
 1238 14th Ave  
 Corvallis, OR 97330  
 Phone: (503)



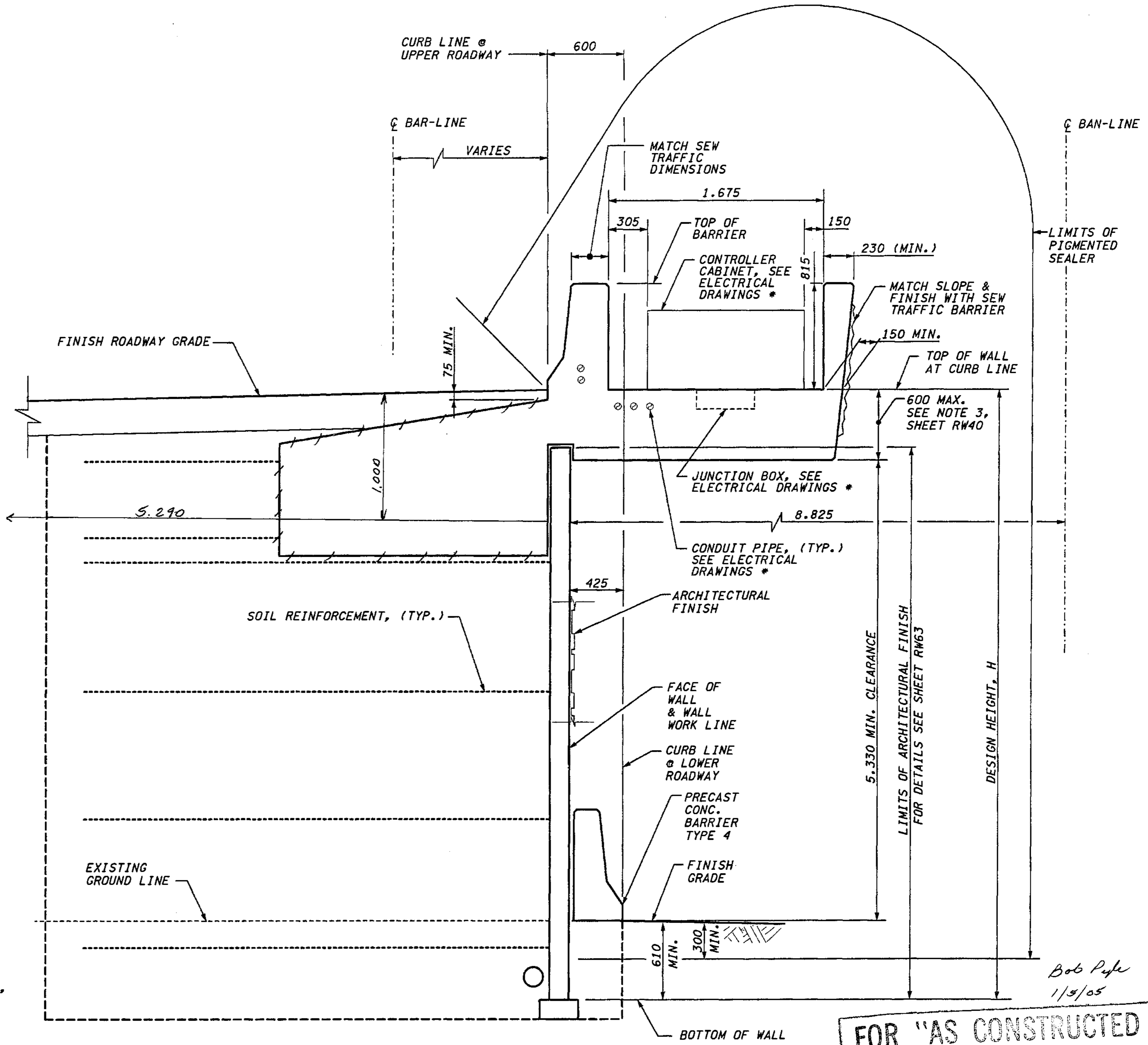
C:\PWTEMP\dms00358\RW045A\_C2.dgn

I\_405\_JOB NO. SHEET  
keller 12/06/2002 02:06:16 PM



PLAN

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS



SECTION A  
WALL BAN WEST TYPICAL SECTION  
STRUCTURAL EARTH WALL

FOR MISSING INFORMATION SEE SHEET RW45

FOR "AS CONSTRUCTED PLANS" ONLY

- NOTES:**
- CANTILEVER STRUCTURE SHALL BE DESIGNED AND DETAILED BY THE CONTRACTOR. MINIMUM DESIGN WEIGHT OF CONTROLLER CABINET SHALL BE 2KN.
  - FOR TRAFFIC SIGNAL POLE DETAILS SEE SHEET TS17. FOR ANCHORAGE DETAILS SEE SHEET 6559 (SIMILAR).

BRIDGE DESIGN ENGR.	REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR			
DESIGNED BY JHS	10	WASH	
ENTERED BY LDK			
CHECKED BY SKA			
PROJD. DYER, D. CIERI			
REGIONAL ADM. D. DYE.			
DATE	DATE	REVISION	BY

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

12/06/02

EXPRES: 09/09/04

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

CANTILEVER STRUCTURE @  
RETAINING WALL BAN WEST

BRIDGE SHEET NO. RW45A

SHEET 432  
1152  
SHEETS

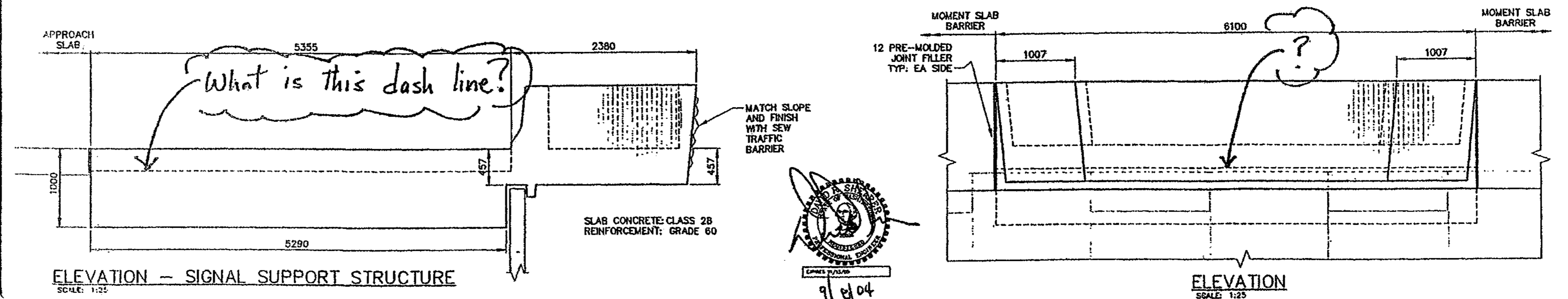
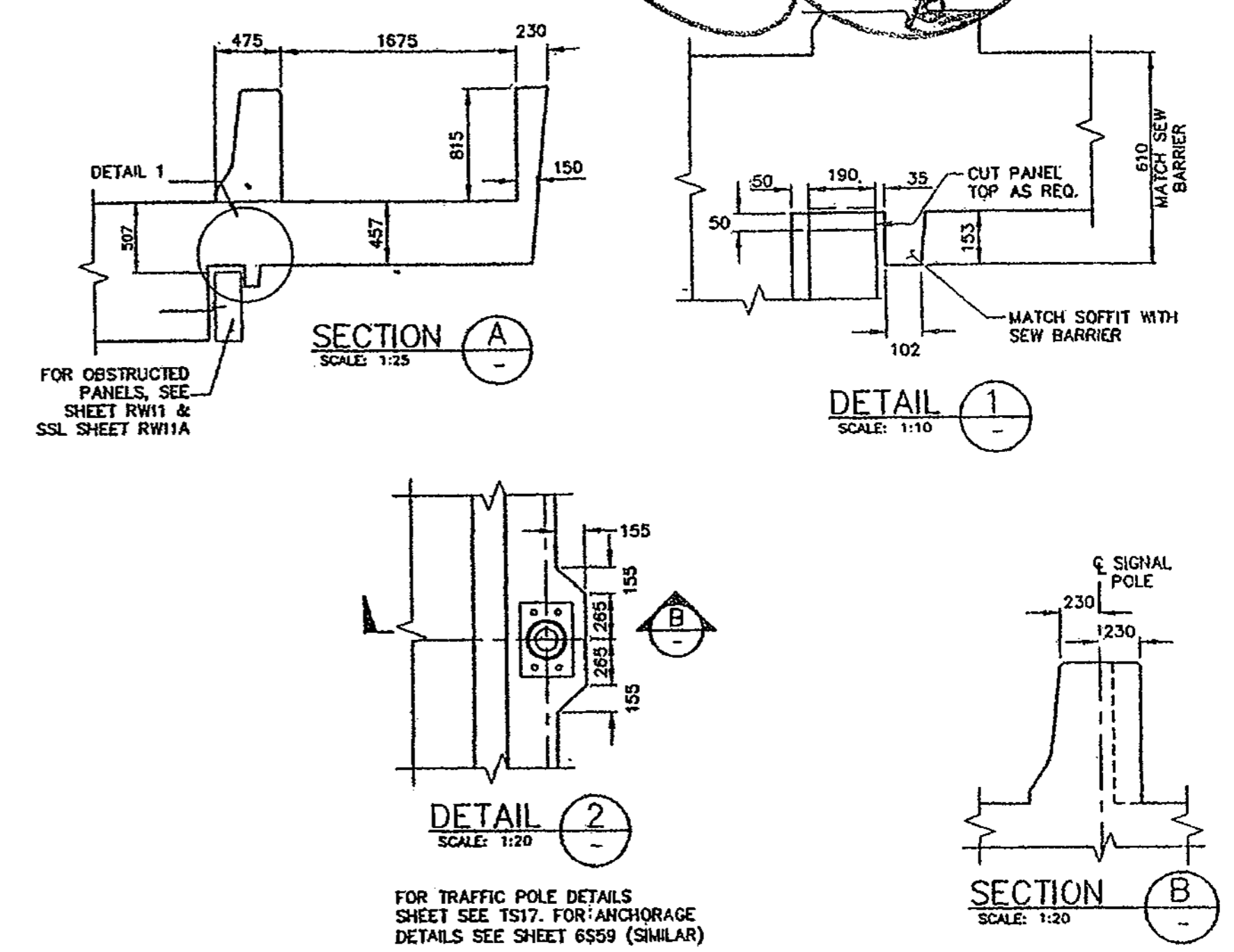
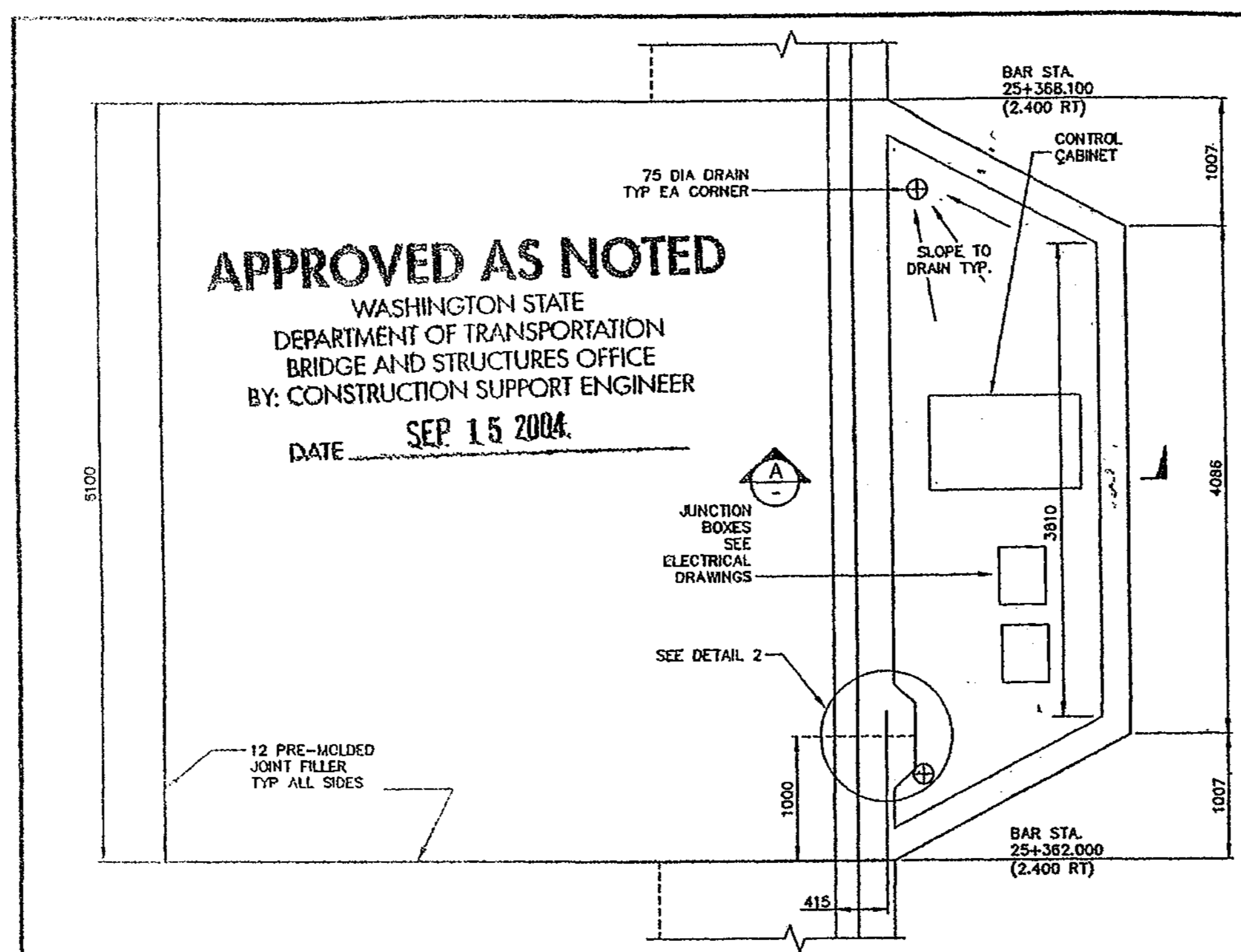
c:\pwt\emp\dms00355\4s004\_c2.dgn

PLOT4

11/21/2002 09:28:50 AM

DiemT

Handwritten note in a cloud: 10/15/04 11:00 AM 10/15/04

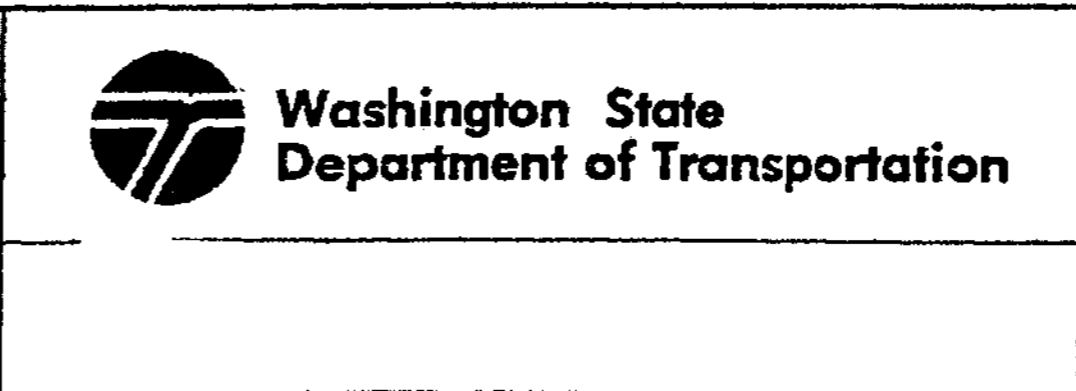


DESIGNED BY	F. CAHILL	CHECKED BY	DRS	PROJECT NO.	10045511	SCALE	AS NOTED	DATE	9/07/04
ENTERED BY	H. TRAN	DRAWN BY	DRS	CITY ENGINEER	DAK	DATE	9/07/04	BY	DRS
CHECKED BY	I. HASAYEN	APPROVED BY	DRS	DATE	9/07/04	BY	DRS	DATE	9/07/04

DESIGNED BY	DATE	REVISION	BY
F. CAHILL	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
JOB NUMBER	02A012		CONTRACT NO.		

FOR "AS CONSTRUCTED PLANS" ONLY



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

CANT STR @ Ret Wall  
BAN WEST

SHEET NO  
RW45A  
432A  
1152 SHEETS





S = BAR IS INCLUDED SUBSTRUCTURE QUANTITIES  
L = LUMP SUM QUANTITY  
T = TRANSVERSE OR E = EARTHQUAKE

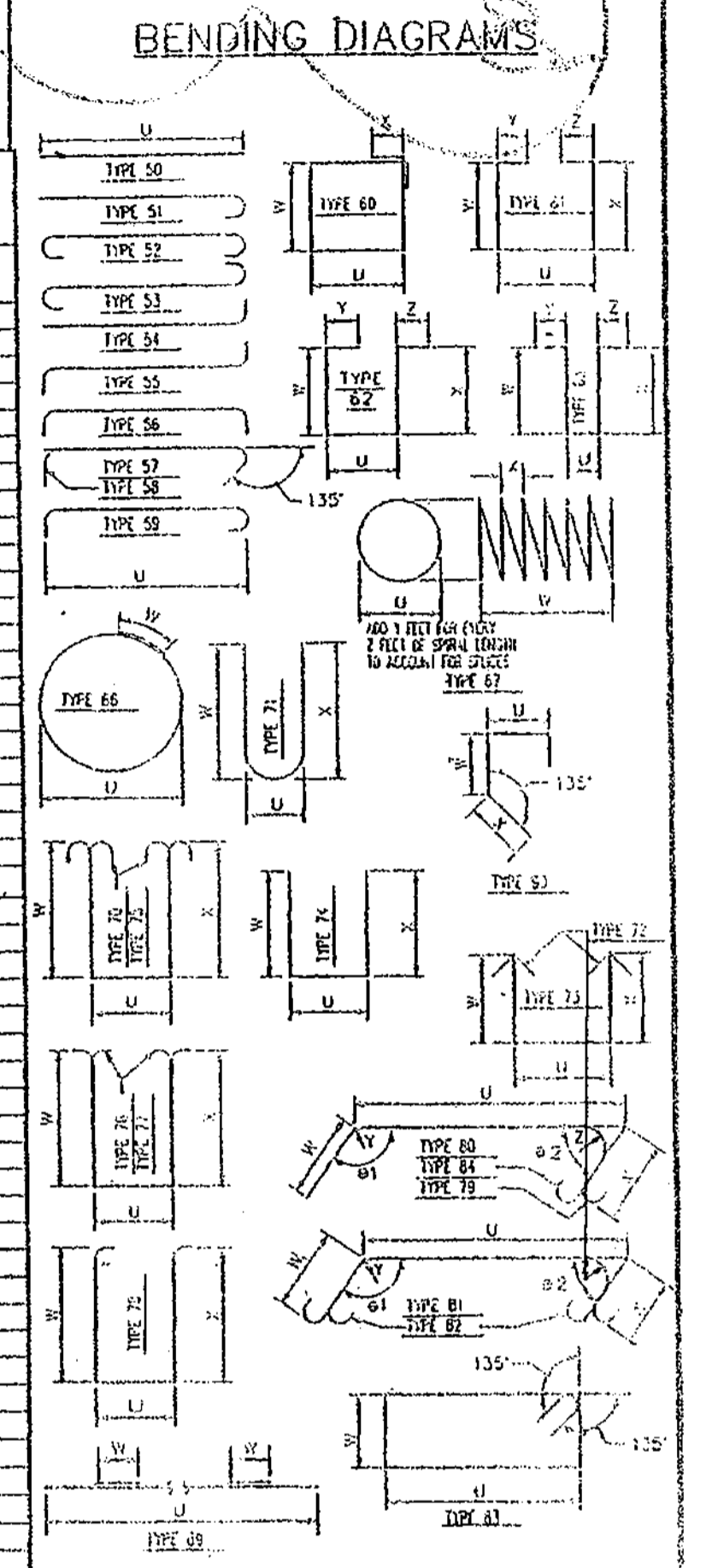
E = BAR IS TO BE EPOXY COATED  
V = BAR DIMENSIONS VARY BETWEEN DIMENSIONS SHOWN ON THIS LINE AND THE FOLLOWING LINE

S = BAR IS INCLUDED SUBSTRUCTURE QUANTITIES  
L = LUMP SUM QUANTITY  
T = TRANSVERSE OR E = EARTHQUAKE

E = BAR IS TO BE EPOXY COATED  
V = BAR DIMENSIONS VARY BETWEEN DIMENSIONS SHOWN ON THIS LINE AND THE FOLLOWING LINE

MARK NO.	LOCATION	SIZE	NO. EACH	DIMENSIONS (OUT TO OUT)					LENGTH METERS	MASS KG.	
				L	W	X	Y	Z			
D401	BARRIER INNER	4 3 80	1	4.622	0.300	0.300	0.051	0.051	118	4.600	14
D402	BARRIER OUTER	4 1 80	1	4.649	0.300	0.300	0.051	0.051	118	4.614	5
D403	BARRIER INNER	4 6 80	1	2.320	0.300	0.000	0.038	0.000	118	2.609	16
D404	BARRIER OUTER	4 6 80	1	2.030	0.000	0.300	0.038	0.038	90	2.289	14
D405	BARRIER STIRRUP	4 35 54	1	0.650						0.948	33
D406	BARRIER STIRRUP	4 35 80	1	0.150	0.300	0.300	0.038	0.038	90	0.692	24
D407	BARRIER STIRRUP	4 35 80	1	1.150	0.300	0.000	0.038	0.000	96	1.428	50
D408	LONGIT. SLAB	4 13 50	1	2.550						2.550	37
D409	LONGIT. SLAB	4 6 50	1	1.385						1.385	12
D411	TRANSVERSE DECK	4 7 50	1	3.750						3.750	33
D412	LONGIT. DECK	4 2 80	1	2.100	0.300	0.300	0.051	0.051	118	2.609	5
D413	TIE SOFFIT	4 13 51	1	0.550						0.702	9
D414	LONGIT. SOFFIT	4 1 50	1	6.030						6.000	6
D415	BARRIER STIRRUP	4 4 80	1	0.243	0.300	0.400	0.051	0.051	90	0.909	4
D501	LONGIT. SLAB	5 6 50	1	7.550						7.550	20
D502	LONGIT. SLAB	5 6 50	1	5.530						5.530	51
D503	LONGIT. SLAB	5 2 50	1	7.010						7.010	22
D504	LONGIT. SLAB	5 2 50	1	4.430						4.430	14
D505	LONGIT. SLAB	5 14 50	1	2.475						2.475	32
D507	TRANSVERSE DECK	5 7 50	1	4.030						4.000	33
D508	LONGIT. DECK	5 2 80	1	2.070	0.300	0.300	0.064	0.064	117	2.649	8
D509	TRANSVERSE SLAB	5 2 50	1	5.700						5.700	18
D510	LONGIT. SLAB	5 15 77	1	5.150	0.900	0.900				11.415	266
D512	J BOX SPLICE	5 8 50	1	1.600						1.600	20
D521	TRANSVERSE SLAB	5 21 50	1	6.030						6.000	196
D522	TRANSVERSE SLAB	5 20 50	1	6.000						6.000	186

Handwritten notes: 10/15, 8/28/02



- NOTES:
1. ALL REINFORCING BARS ON THIS SHEET SHOULD BE AASHTO M-31 UNLESS SHOWN OTHERWISE.
  2. REINFORCING FOR TRAFFIC BARRIER NOT SHOWN IN THE BAR LIST, SEE TRAFFIC BARRIER SHEET.
  3. BEND FOR TRANSVERSE BARS DUE TO ROADWAY CROWN CONDITIONS HAS NOT BEEN SHOWN. THESE BARS SHALL BE BENT AS REQUIRED TO CONFORM TO THE CONFIGURATION OF THE STRUCTURE.
  4. BAR LIST ARE INFORMATIONAL ONLY. NUMBER AND LENGTH OF BARS TO BE DETERMINED BY THE CONTRACTOR FROM PLANS.
  5. BARRIER AND LUMBAR BARS NOT INCLUDED

DESIGNED BY: BA	CHECKED BY: DRS	PROJECT NO.	DATE: 8/7/04
DRAWN BY: BA	PROJECT ENGR: DRS	CITY ENGINEER	
APPROVED:			

BELLEVUE DIRECT ACCESS  
MP 13.31 TO MP 14.34  
WSDOT & BELLEVUE TRAVEL

**SHEARER DESIGN** LLC  
100 N 35TH STREET  
Spokane, WA 99208  
(509) 783-7200  
DESIGN@SHEARERDESIGN.COM

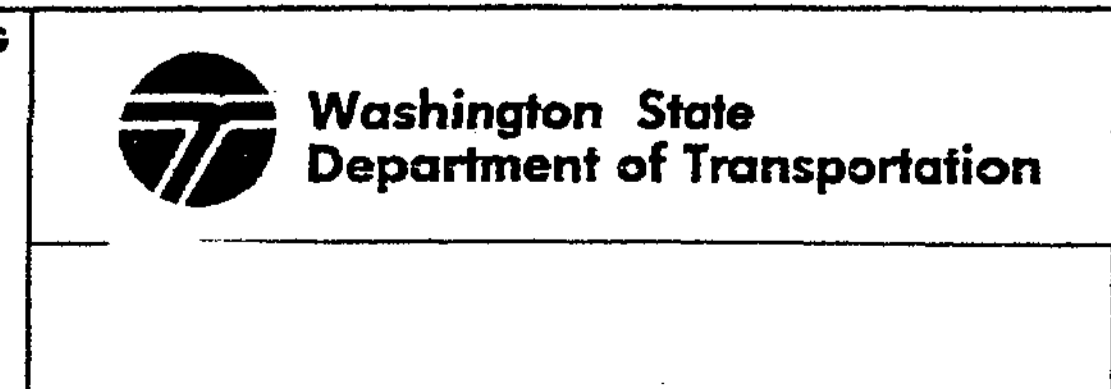
BELLEVUE DIRECT ACCESS  
BAR LIST

SHEET 3 OF 3  
FREE ENG.

DESIGNED BY	F. CAHILL	12/02
ENTERED BY	H. TRAN	12/02
CHECKED BY	I. HASAYEN	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

FOR "AS CONSTRUCTED PLANS" ONLY



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
CANT STR @ Ref Walt  
BALL West

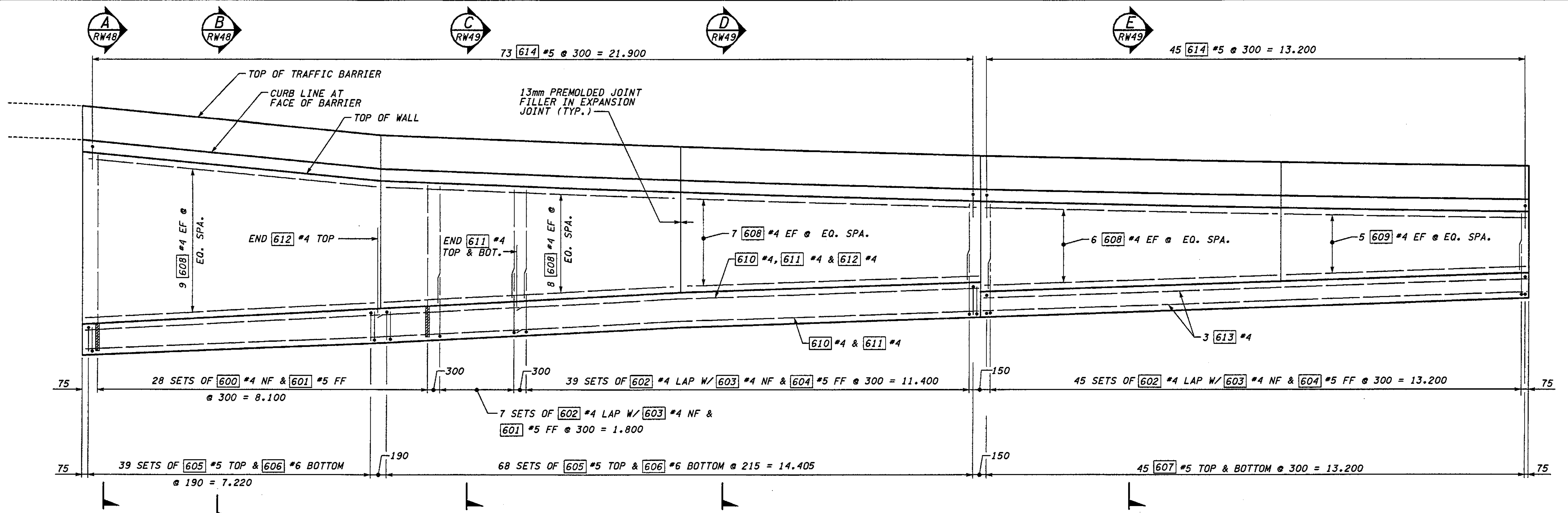
SHEET NO  
RW45  
432  
1152 SHEETS



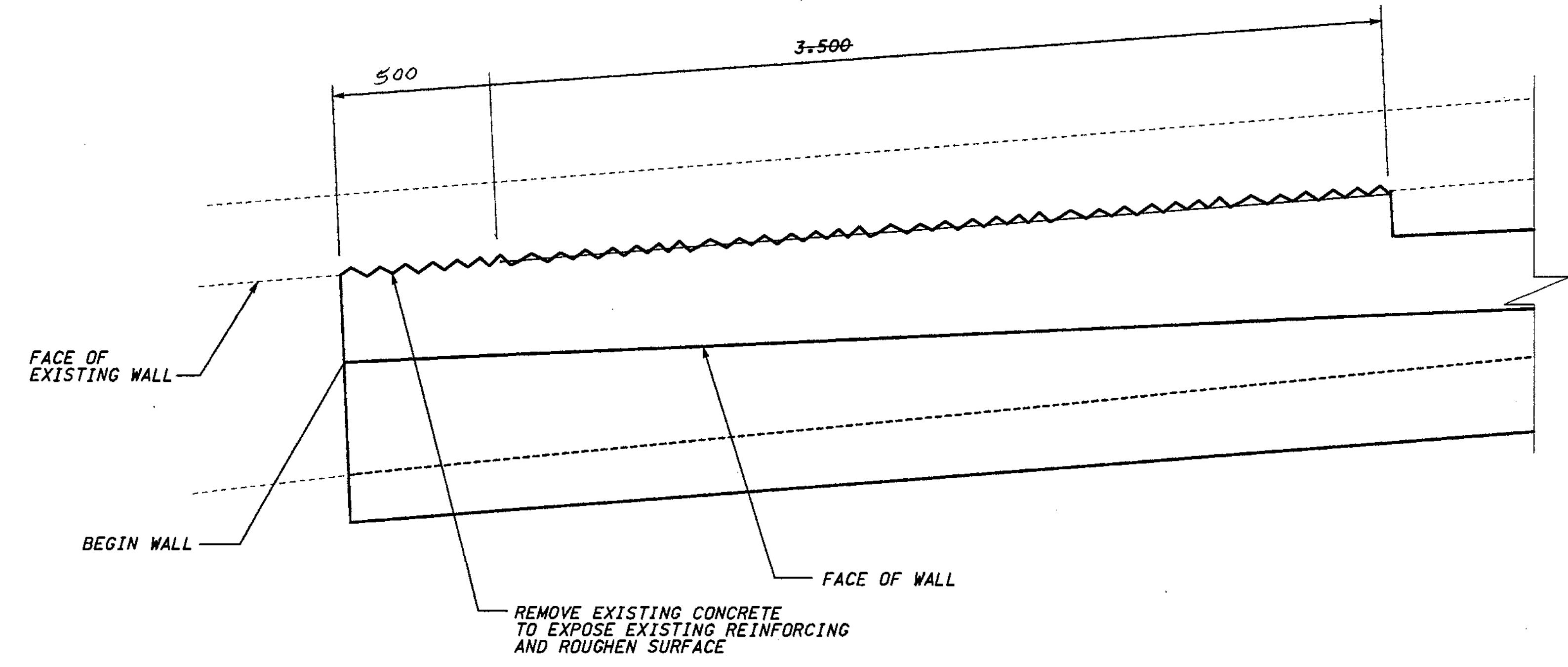


C:\PWTEMP\dms00358\RW47\_C2.dgn

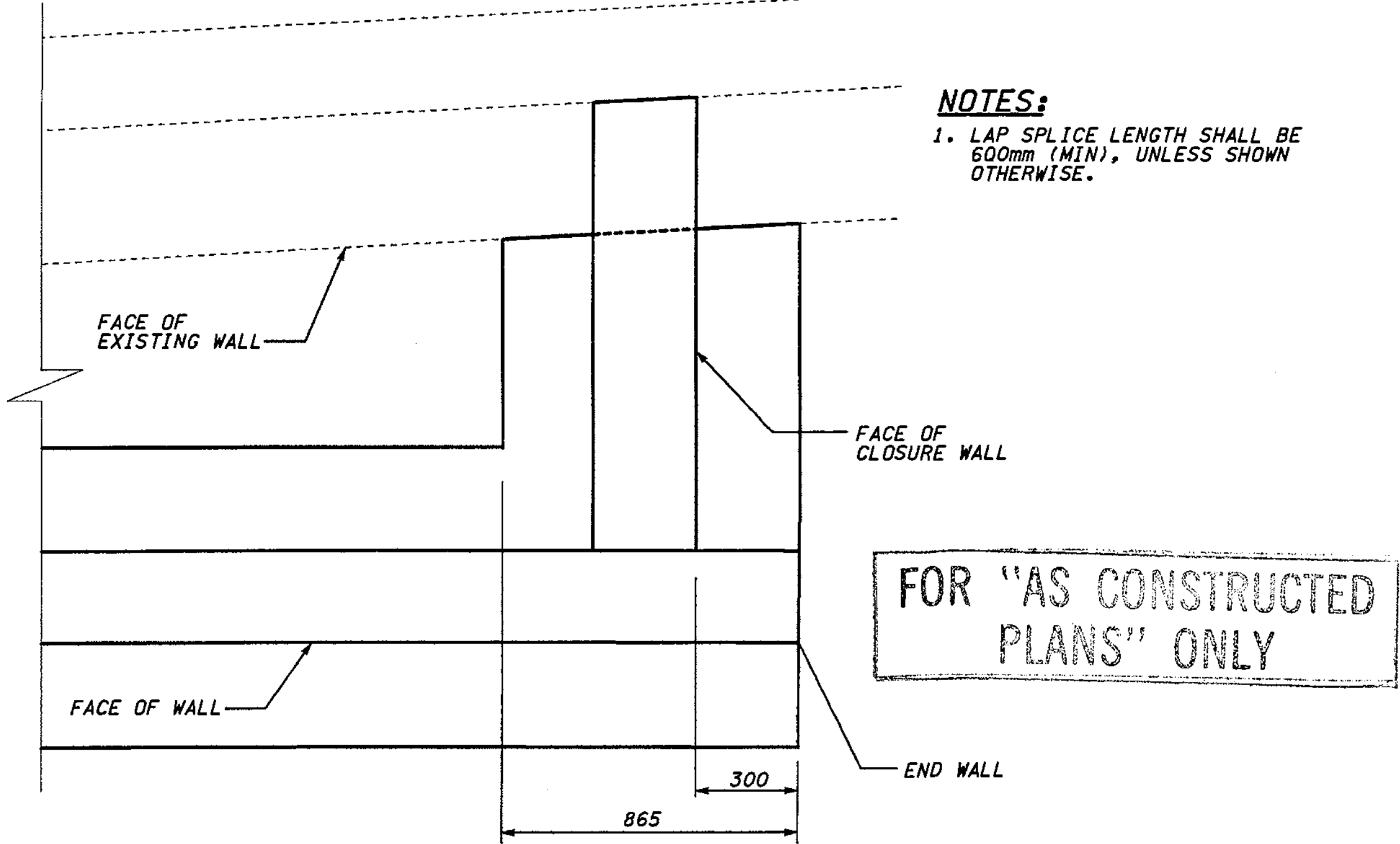
SR 405 JOB NO. SHEET 12/03/2002 10:46:00 AM  
 I Keller



ELEVATION - WALL CDR WEST



PLAN - BEGINNING OF WALL



PLAN - END OF WALL

**NOTES:**  
 1. LAP SPLICE LENGTH SHALL BE 600mm (MIN), UNLESS SHOWN OTHERWISE.

**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR				10	WASH	
DESIGNED BY BTA	12/02			JOB NUMBER		
ENTERED BY JAS	12/02			02A012		
CHECKED BY JHS	12/02			CONTRACT NO.		
PROJD. DYER. D. CIERI	12/02					
REGIONAL ADM. D. DYE	12/02					
DATE	DATE	REVISION	BY			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*Professional Engineer Seal: H. SZYMIEC, LICENSE NO. 23233, REGISTERED PROFESSIONAL ENGINEER, EXPIRES 09/09/04*

12/05/02

Washington State Department of Transportation

HDR ENGINEERING INC.

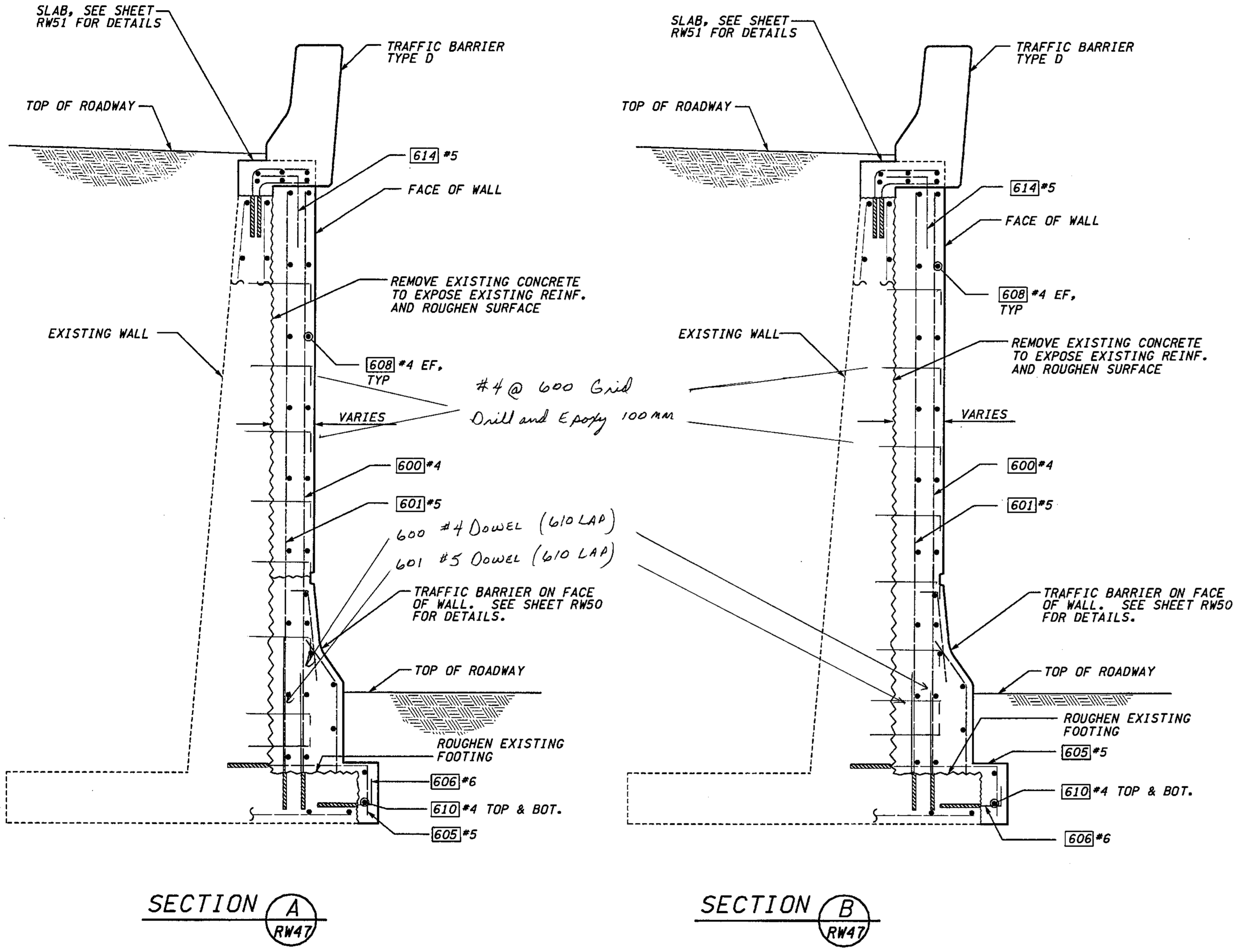
I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.  
 RETAINING WALL CDR WEST

BRIDGE SHEET NO. RW47  
 SHEET 434 OF 1152



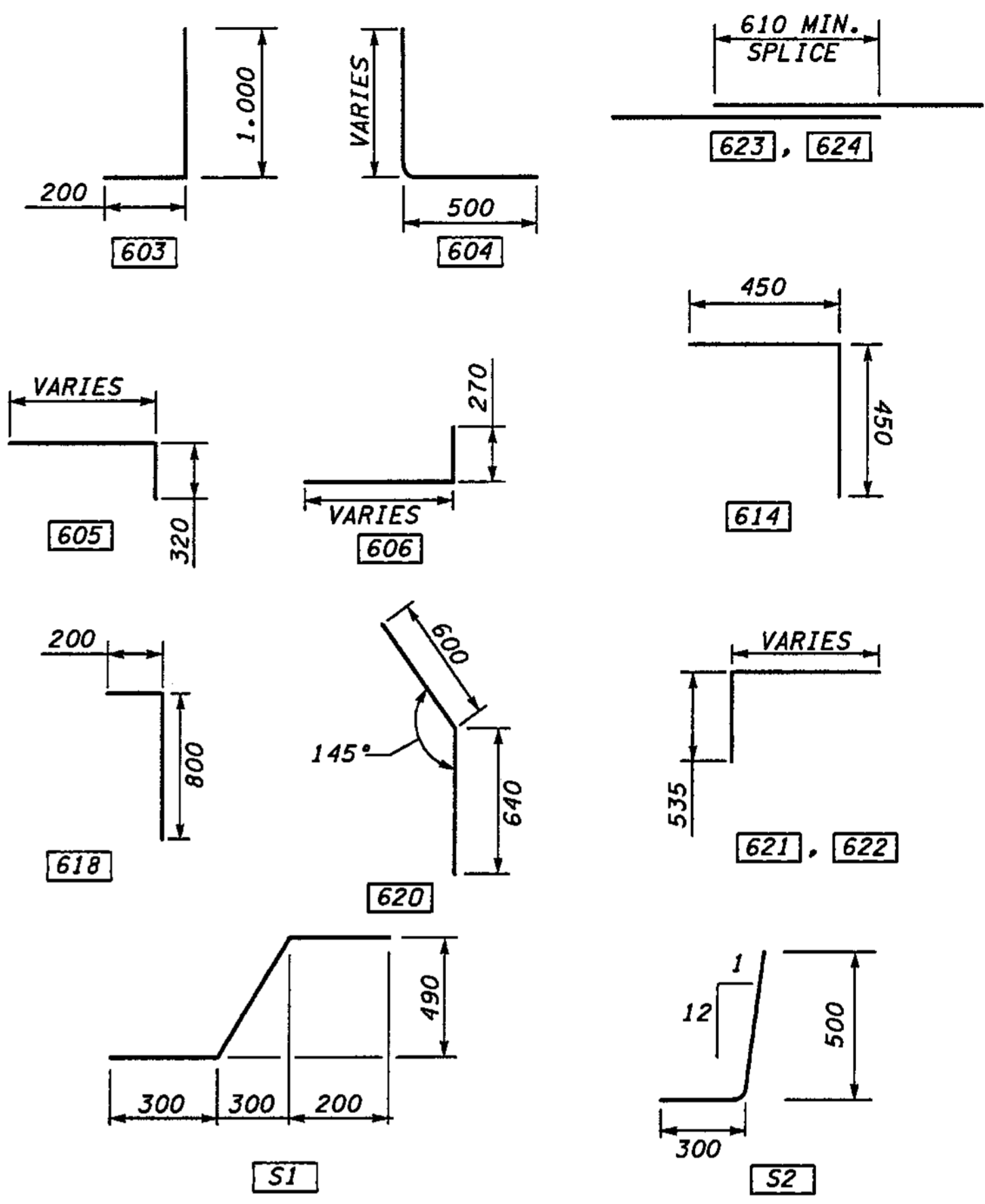
C:\P\TEMP\dms00358\RW048\_C2.dgn

I 405 JOB NO. SHEET 12/03/2002 10:46:07 AM  
Ikeller



WALL CDR WEST BAR LIST			
ALL REINFORCING SHALL BE AASHTO M31, GR. 60			
MARK	SIZE	LENGTH	BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
600	4	(A)	STR.
601	5	(A)	STR.
602	4	(A)	STR.
603	4	1.200	
604	5	(A)	
605	5	(A)	
606	6	(A)	
607	5	760	STR.
608	4	7.170	STR.
609	4	5.890	STR.
610	4	(A)	STR.
611	4	(A)	STR.
612	4	(A)	STR.
613	4	13.210	STR.
614	5	900	
615	5	(A)	STR.
616	4	(A)	STR.
617	5	(A)	STR.
618	4	1.000	
619	4	(A)	STR.
620	4	1.240	
621	5	(A)	
622	5	(A)	
623	5	35.220	STR.
624	5	24.880	STR.
625	5	9.920	STR.
S1	5	1.075	
S2	5	800	

(A) DETERMINE FROM PLANS



**NOTES:**  
1. LAP SPLICE LENGTH SHALL BE 600mm, UNLESS SHOWN OTHERWISE.

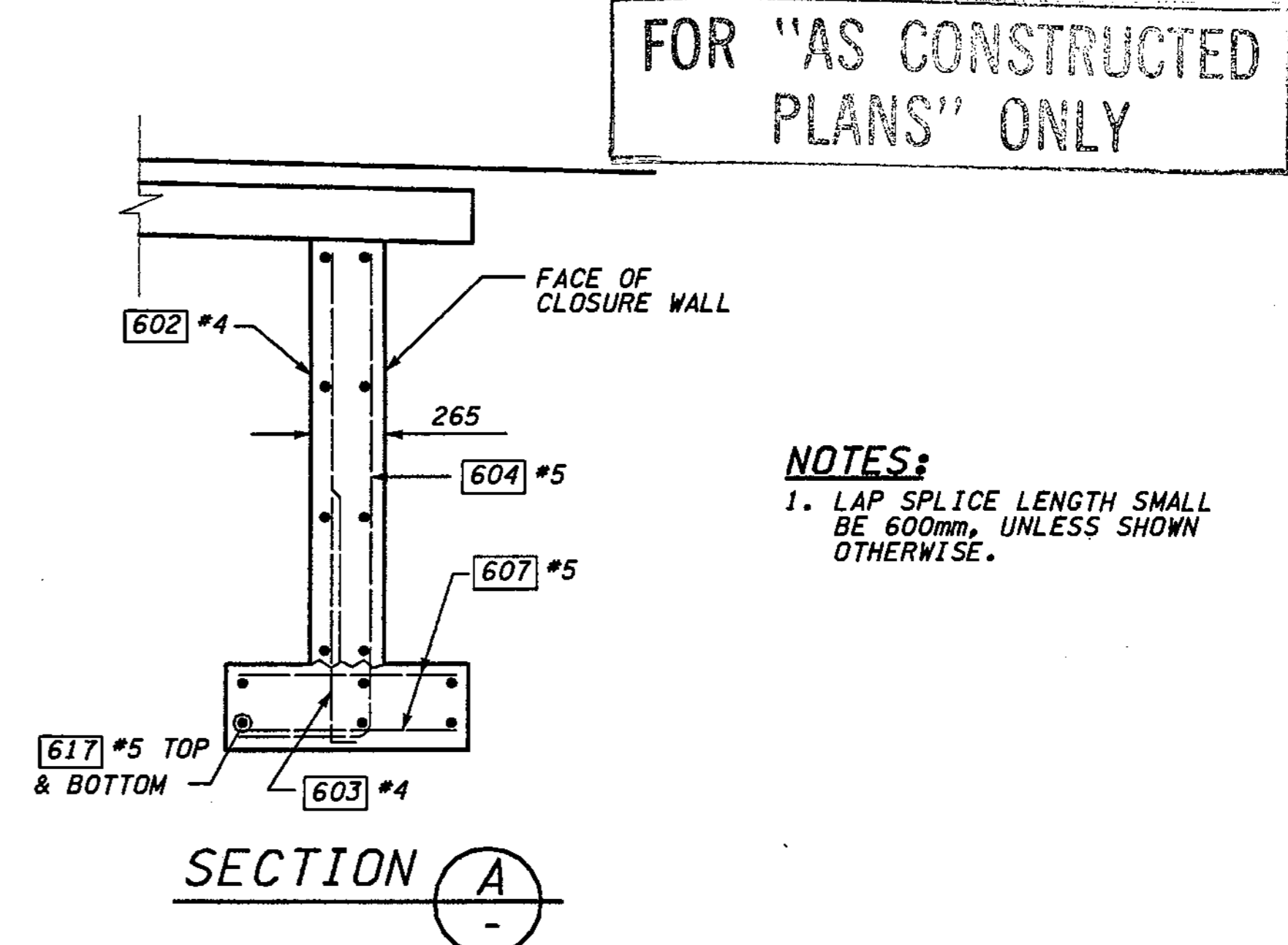
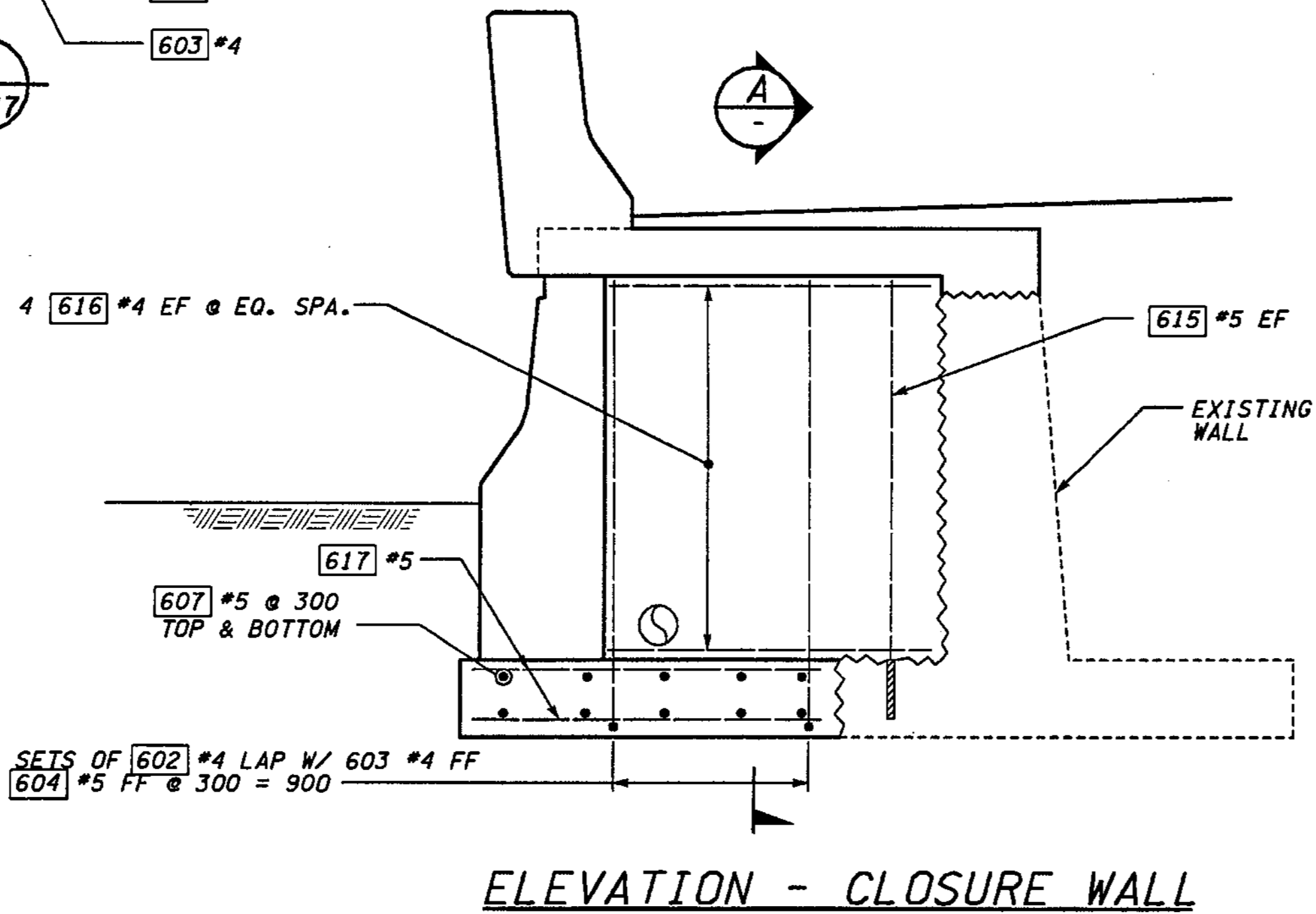
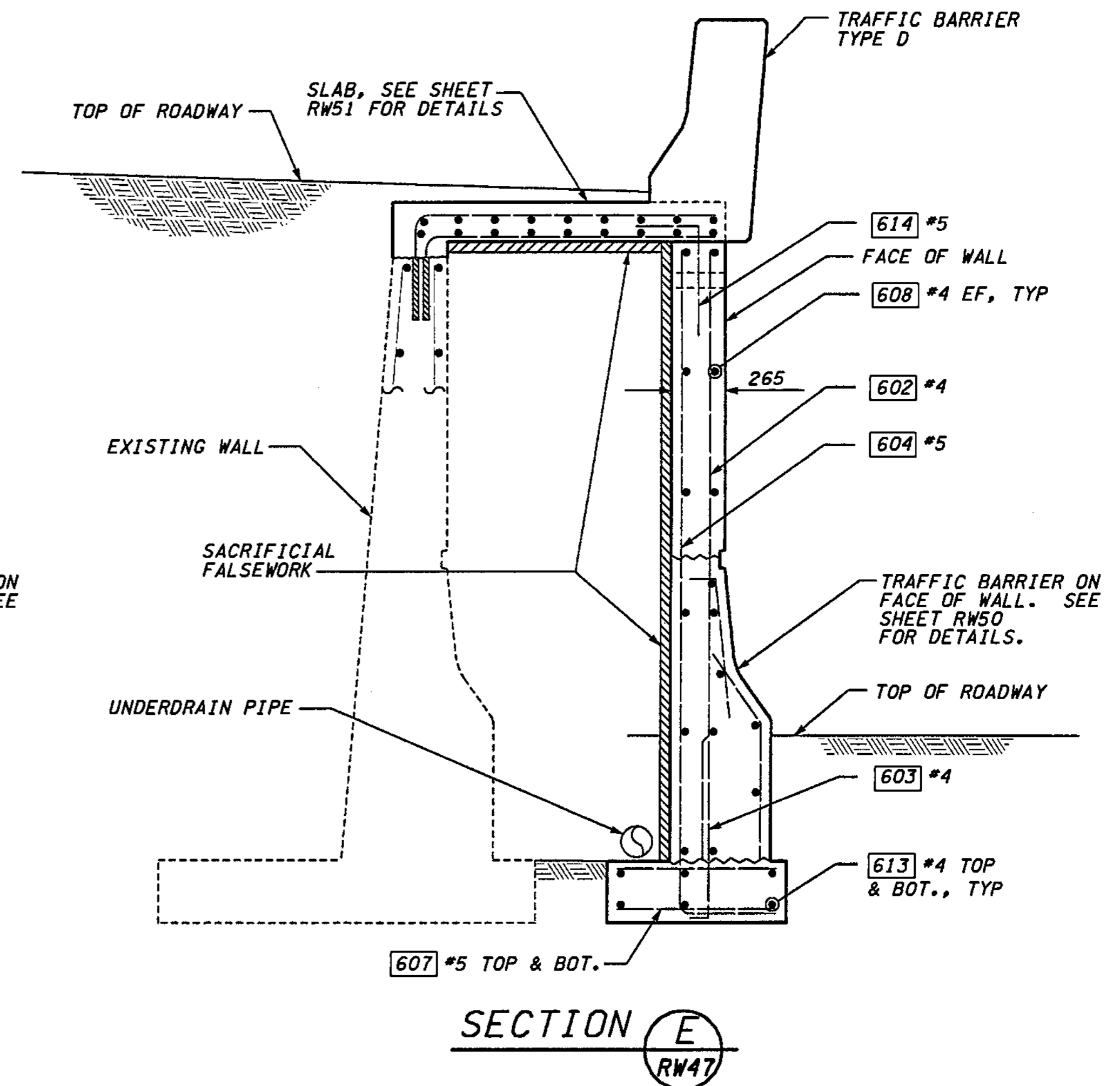
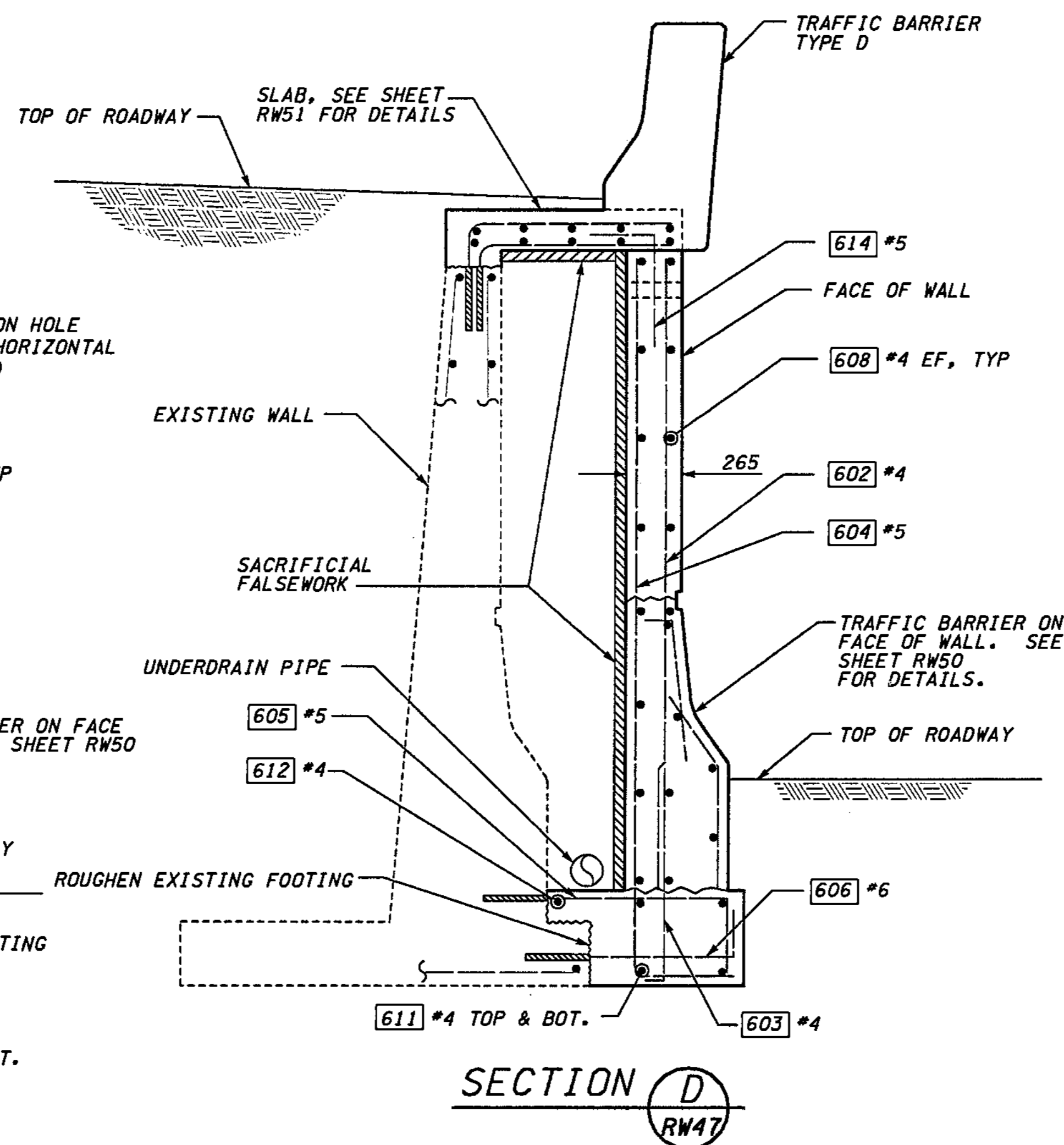
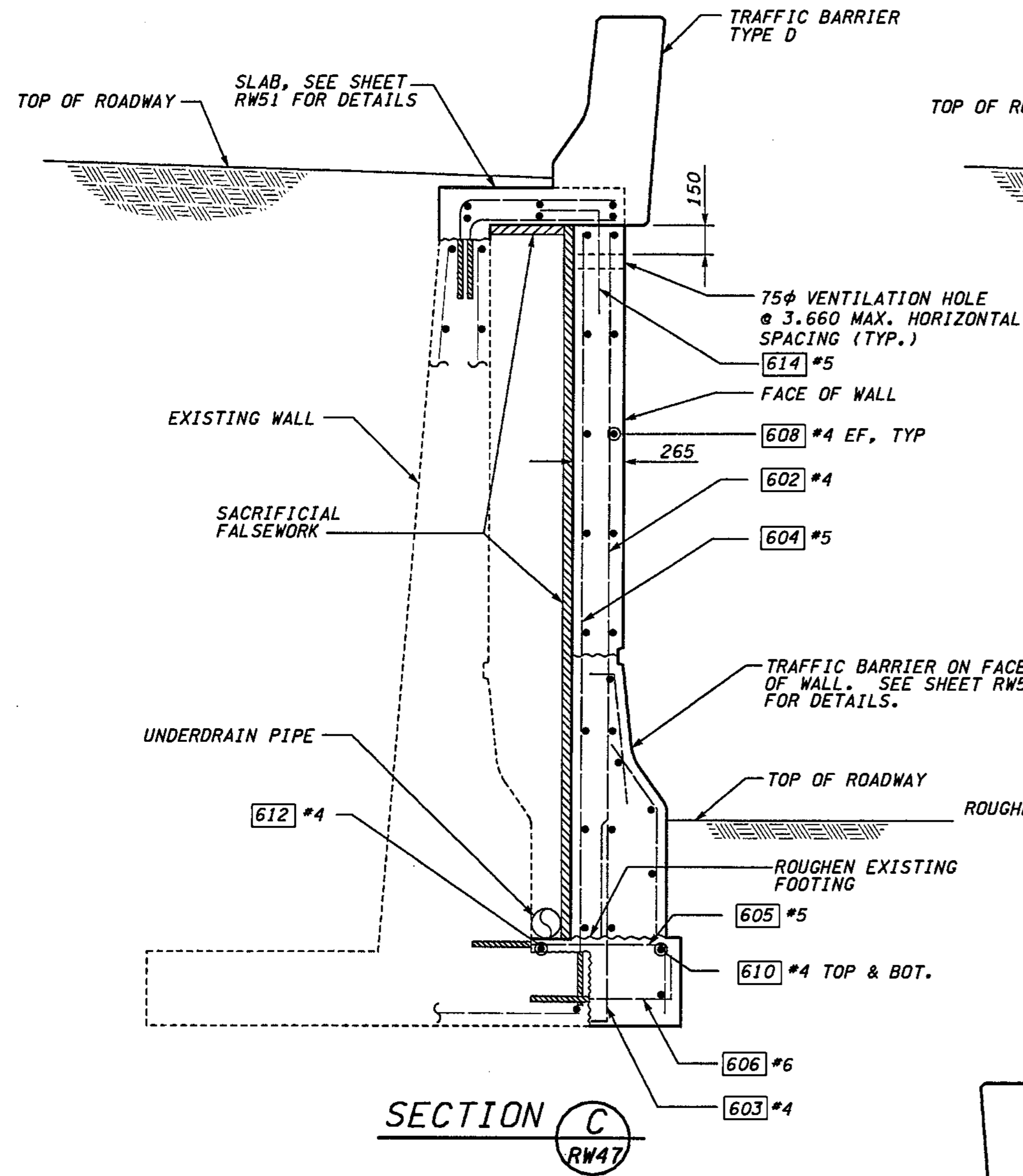
FOR "AS CONSTRUCTED PLANS" ONLY

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO.
SUPERVISOR		10	WASH					RW48
DESIGNED BY	BTA	12/02				RETAINING WALL CDR WEST	SHEET NO.	
ENTERED BY	JAS	12/02					435	
CHECKED BY	JHS	12/02					OF	
PROJ. D. BY	D. CIERI	12/02					1152	
REGIONAL ADM.	D. DYE	12/02					SHEETS	
DATE	DATE	REVISION	BY	CONTRACT NO.				

C:\PWTEMP\dms00358\RW049\_C2.dgn

I 405 JOB NO. SHEET  
 Ikeller 12/03/2002 10:46:16 AM



FOR "AS CONSTRUCTED PLANS" ONLY

NOTES:  
 1. LAP SPLICE LENGTH SHALL BE 600mm, UNLESS SHOWN OTHERWISE.

**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR				10	WASH	
DESIGNED BY	BTA	12/02		JOB NUMBER	02A012	
ENTERED BY	JAS	12/02		CONTRACT NO.		
CHECKED BY	JHS	12/02				
PROJD. DYER, D. CIERI		12/02				
REGIONAL ADM. D. DYE		12/02				
	DATE	DATE	REVISION	BY		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

Washington State Professional Engineer Seal: H. SZYMCA, 12/03/02, EXPIRES 03/03/04

Washington State Department of Transportation

HDR ENGINEERING INC.

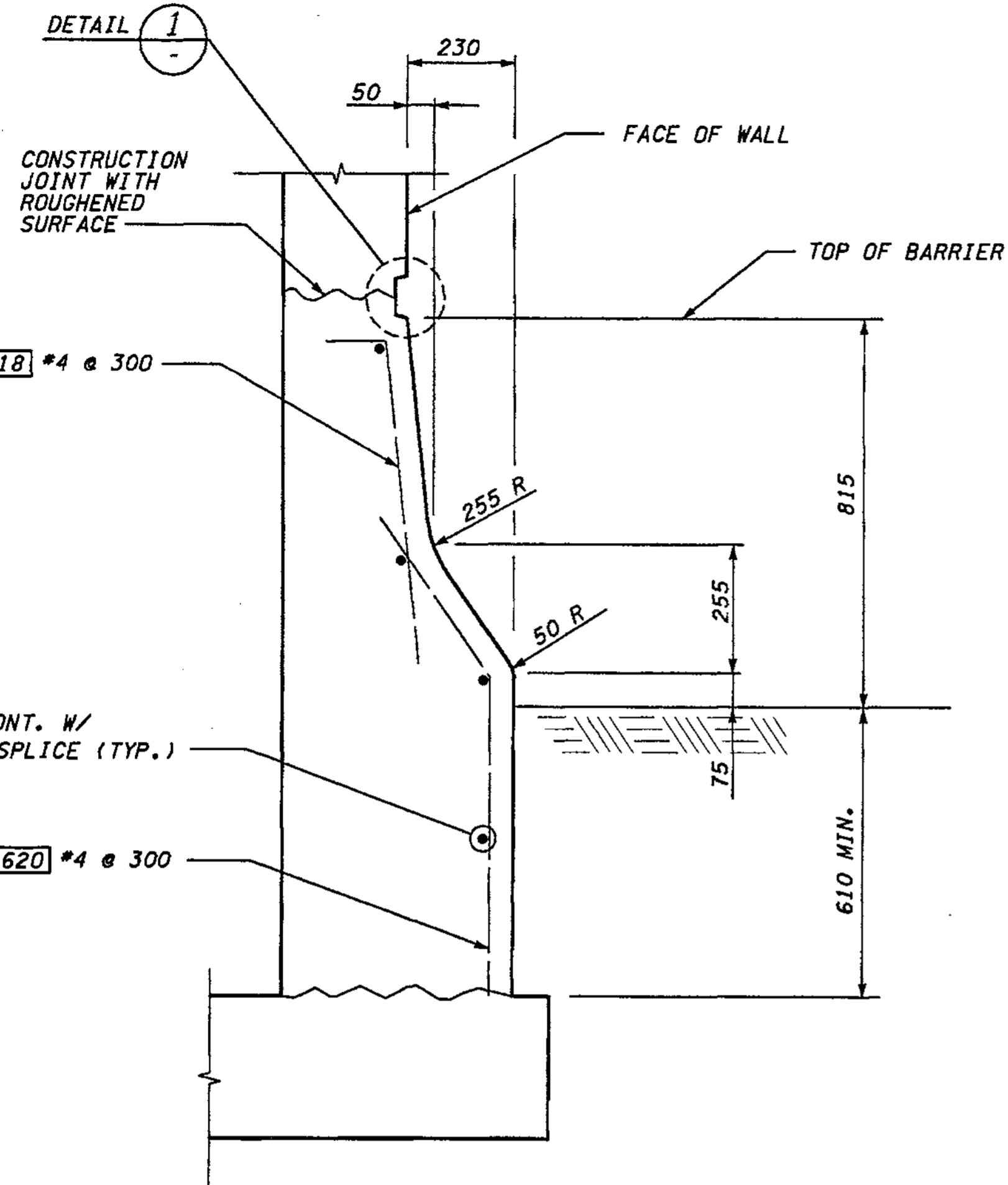
I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST. / NE 6th ST.

RETAINING WALL CDR WEST

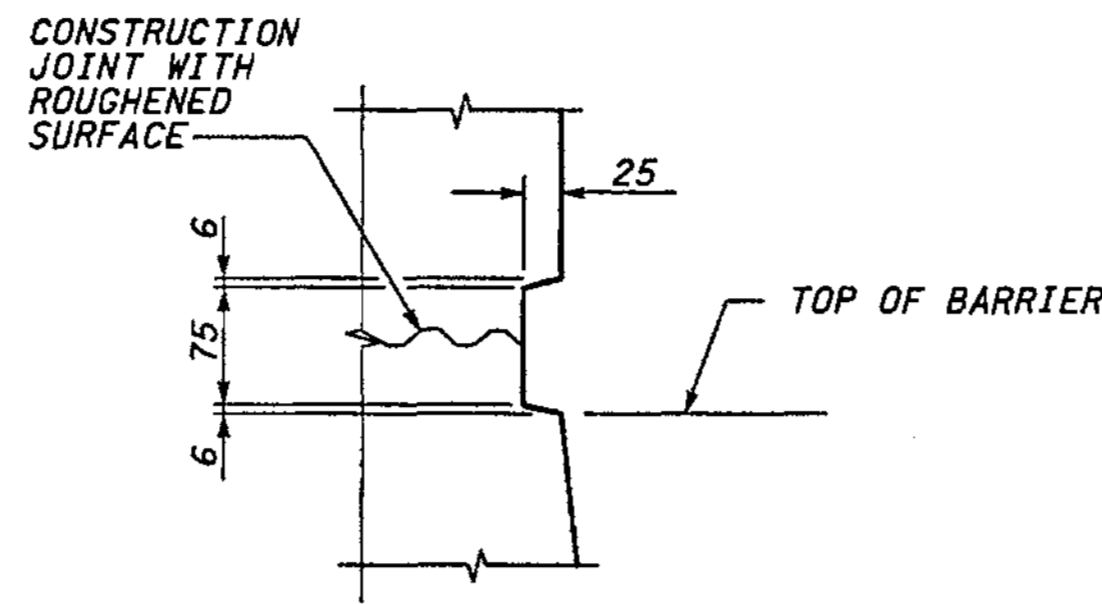
BRIDGE SHEET NO. RW49

SHEET 436 OF 1152 SHEETS

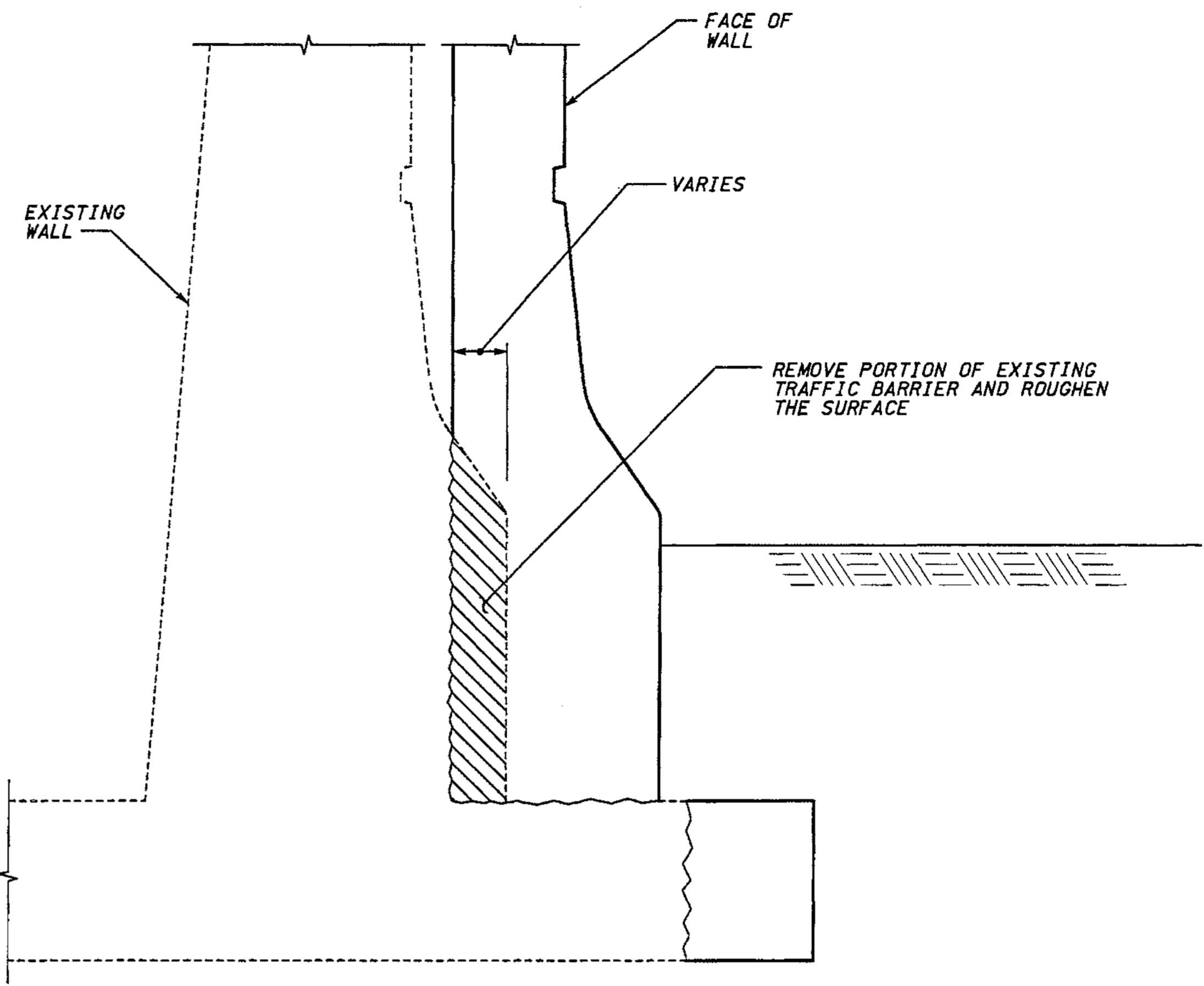




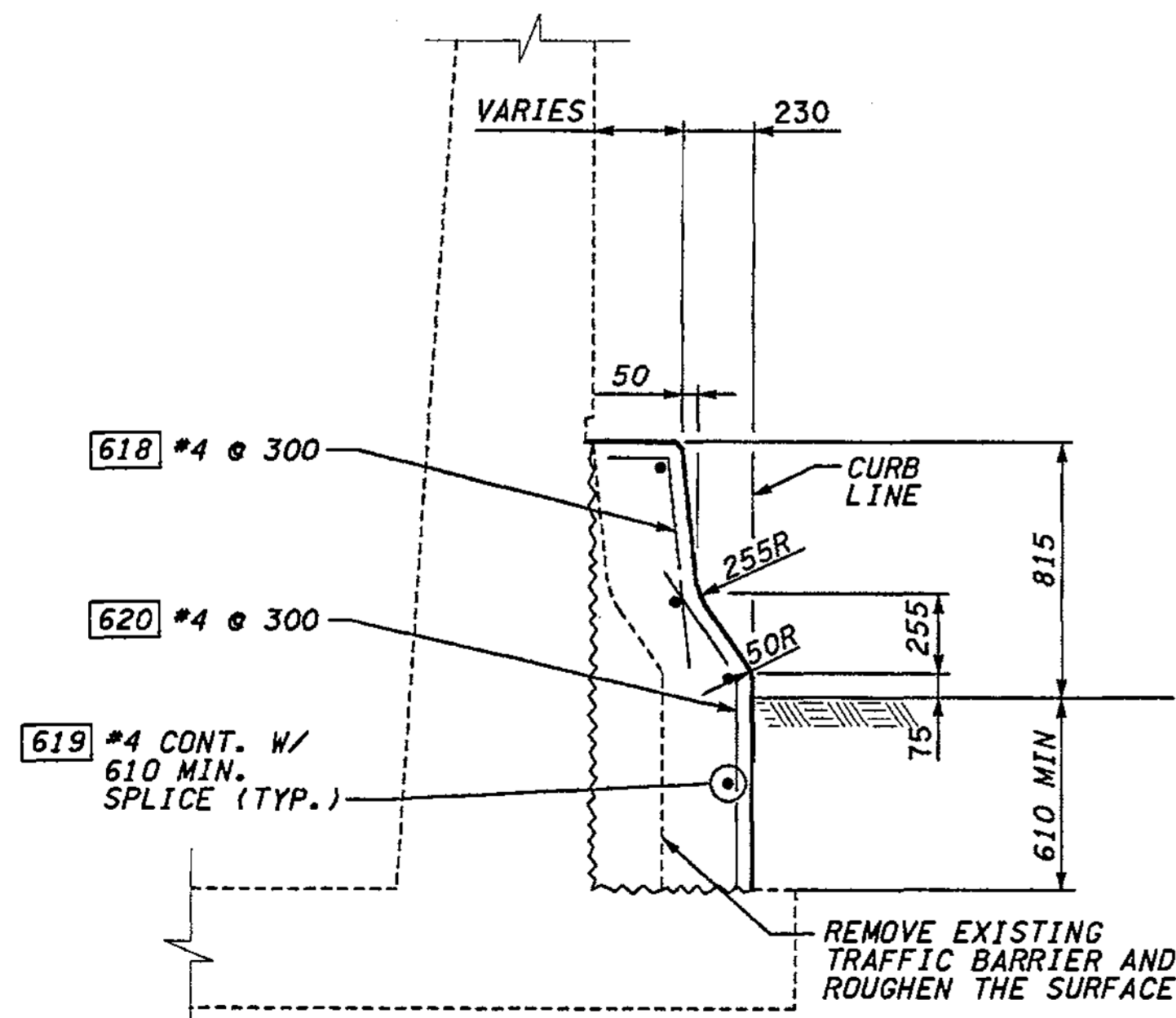
TRAFFIC BARRIER ON FACE OF WALL



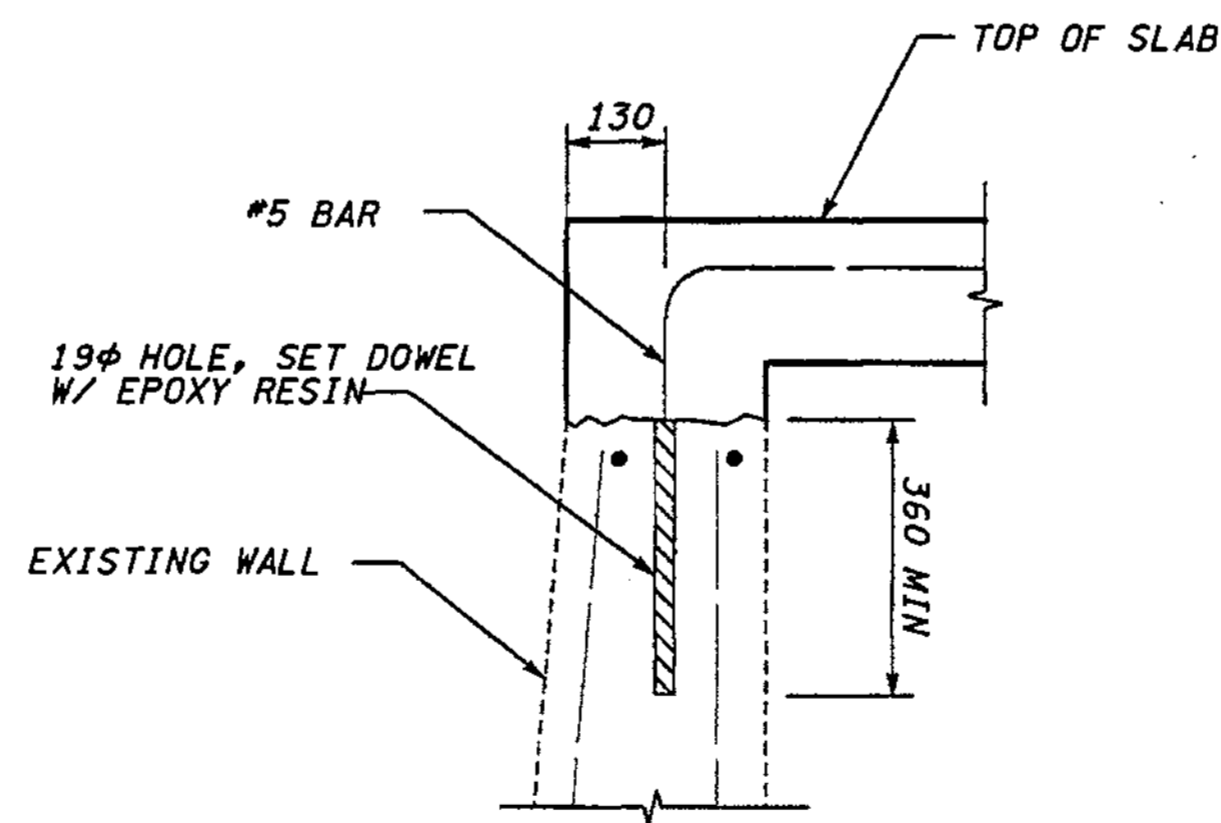
DETAIL 1



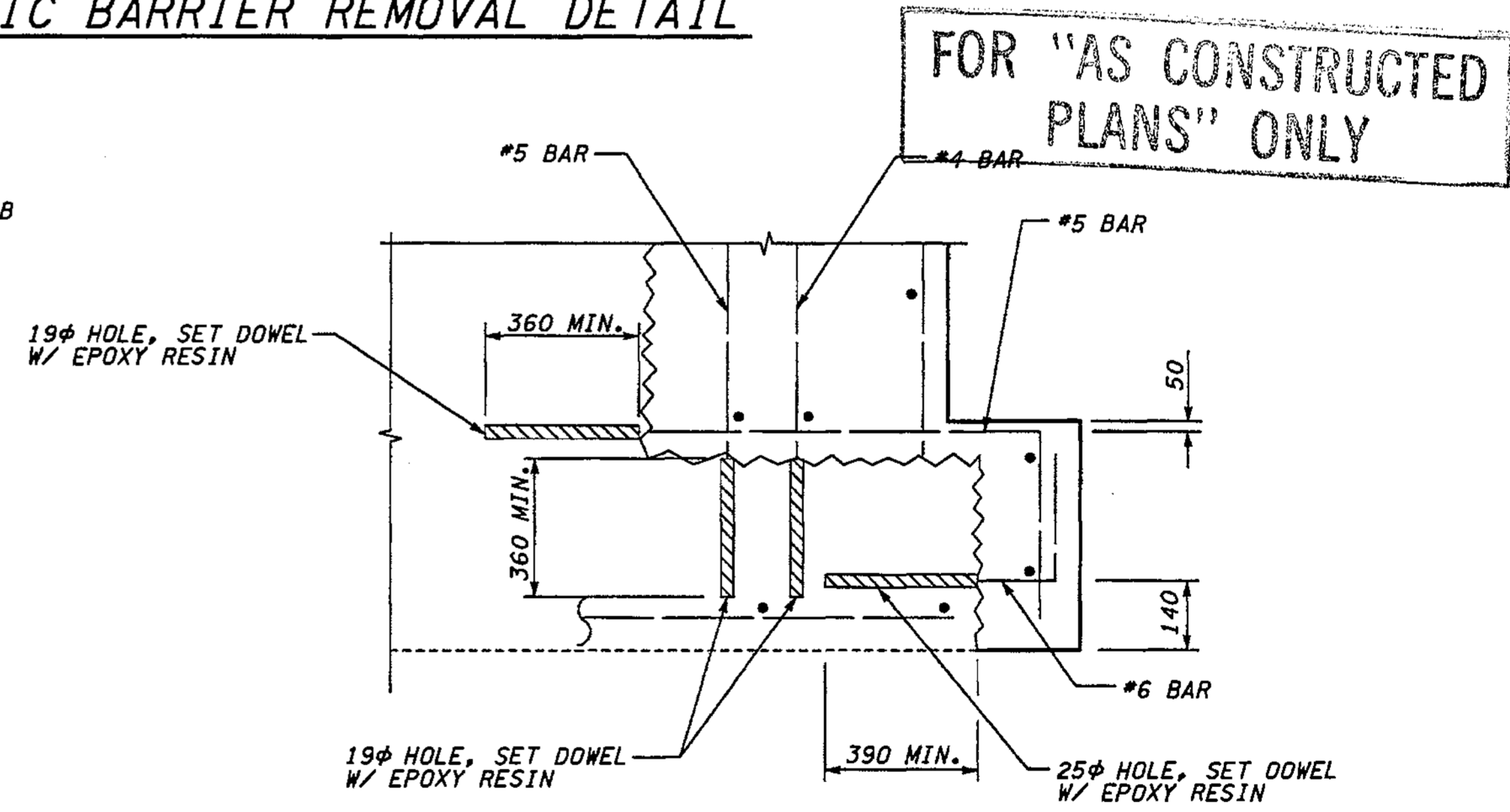
TRAFFIC BARRIER REMOVAL DETAIL



TYPICAL SECTION - TRAFFIC BARRIER ON FACE OF WALL TRANSITION



SLAB REINFORCING DETAIL



FOOTING REINFORCING DETAIL

METRIC LEGEND:  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.			REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR			10	WASH	
DESIGNED BY	BTA	12/02	JOB NUMBER	02A012	
ENTERED BY	JAS	12/02	CONTRACT NO.		
CHECKED BY	JHS	12/02	DATE	REVISION	BY
PROJ.D. DYER, D. CIERI	12/02				
REGIONAL ADM. D. DYE	12/02				

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

Washington State Department of Transportation

HDR ENGINEERING INC.

12/06/02

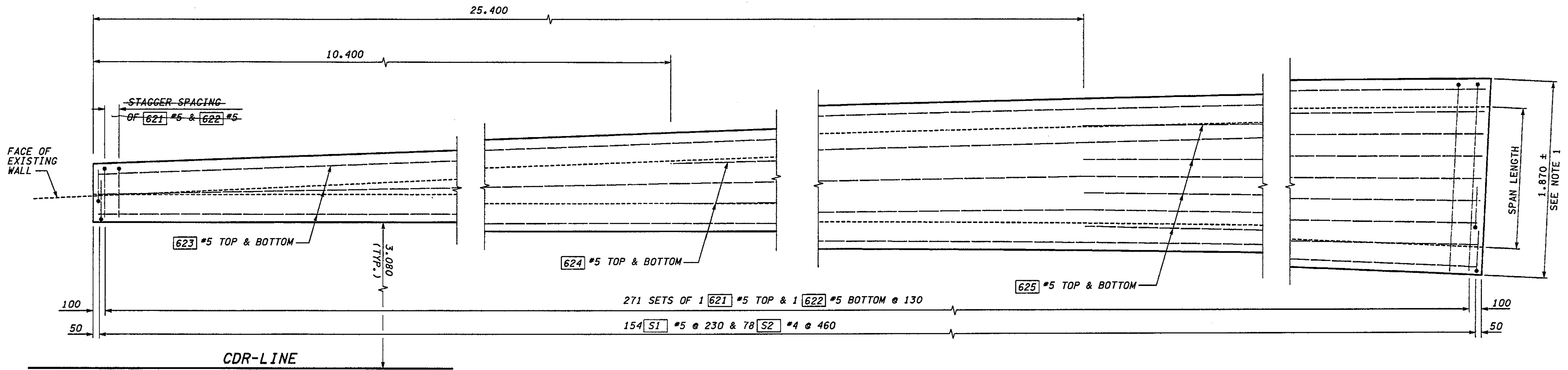
EXPRES 09/09/04

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

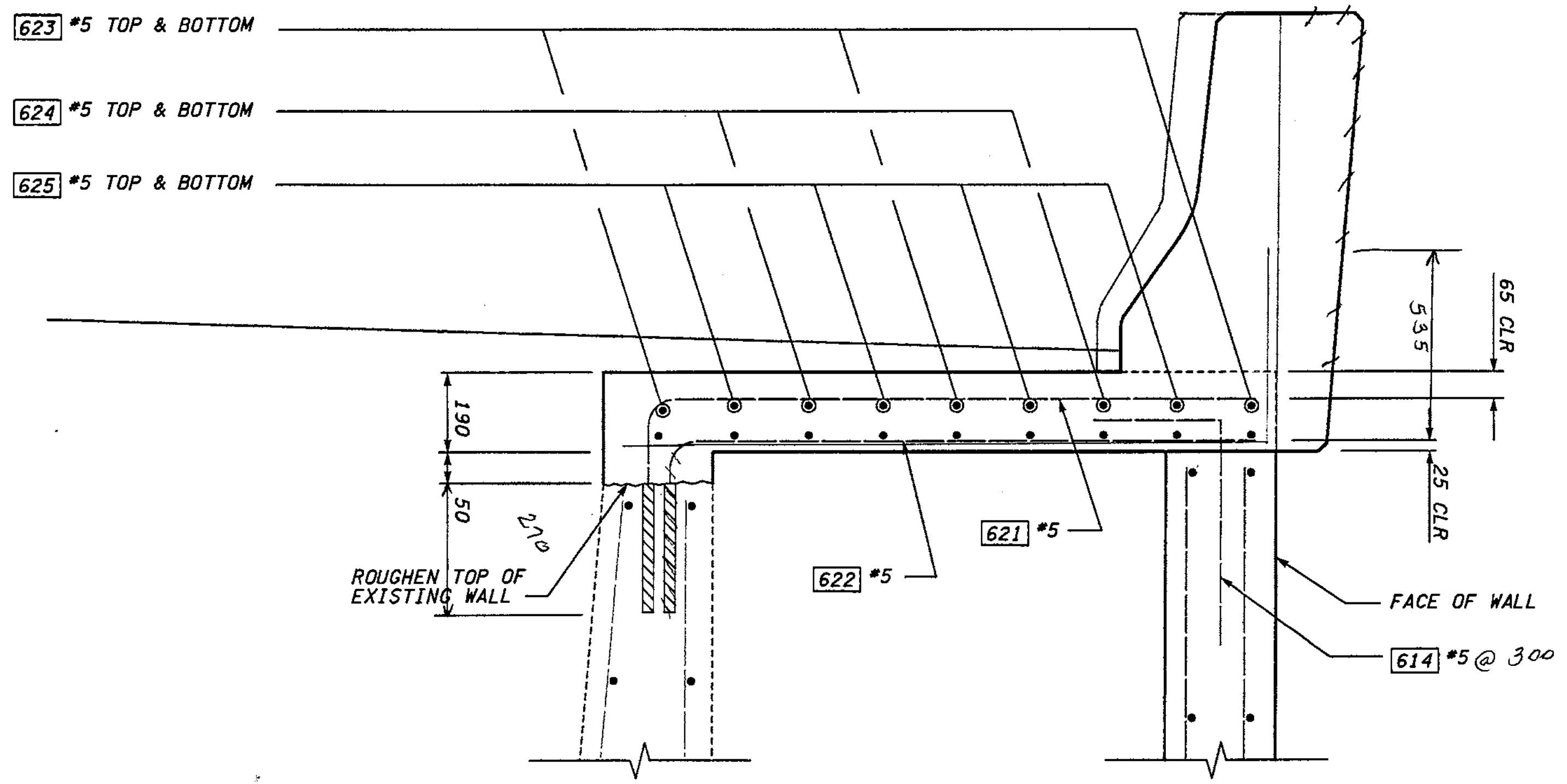
RETAINING WALL CDR WEST

BRIDGE SHEET NO. RW50

SHEET 437 OF 1152 SHEETS



SLAB PLAN - WALL CDR WEST



SLAB TYPICAL SECTION

FOR "AS CONSTRUCTED PLANS" ONLY

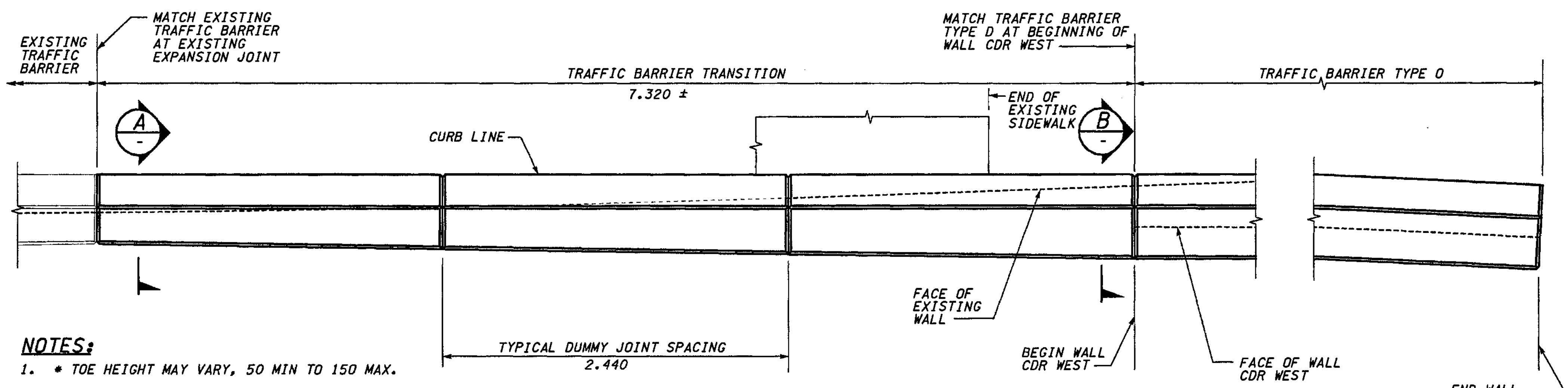
**NOTE:**  
 1. DIMENSION IS APPROXIMATE AND BASED ON SURVEY DATA. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING WALL AND REVISE REINFORCING LENGTHS AS NECESSARY. SLAB DESIGN SHALL BE CHECKED AND REVISED IF SPAN LENGTH IS GREATER THAN 1.600m.

**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED.AID PROJ.NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO.
SUPERVISOR		10	WASH					RW51
DESIGNED BY	BTA	12/02				RETAINING WALL CDR WEST	SHEET NO.	
ENTERED BY	JAS	12/02					438	
CHECKED BY	JHS	12/02					1152	
PROJD.	DYER. D. CIERI	12/02					SHEETS	
REGIONAL ADM.	D. DYE	12/02						
	DATE	DATE	REVISION	BY				



L 405 JOB NO. SHEET 12/03/2002 10:46:43 AM keller



### TRAFFIC BARRIER BAR LIST

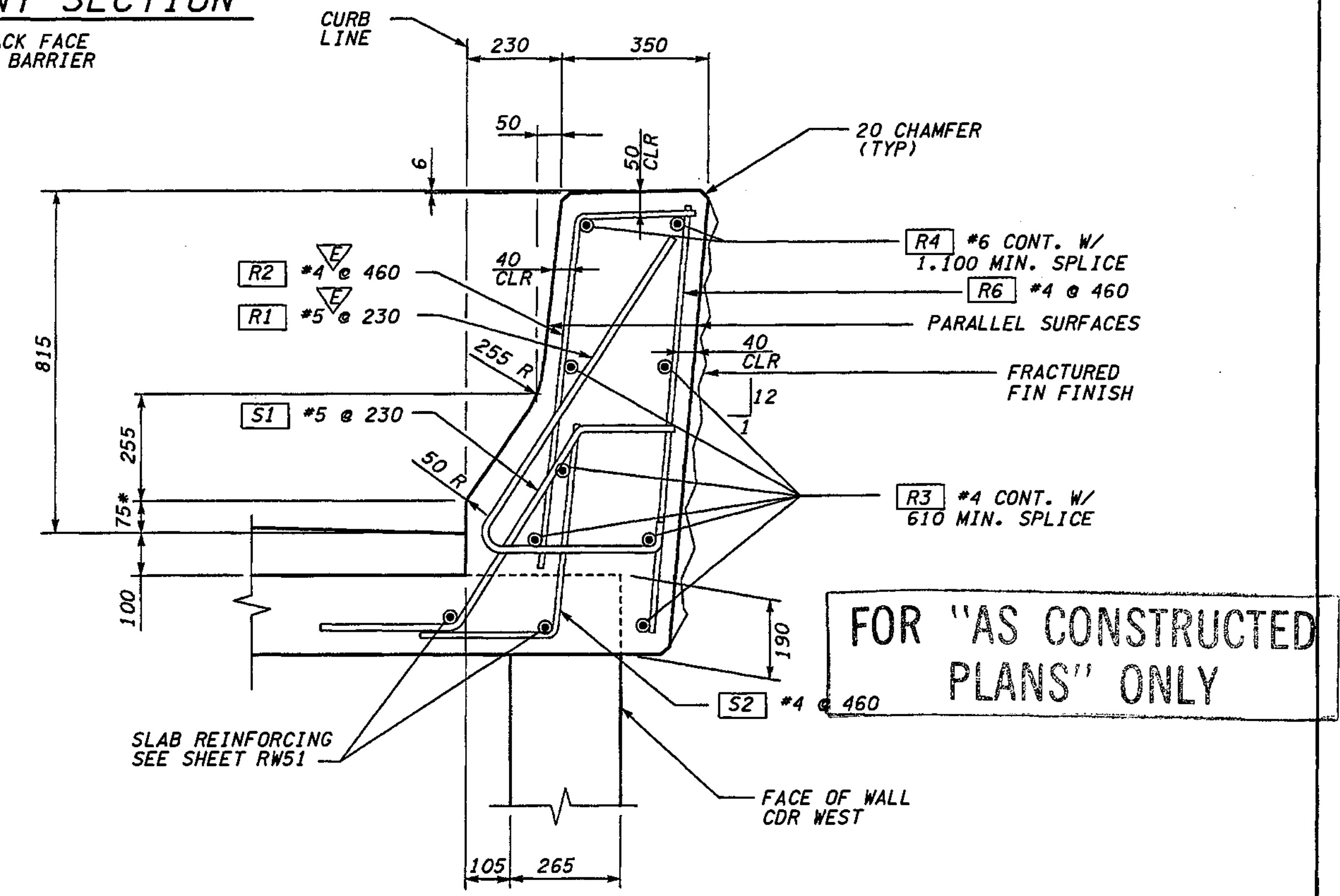
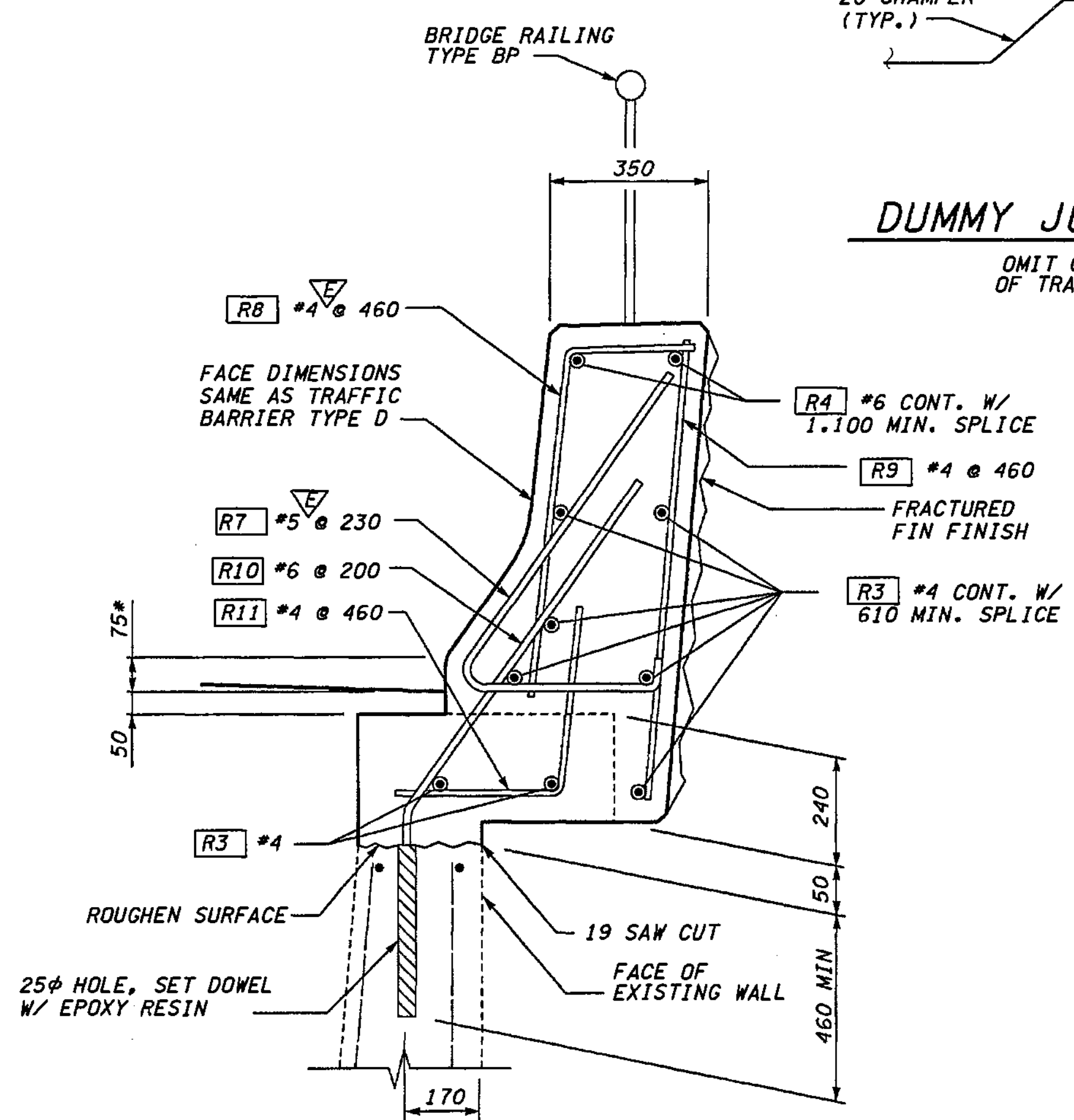
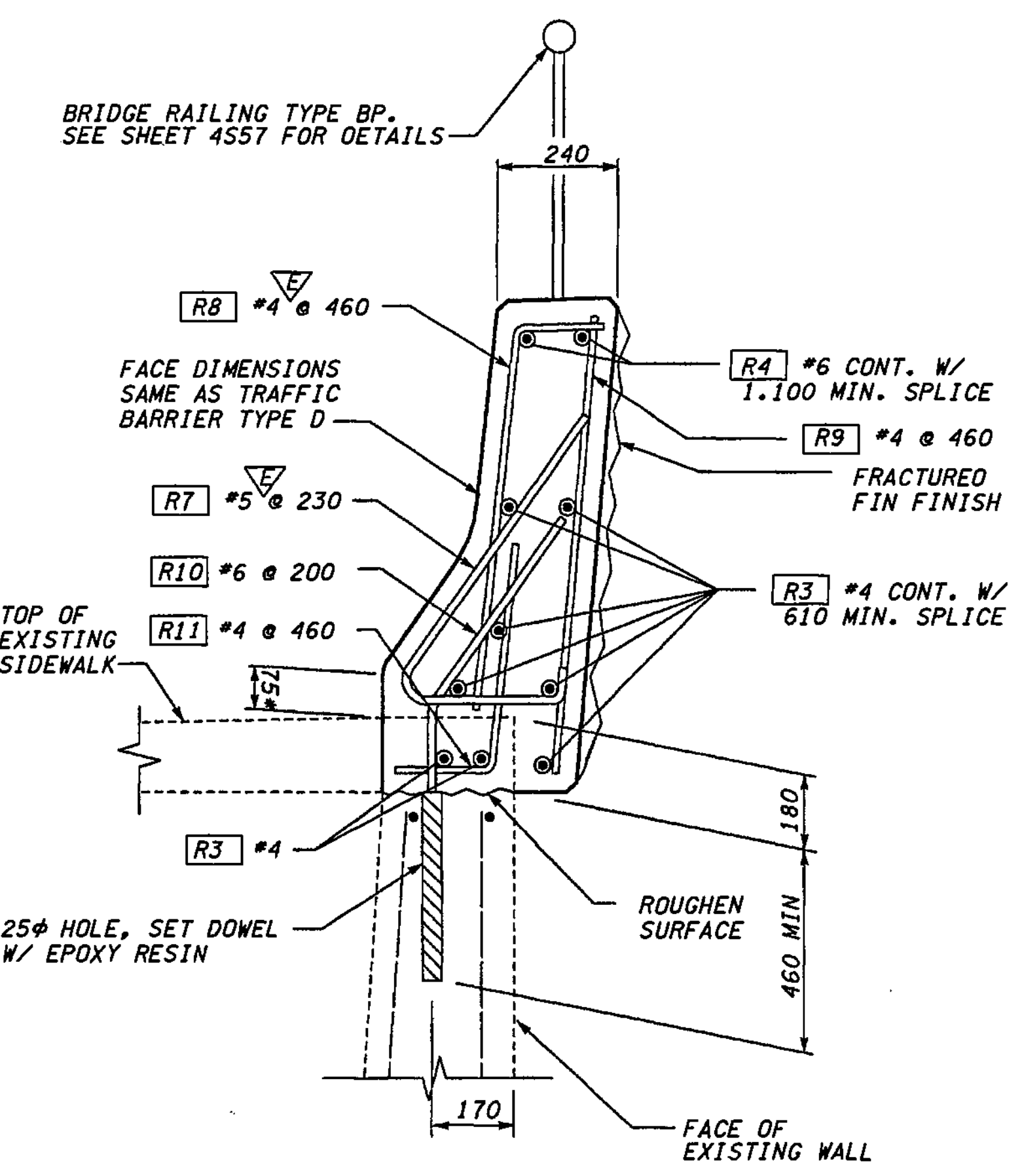
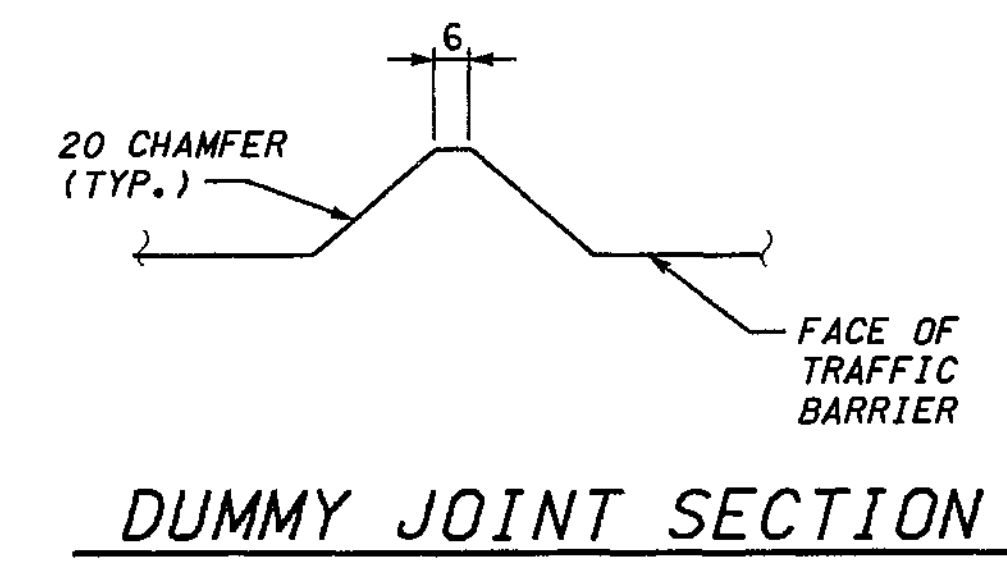
ALL REINFORCING SHALL BE AASHTO M31, GR. 60

MARK	SIZE	LENGTH	BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
R1	5	1.400	
R2	4	1.115	
R3	4	(A)	
R4	6	(A)	
R6	4	1.025	
R7	5	(A)	
R8	4	(A)	
R9	4	(A)	
R10	6	(A)	
R11	4	(A)	

(A) DETERMINE FROM PLANS

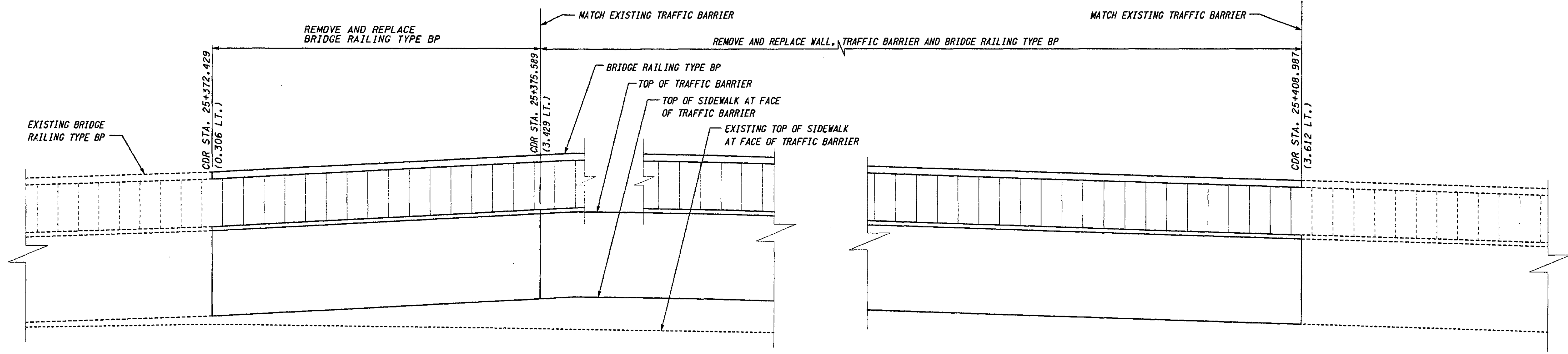
- NOTES:**
- \* TOE HEIGHT MAY VARY, 50 MIN TO 150 MAX.
  - HEIGHT OF TRAFFIC BARRIER MAY VARY IF REQUIRED TO PROVIDE A PROFILE PLEASING TO THE EYE.
  - CORE DRILLED HOLES SHALL HAVE 75mm MIN. CLEARANCE FROM EDGE OF CONCRETE AND 25mm MIN. CLEARANCE FROM EXISTING REINFORCING BARS.

**PLAN - TRAFFIC BARRIER**

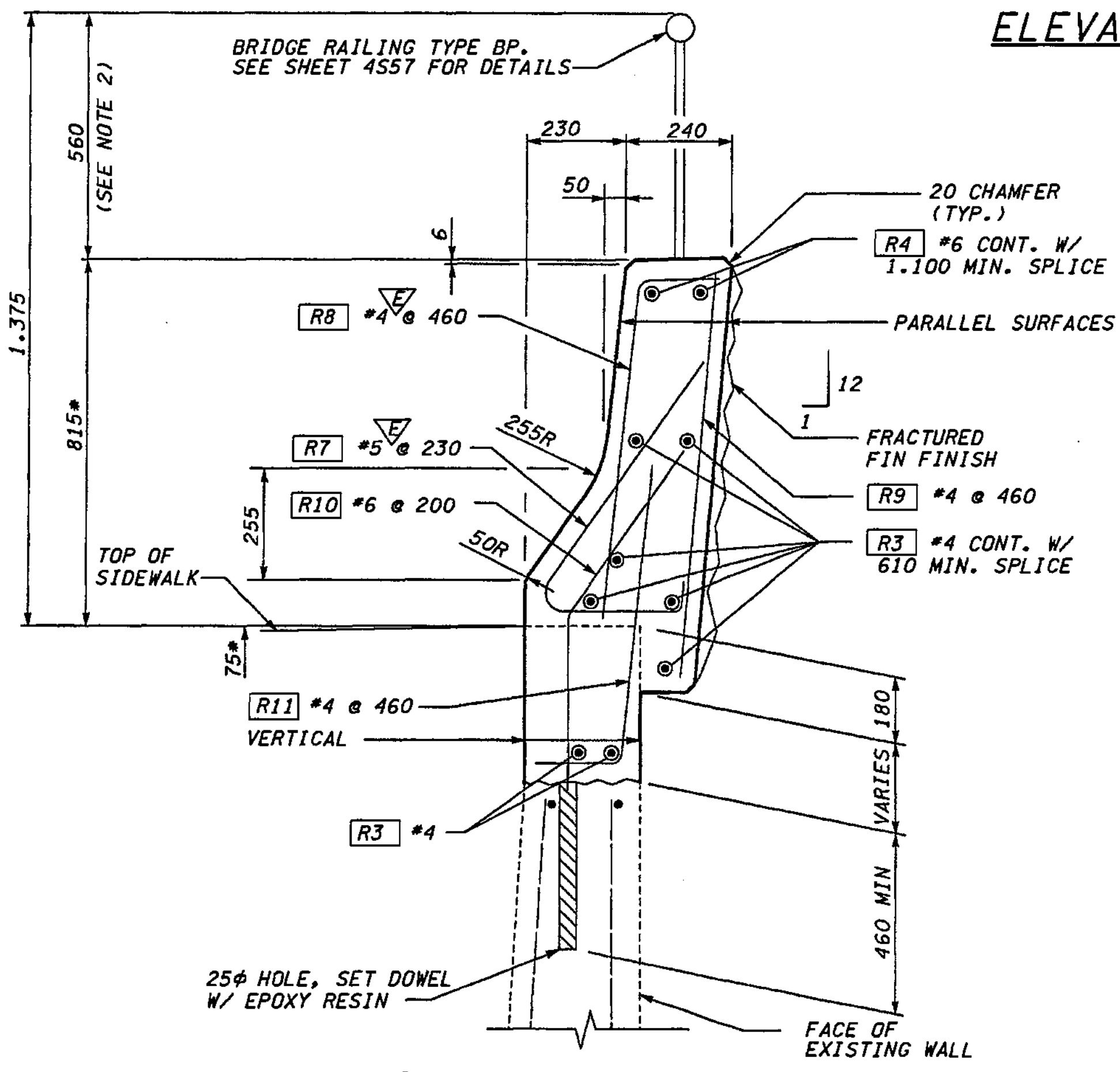


**METRIC LEGEND:**  
 29.175 DENOTES METERS  
 175 DENOTES MILLIMETERS

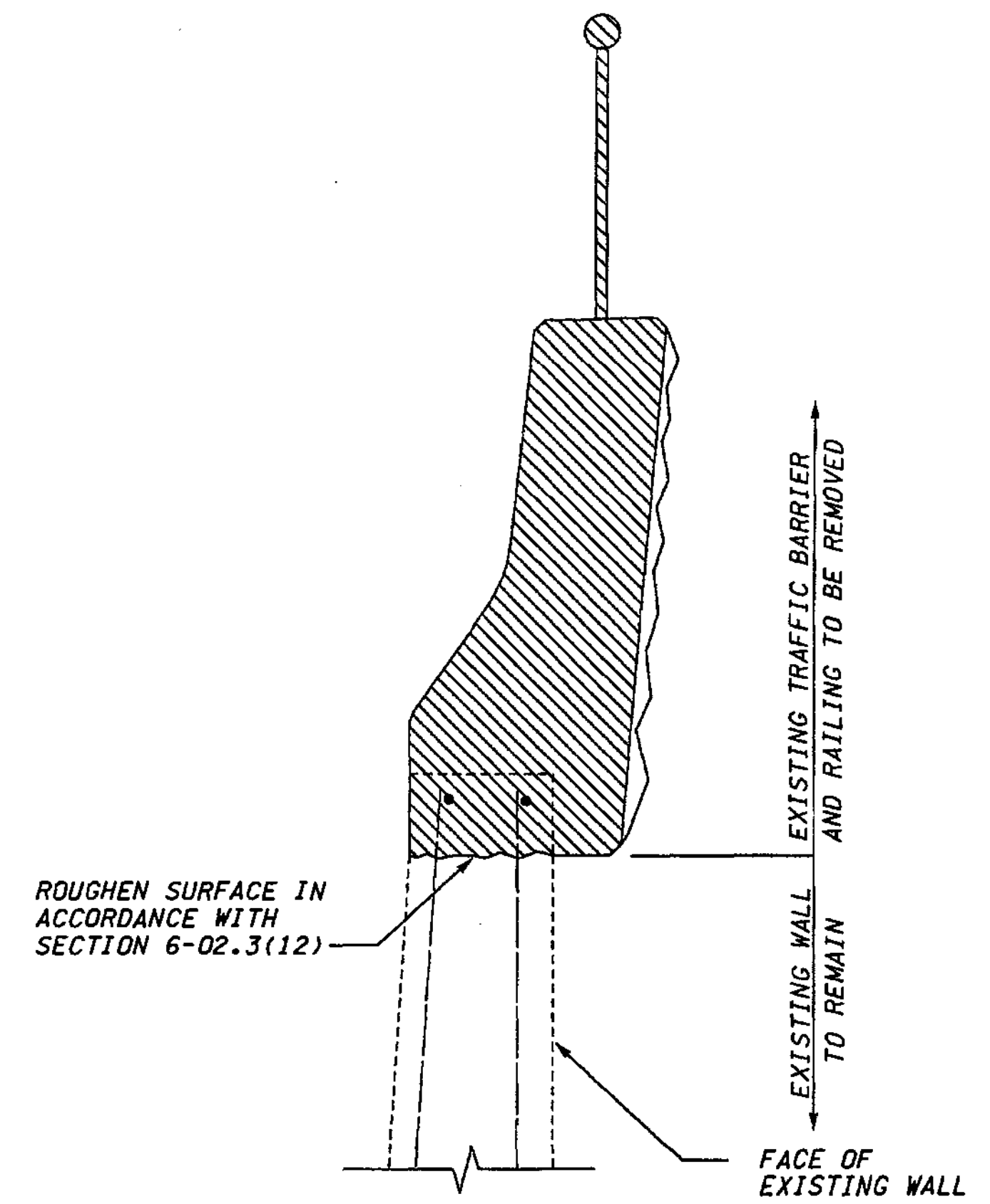
BRIDGE DESIGN ENGR. SUPERVISOR	DESIGNED BY BTA 12/02	ENTERED BY JAS 12/02	CHECKED BY JHS 12/02	PROJ. DYER, D. CIERI 12/02	REGIONAL ADM. D. DYE 12/02	DATE	DATE	REVISION	BY	REGION NO. 10	STATE WASH	FED. AID PROJ. NO.	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER	Washington State Department of Transportation	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW52
										JOB NUMBER 02A012	CONTRACT NO.			RETAINING WALL CDR WEST	SHEET 439 1152 SHEETS	



**ELEVATION - TRAFFIC BARRIER REPLACEMENT**



**TYPICAL SECTION - TRAFFIC BARRIER REPLACEMENT**



**PARTIAL WALL & TRAFFIC BARRIER REMOVAL DETAILS**

- NOTES:**
- \* HEIGHT OF TRAFFIC BARRIER MAY VARY TO PROVIDE A PROFILE PLEASING TO THE EYE OR TO MATCH EXISTING TRAFFIC BARRIER.
  - HEIGHT OF BRIDGE RAILING MAY VARY TO MAINTAIN THE MINIMUM HEIGHT ABOVE TOP OF SIDEWALK OF 1.375m.

FOR "AS CONSTRUCTED PLANS" ONLY

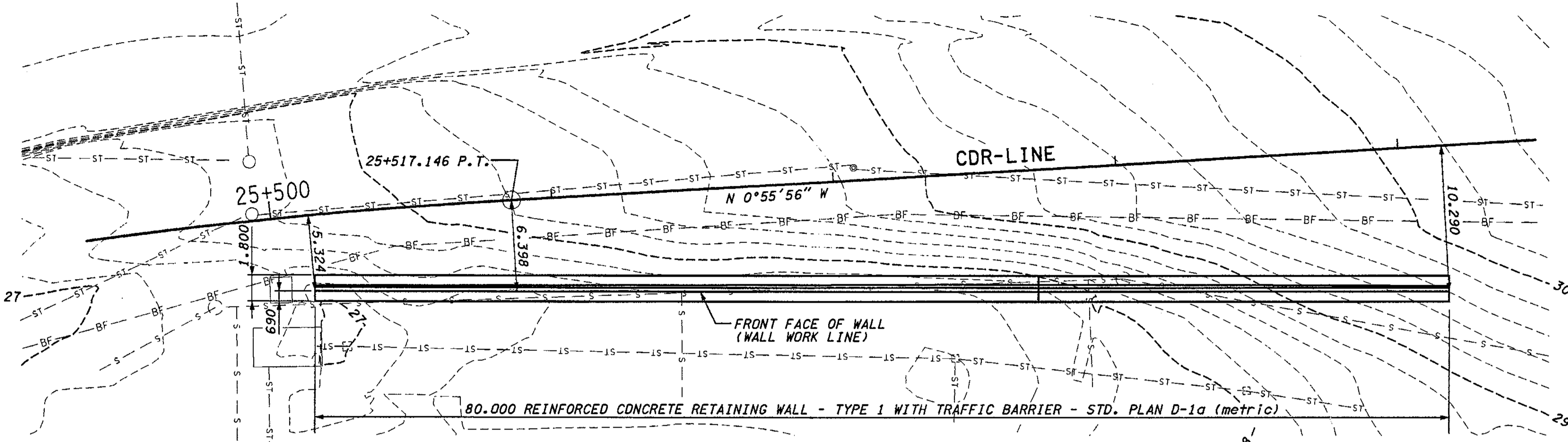
**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW53
SUPERVISOR		10	WASH					
DESIGNED BY	BTA	12/02			JOB NUMBER 02A012		RETAINING WALL CDR WEST	SHEET 440 1152 SHEETS
ENTERED BY	JAS	12/02						
CHECKED BY	JHS	12/02			CONTRACT NO.			
PROJD.	DYER, D. CIERI	12/02			DATE			
REGIONAL ADM.	D. DYE	12/02			DATE			
		DATE	DATE	REVISION	BY			



SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

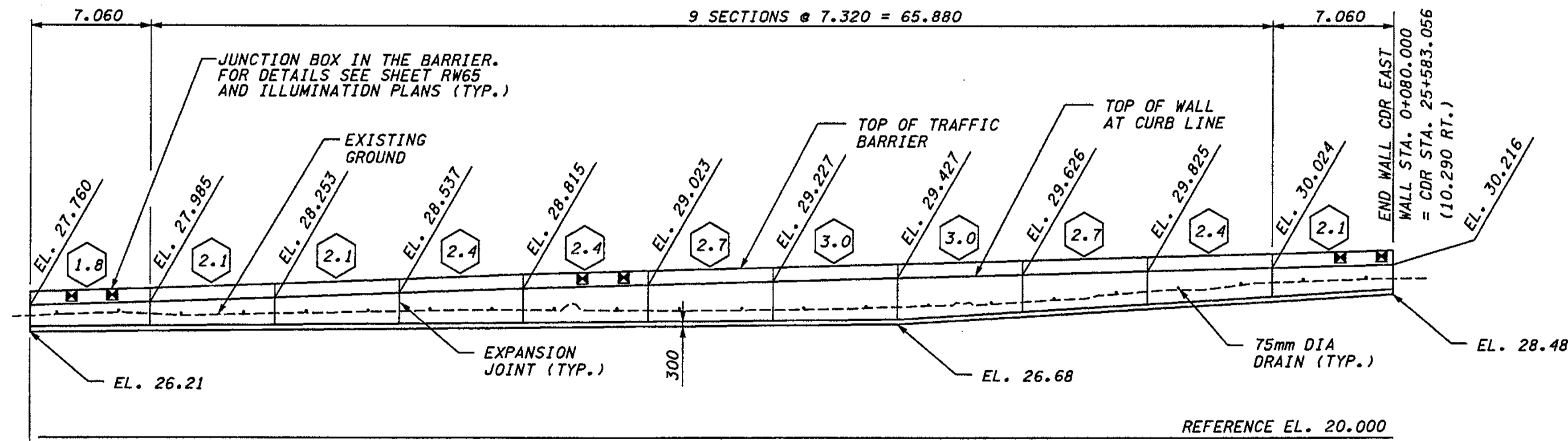
I 405



PLAN - WALL CDR EAST

NOTES:

- FOR WALL TYPICAL SECTION REFER TO STANDARD PLAN D-1A (METRIC).
- OFFSET SHOWN SHALL BE MEASURED FROM CDR-LINE TO FRONT FACE OF WALL.
- THE CONTRACTOR SHALL DETERMINE OFFSETS (OFFSETS BETWEEN THOSE SHOWN IN THE PLANS) BY STRAIGHT LINE INTERPOLATION BETWEEN OFFSETS SHOWN.



ELEVATION - WALL CDR EAST

JUNCTION BOX LOCATIONS RETAINING WALL CDR EAST			
STATION:CDR-LINE	TYPE	SIZE (mm)	LOCATION
25+505.00	SPARE	460x205x205	IN BARRIER
25+507.40	SPARE	460x205x205	IN BARRIER
25+535.00	SPARE	460x205x205	IN BARRIER
25+537.40	SPARE	460x205x205	IN BARRIER
25+580.00	SPARE	460x205x205	IN BARRIER
25+582.40	SPARE	460x205x205	IN BARRIER

FOR "AS CONSTRUCTED  
PLANS" ONLY

DATUM  
NAVD OF 1988

METRIC LEGEND:

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

LEGEND:

2.1 DESIGNATES DIMENSION H (m), AS SHOWN ON STD. PLAN D-1a (metric)

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR		10	WASH	
DESIGNED BY KJW	12/02	JOB NUMBER		
ENTERED BY JAS	12/02	02A012		
CHECKED BY JHS	12/02	CONTRACT NO.		
PROJ. ENGR. D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/02/02

Washington State Department of Transportation

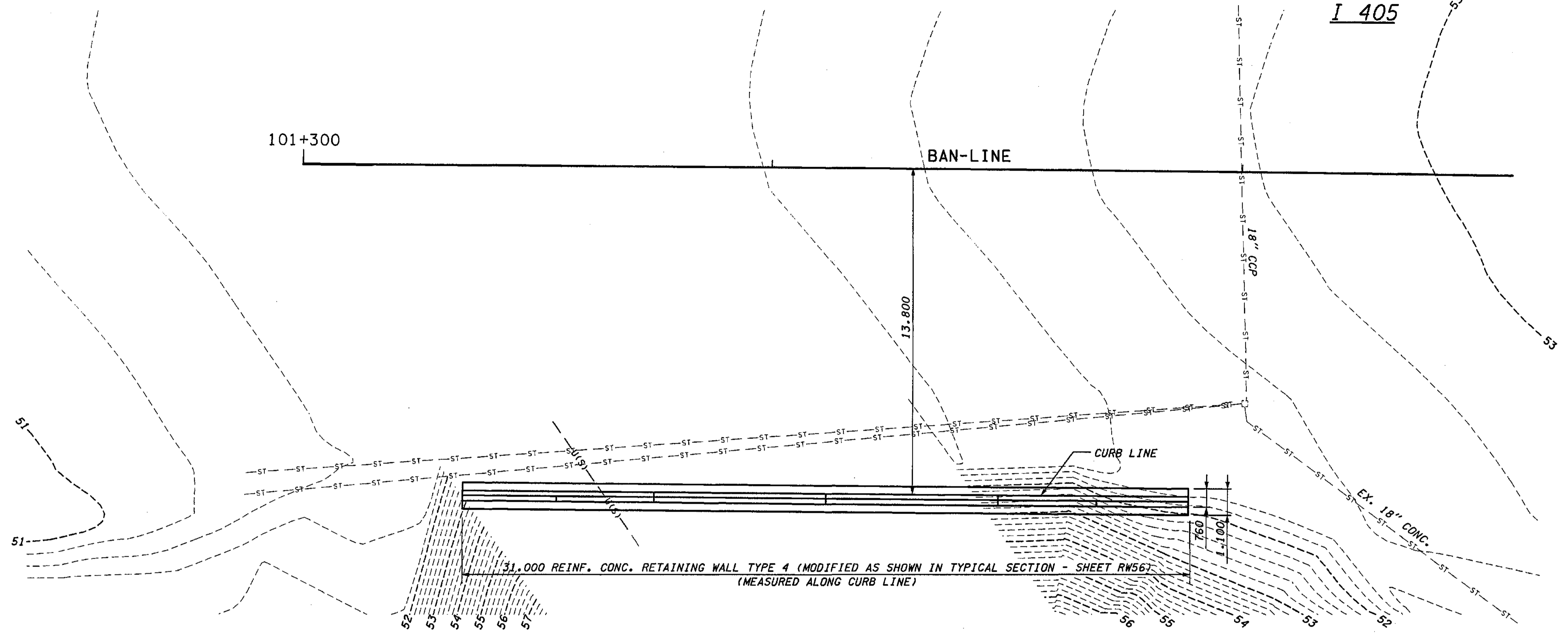
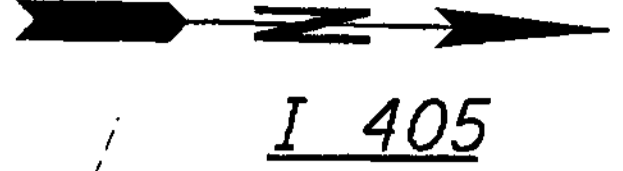
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL CDR EAST

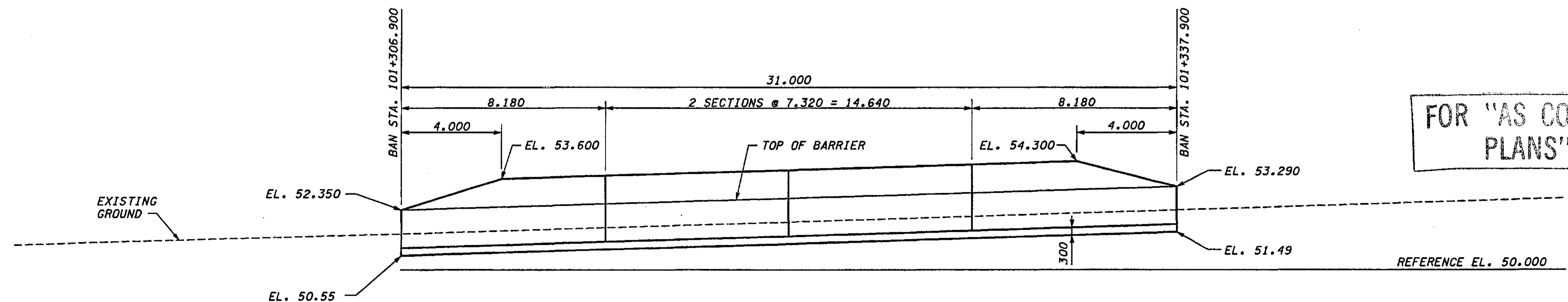
BRIDGE SHEET NO. RW54  
SHEET 441 OF 1152 SHEETS

C:\NPWTEMP\dms00358\RW054\_C2.DGN  
SR\_405\_JOB\_NO. SHEET 12/03/2002 01:21:30 PM  
keller

SECTION 29, T25N, R5E, W.M.  
CITY OF BELLEVUE



PLAN - WALL BAN EAST 3



REFLECTED ELEVATION - WALL BAN EAST 3

FOR "AS CONSTRUCTED  
PLANS" ONLY

NOTES:  
1. FOR WALL DETAILS SEE SHEET RW56.

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

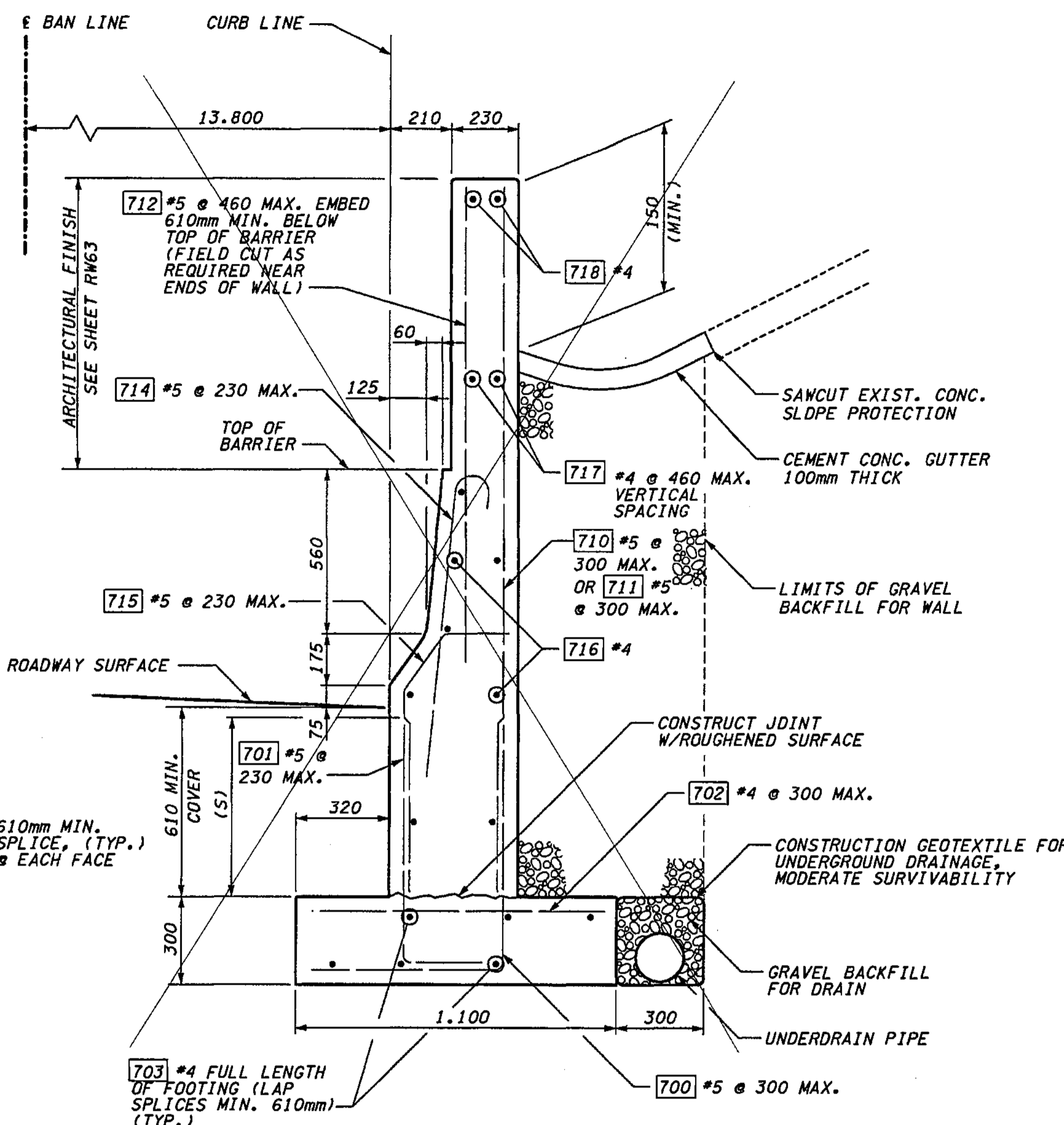
I 405 JOB NO. SHEET 12/03/2002 10:47:24 AM keller

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW55
SUPERVISOR		10	WASH					
DESIGNED BY	KJW	12/02				RETAINING WALL BAN EAST 3	SHEET NO. 442 OF 1152 SHEETS	
ENTERED BY	JAS	12/02						
CHECKED BY	JHS	12/02						
PROJD. DYER, D. CIERI		12/02						
REGIONAL ADM. D. DYE		12/02						
DATE	DATE	REVISION	BY					

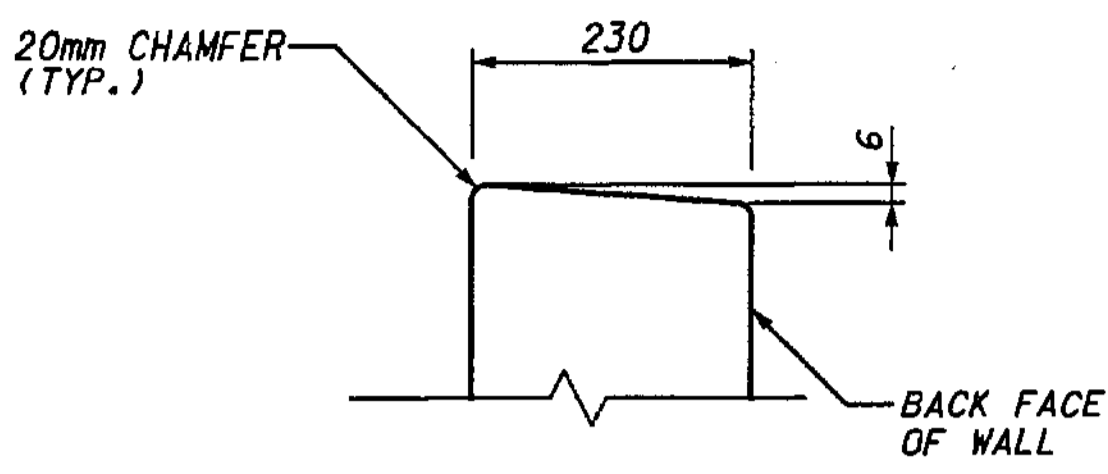


C:\PWTEMP\dms00358\RW056\_C2.DGN

I\_405\_JOB NO. SHEET 12/03/2002 10:47:31 AM



TYPICAL SECTION  
(SEE ATTACHED SHEET)



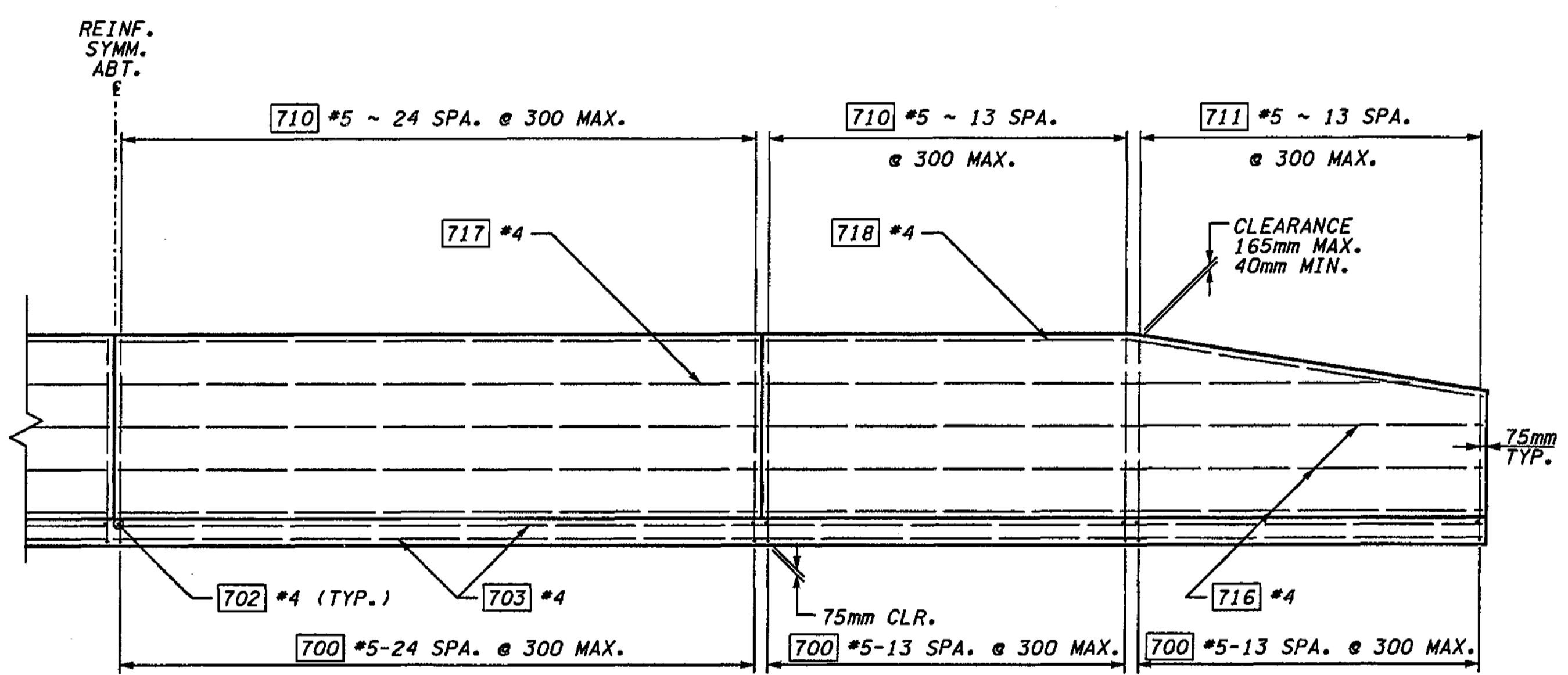
WALL TOP DETAIL

BAR	MIN. SPLICE (mm)
#4	610
#5	610

**WALL BAN EAST 3 BAR LIST**  
ALL REINFORCING SHALL BE AASHTO M 31, GR. 60.

MARK	SIZE	LENGTH	BEND DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
700	5	1.340	
701	5	890	
702	4	1.000	STR.
703	4	(A)	STR.
710	5	(A)	STR.
711	5	(A)	STR.
712	5	(A)	STR.
714	5	1.045	
715	5	1.085	
716	4	(A)	STR.
717	4	(A)	STR.
718	4	(A)	STR.

(A) DETERMINE FROM PLANS



REINFORCEMENT DETAILS - ELEVATION  
SHOWING FILL-FACE REINF. ONLY ~ EXPOSED-FACE REINF. OMITTED FOR CLARITY

FOR "AS CONSTRUCTED PLANS" ONLY

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.	REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR	10	WASH	
DESIGNED BY KJW 12/02			
ENTERED BY JAS 12/02			
CHECKED BY JHS 12/02			
PROJ.D. DYER, D. CIERI 12/02			
REGIONAL ADM. D. DYE 12/02			
DATE	DATE	REVISION	BY

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL BAN EAST 3

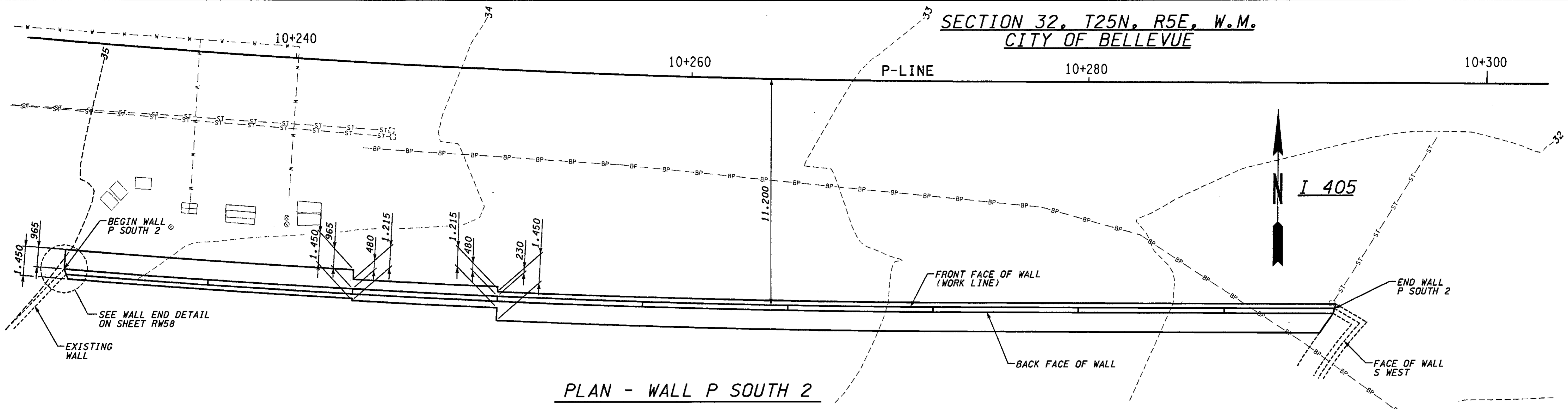
BRIDGE SHEET NO. RW56

SHEET 443 OF 1152 SHEETS

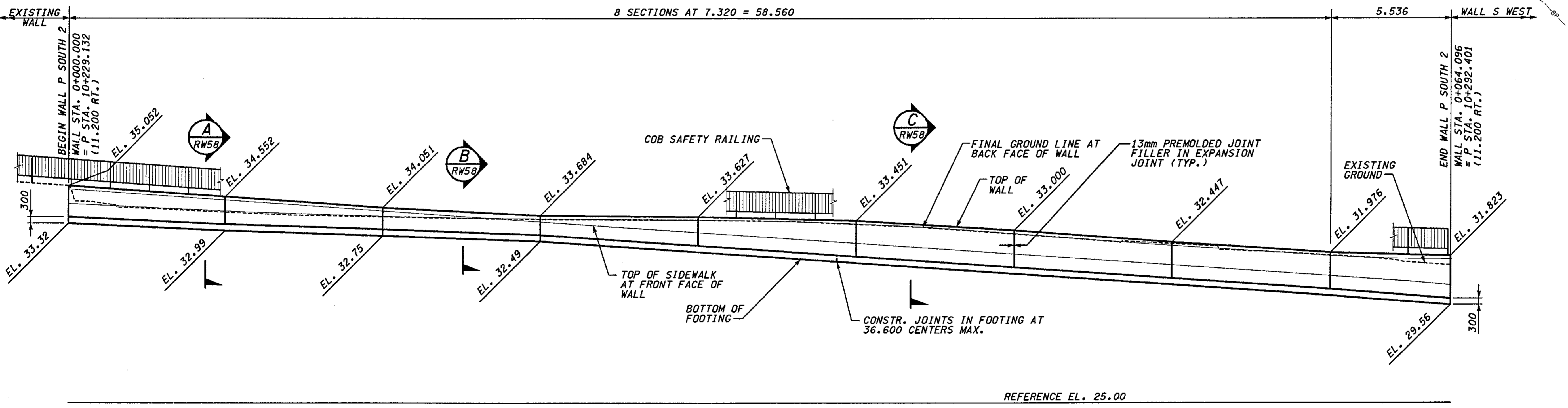




SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



PLAN - WALL P SOUTH 2



DEVELOPED ELEVATION - WALL P SOUTH 2

FOR "AS CONSTRUCTED  
PLANS" ONLY

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I 405 JOB NO. SHEET 12/03/2002 10:47:44 AM keller

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY BTA	12/02	JOB NUMBER	02A012	
ENTERED BY MJB	12/02	CONTRACT NO.		
CHECKED BY JHS	12/02			
PROJ. DYER, D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			
DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL P SOUTH 2

BRIDGE SHEET NO. RW57

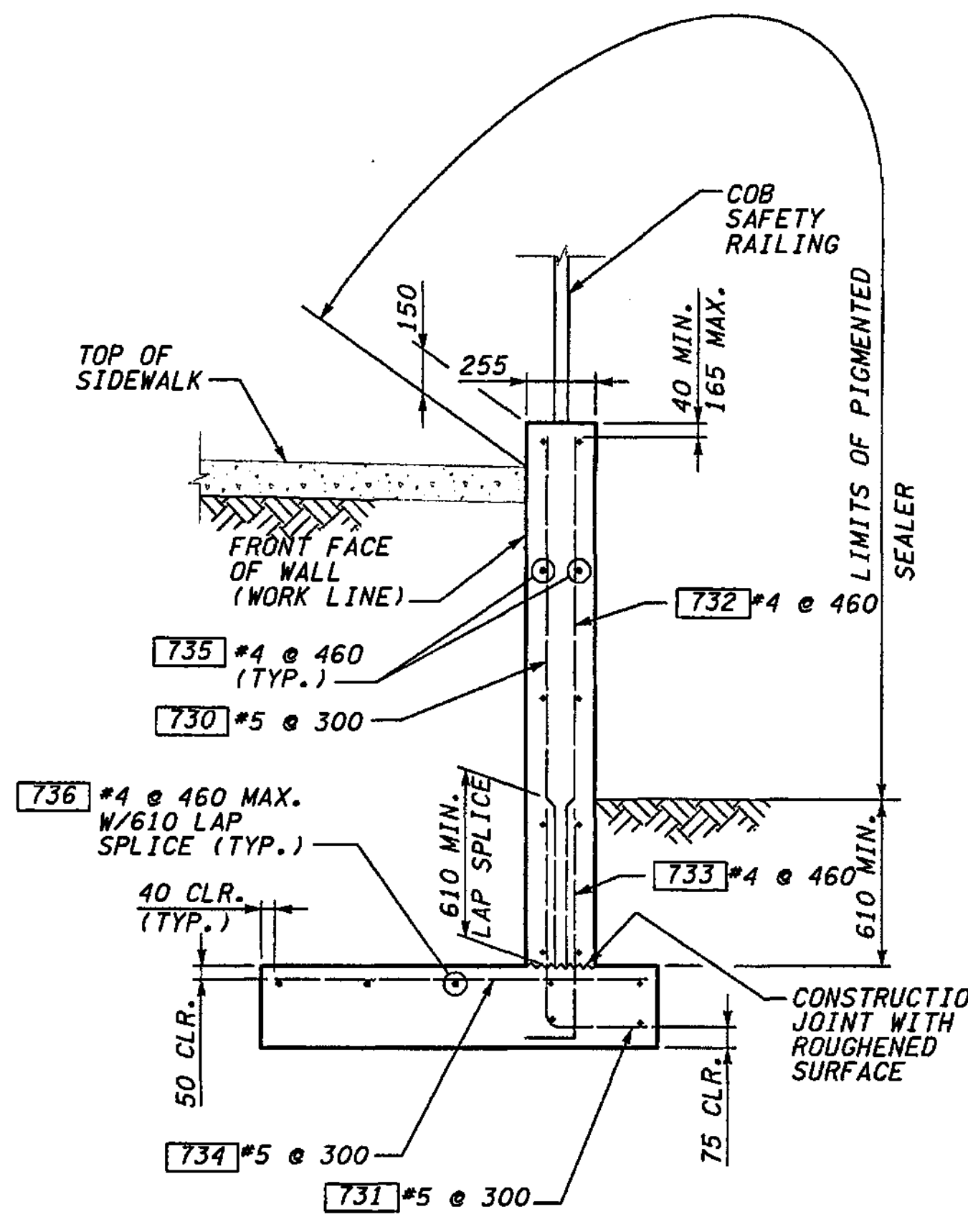
SHEET NO. 444

SHEETS 1152

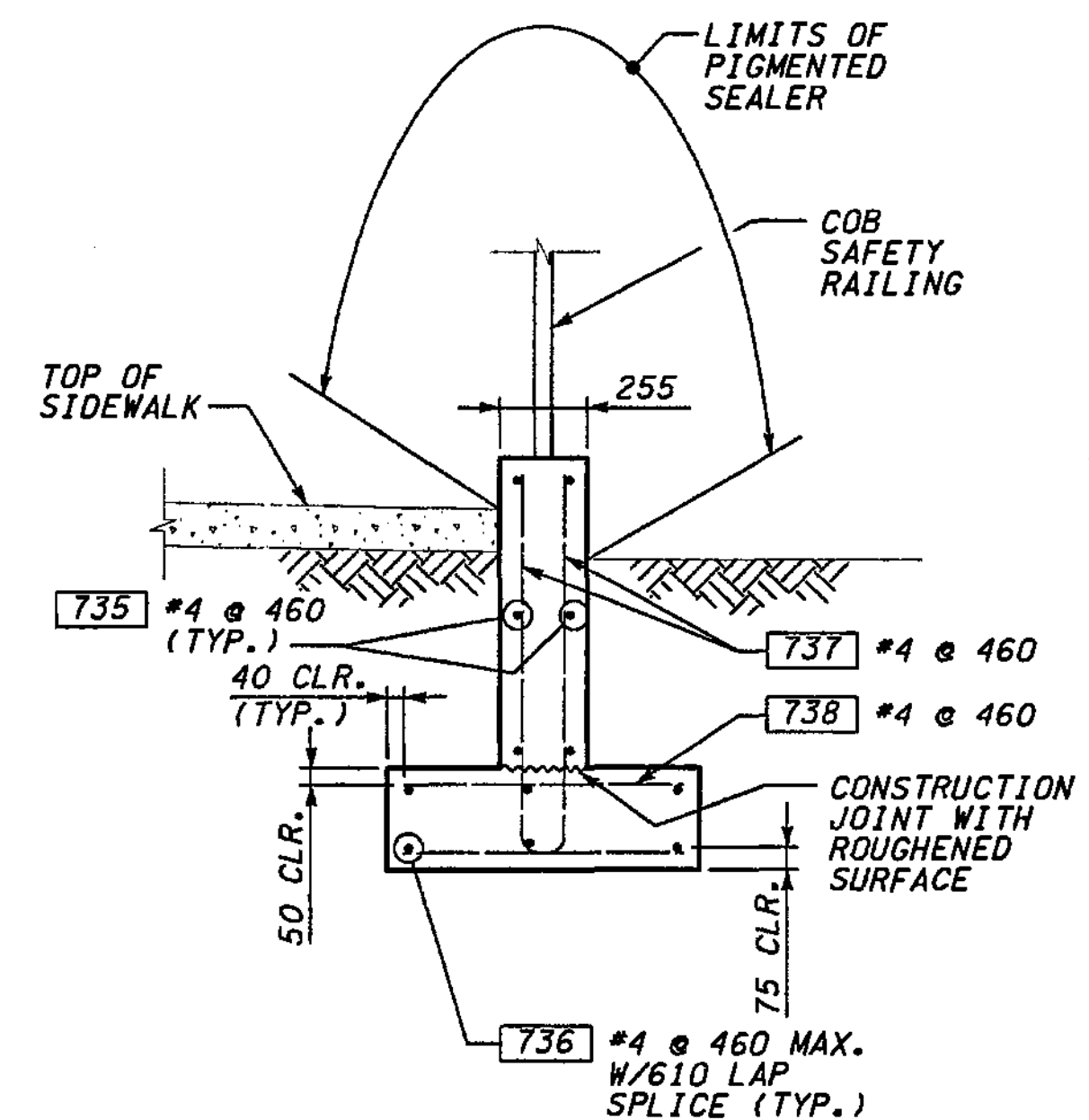
C:\NPWTEMP\dms00358\RW058\_C2.dgn

I 405 JOB NO. SHEET  
12/03/2002 10:47:51 AM  
Keller

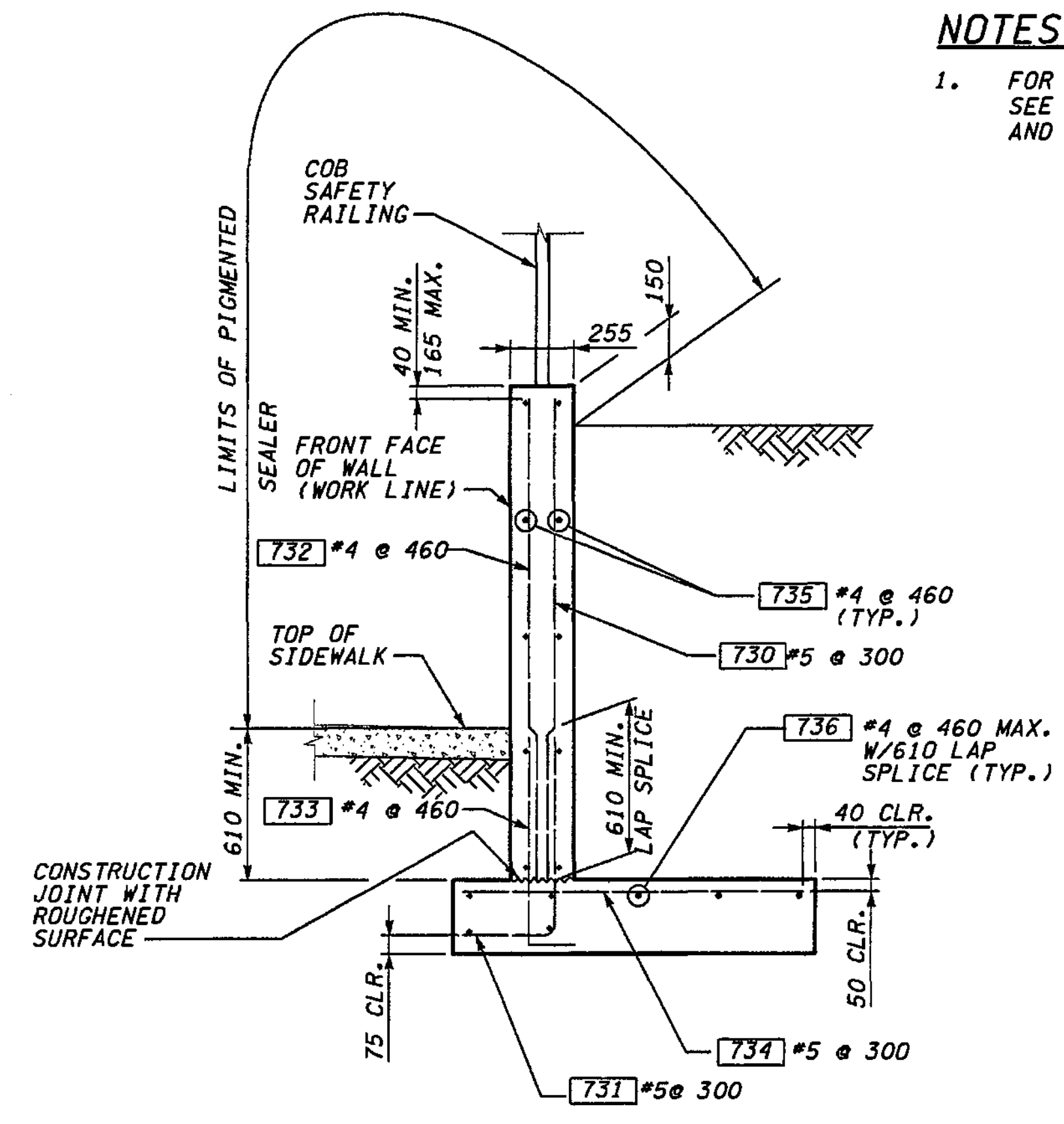
**NOTES:**  
1. FOR BACKFILL AND DRAINAGE REQUIREMENTS, SEE WSDOT STANDARD PLAN 0-4 "BACKFILL AND DRAINAGE FOR RETAINING WALLS".



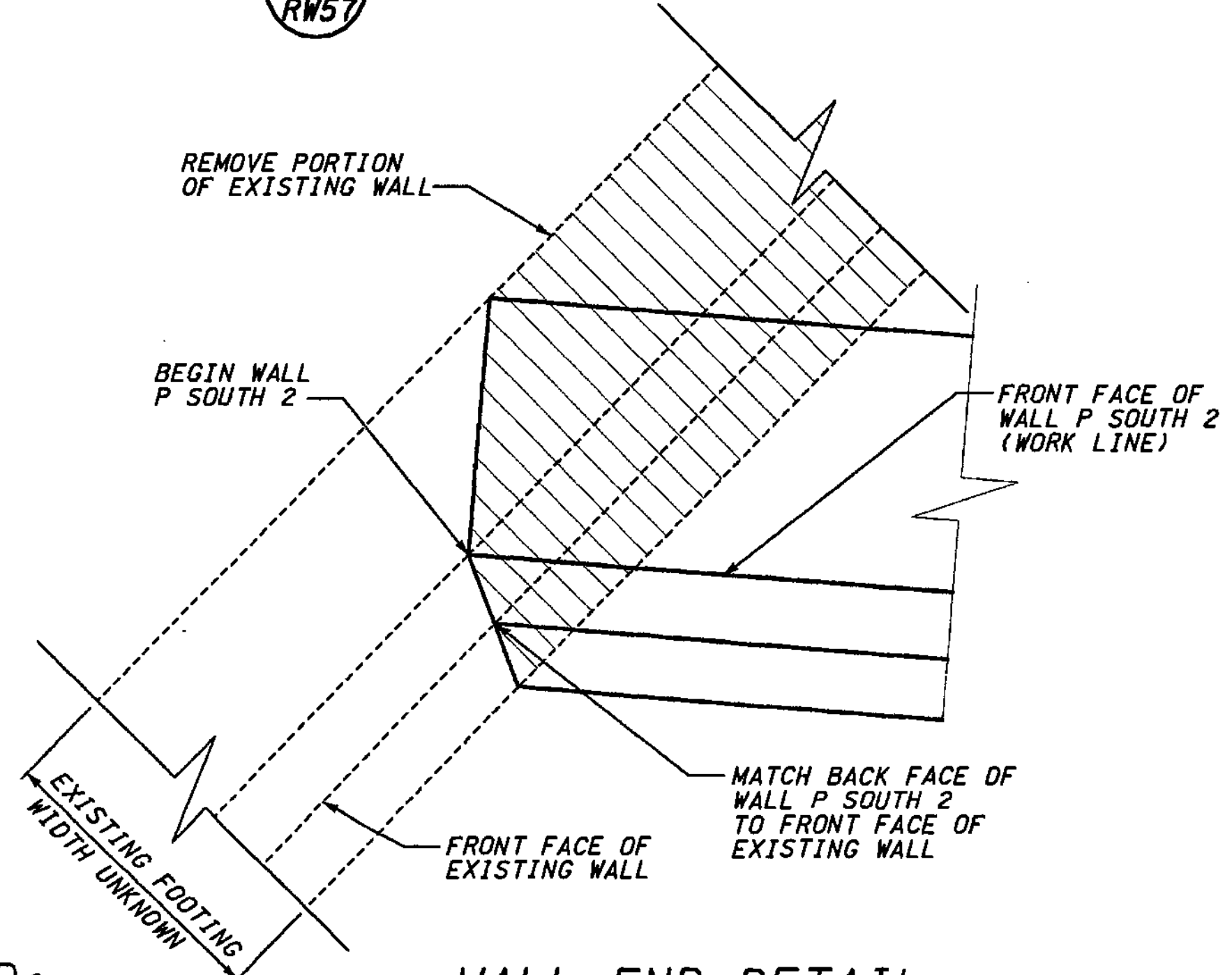
SECTION A  
RW57



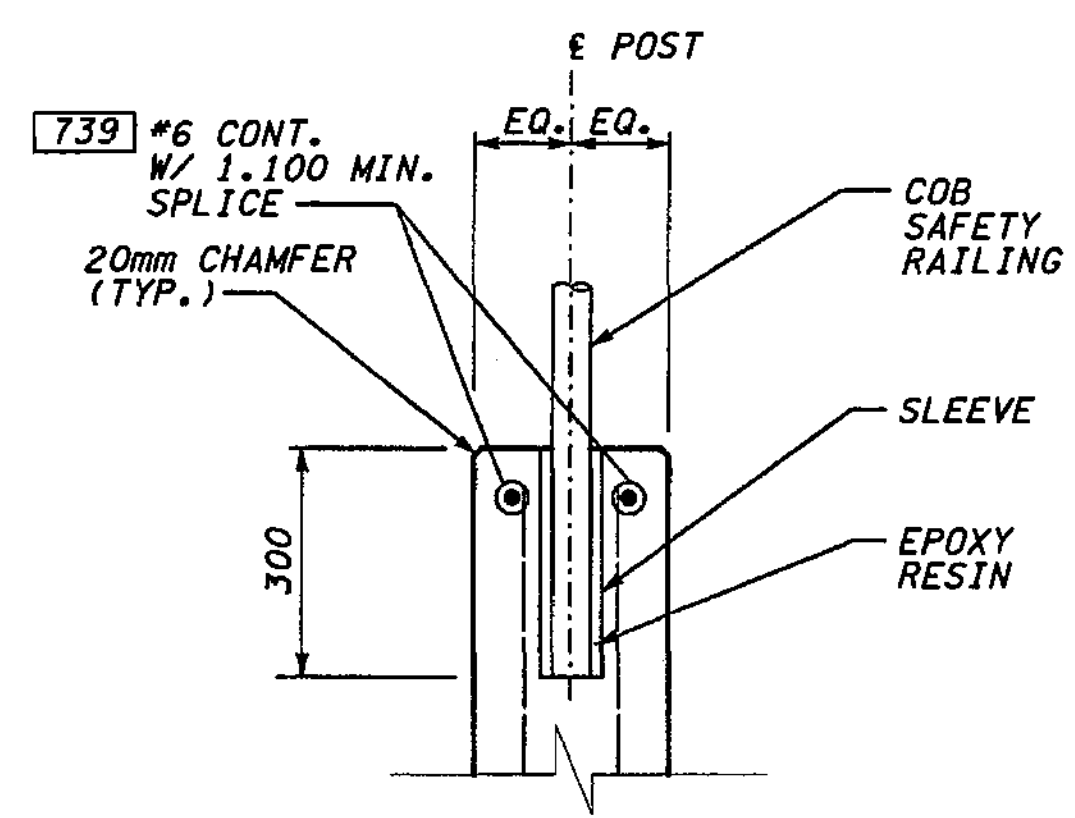
SECTION B  
RW57



SECTION C  
RW57



WALL END DETAIL



SAFETY RAILING ANCHORAGE

**WALL P SOUTH 2 BAR LIST**  
ALL REINFORCING SHALL BE AASHTO M 31, GR. 60.

MARK	SIZE	LENGTH	BEND DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
730	5	(A)	STR.
731	5	1.240	STR.
732	4	(A)	STR.
733	4	1.040	STR.
734	5	1.370	STR.
735	4	(A)	STR.
736	4	(A)	STR.
737	4	(A)	STR.
738	4	910	STR.
739	6	(A)	STR.

(A) DETERMINE FROM PLANS

FOR "AS CONSTRUCTED PLANS" ONLY

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	BTA	12/02		
ENTERED BY	JAS	12/02		
CHECKED BY	JHS	12/02		
PROJD.	DYER, D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

EXP. 09/05/04

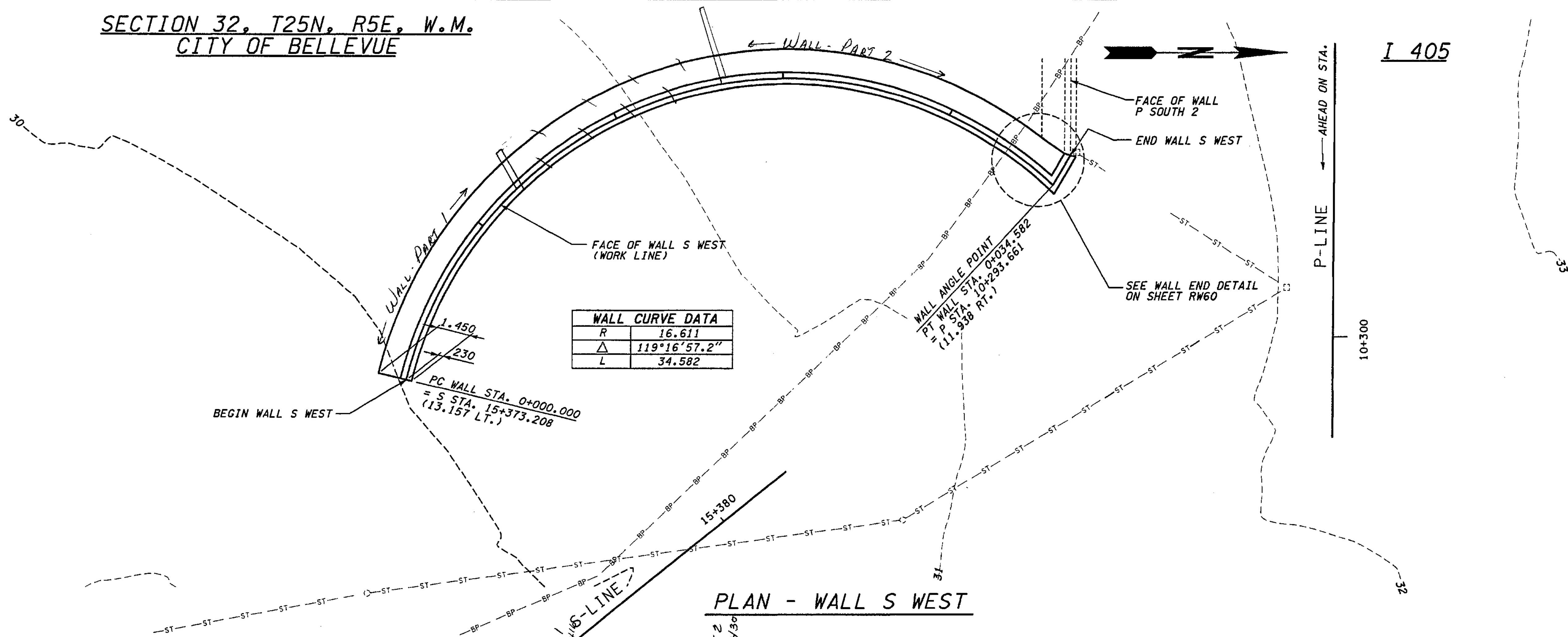
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL P SOUTH 2

BRIDGE SHEET NO. RW58  
SHEET 445 OF 1152 SHEETS

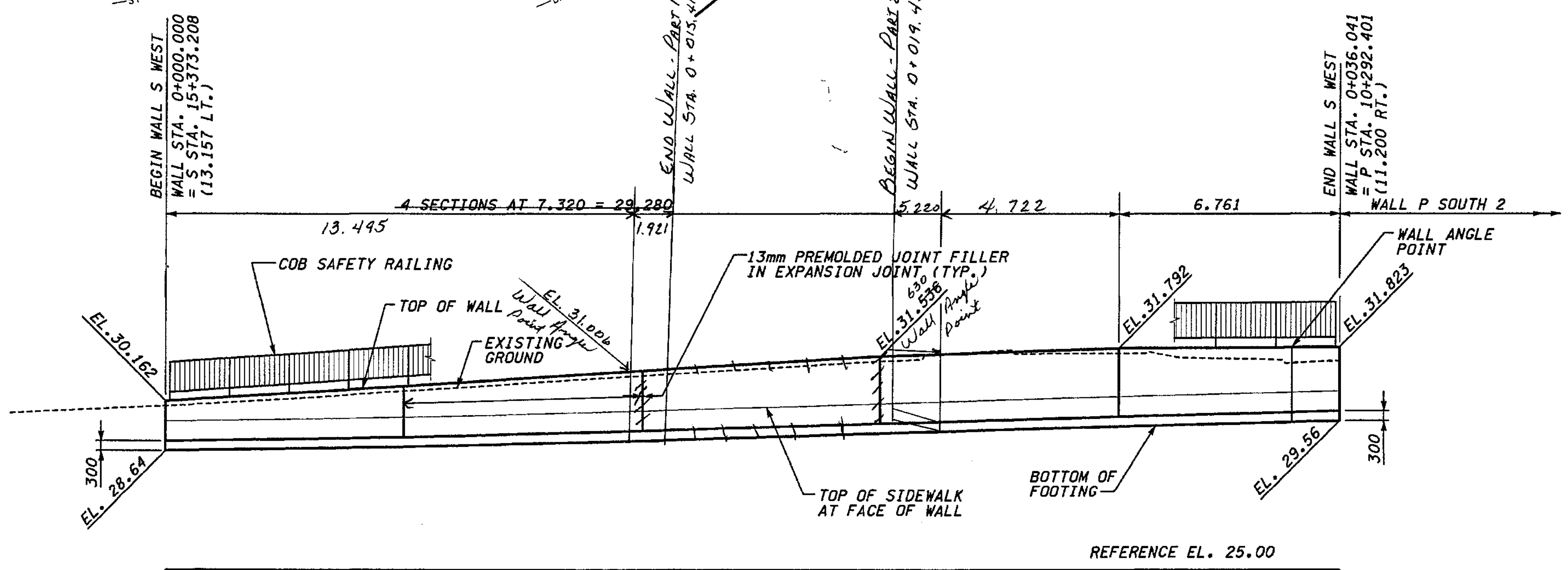


SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



WALL CURVE DATA	
R	16.611
Δ	119°16'57.2"
L	34.582

PLAN - WALL S WEST



DEVELOPED ELEVATION - WALL S WEST

Bob Pyle 1/14/05  
FOR "AS CONSTRUCTED PLANS" ONLY

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I\_405 JOB NO. SHEET 12/03/2002 10:48:12 AM keller

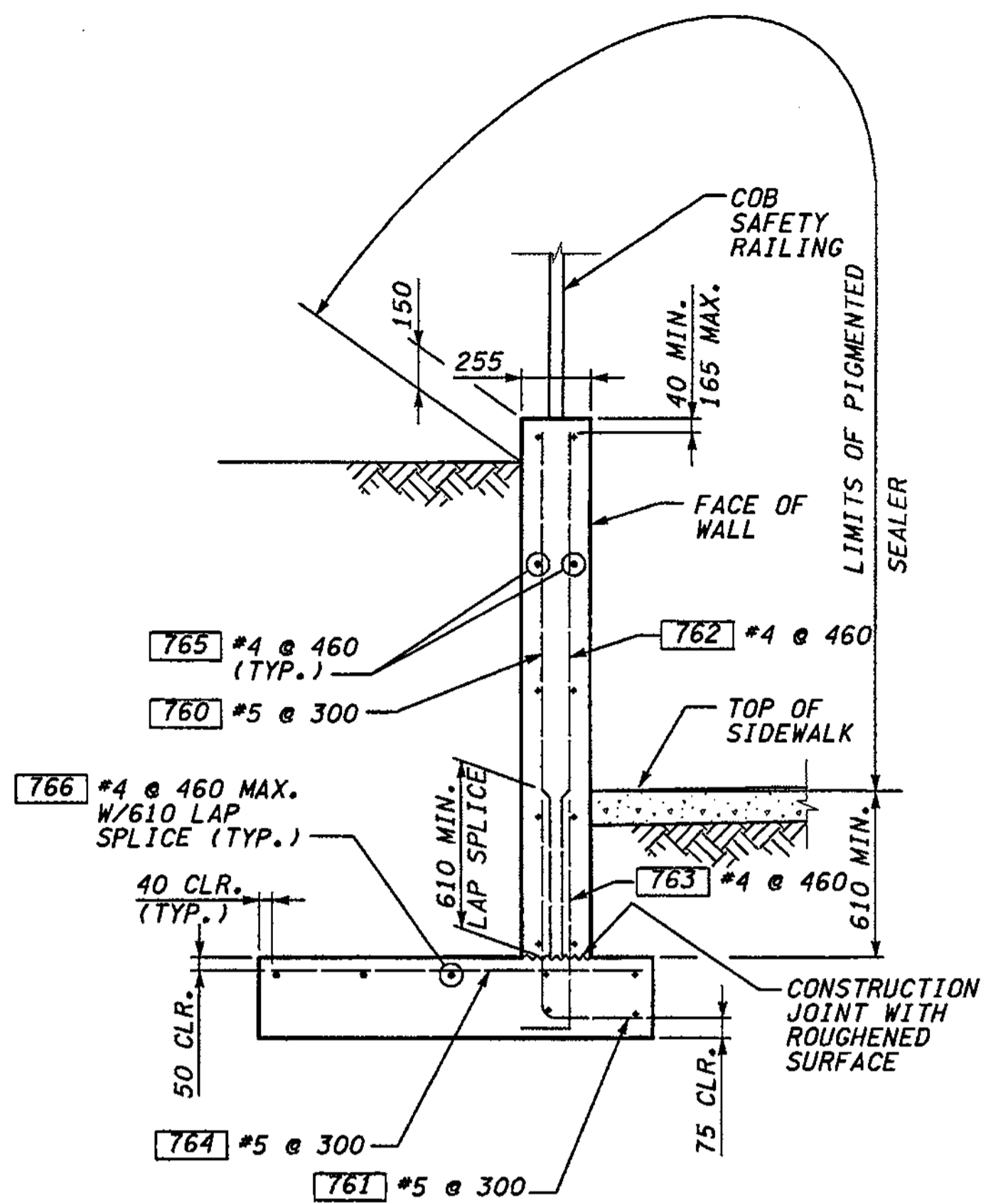
BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR				10	WASH	
DESIGNED BY	BTA	12/02		JOB NUMBER	02A012	
ENTERED BY	MJB	12/02		CONTRACT NO.		
CHECKED BY	JHS	12/02		DATE	DATE	REVISION
PROJ.D. DYER, D. CIERI		12/02		BY		
REGIONAL ADM. D. DYE		12/02				

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

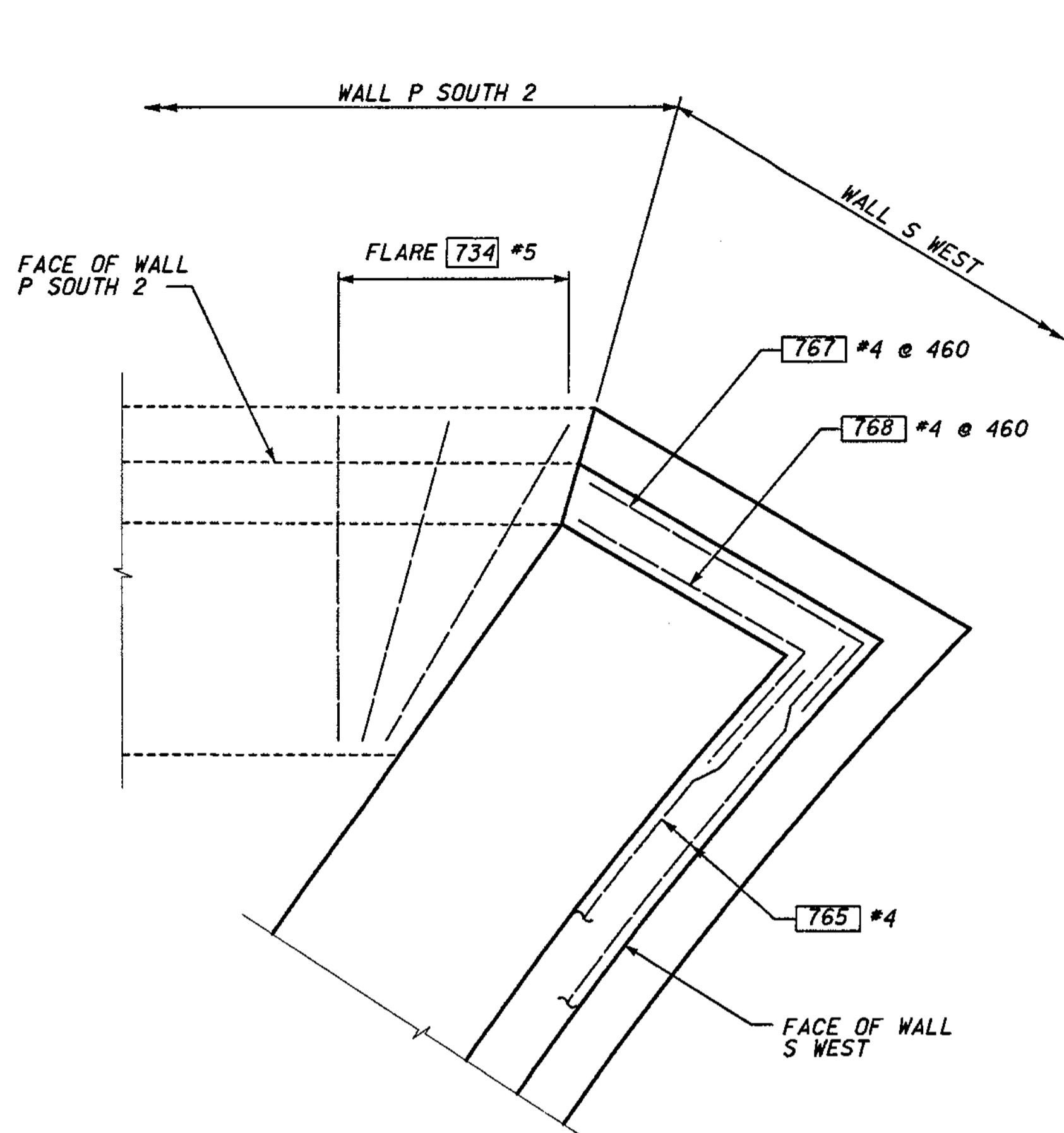
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL S WEST

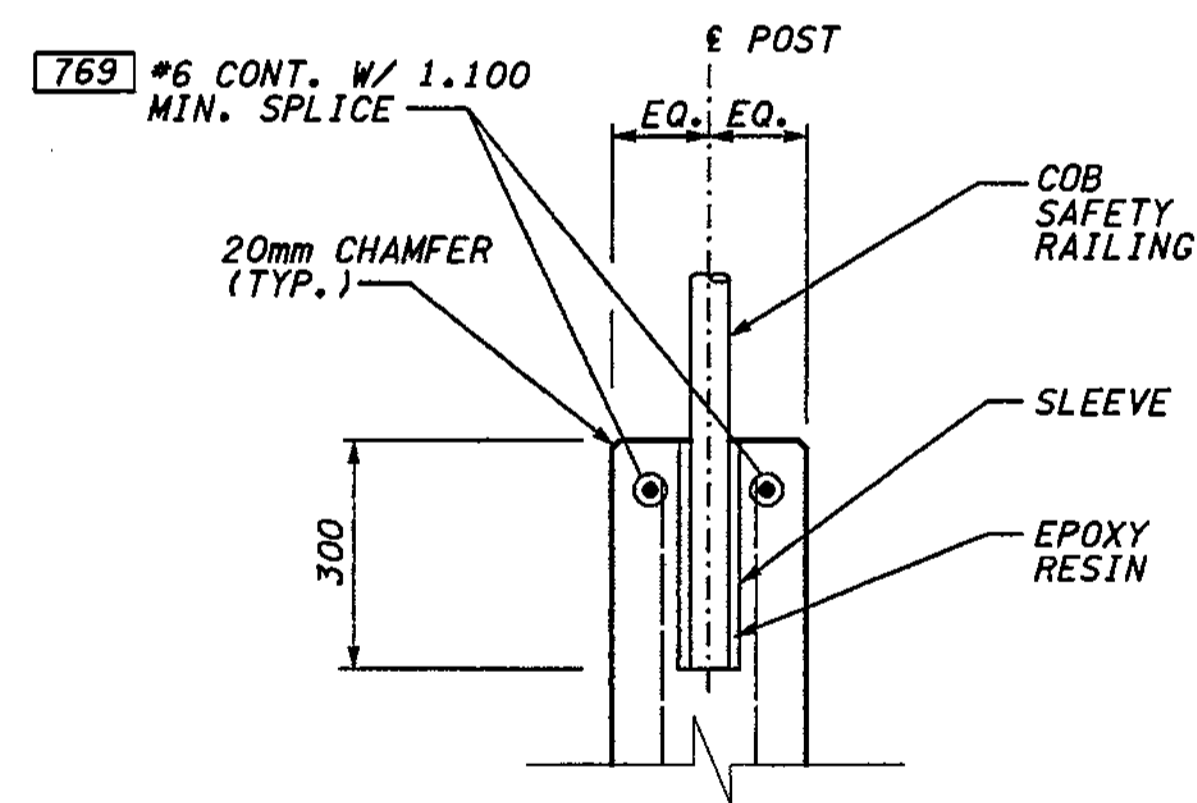
BRIDGE SHEET NO.  
RW59  
SHEET NO.  
446  
1152  
SHEETS



TYPICAL SECTION



WALL END DETAIL



SAFETY RAILING ANCHORAGE

**NOTES:**

- FOR BACKFILL AND DRAINAGE REQUIREMENTS, SEE WSDOT STANDARD PLAN D-4 "BACKFILL AND DRAINAGE FOR RETAINING WALLS".

**WALL S WEST BAR LIST**  
ALL REINFORCING SHALL BE AASHTO M 31, GR. 60

MARK	SIZE	LENGTH	BEND DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
760	5	(A)	STR.
761	5	1.240	
762	4	(A)	STR.
763	4	1.040	
764	5	1.370	STR.
765	4	(A)	STR.
766	4	(A)	STR.
767	4	2.080	
768	4	1.780	
769	6	(A)	STR.

(A) DETERMINE FROM PLANS

**METRIC LEGEND:**

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

FOR "AS-CONSTRUCTED PLANS" ONLY

BRIDGE DESIGN ENGR.					
SUPERVISOR					
DESIGNED BY	BTA	12/02			
ENTERED BY	JAS	12/02			
CHECKED BY	JHS	12/02			
PROJ.D. DYER	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/06/02

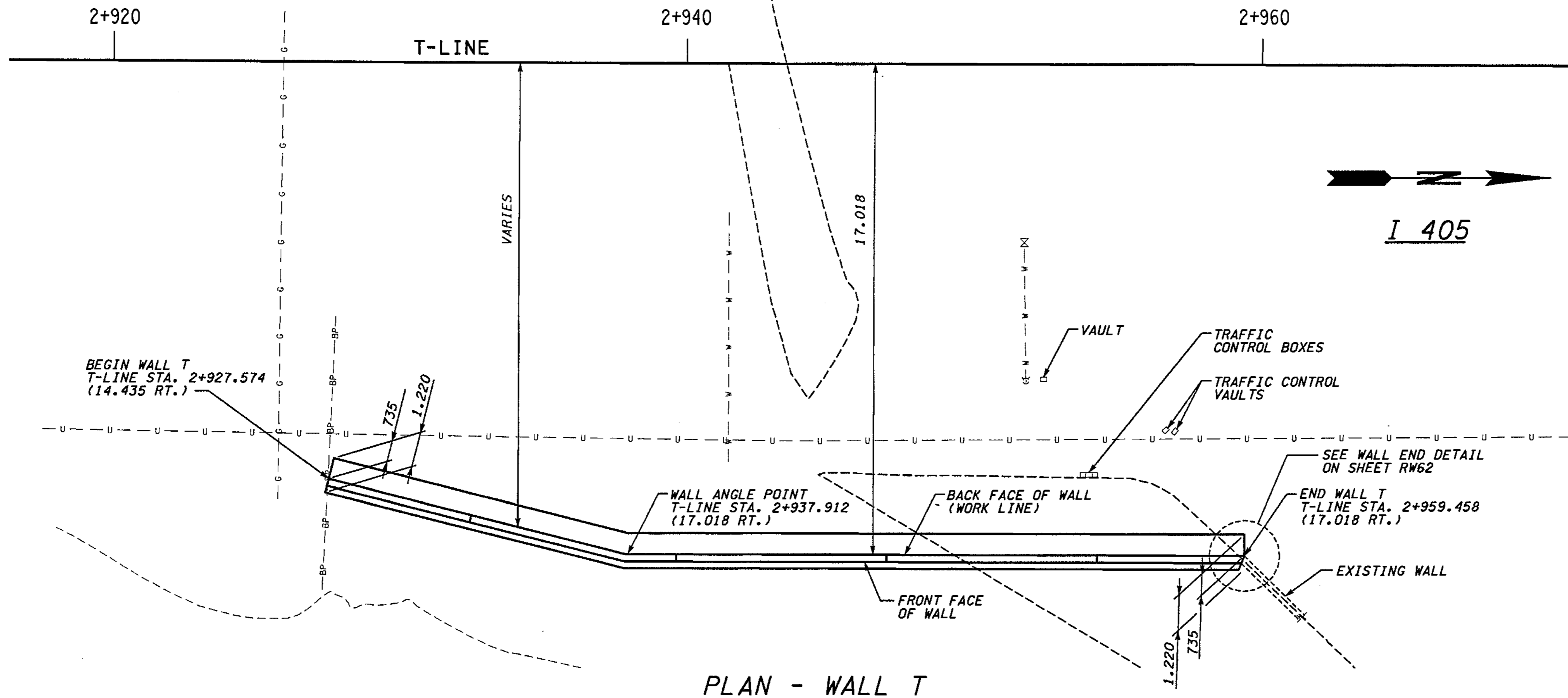
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL S WEST

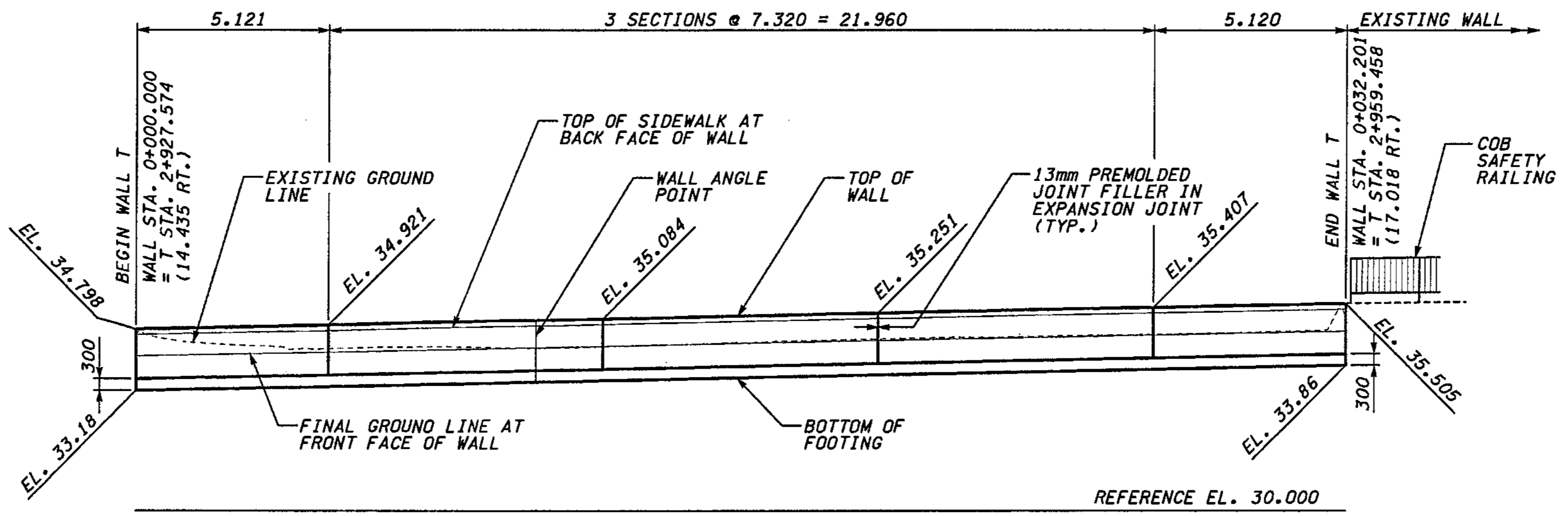
BRIDGE SHEET NO. RW60  
SHEET 447 OF 1152 SHEETS



SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



PLAN - WALL T



DEVELOPED ELEVATION - WALL T

FOR "AS CONSTRUCTED  
PLANS" ONLY

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I 405 JOB NO. SHEET 12/03/2002 10:48:38 AM keller

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	BTA	12/02		
ENTERED BY	MJB	12/02		
CHECKED BY	JHS	12/02		
PROJ. D. DYER, D. CIERI		12/02		
REGIONAL ADM. D. DYE		12/02		
DATE	DATE	REVISION	BY	

JOB NUMBER	02A012
CONTRACT NO.	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/03/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

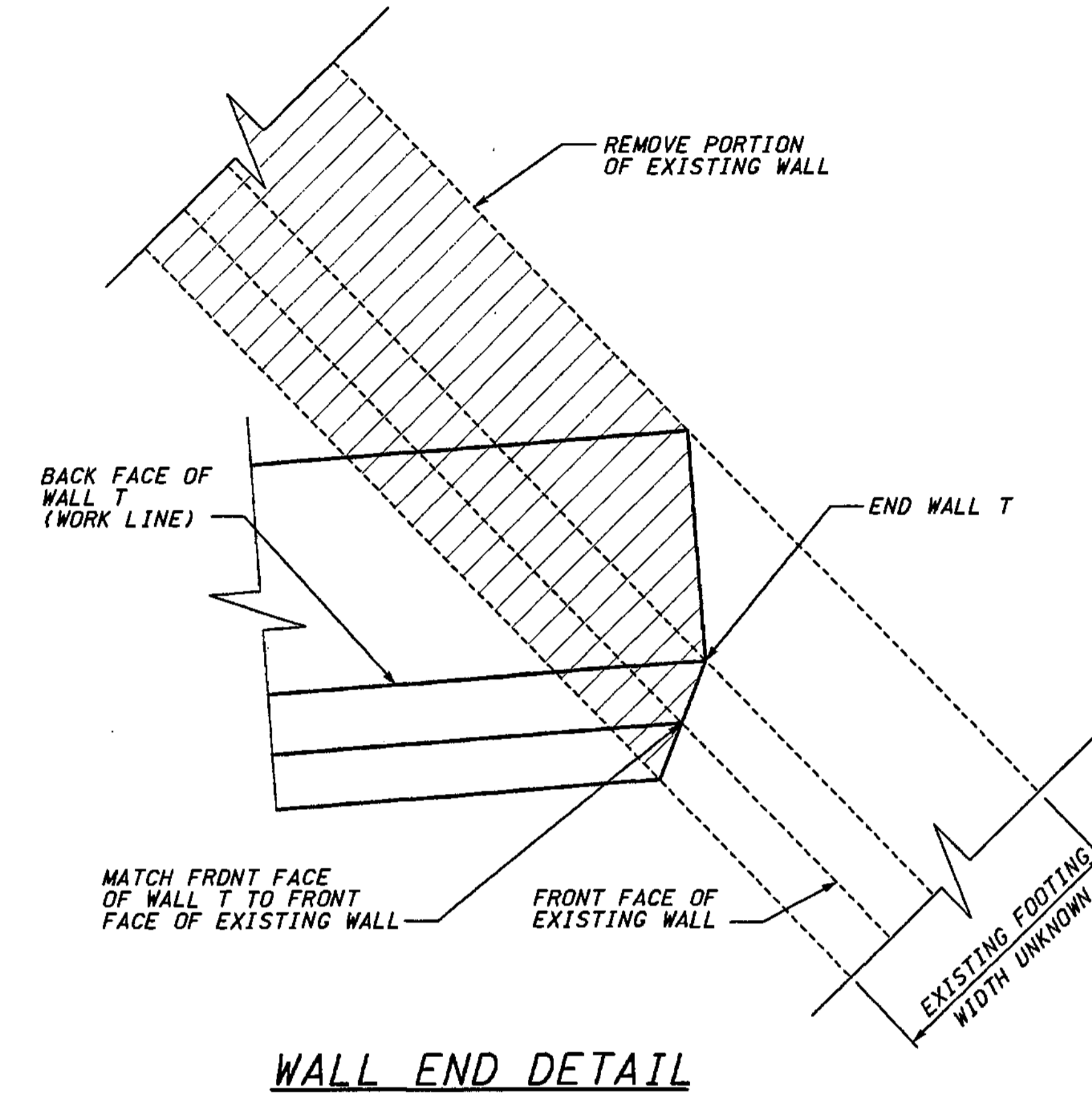
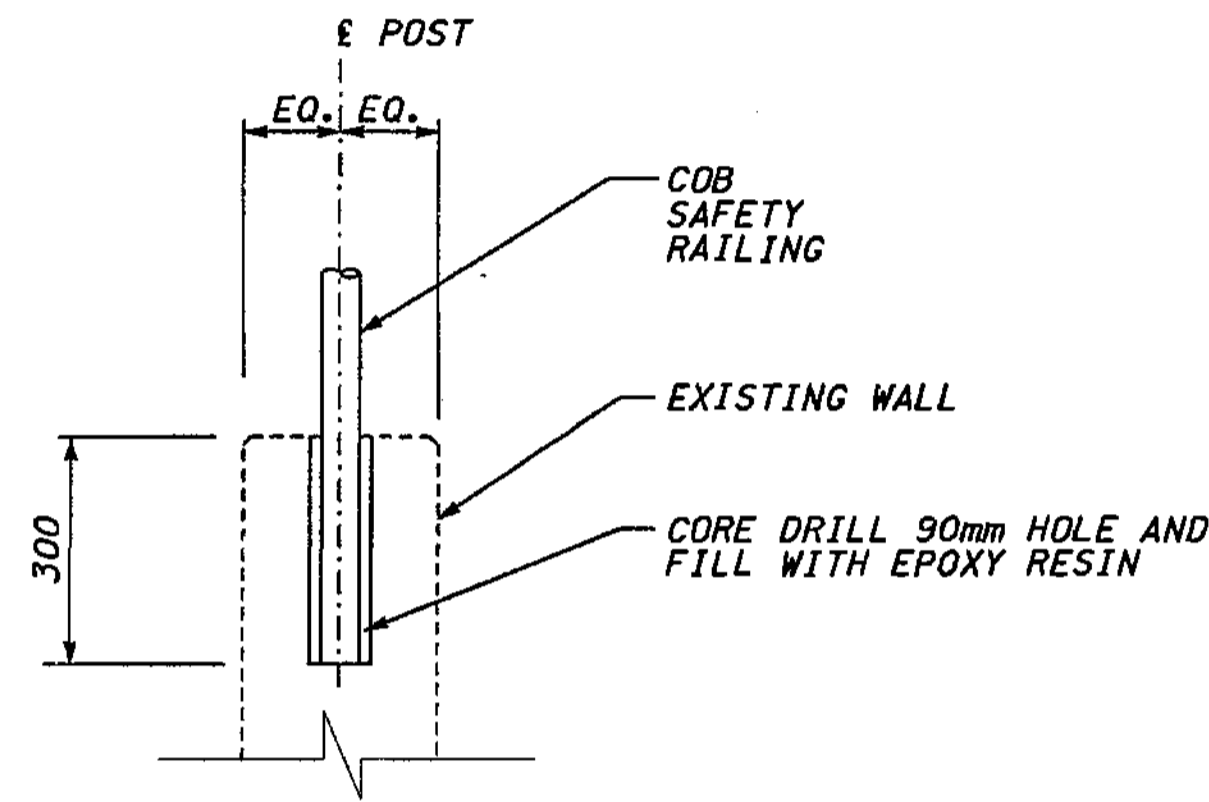
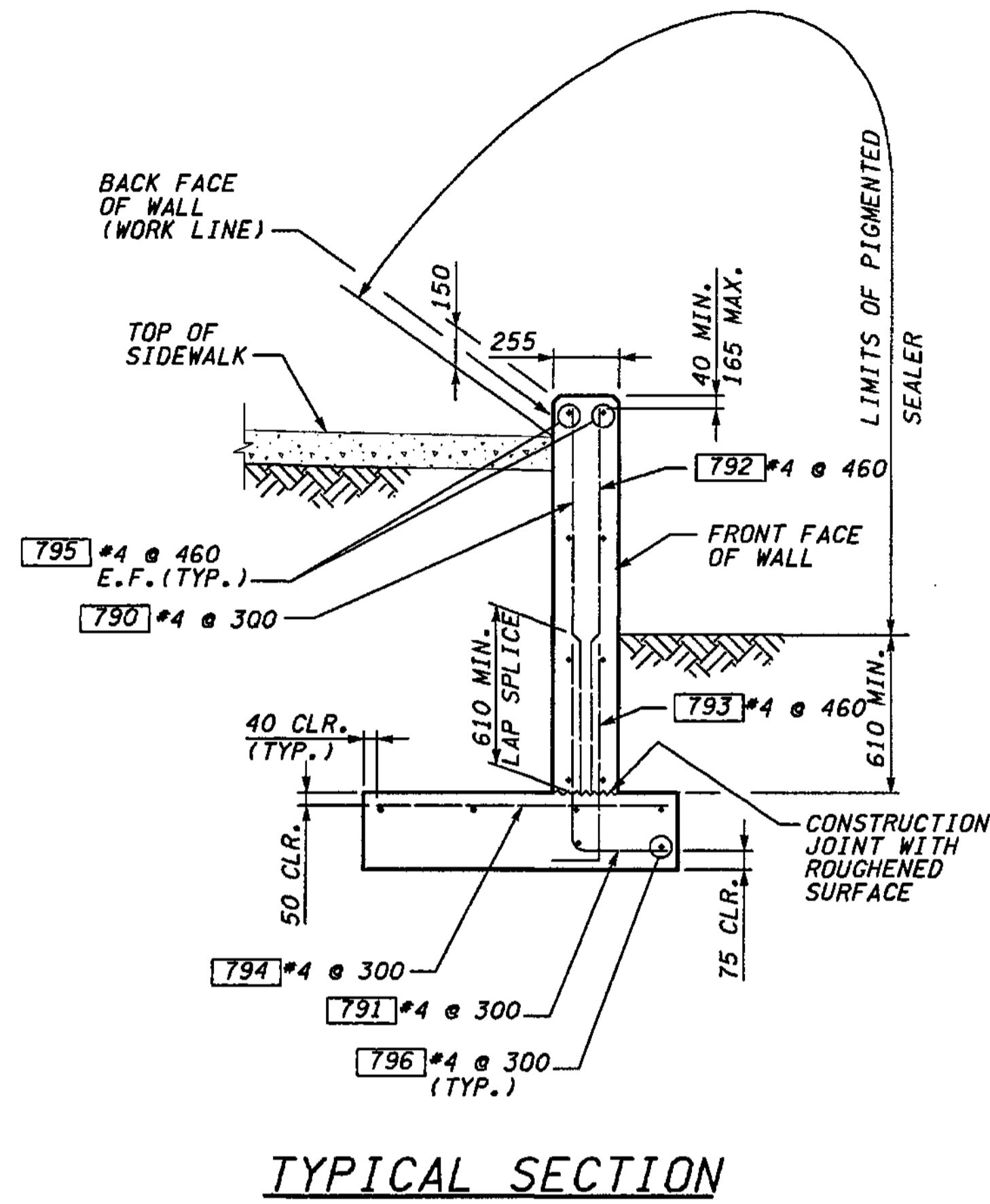
RETAINING WALL T

BRIDGE SHEET NO.  
RW61

SHEET NO.  
448 OF 1152 SHEETS

**NOTES:**

- FOR BACKFILL AND DRAINAGE REQUIREMENTS, SEE WSDOT STANDARD PLAN D-4 "BACKFILL AND DRAINAGE FOR RETAINING WALLS".



**WALL T BAR LIST**  
ALL REINFORCING SHALL BE AASHTO M 31, GR. 60.

MARK	SIZE	LENGTH	BEND DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
790	4	(A)	STR.
791	4	1.240	STR.
792	4	(A)	STR.
793	4	1.040	STR.
794	4	1.140	STR.
795	4	(A)	STR.
796	4	(A)	STR.

(A) DETERMINE FROM PLANS

**FOR "AS CONSTRUCTED PLANS" ONLY**

**METRIC LEGEND:**

- 29.175 DENOTES METERS
- 175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR. SUPERVISOR					
DESIGNED BY	BTA	12/02			
ENTERED BY	JAS	12/02			
CHECKED BY	JHS	12/02			
PROJD. OYER.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/06/02

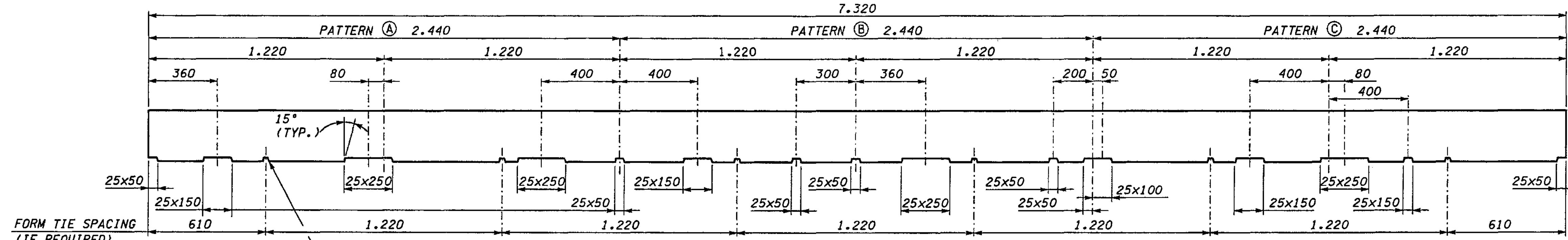
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL T

BRIDGE SHEET NO. RW62  
SHEET 449 OF 1152 SHEETS

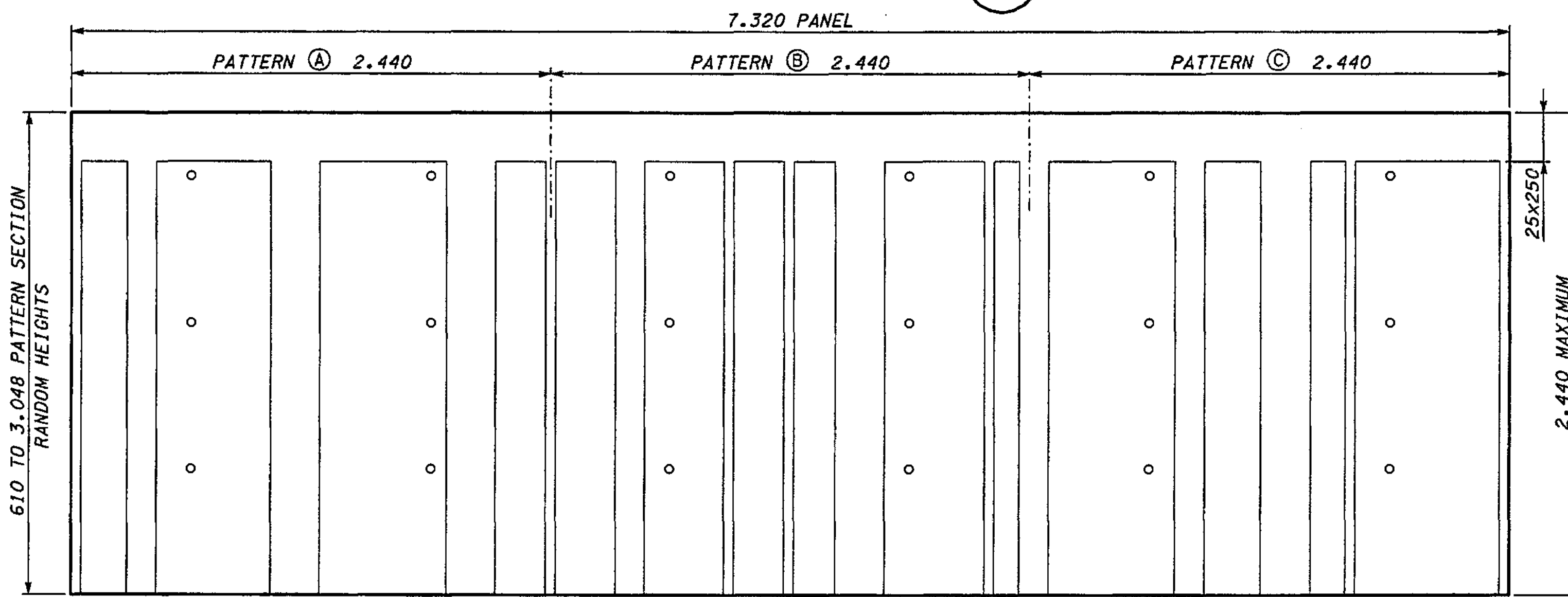


I\_405\_JOB NO. SHEET 04/07/2003 03:41:58 PM keller

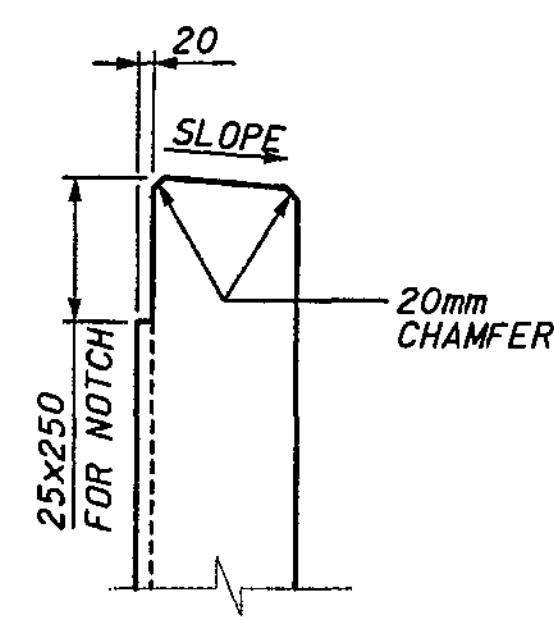


**WALL FACE PATTERN SECTION A**

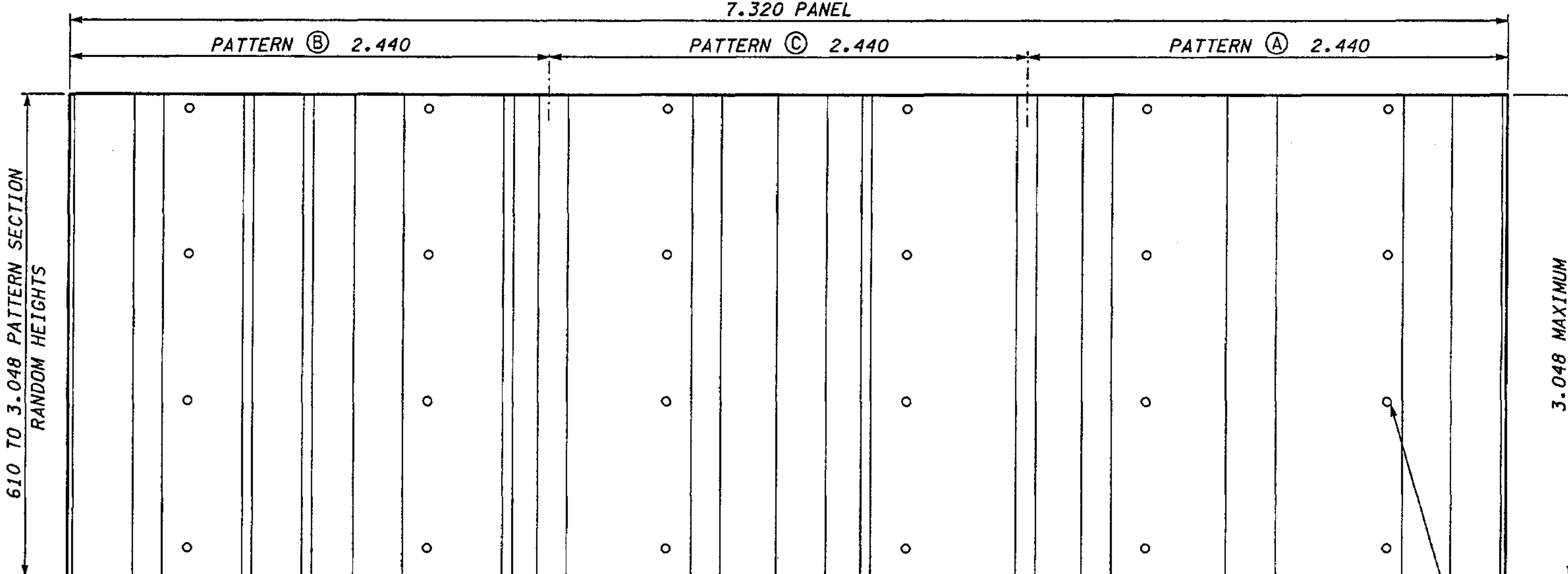
- NOTES:**
1. ALL PATTERN SECTIONS SHALL BE ARRANGED IN A WAY TO PRESENT A NON-UNIFORM WALL PATTERN AS SHOWN ON THE SAMPLE ELEVATION.
  2. USE 20mm CHAMFER STRIP ON ALL EXPOSED CORNERS.
  3. APPLY PIGMENTED SEALER TO ALL EXPOSED WALL SURFACES (TO 300 BELOW FINISH GRADE).
  4. THE INTENT OF THE TEXTURE IS TO DEVELOP RANDOM PATTERNS AT 7.300 INTERVALS. PATTERN MAY VARY FROM THAT SHOWN IF APPROVED BY THE ENGINEER. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.
  5. THE INTENT OF THE LETTERED PANEL SECTIONS (A,B&C) IS TO DEMONSTRATE A POSSIBLE METHOD TO UTILIZE FORM LINERS OR REUSABLE FORMS IN ACHIEVING THE RANDOM WALL PATTERN. IT ALSO DEMONSTRATES HOW IT COULD BE APPLIED TO 2.440 WIDE PRECAST PANELS.
  6. PATTERNS MAY BE ROTATED 180° TO ASSIST IN ACHIEVING THE RANDOM APPEARANCE.
  7. BATTEN RECESSES (25x50, 25x150, ETC.) SHALL BE THE SIZE OF NOMINAL DIMENSION LUMBER.



**ELEVATION - TOP PANEL**  
(SEE NOTES)

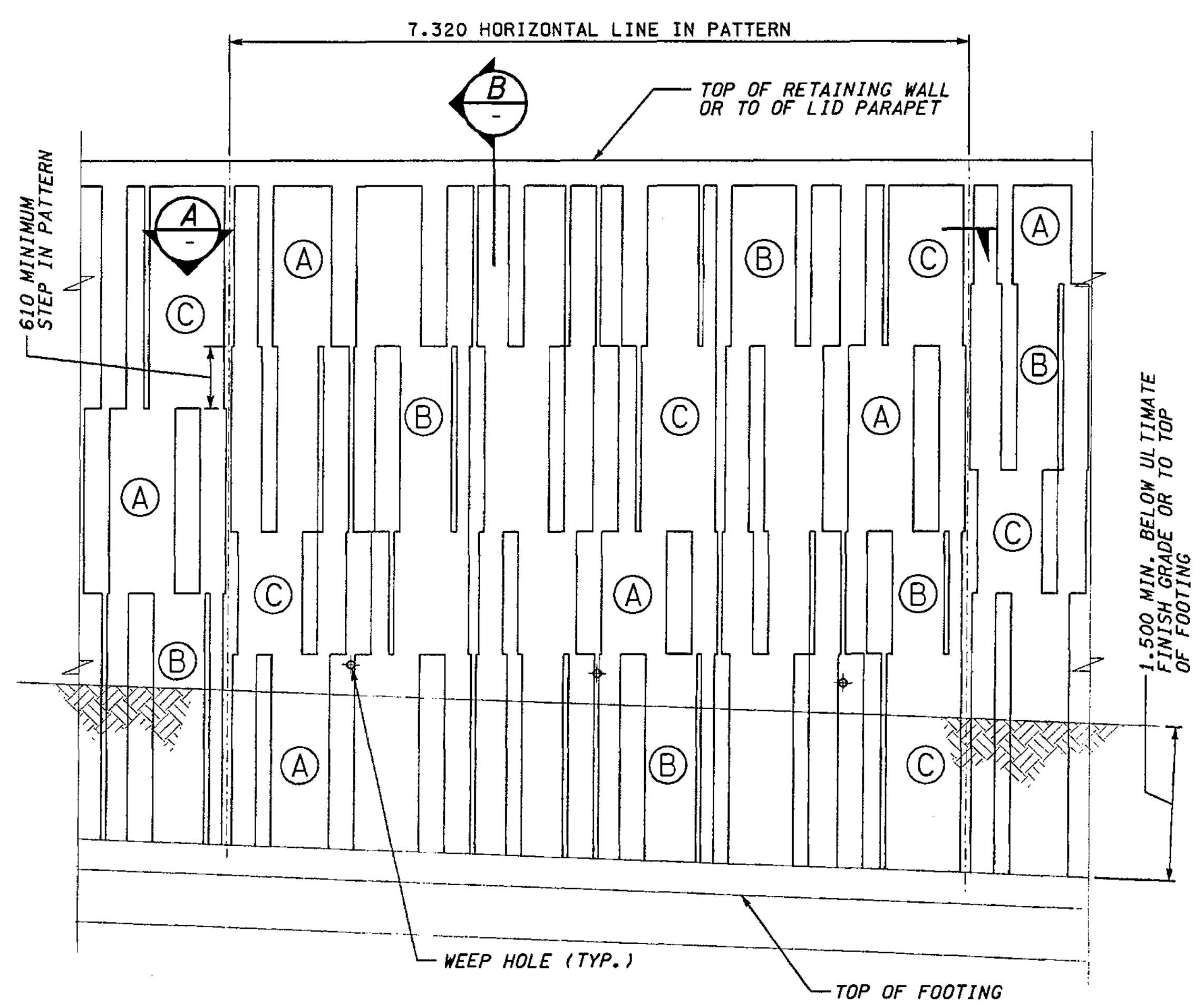


**TOP TRIM DETAIL**  
(SEE NOTES)



**ELEVATION - TYPICAL PATTERN LOWER PANELS**  
(SEE NOTES)

32mm CONE TIE HOLES SHALL BE UNIFORMLY ALIGNED HORIZONTALLY AND VERTICALLY FOR C.I.P. WALLS. MINIMUM DEPTH - 6mm



**SAMPLE ELEVATION**

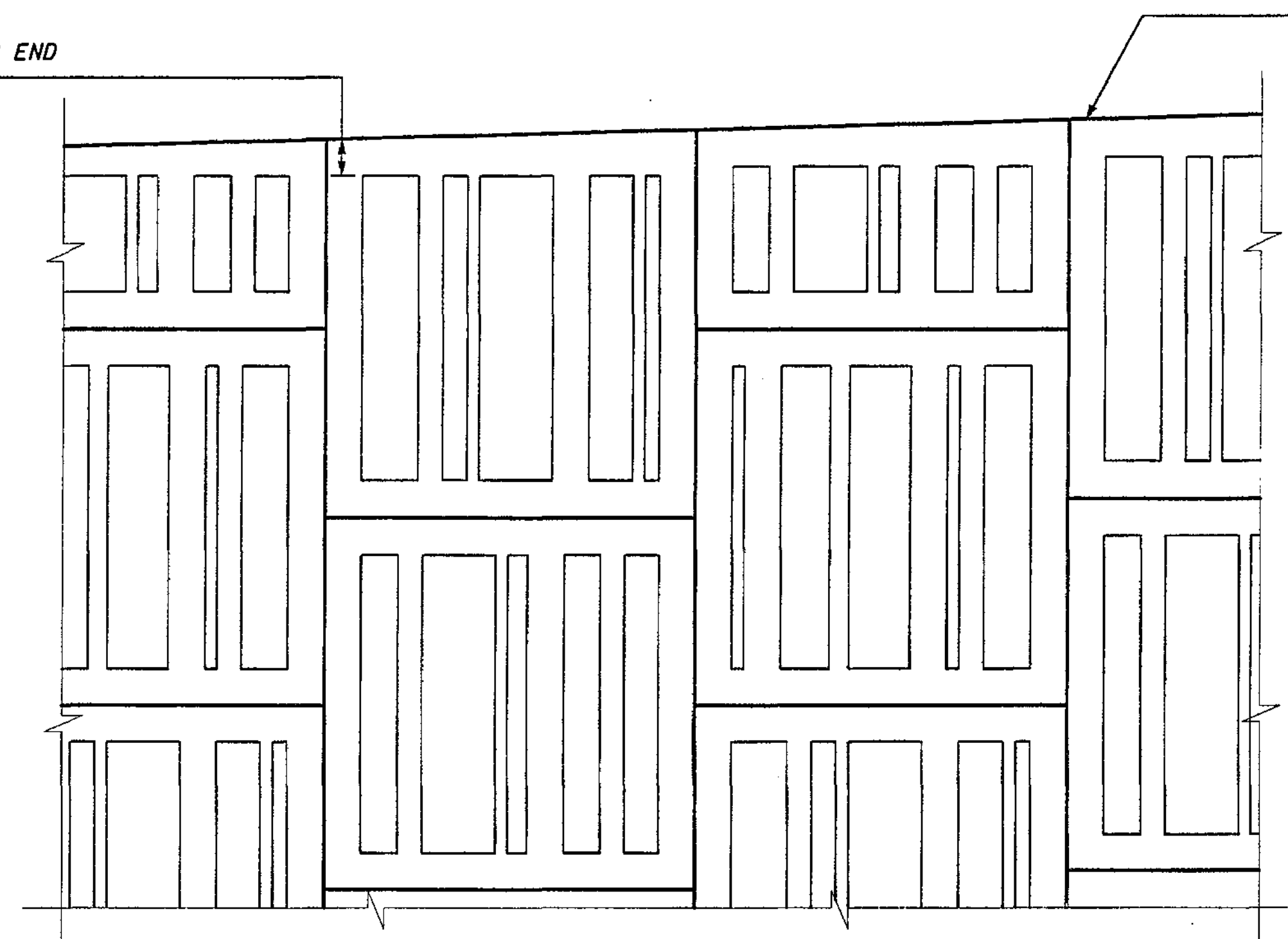
**FOR "AS CONSTRUCTED PLANS" ONLY**

**METRIC LEGEND:**  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.			I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW63
SUPERVISOR		10	WASH					
DESIGNED BY	JHS	12/02			JOB NUMBER 02A012		SHEET 450 OF 1152 SHEETS	
ENTERED BY	JAS	12/02						
CHECKED BY	SKA	12/02			CONTRACT NO.	RETAINING WALL ARCHITECTURAL FINISH		
PROJD.	DYER, D. CIERI	12/02						
REGIONAL ADM.	D. DYE	12/02	4/11/02	RE-DRAWN ARCH. FINISH RGO				
DATE	DATE	REVISION	BY					

MAINTAIN 150 @ LOWER END OF PANEL (TYP.)

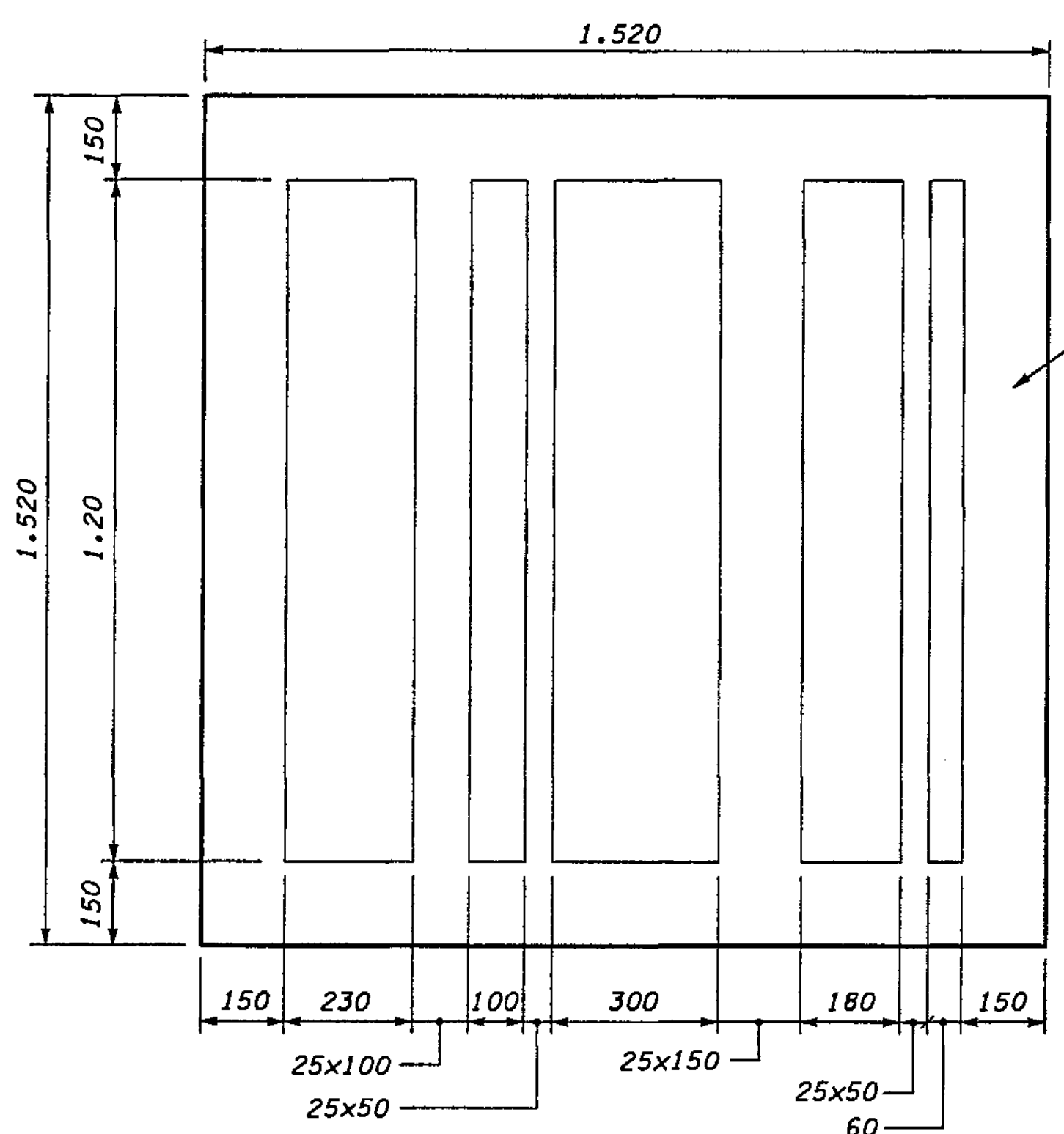
MAINTAIN 150 @ LOWER END OF PANEL (TYP.)



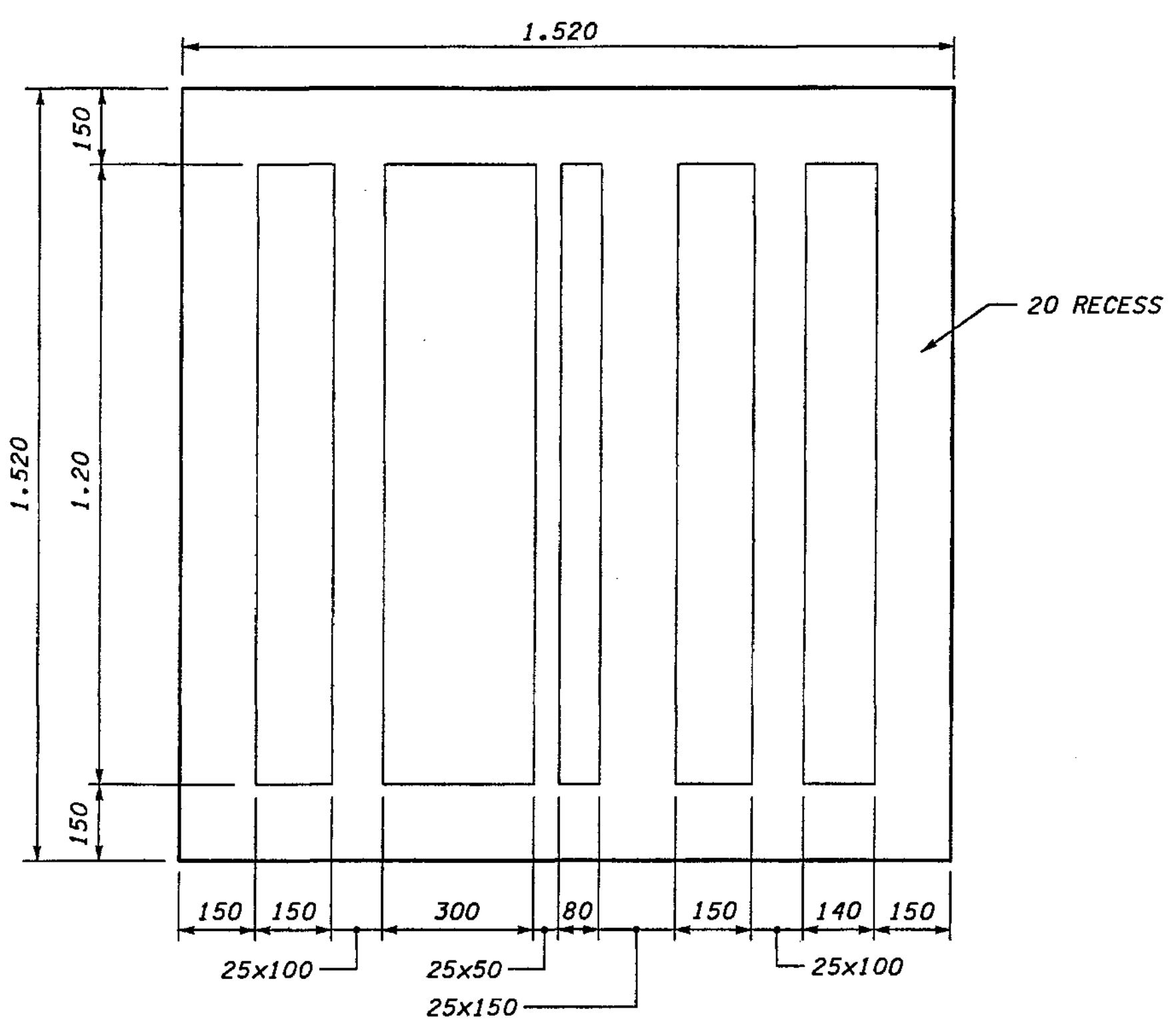
PANEL EDGE TREATMENT @ STRUCTURAL EARTH WALL

**NOTES:**

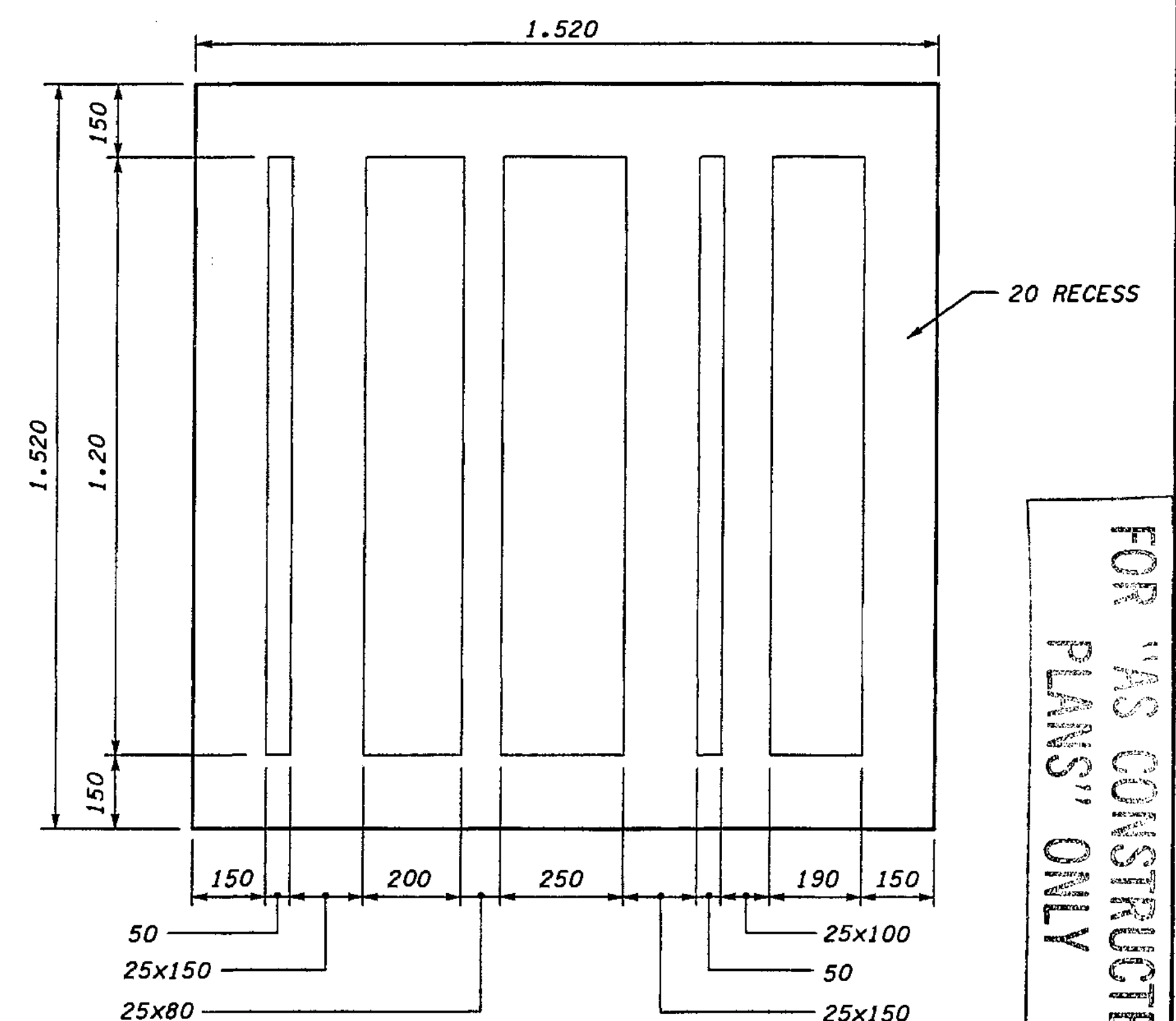
1. ALL THREE PATTERNS SHALL BE ARRANGED IN A WAY TO PRESENT A NON-UNIFORM WALL PATTERN.
2. APPLY PIGMENTED SEALER TO ALL EXPOSED WALL SURFACES (TO 300 BELOW FINISH GRADE).
3. PATTERNS MAY BE ROTATED 180 DEGREE TO ASSIST IN ACHIEVING THE RANDOM APPEARANCE.
4. BATTEN RECESSES (25x50), 25x150, ETC.) SHALL BE THE SIZE OF NOMINAL DIMENSION LUMBER.
5. THE EDGE OF ALL BATTENS SHALL BE SLOPED 15 DEGREES TO FACILITATE FORM REMOVAL.
6. SHOP DRAWINGS SHOWING THE MAPPING OF THE PANEL ARRANGEMENT SHALL BE SUBMITTED FOR THE ENGINEER'S APPROVAL.



PANEL "A" - STRUCTURAL EARTH WALL



PANEL "B" - STRUCTURAL EARTH WALL



PANEL "C" - STRUCTURAL EARTH WALL

FOR "AS CONSTRUCTED" PLANS ONLY

**METRIC LEGEND:**

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR				10	WASH	
DESIGNED BY	JHS	12/02		JOB NUMBER	02A012	
ENTERED BY	JAS	12/02		CONTRACT NO.		
CHECKED BY	SKA	12/02		DATE	4/23/02	ADDED PRE-CAST PANELS RCO
PROJ. D. BY	D. CIERI	12/02		DATE		REVISION
REGIONAL ADM. D. BY	DYE	12/02		DATE		BY

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

4/24/03

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL  
PRE-CAST PANELS

BRIDGE SHEET NO.  
RW63A

SHEET  
450A  
OF  
1152  
SHEETS

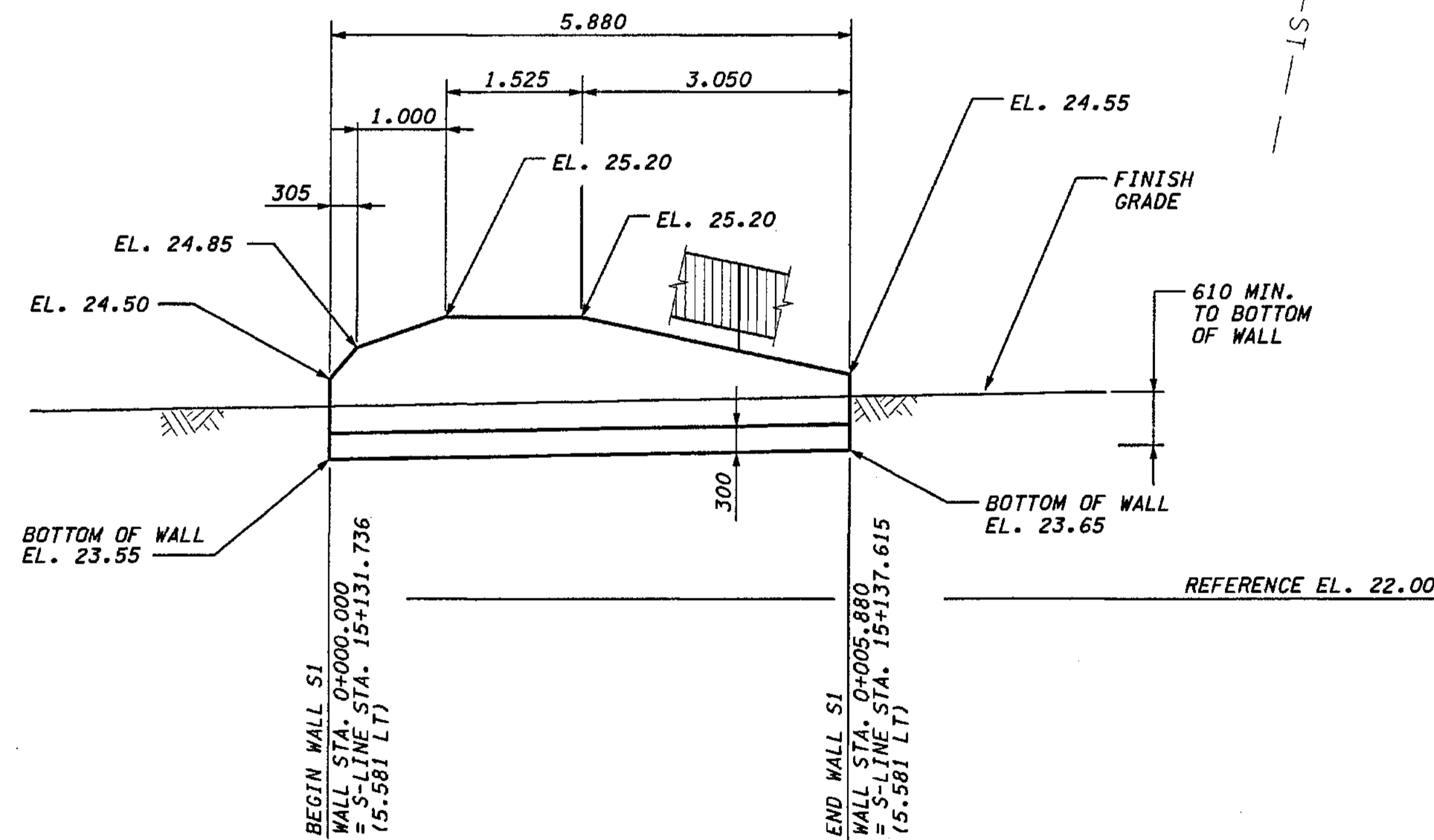
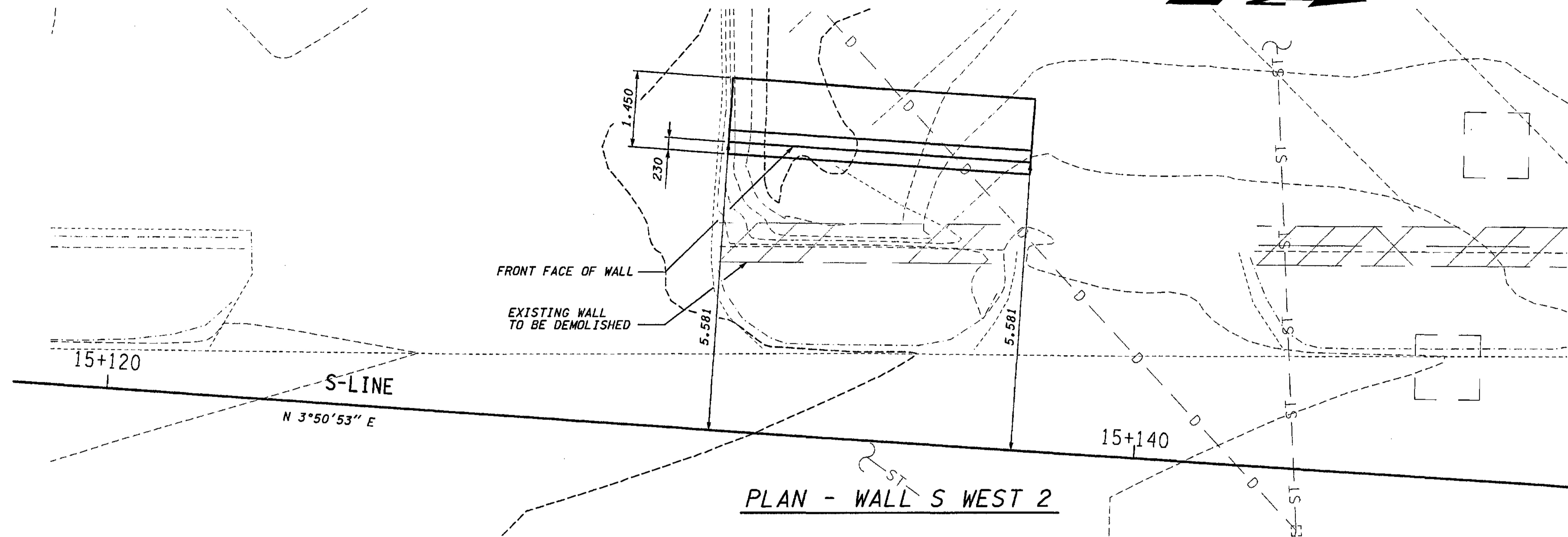


SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405

NOTE:

1. FOR TYPICAL WALL SECTION SEE RETAINING WALL S WEST, SHEET RW60 (SIMILAR).



ELEVATION - WALL S WEST 2

FOR "AS CONSTRUCTED PLANS" ONLY

SR 405 JOB NO. SHEET 12/03/2002 10:49:32 AM Keller

DATUM  
NAVD OF 1988

METRIC LEGEND:

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.				REGION NO.	STATE	FED.AID PROJ.NO.
SUPERVISOR				10	WASH	
DESIGNED BY	JHS	12/02		JOB NUMBER		
ENTERED BY	JAS	12/02		02A012		
CHECKED BY	SKA	12/02		CONTRACT NO.		
PROJ. ENGR.	D. CIERI	12/02				
REGIONAL ADM.	D. DYE	12/02				
	DATE	DATE	REVISION	BY		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

EXPRES: 09/09/04

12/06/02

Washington State Department of Transportation

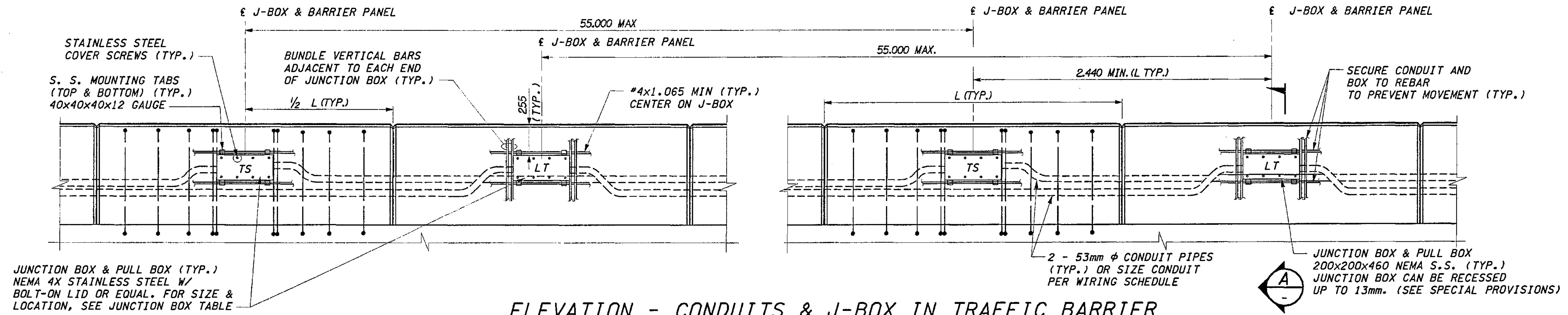
HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL S WEST 2

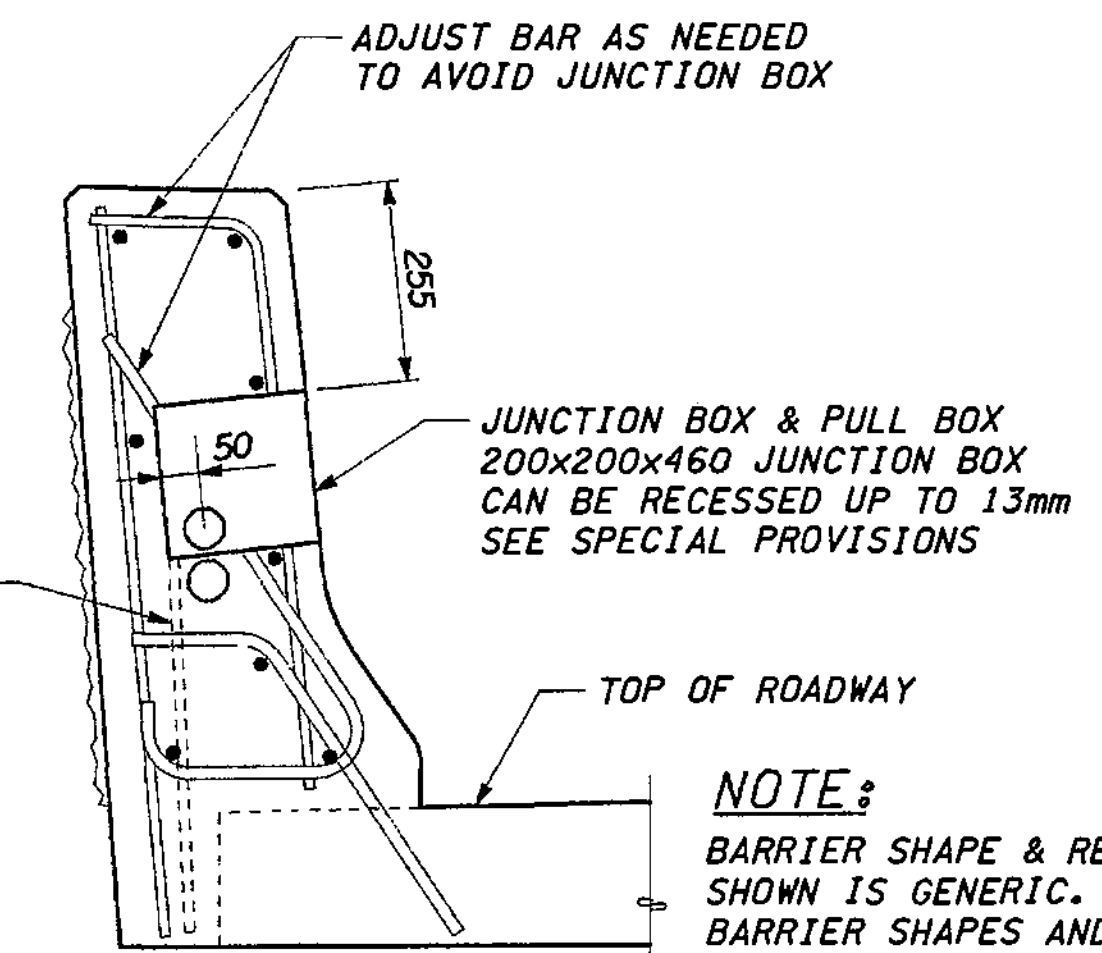
BRIDGE SHEET NO. RW64

SHEET 451 OF 1182 SHEETS



**ELEVATION - CONDUITS & J-BOX IN TRAFFIC BARRIER**

LABEL JUNCTION BOX COVER IN ACCORDANCE WITH STANDARD PLAN J-11A AND SPECIAL PROVISIONS. ADJACENT JUNCTION BOXES ARE SHOWN CENTERED BETWEEN ADJACENT DUMMY JOINTS. IF THE DISTANCE BETWEEN ADJACENT DUMMY JOINTS IS 4.880 OR GREATER, PLACE ADJACENT JUNCTION BOXES SYMMETRICALLY ON EITHER SIDE OF THE CENTER OF ONE DUMMY PANEL WHILE MAINTAINING 2.440 MINIMUM BETWEEN CENTER LINES OF THE JUNCTION BOXES.

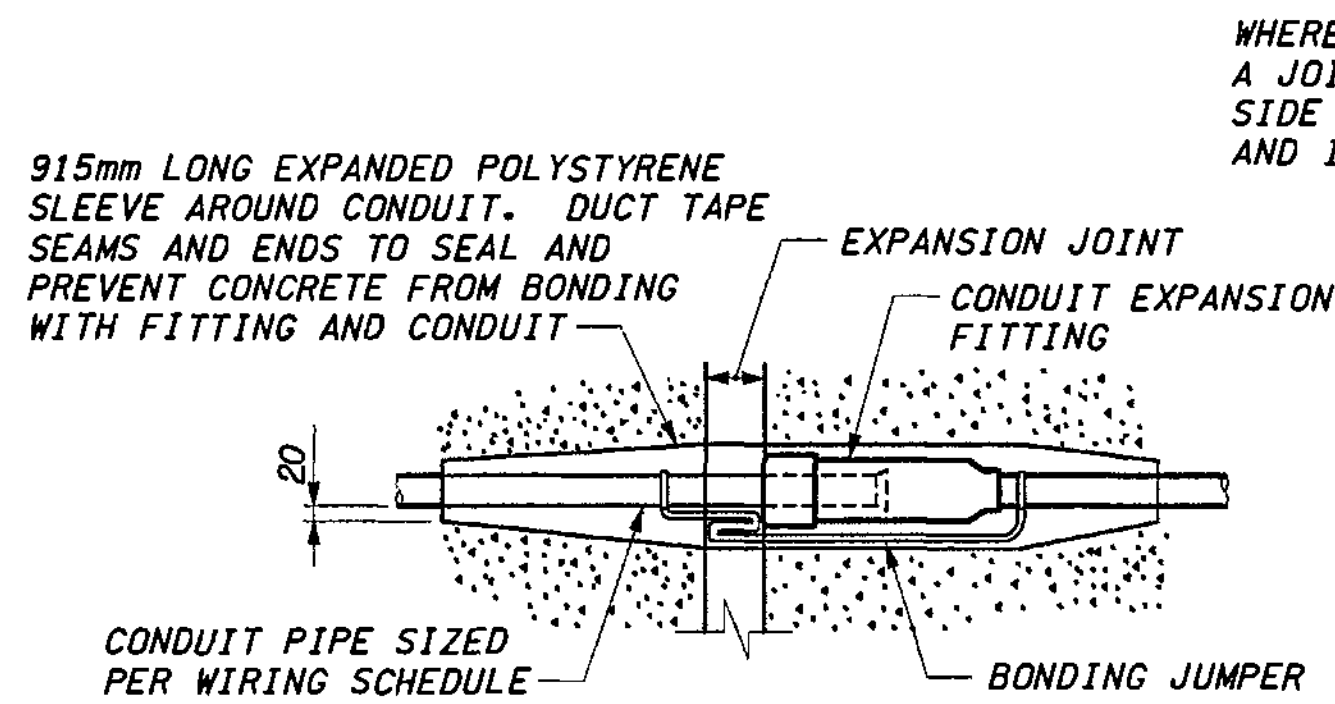


**SECTION A**

**NOTE:**  
BARRIER SHAPE & REINFORCING SHOWN IS GENERIC. FOR ACTUAL BARRIER SHAPES AND REINFORCING REFER TO EACH SPECIFIC RETAINING WALL OR CONCRETE BARRIER.

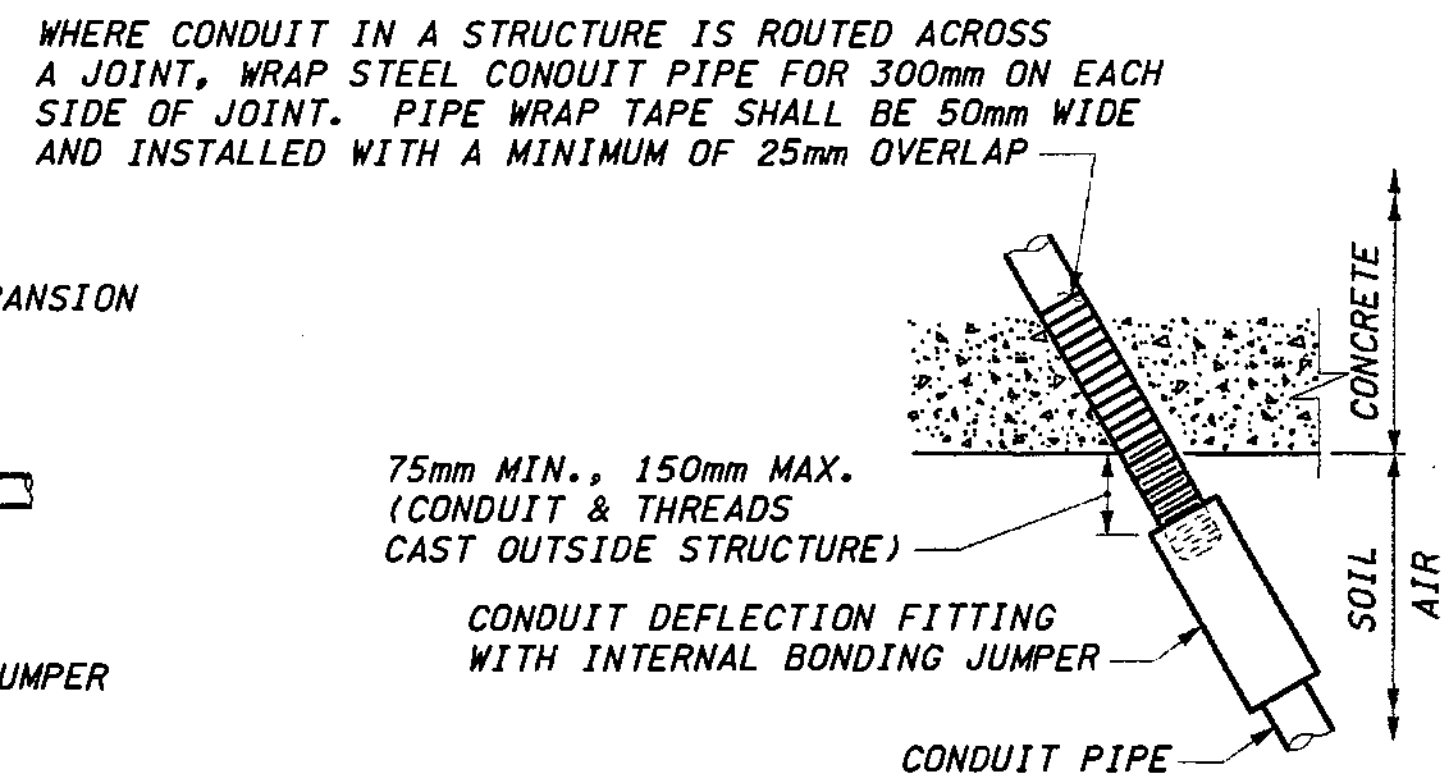
**FOR "AS CONSTRUCTED PLANS" ONLY**

- NOTES:**
1. DETAILS SHOWN ON THIS SHEET SHALL APPLY TO RETAINING WALLS SHOWN ON SHEETS RW1 THRU RW64 AND CONCRETE BARRIERS SHOWN ON SHEETS BD1 THRU BD7.
  2. FOR JUNCTION BOX LOCATIONS REFER TO INDIVIDUAL RETAINING WALLS.



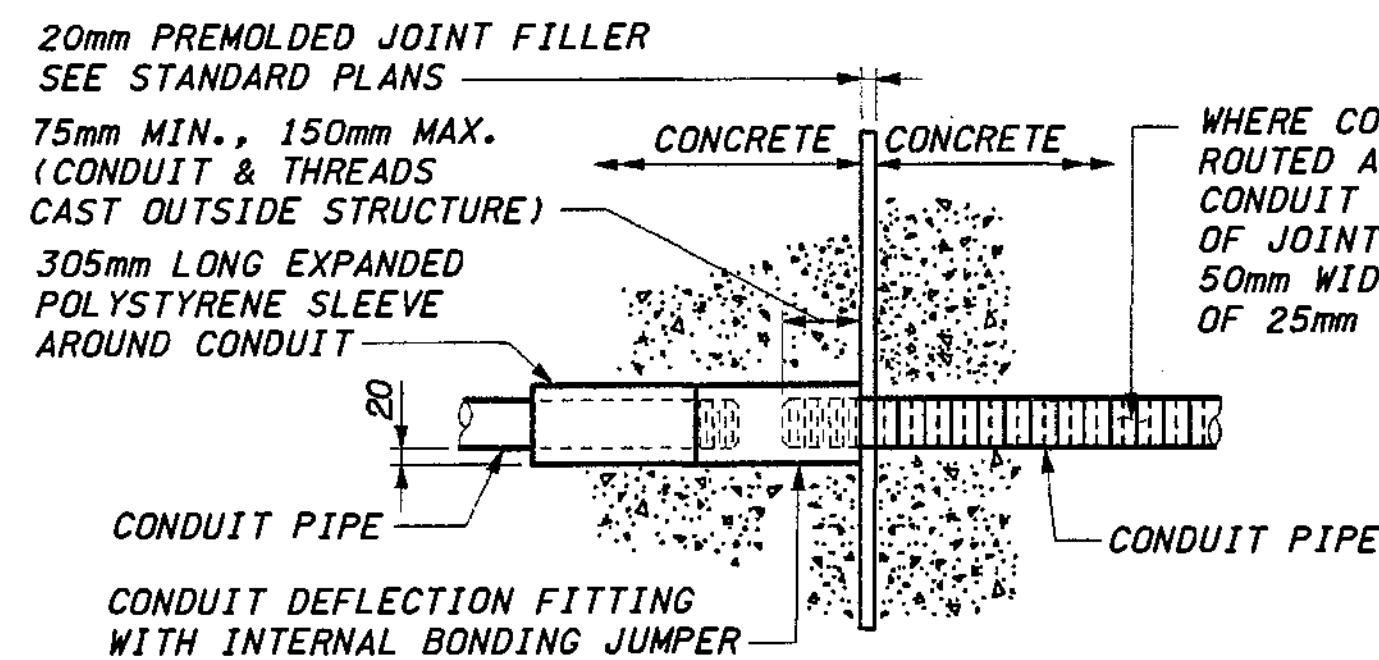
**CONDUIT EXPANSION FITTING**

CONDUIT FITTING - (TYPE AX FOR MOVEMENT OF ± 50mm) AT WALL EXPANSION JOINTS



**CONDUIT DEFLECTION FITTING A**

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 20mm MOVEMENT. PLACE AT CONDUIT PIPE EXIT FROM STRUCTURE



**CONDUIT DEFLECTION FITTING B**

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 20mm MOVEMENT. CONDUIT PIPES PLACED THROUGH RETAINING WALL TRAFFIC BARRIER SHALL BE FITTED WITH DEFLECTION FITTINGS AT A MAXIMUM SPACING OF 36.5 METERS. THE DEFLECTION FITTINGS SHALL BE PLACED AT THE TRAFFIC BARRIER OPEN JOINT THAT COINCIDES WITH THE RETAINING WALL STEM EXPANSION JOINT NEAREST TO THE TRANSVERSE CONSTRUCTION JOINT IN THE WALL FOOTING.

BRIDGE DESIGN ENGR. SUPERVISOR					
DESIGNED BY JHS	12/02				
ENTERED BY LDK	12/02				
CHECKED BY SKA	12/02				
PROJ. ENGR. D. CIERI	12/02				
REGIONAL ADM. D. DYE	12/02				
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALLS  
CONDUITS & J-BOX DETAILS

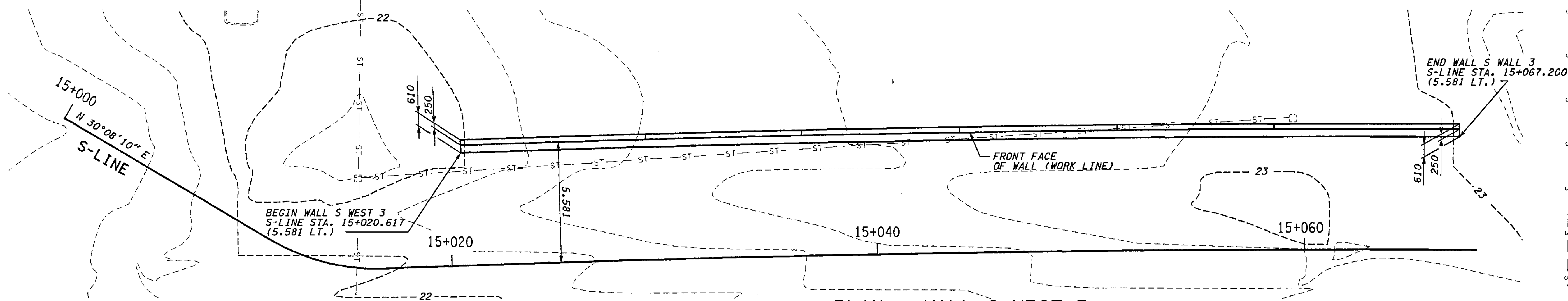
BRIDGE SHEET NO. RW65

SHEET 452 OF 152 SHEETS

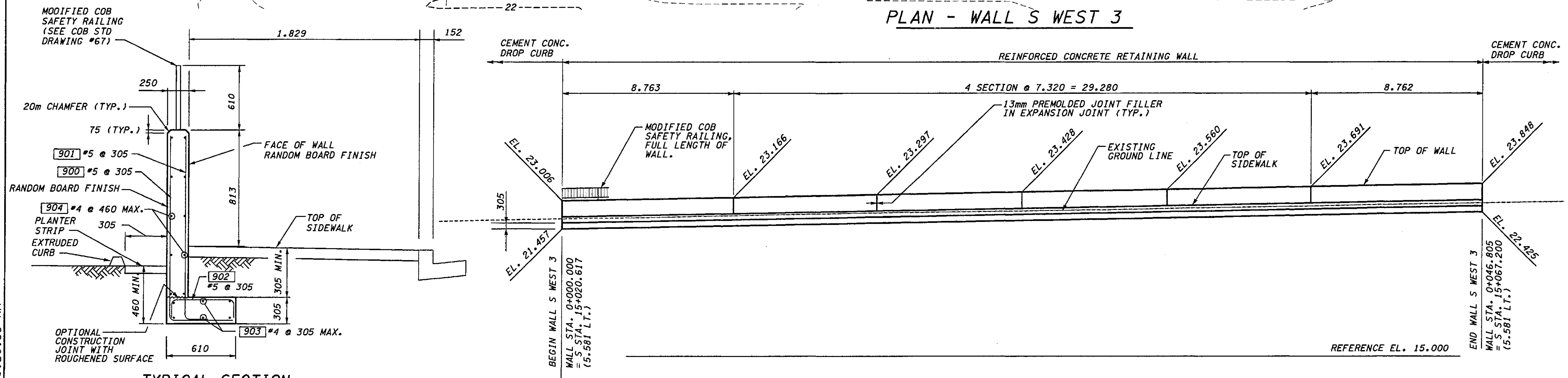


SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405



PLAN - WALL S WEST 3



TYPICAL SECTION

DEVELOPED ELEVATION - WALL S WEST 3

**WALL S WEST 3 BAR LIST**  
ALL REINFORCING SHALL BE AASHTO M 31, GR. 60.

MARK	SIZE	LENGTH	BEND DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
900	5	(A)	
901	5	(A)	
902	5	770	
903	4	(A)	
904	4	(A)	STR.

(A) DETERMINE FROM PLANS

FOR "AS CONSTRUCTED  
PLANS" ONLY

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I 405 JOB NO. SHEET 03/26/2003 11:20:53 AM mbenson

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	BRIDGE SHEET NO. RW66			
SUPERVISOR		10	WASH		3/28/03 ADDED WALL S WEST 3 RGO	JOB NUMBER 02A012 CONTRACT NO.		RETAINING WALL S WEST 3	SHEET 152A 1152 SHEETS			
DESIGNED BY	BTA 12/02											
ENTERED BY	MJB 12/02											
CHECKED BY	JHS 12/02											
PROJ. DYER	D. CIERI 12/02											
REGIONAL ADM.	D. DYE 12/02											
DATE	DATE	REVISION	BY									

ESTIMATED RETAINING WALL QUANTITIES

WALL \ UNIT >	REMOVING PORTION OF EXISTING STRUCTURE	CEMENT CONCRETE GUTTER	UNDERDRAIN PIPE 150 MM DIAM.	STRUCTURE EXCAVATION CLASS A INCL. HAUL	GRAVEL BACKFILL FOR WALL	CRUSHED SURFACING BASE COURSE BACKFILL FOR WALL	DEWATERING SYSTEM	MAINTENANCE AND OPERATION OF DEWATERING SYSTEM	SHORING OR EXTRA EXCAVATION CLASS A	REMOVING OBSTRUCTIONS	SHAFT - 610 MM DIAMETER	SHAFT - 760 MM DIAMETER	FURNISHING SOLDIER PILE - W 410X114	FURNISHING SOLDIER PILE - W 360X134	FURNISHING SOLDIER PILE - DBL. W 460X60	FURNISHING SOLDIER PILE - DBL. W 460X89 W/COVER PLATE	EPOXY-COATED ST. REINF. BAR FOR SLAB	ST. REINF. BAR FOR RETAINING WALL	ST. REINF. BAR FOR SLAB	CONC. CLASS 28 FOR RETAINING WALL	CONC. CLASS 28D FOR BRIDGE	TIMBER LAGGING	PREFABRICATED DRAINAGE MATERIAL	CONCRETE FACIA PANEL	PERMANENT GROUND ANCHOR	PERFORMANCE TEST	
	LS.	m	m	m3	m3	m3	LS.	MONTH	LS.	DOL	m	m	m	m	m	m	kg	kg	kg	m3	m3	m3	m2	m2	EACH	EACH	
P SOUTH			49																								
P NORTH			53																								
BAN EAST 1			288							\$58,900		1437		299	174	965						168	1625	1745	163	9	
BAN EAST 2			89							\$17,800		386		188	57	142						37	350	377	28	2	
CDL WEST 1			215	850	530				LS	\$16,500	247		227						12,600		255		160	223			
DL		12	205	3400	2350				LS										42,000		1085						
CDL EAST 1			81	1000	\$550				LS										13,000		290						
CDL EAST 3			105							\$21,000	130		144	118		133							290	354	22	3	
GL		48	88							\$13,000	178			164							1,750		149	199			
BAS WEST			50																								
BAS EAST 1			130																								
BAS EAST 2			100																								
BAN WEST			275																								
CDR WEST	LS		36	48															4,600	2,100	58	9					
CDR EAST			80	193	160														4,500		100						
BAN EAST 3			31	120	50				LS										2,200		35						
P SOUTH 2			65	170	90				LS										2,600		51						
S WEST			40	130	70				LS										1,600		33						
T			33	53	30				LS										1,000		23						
S WEST 2				17	6				LS										250		5						
CDL WEST 2			269	6,563	1736	48	LS	18 *	LS										151,225		2281						
CDL EAST 2			350	8067	2375	62	LS	18 *	LS										1013	176,458	610	2680	11				
S WEST 3				40	16														1,900		22						
TOTAL	LS	60.0	2,632	20,651	7,963	110	LS	18	LS	\$127,200	555	1,967	509	487	364	1,107		1013	415,683	2,710	6,934	20	266	2,574	2,898	213	14

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	KJW	12/02			REGION NO.	STATE	FED. AID PROJ. NO.																					
ENTERED BY	MJB	12/02			10	WASH																						
CHECKED BY	GBW	12/02	4/23/03	REVISED PILE W 510X143	RG0																							
PROJ. ENGR.	O. CIERI	12/02	4/11/03	REVISED PILE W 460X128	RG0																							
REGIONAL ADM.	D. DYE	12/02	3/28/03	REVISED QUANTITIES	RG0																							
		DATE	DATE	REVISION	BY																							

RONALD G. OHLBERG  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
EXPIRES: 11/14/04

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

SHEET NO  
RWQ1

SHEET  
453  
OF  
1152  
SHEETS

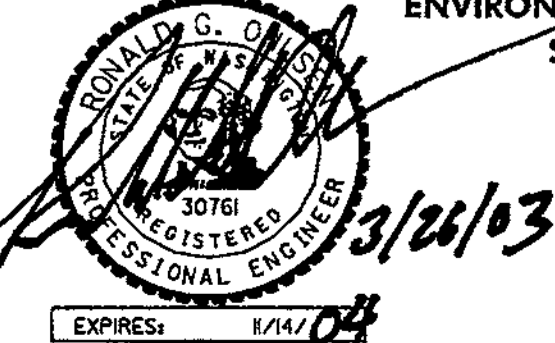


ESTIMATED RETAINING WALL QUANTITIES



ESTIMATED RETAINING WALL QUANTITIES

WALL v \ UNIT >	VERIFICATION TEST	COB SAFETY RAILING	BRIDGE RAILING TYPE BP	TRAFFIC BARRIER	TRAFFIC BARRIER TYPE A	TRAFFIC BARRIER TYPE C	TRAFFIC BARRIER TYPE D	TRAFFIC BARRIER TYPE E	TRAFFIC BARRIER TRANSITION	SEW TRAFFIC BARRIER	TRANSITION WALL / BARRIER	STRUCTURE EXCAVATION CLASS B INCL. HAUL	GRAVEL BACKFILL FOR DRAIN	CHAIN LINK FENCE TYPE 4	CABLE FENCE	STRUCTURAL EARTH WALL	BACKFILL FOR STRUCTURAL EARTH WALL, INCL. HAUL	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE
	LS.	m	m	m	m	m	m	m	m	m	m	m3	m3	m	m	m2	m3	m2
P SOUTH										44		33	19			166	1079	89
P NORTH										48		38	20			135	540	96
BAN EAST 1	LS			290									87					735
BAN EAST 2	LS			89									27					227
CDL WEST 1					18	160			27				41					415
DL						5			6				19					243
CDL EAST 1						81							8					98
CDL EAST 3	LS					105							30					280
GL													25	40				230
BAS WEST										37	12		18			103	230	120
BAS EAST 1										114	16		50			570	4000	350
BAS EAST 2										81	18		37			370	2600	275
BAN WEST										246	28		102			1350	9000	750
CDR WEST			44	0			36						0					0
CDR EAST				80									6					
BAN EAST 3													3					47
P SOUTH 2		64											6					77
S WEST		36											4					44
T													3					39
S WEST 2		6																
CDL WEST 2				0	171			96					48	0				
CDL EAST 2				28	0								62	106				
S WEST 3		47																
TOTAL	LS	153	44	487	189	351	36	96	33	570	74	71	615	40	106	2,694	17,449	4,115

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY KJW	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST. ESTIMATED RETAINING WALL QUANTITIES	SHEET NO. RWQ2
ENTERED BY MJB	12/02	JOB NUMBER	02A012				SHEET 45A OF 1152 SHEETS				
CHECKED BY GBW	12/02	CONTRACT NO.									
PROJ. ENGR. D. CIERI	12/02	DATE	3/28/03	REVISION	ADDED S WEST 3 QUANTITIES	BY					
REGIONAL ADM. D. DYE	12/02	DATE		REVISION		BY					

d:\pwrtemp\dms00355\CD001\_C2.dgn

PLOT4

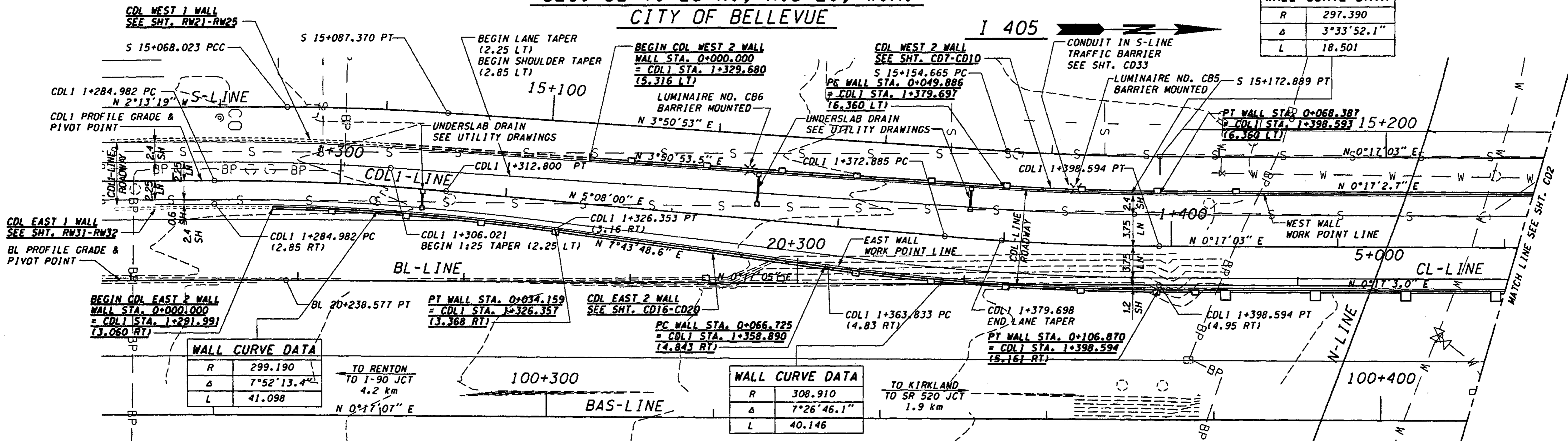
11/25/2002 01:24:15 PM

Touniea

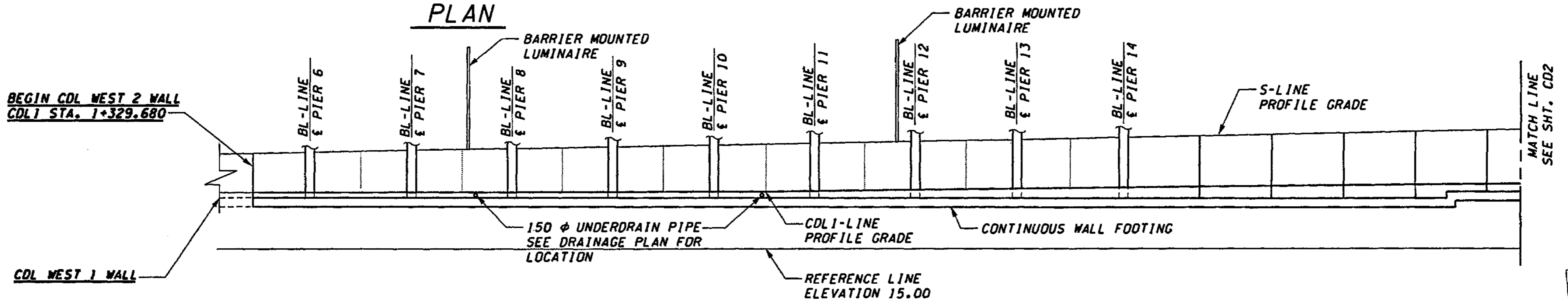
# SEC. 32 T. 25 N., R.5 E., W.M. CITY OF BELLEVUE

## I 405

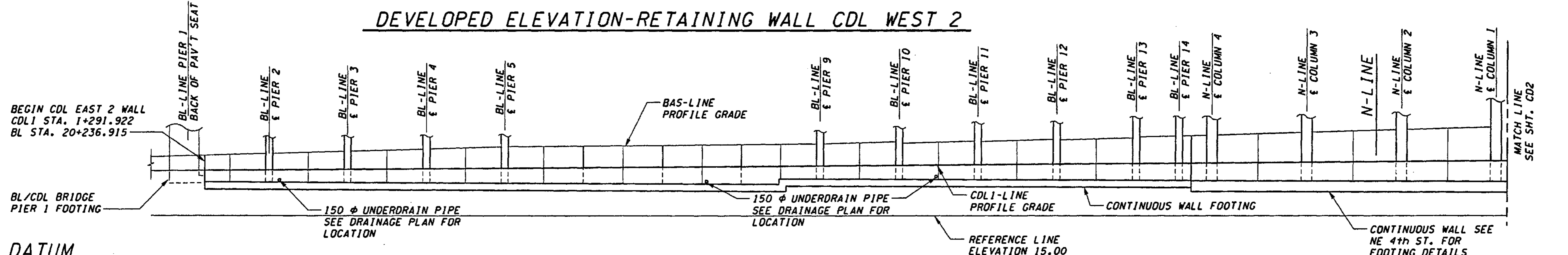
WALL CURVE DATA	
R	297.390
Δ	3°33'52.1"
L	18.501



### PLAN



### DEVELOPED ELEVATION-RETAINING WALL CDL WEST 2



### REFLECTED DEVELOPED ELEVATION-RETAINING WALL CDL EAST 2

### CAST-IN-PLACE REINFORCED CONCRETE WALLS

FOR "AS CONSTRUCTED" PLANS ONLY

DATUM  
NAVD OF 1988

DESIGNED BY	DATE	REVISION	BY
D. McMULLEN	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
PLAN & ELEVATION - SHEET 1

SHEET NO.
CD1



dt:\pwt\temp\dms00355\CD002\_C2.dgn

PL014

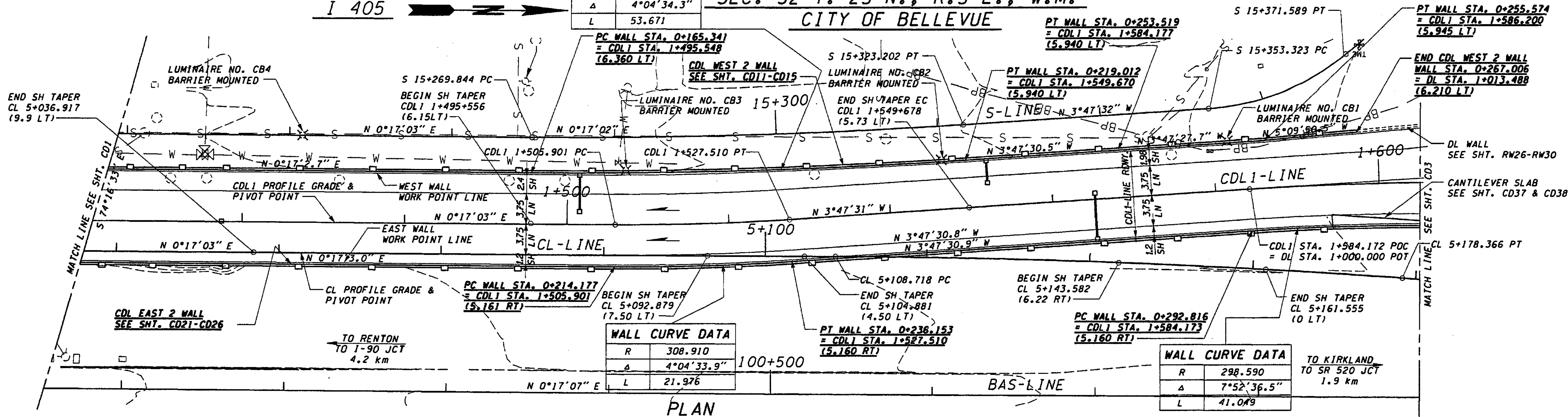
11/22/2002 12:17:47 PM

Touniea

I 405

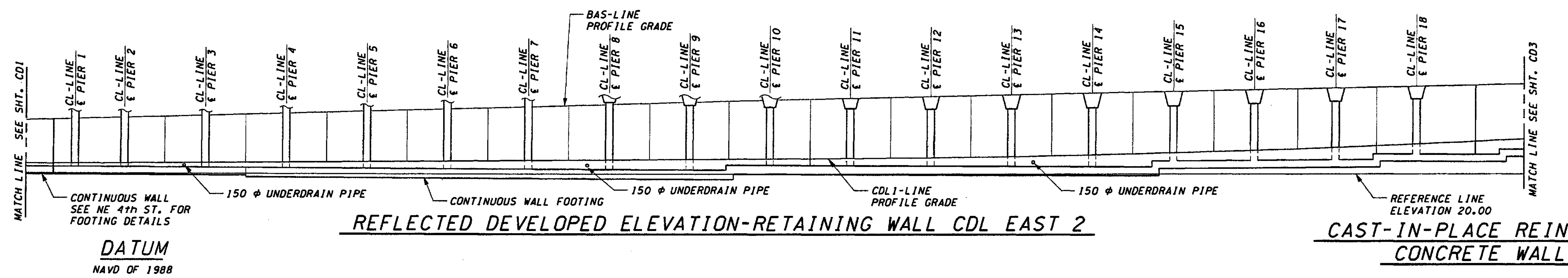
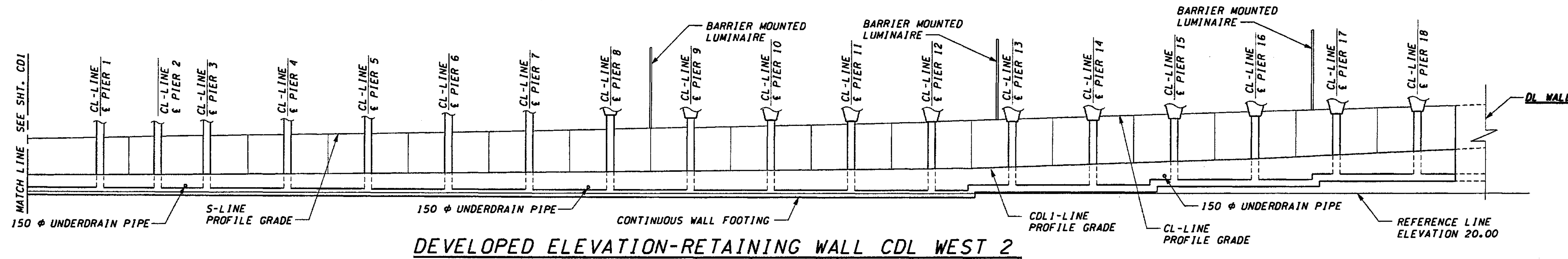
WALL CURVE DATA	
R	754.410
Δ	4°04'34.3"
L	53.671

SEC. 32 T. 25 N., R.5 E., W.M.  
CITY OF BELLEVUE



WALL CURVE DATA	
R	308.910
Δ	4°04'33.9"
L	21.976

WALL CURVE DATA	
R	298.590
Δ	7°52'36.5"
L	41.049



FOR "AS CONSTRUCTED  
PLANS" ONLY

DATUM  
NAVD OF 1988

CAST-IN-PLACE REINFORCED  
CONCRETE WALLS

DESIGNED BY	M. EL-AARAG	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
JOB NUMBER	02A012	CONTRACT NO.			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
PLAN & ELEVATION - SHEET 2

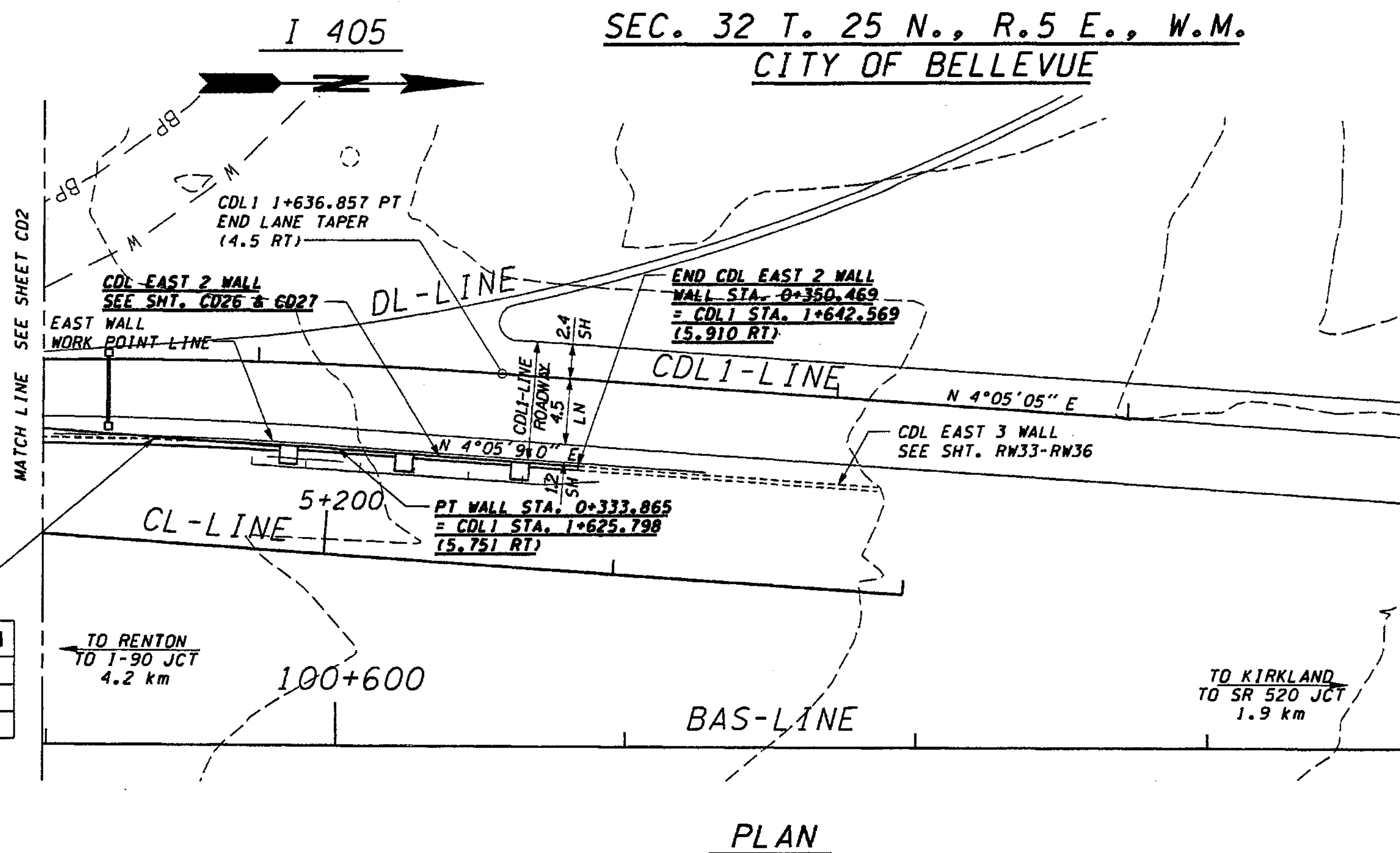
SHEET NO.	CD2
SHEET OF	456 OF 1152 SHEETS

d:\pwrtemp\dms00355\CD003\_C2.dgn

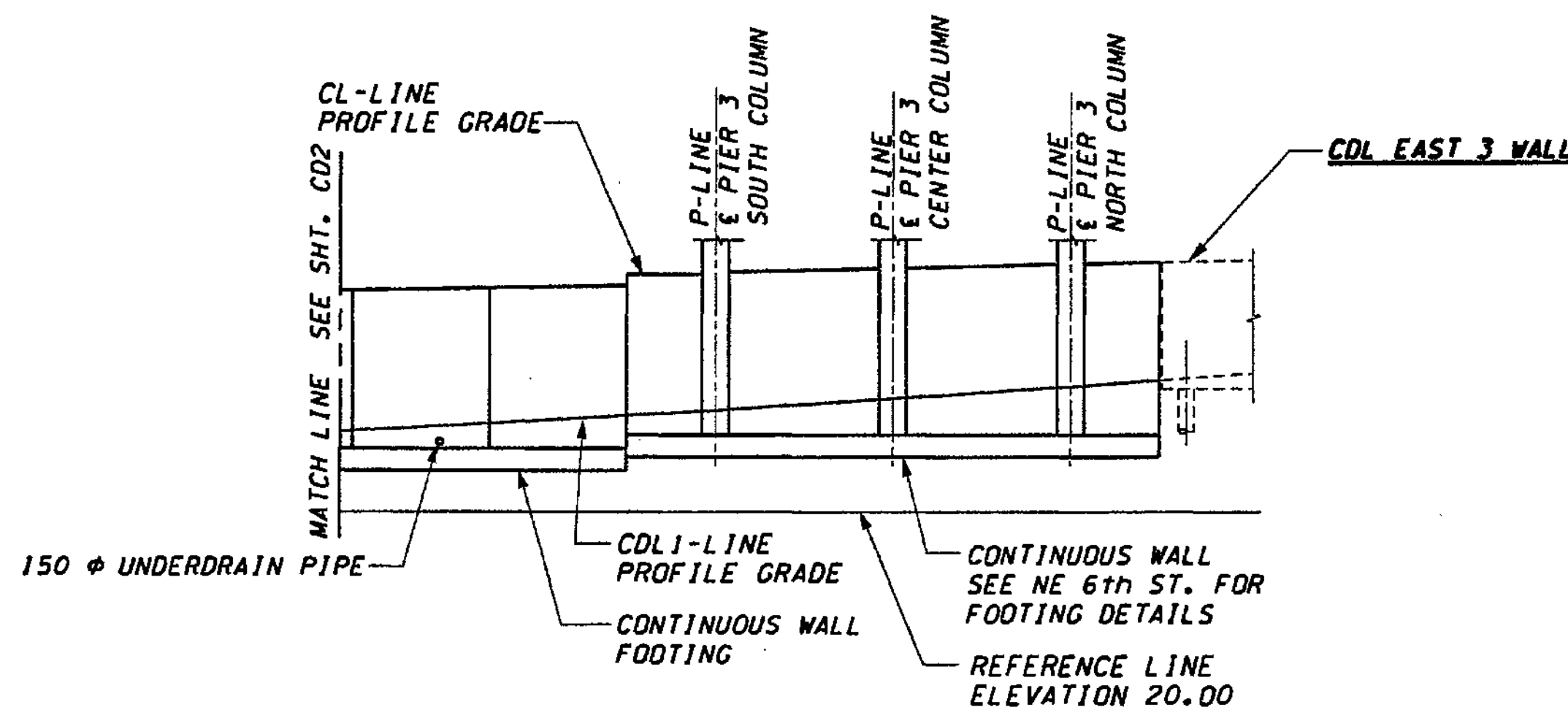
PL014

11/22/2002 12:19:04 PM

TaunieA



WALL CURVE DATA	
R	298.590
Δ	7°52'36.5"
L	41.049



REFLECTED DEVELOPED ELEVATION-RETAINING WALL CDL EAST 2

FOR "AS CONSTRUCTED PLANS" ONLY

DATUM  
NAVD OF 1988

DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	DATE	DATE	REVISION	BY
M. EL-AARAG	H. TRAN	I. HASAYEN	D. CIERI	D. DYE	12/02	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

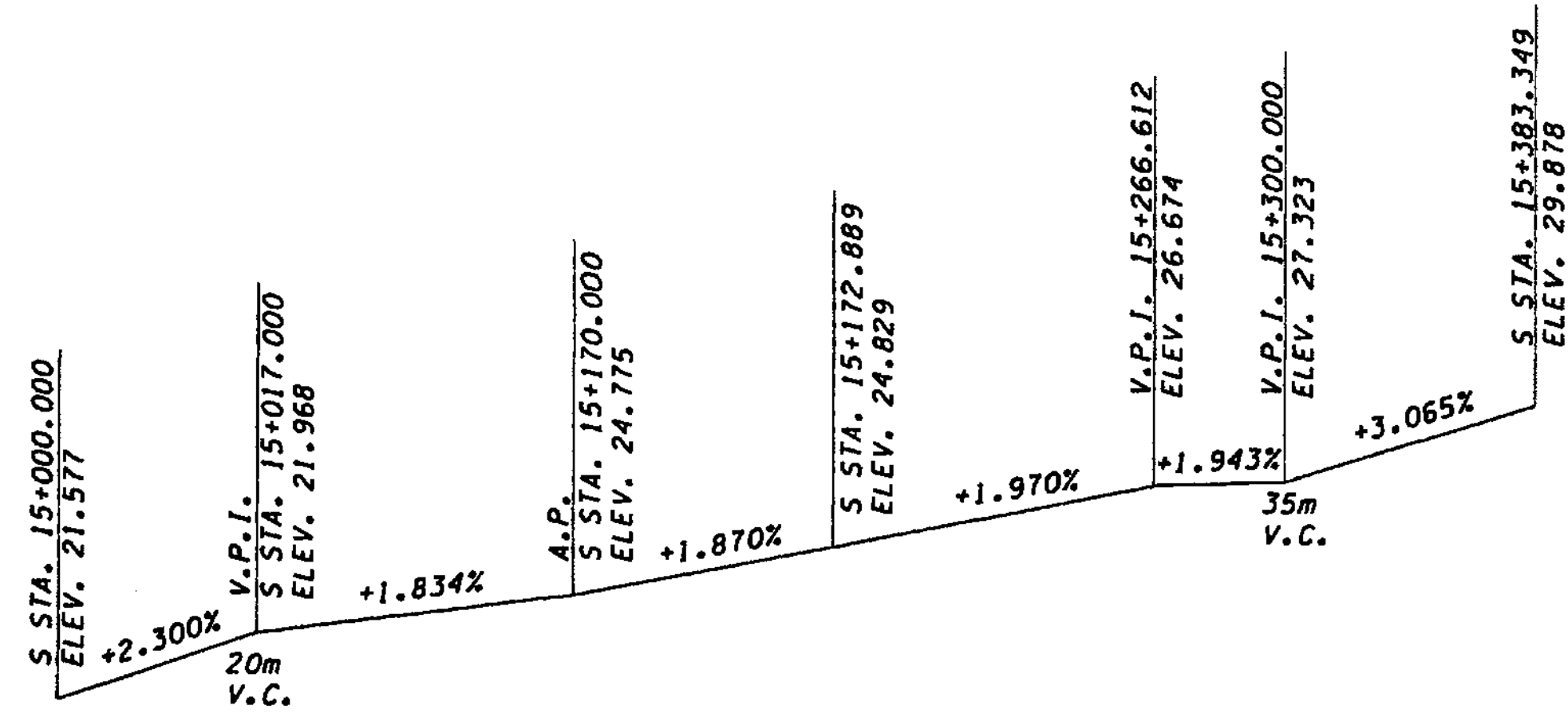
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
PLAN & ELEVATION - SHEET 3

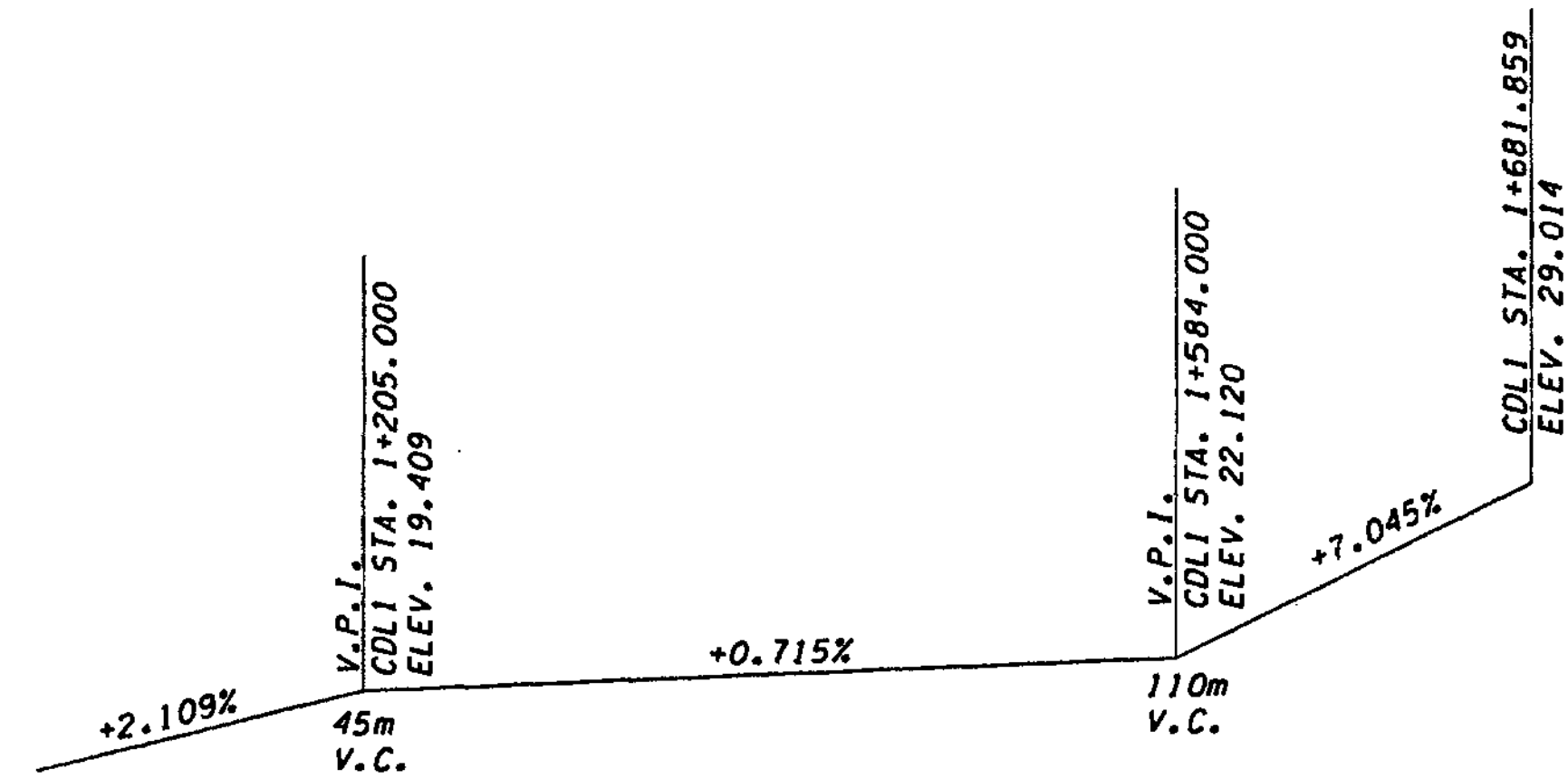
SHEET NO  
CD3

457  
OF  
1152  
SHEETS

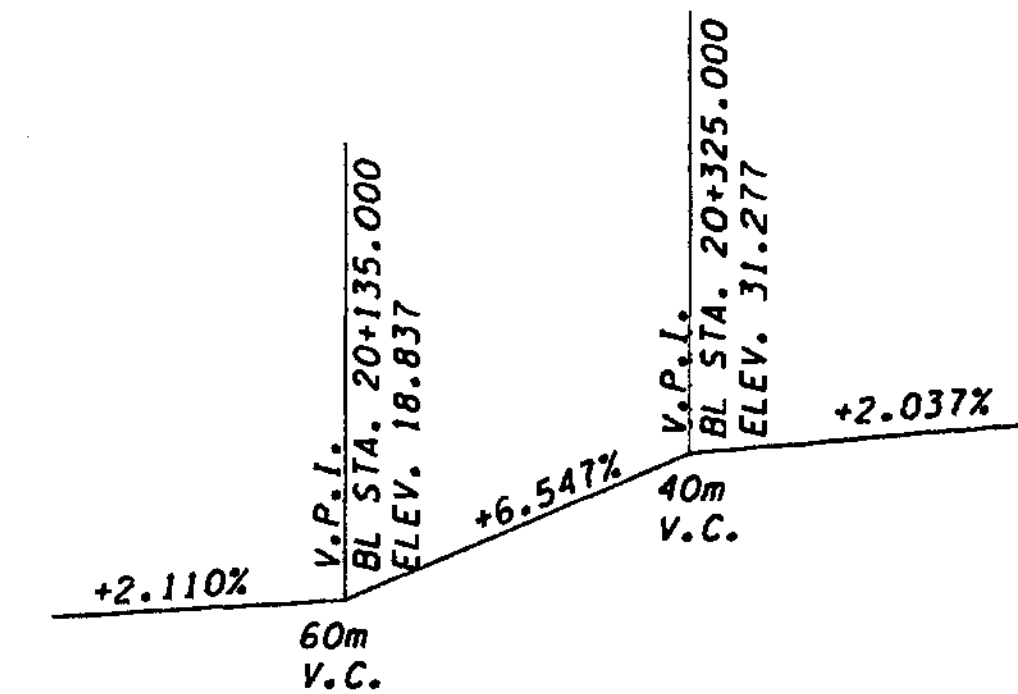




S-LINE PROFILE

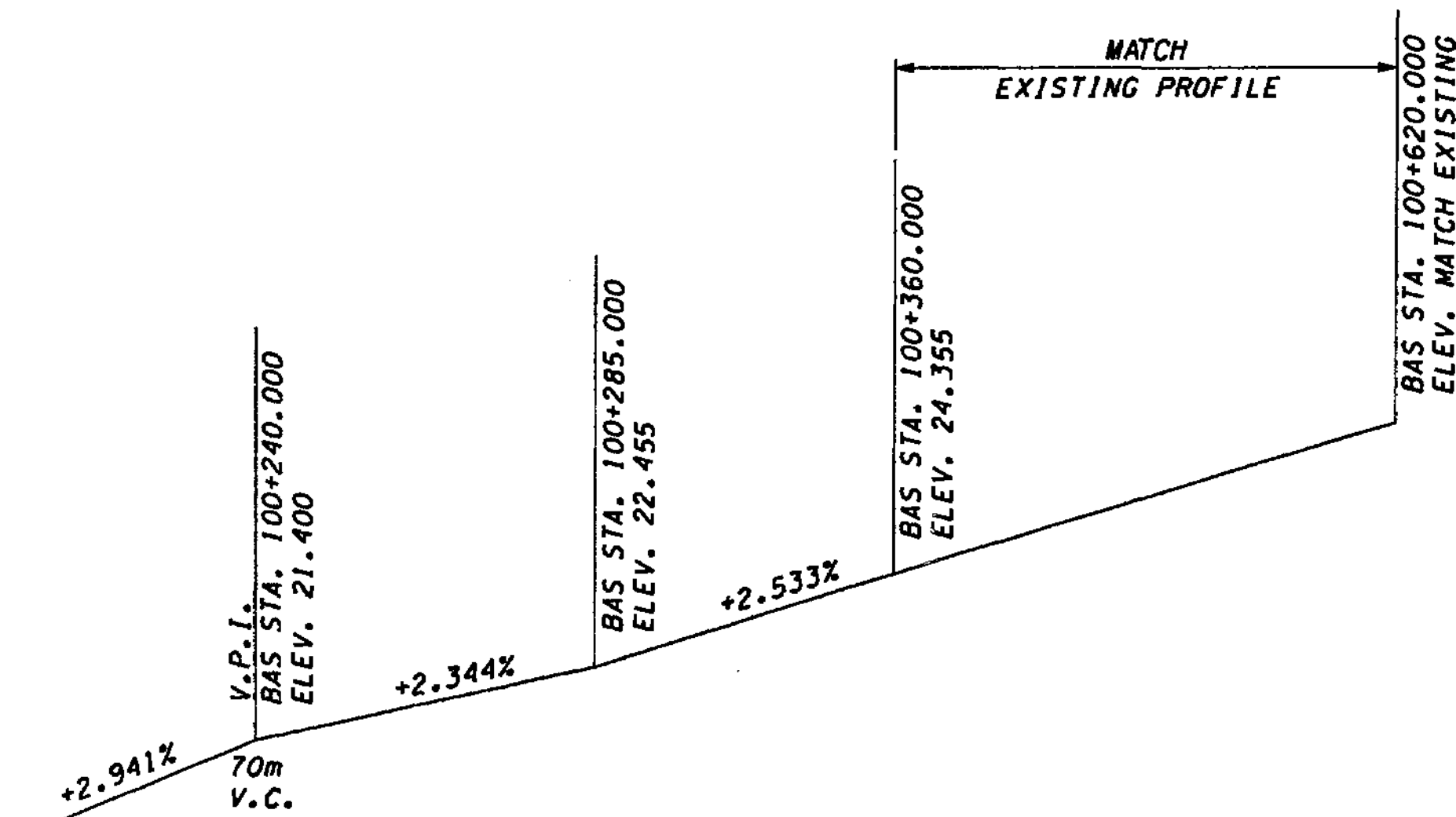


CDL1-LINE PROFILE

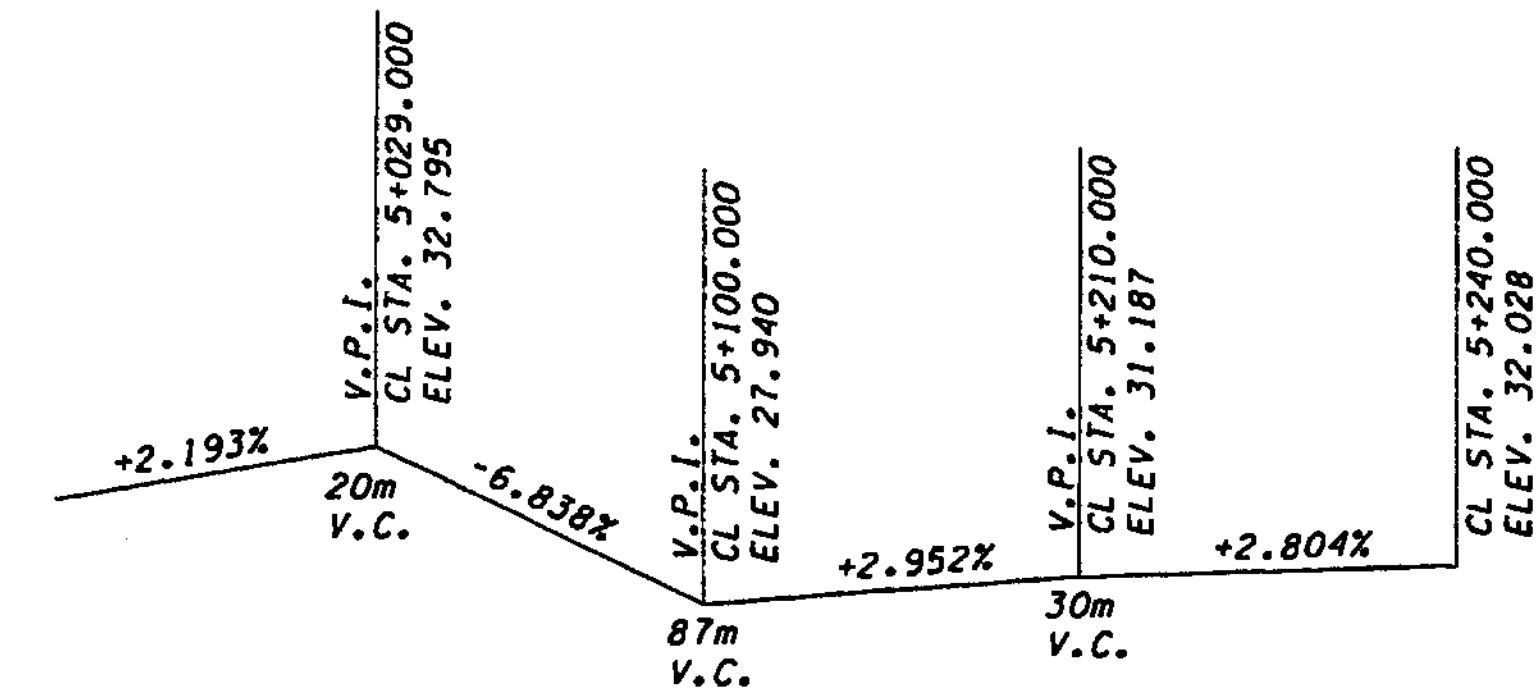


BL-LINE PROFILE

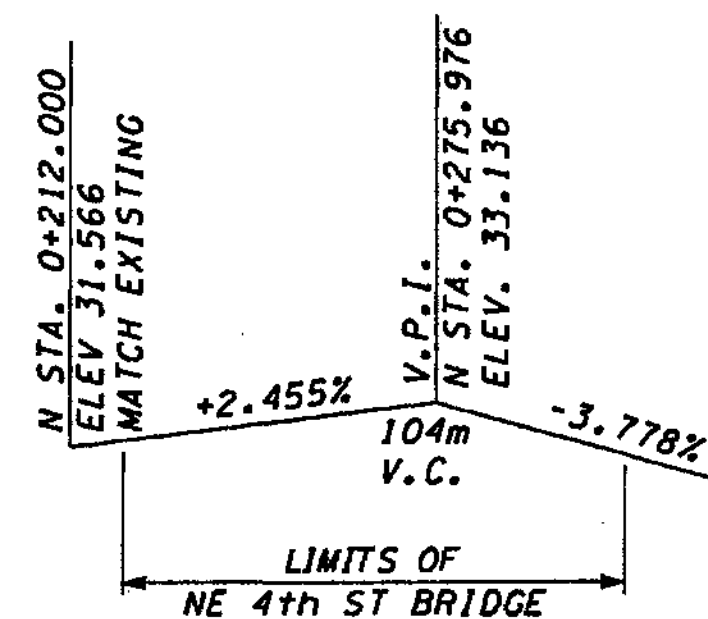
CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
BL 20+187.620	5°04'51" RT	1115.000	51.023	101.979
CL 5+143.555	3°48'02" RT	1050.000	34.836	69.647
CDL1 1+215.651	6°50'46" RT	1161.850	69.496	138.826
CDL1 1+516.710	4°04'34" LT	303.750	10.809	21.609
CDL1 1+610.556	7°52'36" RT	383.237	26.384	52.685
CDL1 1+298.901	5°16'24" RT	302.250	13.919	27.819
CDL1 1+385.748	4°50'58" LT	303.750	12.862	25.709
S 15+042.414	2°30'25" RT	1170.700	25.617	51.225
S 15+077.700	3°33'47" RT	311.100	9.676	19.346
S 15+163.780	3°33'50" LT	292.980	9.115	18.224
S 15+296.534	4°04'34" LT	750.000	26.690	53.357
S 15+362.749	34°53'08" LT	30.000	9.426	18.266
N 0+198.682	18°35'55" RT	213.360	34.937	69.259



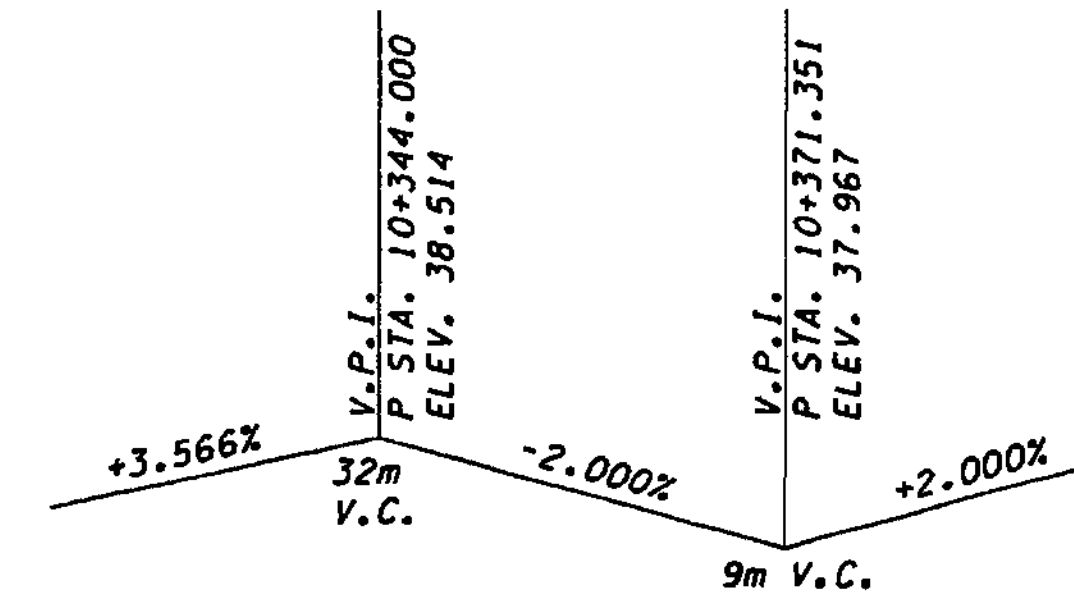
BAS-LINE PROFILE



CL-LINE PROFILE



N-LINE PROFILE



P-LINE PROFILE

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	D. McMULLEN	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

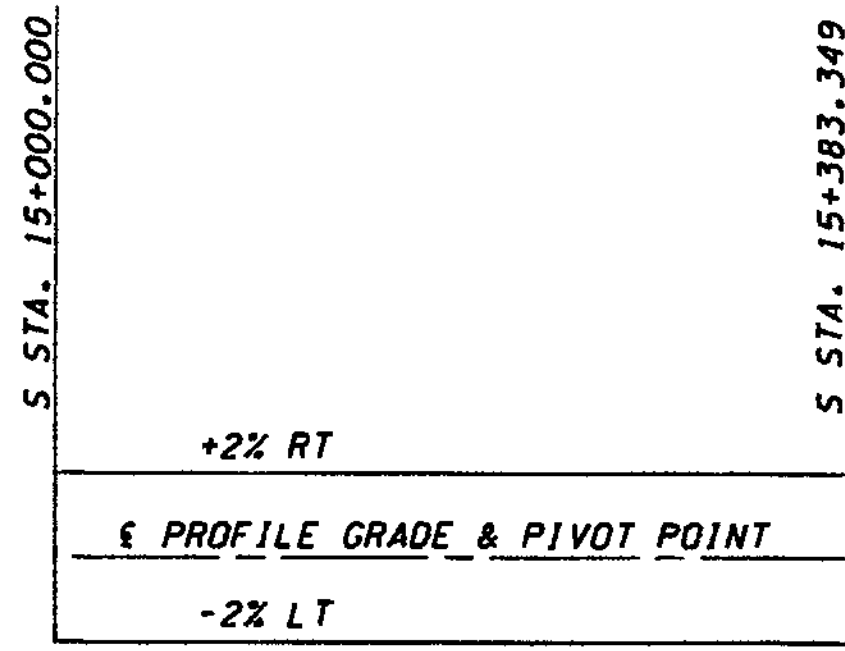
I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL2 PROFILES

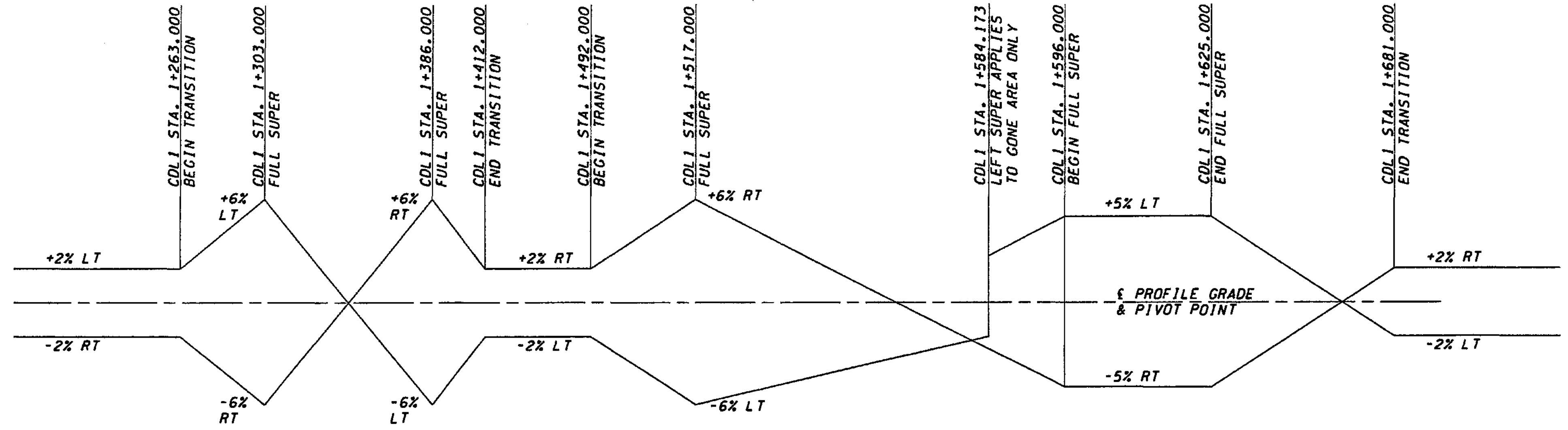
SHEET NO. CD4

458 SHEETS

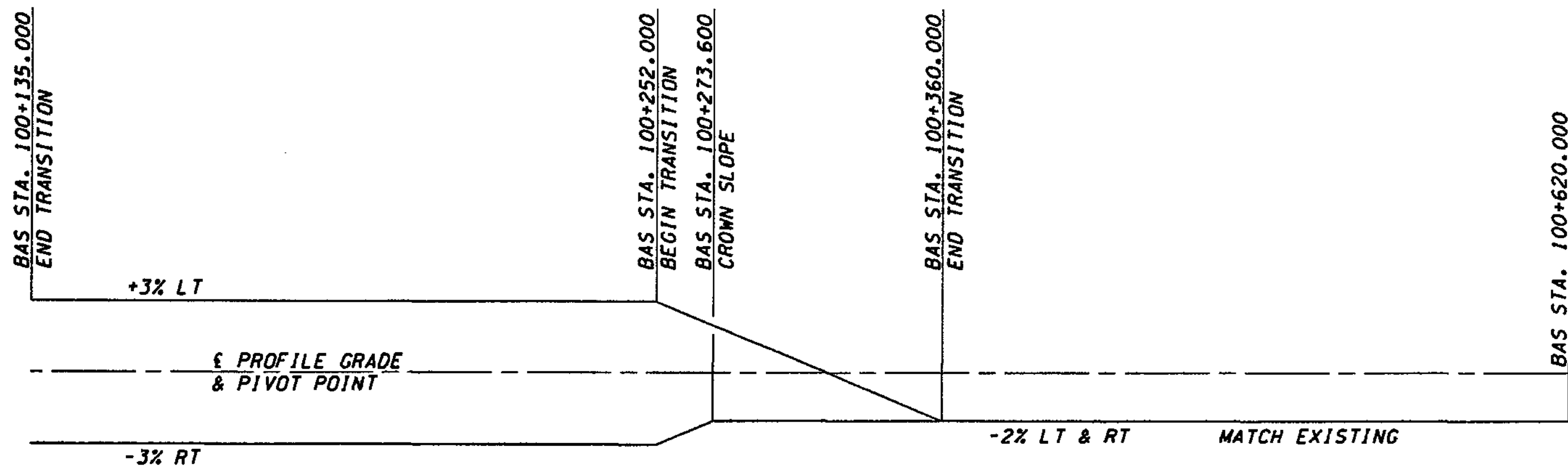
1152 SHEETS



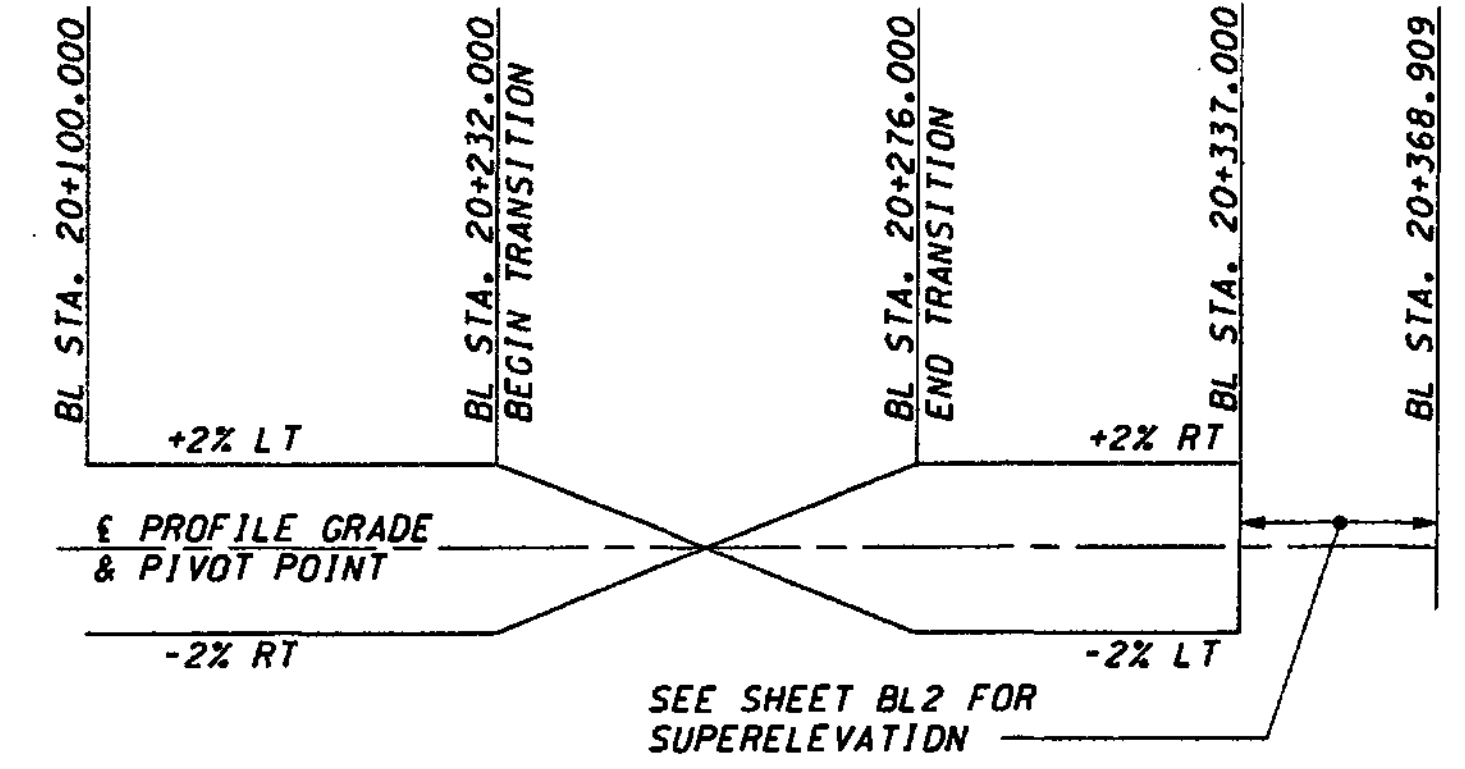
S-LINE SUPERELEVATION DIAGRAM



CDL1-LINE SUPERELEVATION DIAGRAM



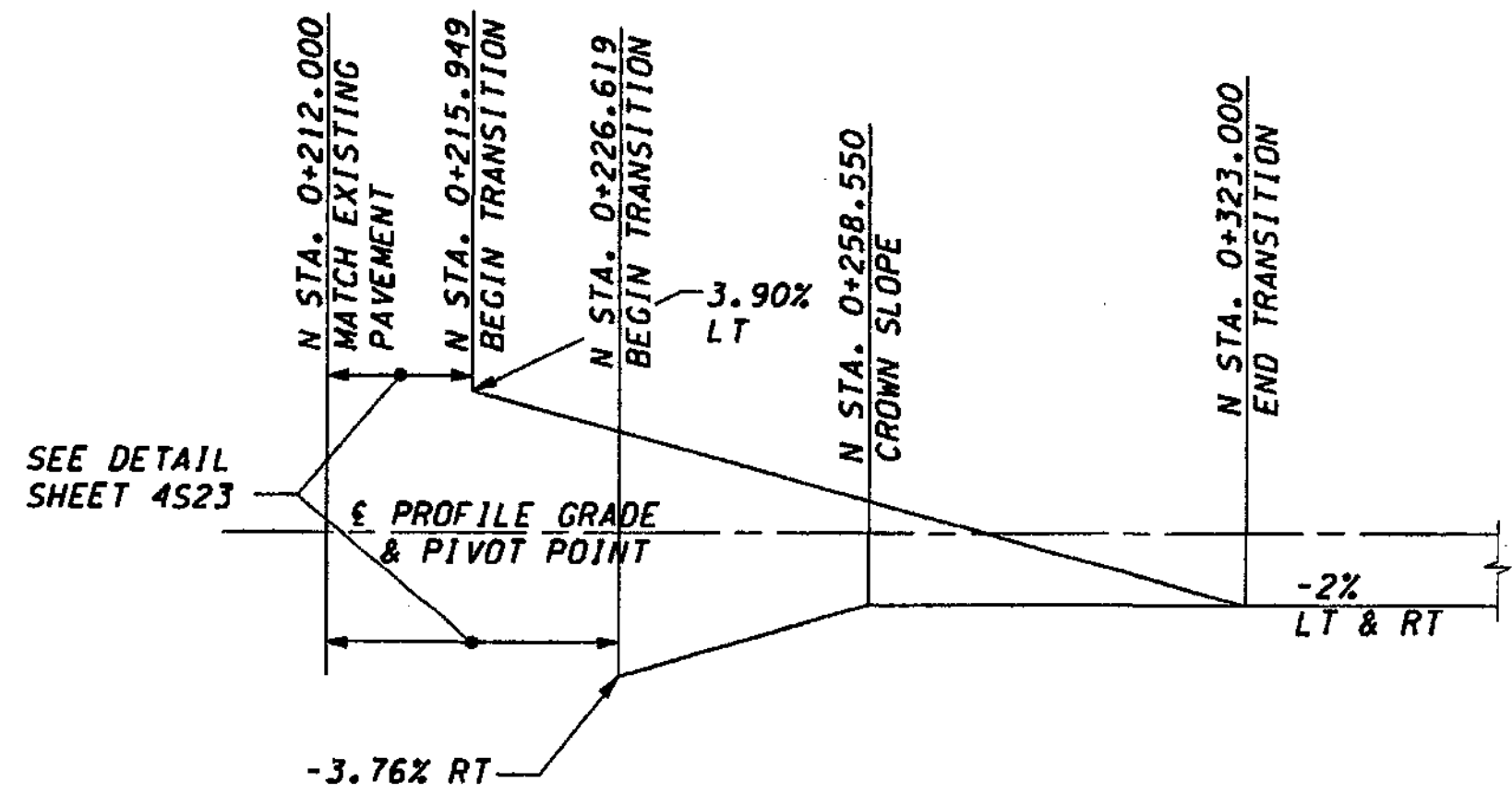
BAS-LINE SUPERELEVATION DIAGRAM



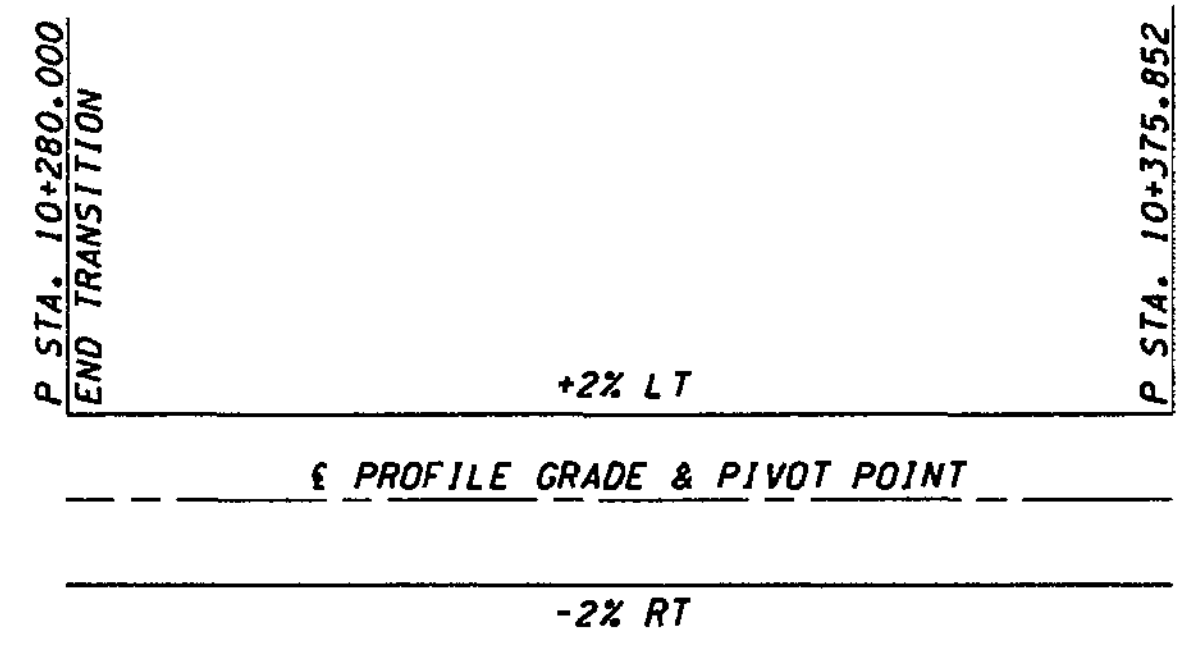
BL-LINE SUPERELEVATION DIAGRAM

SEE SHEET BL2 FOR SUPERELEVATION

FOR "AS CONSTRUCTED PLANS" ONLY

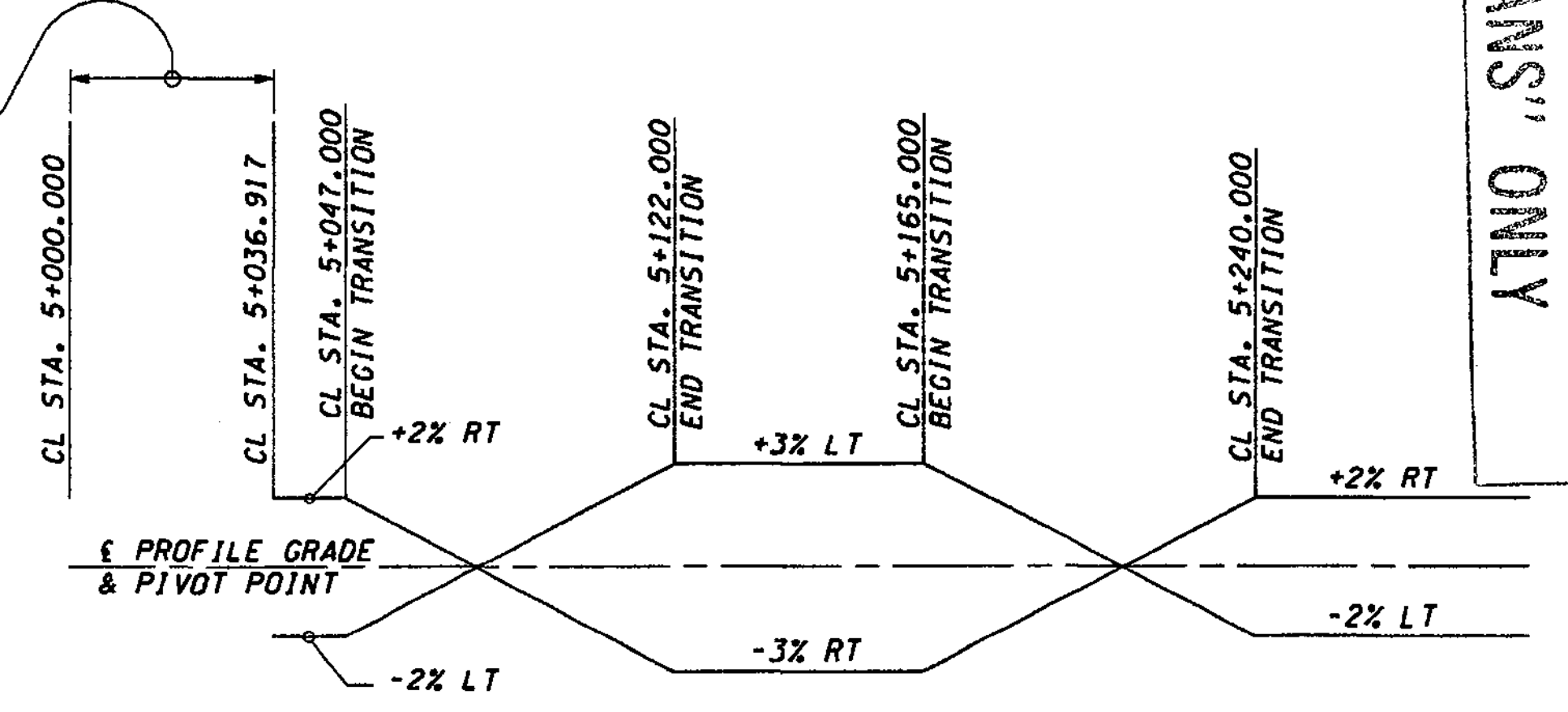


N-LINE SUPERELEVATION DIAGRAM



P-LINE SUPERELEVATION DIAGRAM

SUPERELEVATION TRANSITION ZONE SEE SHT. CL2



CL-LINE SUPERELEVATION DIAGRAM

DESIGNED BY	D. McMULLEN	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

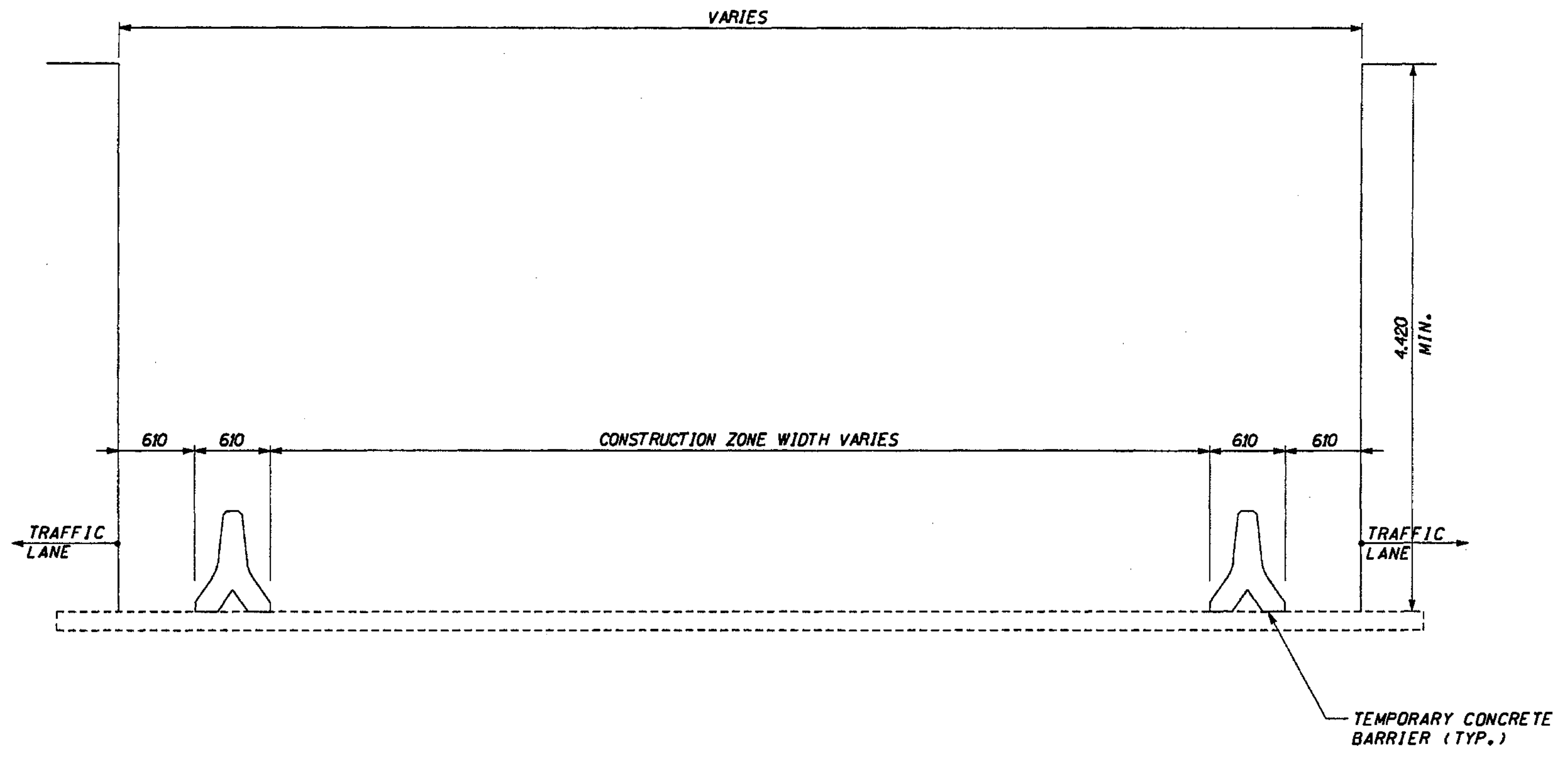
RETAINING WALL CDL2  
SUPERELEVATIONS

SHEET NO.	CD5
SHEET NO.	459
SHEETS	1152



**GENERAL NOTES**

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION - ENGLISH, DATED 2002 AND AMENDMENTS.
2. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENT OF THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES SIXTEENTH EDITION-1996 AND INTERIMS THROUGH 2000. ALL STRUCTURAL ELEMENTS ARE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS FOR ALLOWABLE STRESS DESIGN AND LOAD FACTOR DESIGN. SEISMIC DESIGN HAS BEEN DONE USING AN ACCELERATION COEFFICIENT OF 0.3 AND A SDIL PROFILE TYPE II.
3. THE CONCRETE IN THE CANTILEVER ROADWAY DECK SHALL BE CLASS 28D. ALL OTHER CAST-IN-PLACE CONCRETE SHALL BE CLASS 28.
4. THE MAXIMUM DESIGN SOIL BEARING PRESSURE IS 1 KPa.
5. UNLESS OTHERWISE SHOWN ON THE PLANS, THE CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY REINFORCING STEEL SHALL BE 75mm AT THE BOTTOM OF FOOTINGS, 50mm AT THE TOP OF FOOTINGS, AND 40mm AT ALL OTHER LOCATIONS.
6. ALL DIMENSIONS SHOWN WITH DECIMALS ARE IN METERS AND WITHOUT DECIMALS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
7. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
8. THE UTILITY LOCATIONS ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL COORDINATE WITH THE RELEVANT UTILITY PLANS.



**CONSTRUCTION OPENING DIAGRAM**

**LEGEND**

- IDENTIFIES SECTION, VIEW OR DETAIL
- TAKEN OR SHOWN ON BRIDGE SHEET NO.
- TAKEN OR SHOWN ON THE SAME SHEET
- TEST HOLE LOCATION
- DENOTES EPOXY COATED REINF.
- PIEZICONE PROBE

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

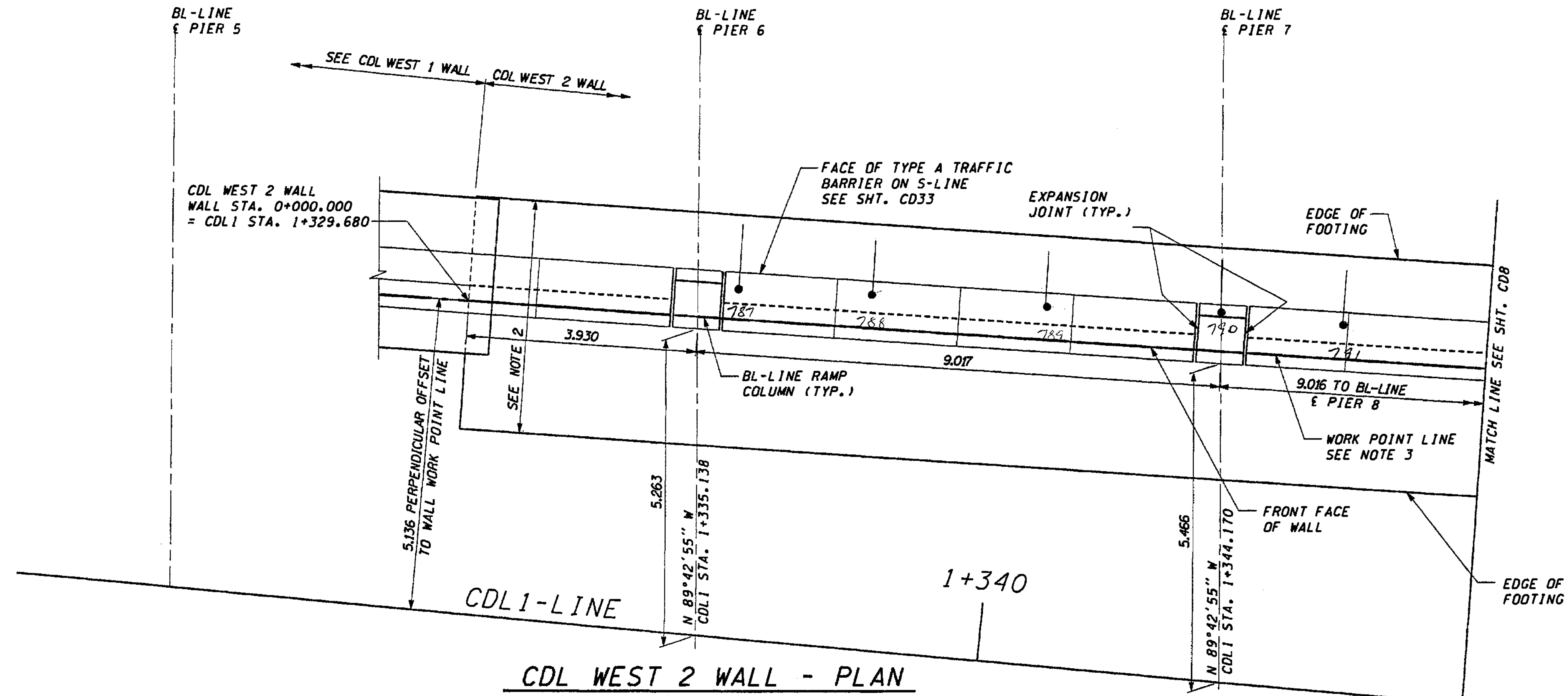
ENGINEERING CONSULTING ENGINEERS

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
GENERAL NOTES

SHEET NO  
CD6

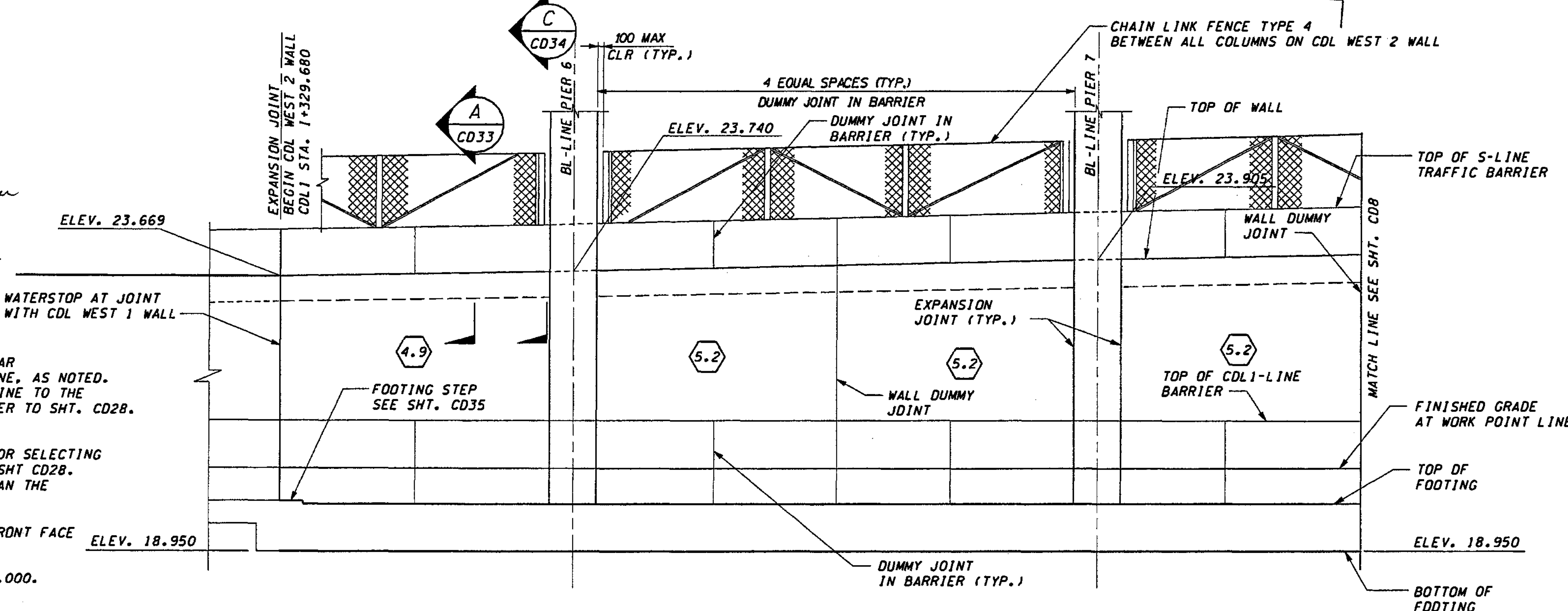
460  
1152  
SHEETS



• Metal disk atop traffic barrier which indicates location of H-Dike and Strand for temp. shoring left in place.

**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL. ELEV. 18.950
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



Bob Page 1/13/05  
**FOR "AS CONSTRUCTED PLANS" ONLY**

**CDL WEST 2 WALL - DEVELOPED ELEVATION**

DESIGNED BY G. NUTSON	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	1405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST. 	SHEET NO.	CD7
ENTERED BY H. TRAN	12/02	JOB NUMBER	02A012			SHEET	461					
CHECKED BY J. HAYASEN	12/02	CONTRACT NO.				SHEETS	1152					
PROJ. ENGR. D. CIERI	12/02					RETAINING WALL CDL WEST 2						
REGIONAL ADM. D. DYE	12/02					PLAN AND ELEVATION						
DATE	DATE	REVISION	BY									



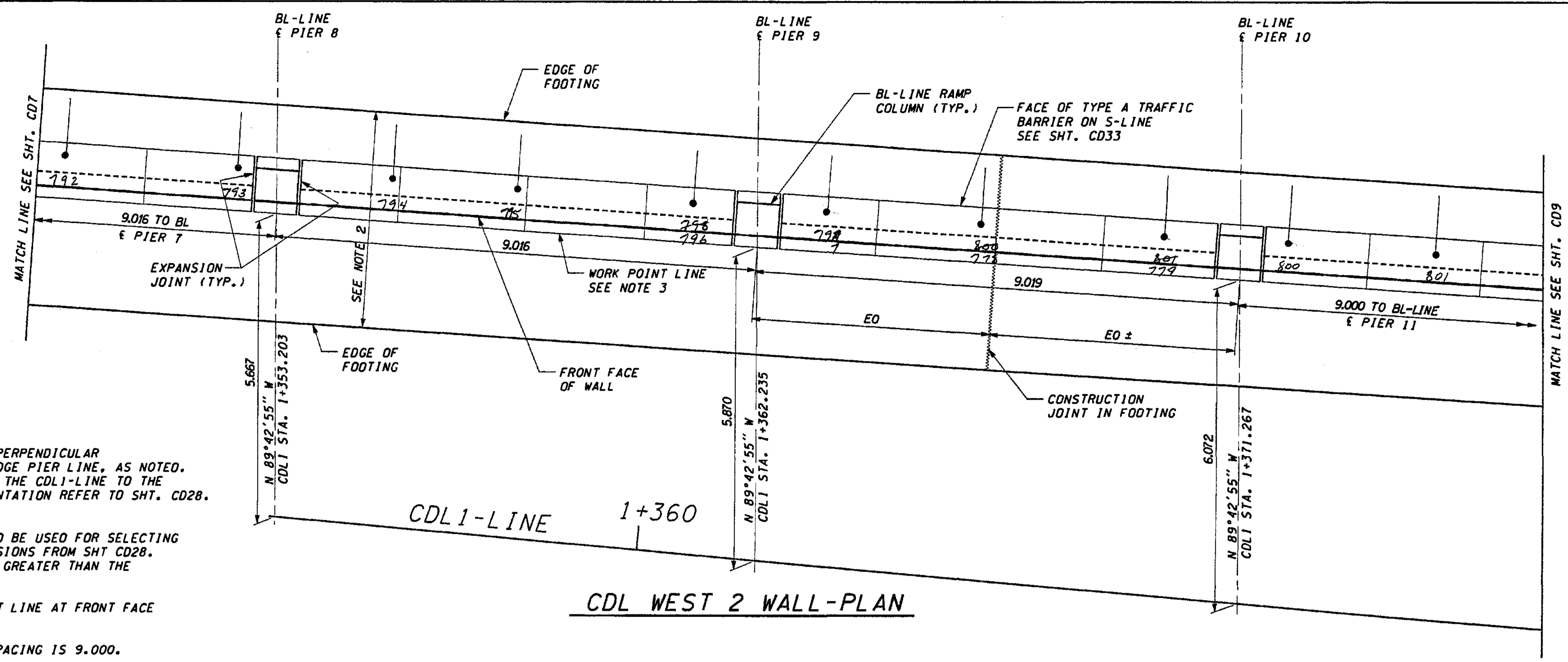
c:\p\temp\dms00355\cd008\_c2.dgn

PL014

01:24:48 PM

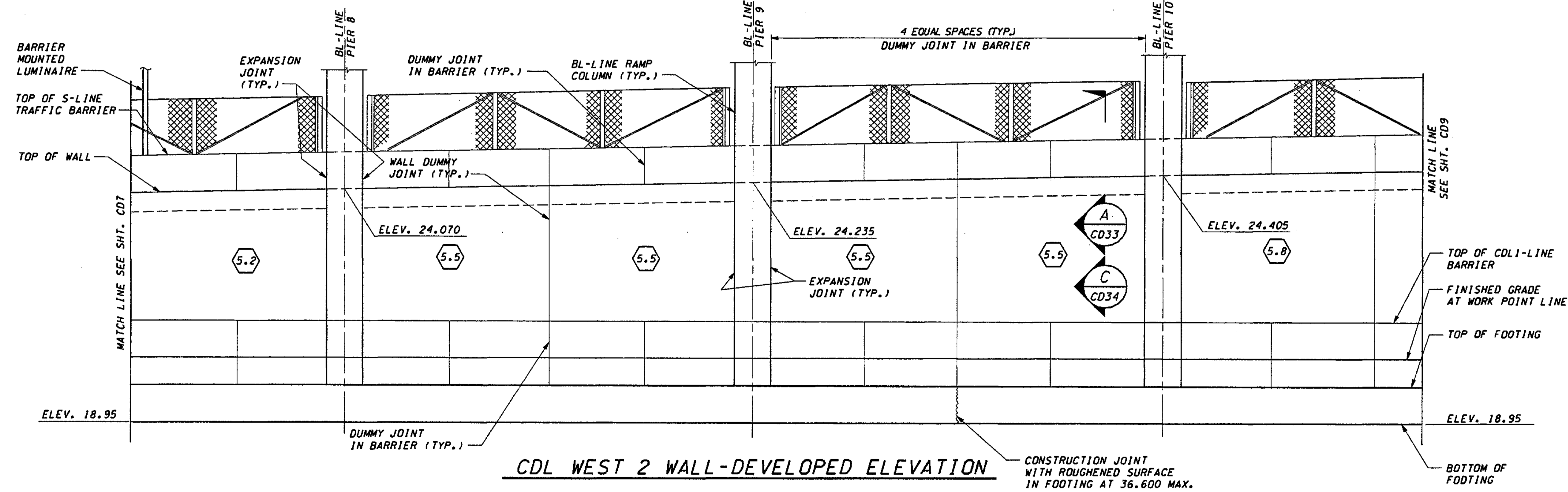
11/20/2002

djemt



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY G. NUTSON	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.	
ENTERED BY H. TRAN	12/02	JOB NUMBER	02A012	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER			
CHECKED BY I. HASAYEN	12/02	CONTRACT NO.		Washington State Department of Transportation			
PROJ. ENGR. D. CIERI	12/02						
REGIONAL ADM. D. DYE	12/02						
DATE	DATE	REVISION	BY	I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.			
				RETAINING WALL CDL WEST 2 PLAN AND ELEVATION			
							SHEET NO. CD8
							SHEETS 462/1152

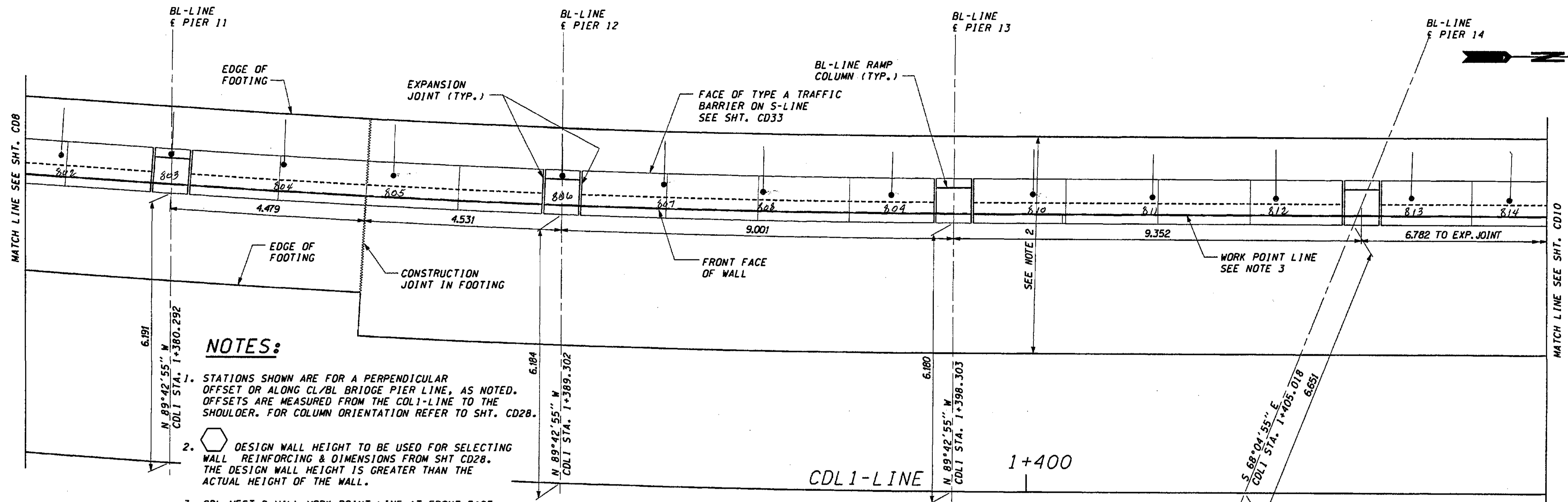
c:\pwttemp\dms00355\cd009\_c2.dgn

PLOT14

01:24:51 PM

11/20/2002

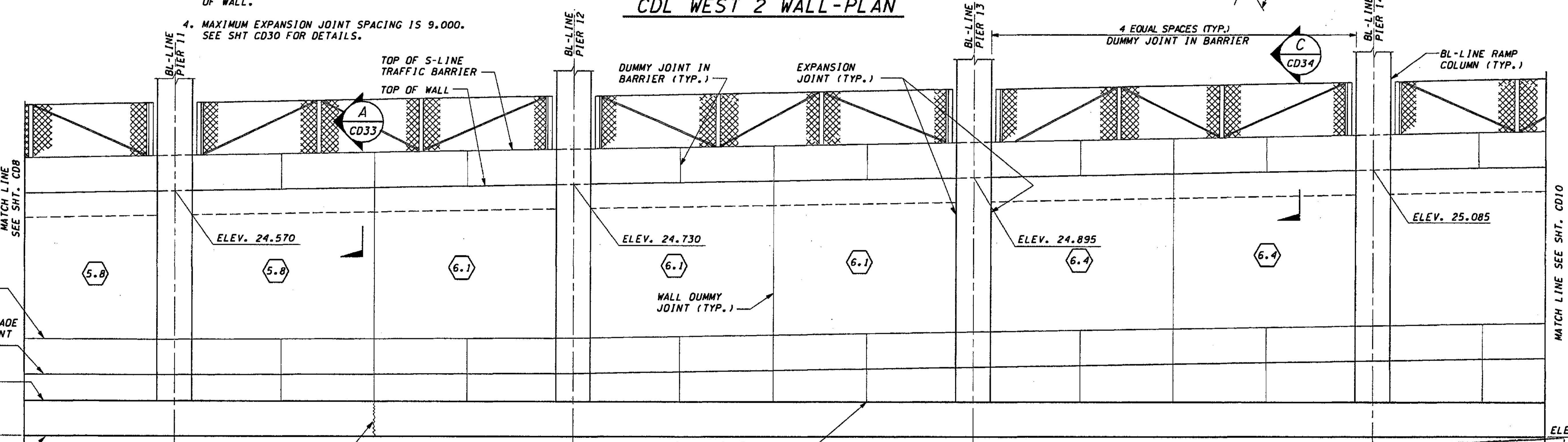
diemt



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.

**CDL WEST 2 WALL-PLAN**



**CDL WEST 2 WALL-DEVELOPED ELEVATION**

**FOR "AS CONSTRUCTED PLANS" ONLY**

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/2/02

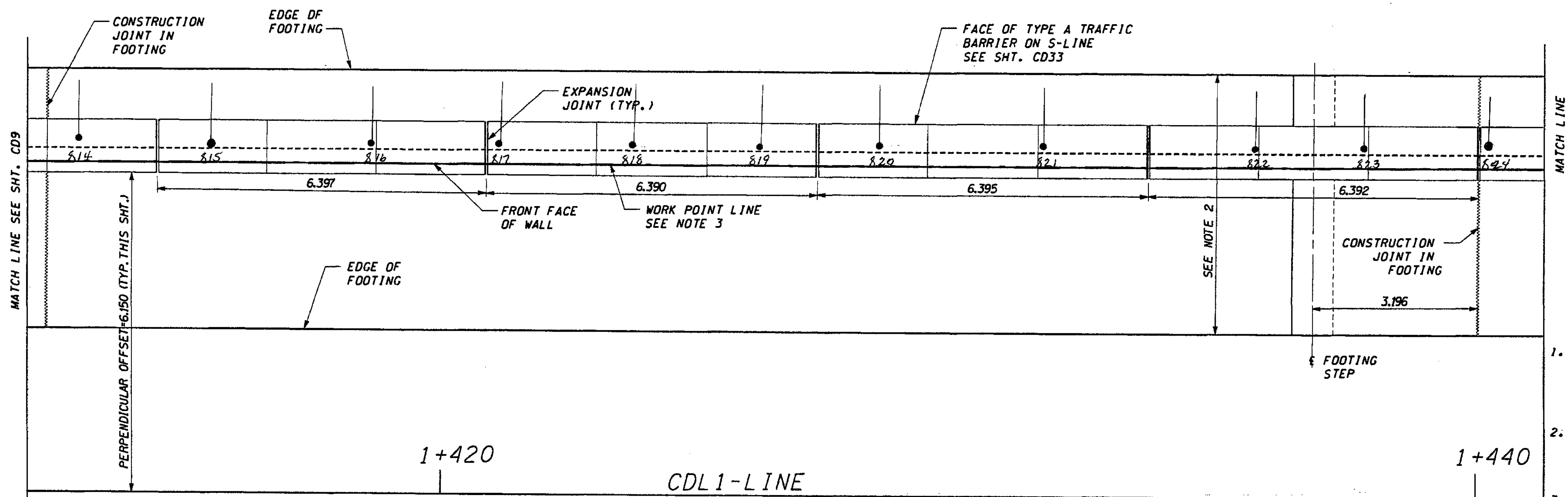
Washington State Department of Transportation

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2  
 PLAN AND ELEVATION

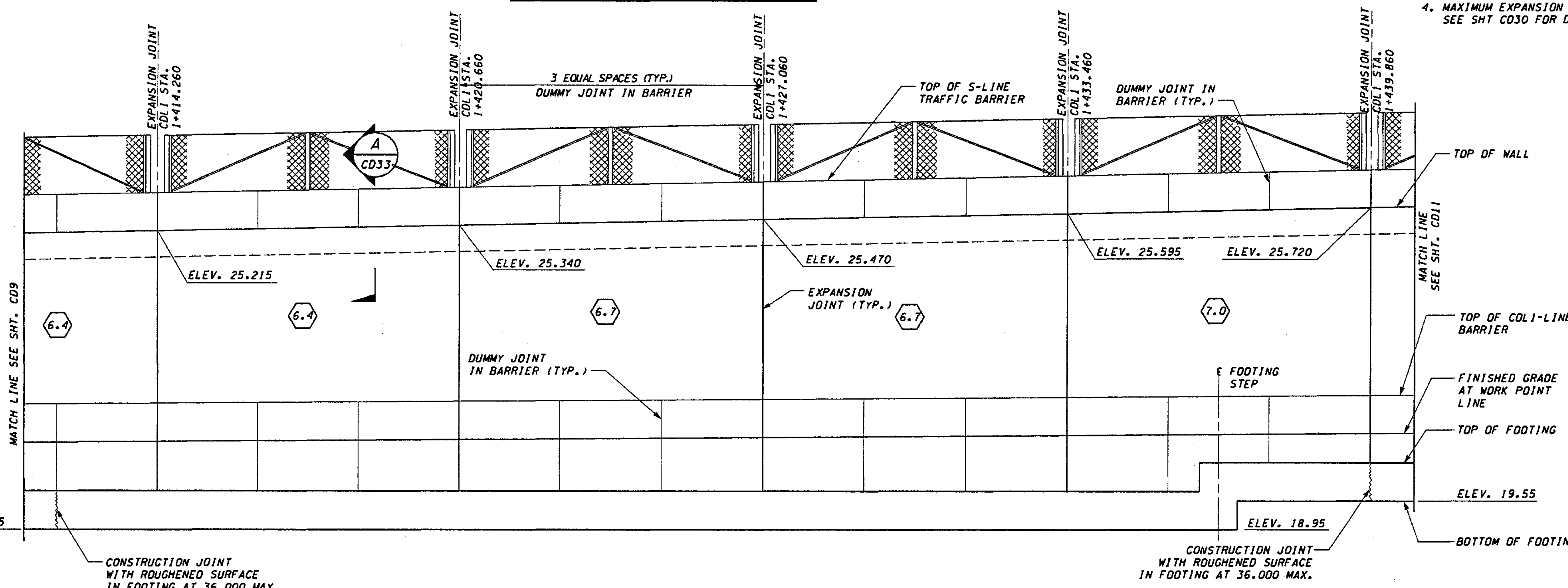
SHEET NO.	CD9
SHEETS	463
TOTAL SHEETS	152





- NOTES:**
1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
  2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
  3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
  4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.

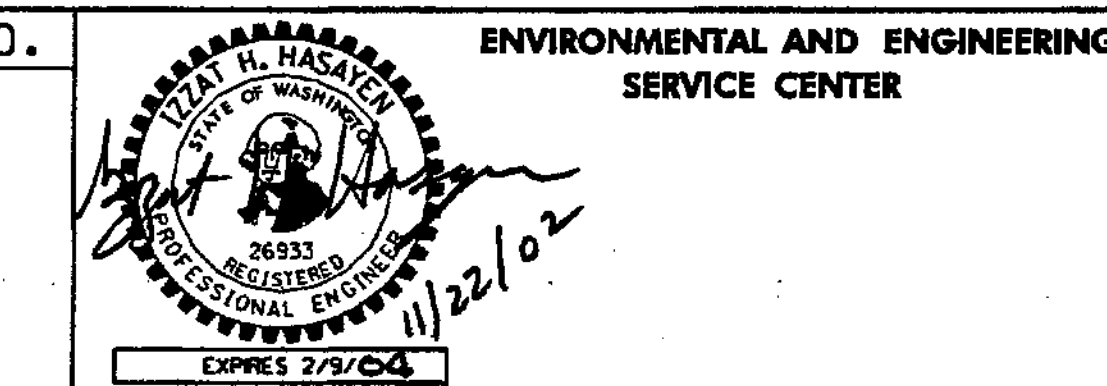
**CDL WEST 2 WALL-PLAN**



**FOR "AS CONSTRUCTED" PLANS" ONLY**

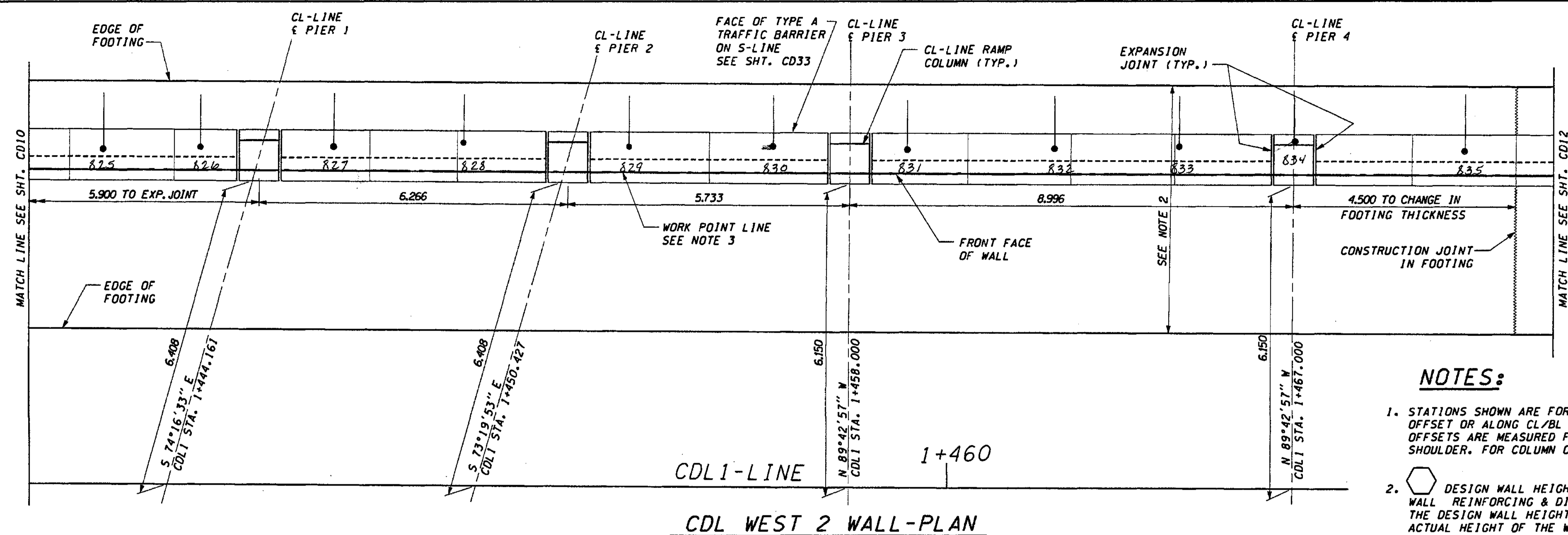
**CDL WEST 2 WALL-DEVELOPED ELEVATION**

DESIGNED BY G. NUTSON	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.	
ENTERED BY H. TRAN	12/02	JOB NUMBER	02A012	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER			
CHECKED BY I. HASAYEN	12/02	CONTRACT NO.		Washington State Department of Transportation			
PROJ. ENGR. D. CIERI	12/02	RETAINING WALL CDL WEST 2 PLAN AND ELEVATION					
REGIONAL ADM. D. DYE	12/02	DATE	DATE	REVISION	BY	SHEET NO. CD10	



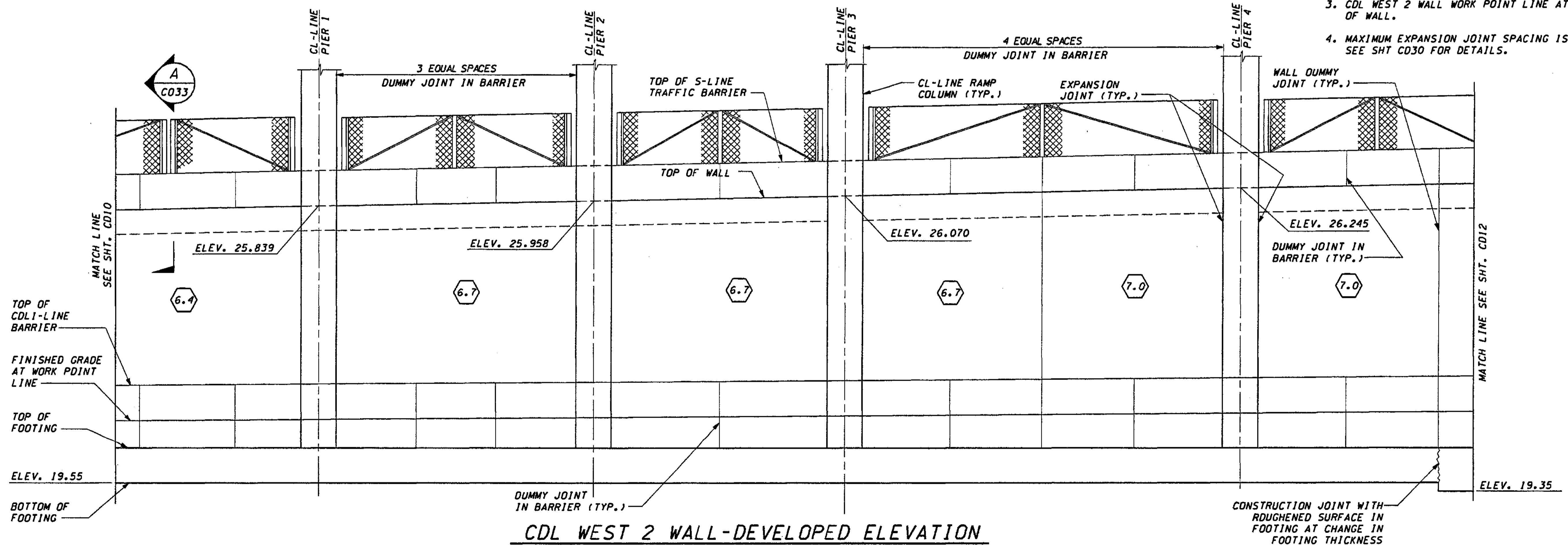
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.  
SHEET NO. 404 OF 1152 SHEETS

c:\pwt\temp\dms00355\cd011\_c2.dgn  
 PLOT4  
 01:24:58 PM  
 11/20/2002  
 diemt



CDL WEST 2 WALL-PLAN

- NOTES:**
1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
  2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
  3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
  4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



CDL WEST 2 WALL-DEVELOPED ELEVATION

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY G. NUTSON	12/02	REGION NO.	10	STATE	WASH	FED. AID PROJ. NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  Washington State Department of Transportation  HDR ENGINEERING INC. Consulting Engineers	1 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST. RETAINING WALL CDL WEST 2 PLAN AND ELEVATION	SHEET NO.	CD11
ENTERED BY H. TRAN	12/02	JOB NUMBER	02A012								SHEET OF SHEETS	405 OF 1152
CHECKED BY I. HASAYEN	12/02	CONTRACT NO.										
PROJ. ENGR. D. CIERI	12/02											
REGIONAL ADM. D. DYE	12/02											
DATE	DATE	REVISION	BY									



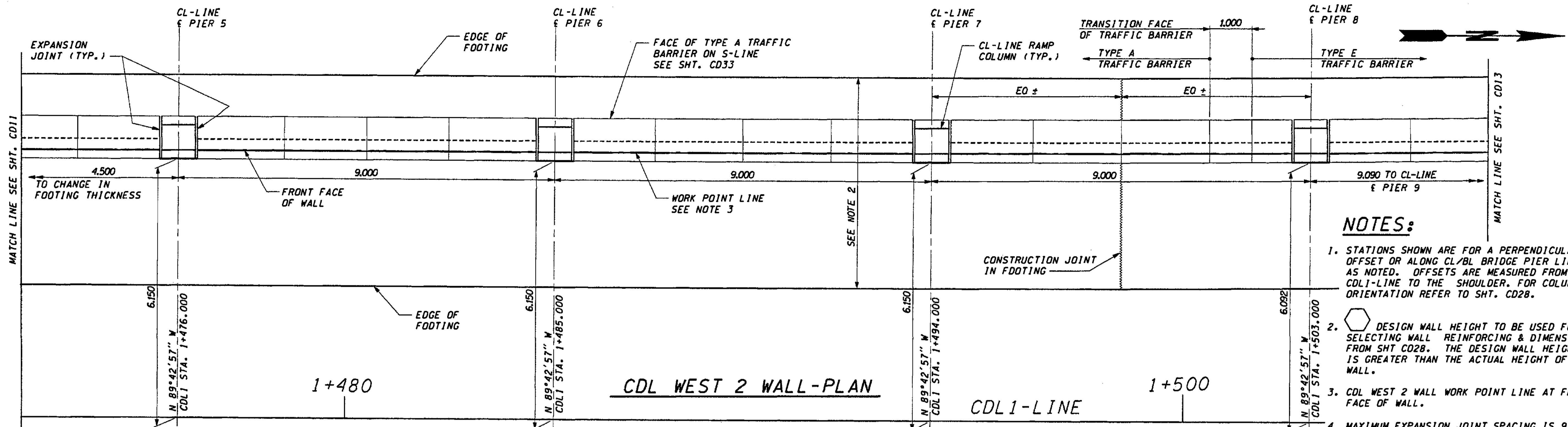
c:\pwt\temp\dms00355\cd012\_c2.dgn

PLOT4

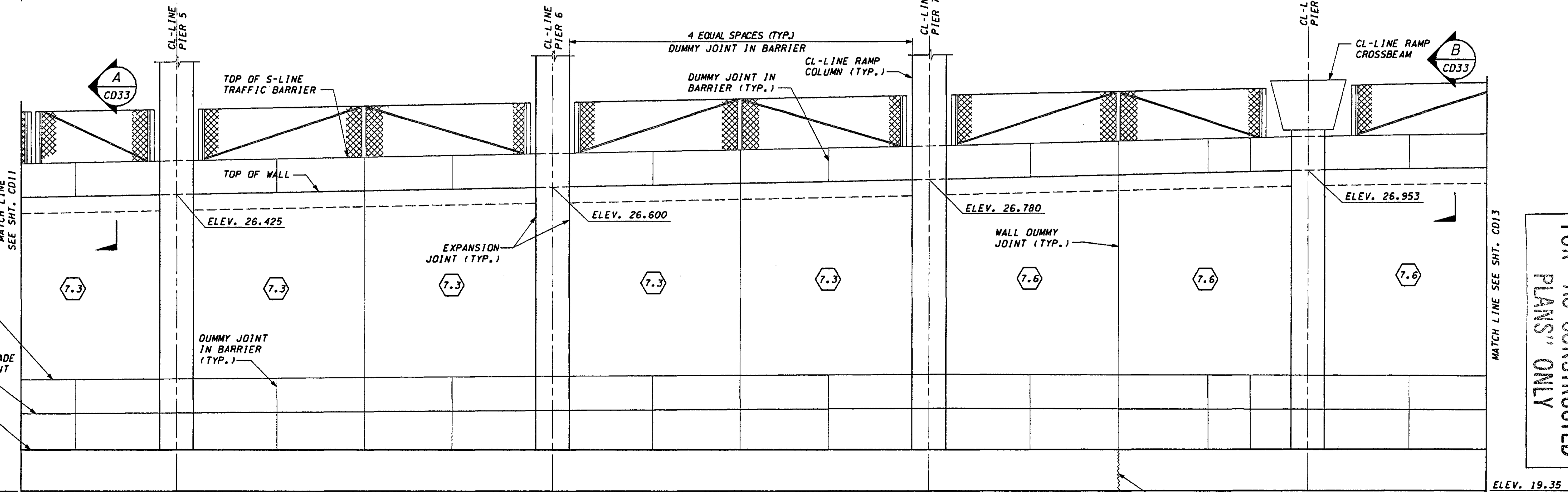
01:25:02 PM

11/20/2002

diemt



- NOTES:**
1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
  2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
  3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
  4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



CDL WEST 2 WALL-DEVELOPED ELEVATION

CONSTRUCTION JOINT WITH ROUGHENED SURFACE IN FOOTING AT 36.000 MAX.

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	DATE	REVISION	BY
G. NUTSON	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

**Washington State Department of Transportation**

**HDR** ENGINEERING INC. **kpff** Consulting Engineers

Professional Engineer Seal: IZAY H. HASAYEN, 76933, REGISTERED PROFESSIONAL ENGINEER, 11/22/02, EXPIRES 2/9/04

Washington State Department of Transportation

**HDR** ENGINEERING INC. **kpff** Consulting Engineers

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST./NE 6th ST.  
 RETAINING WALL CDL WEST 2  
 PLAN AND ELEVATION

SHEET NO  
 CD12  
 SHEET 466 OF 1152 SHEETS

c:\pwrtemp\dms00355\cd013.c2.dgn

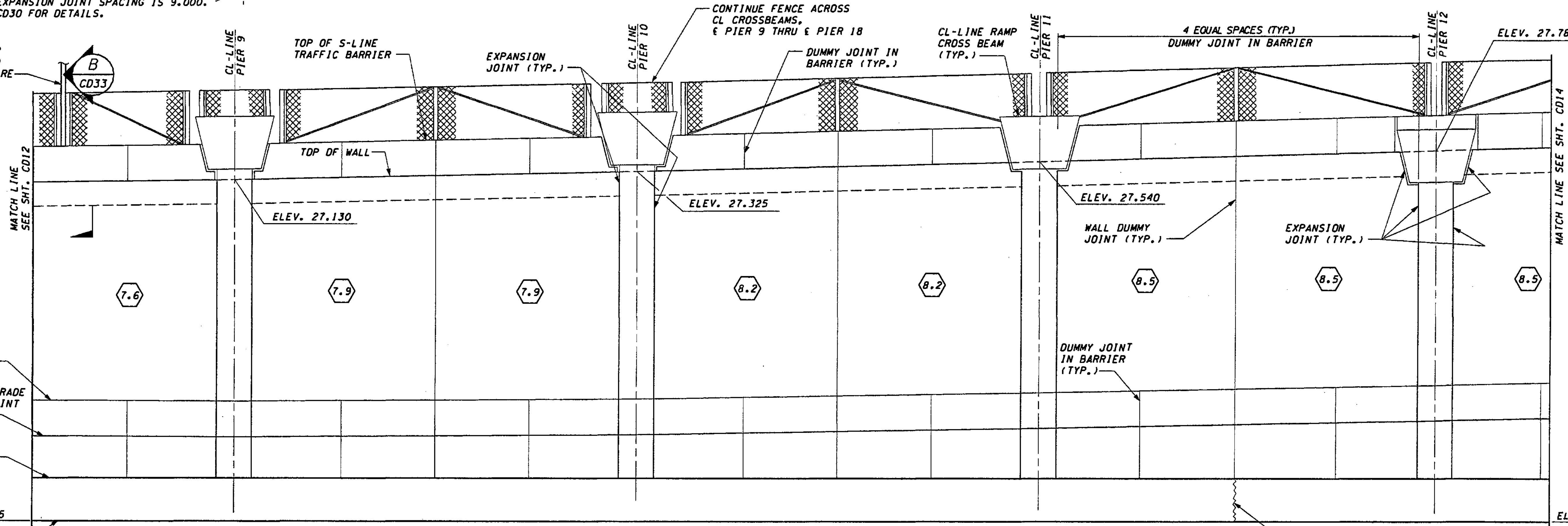
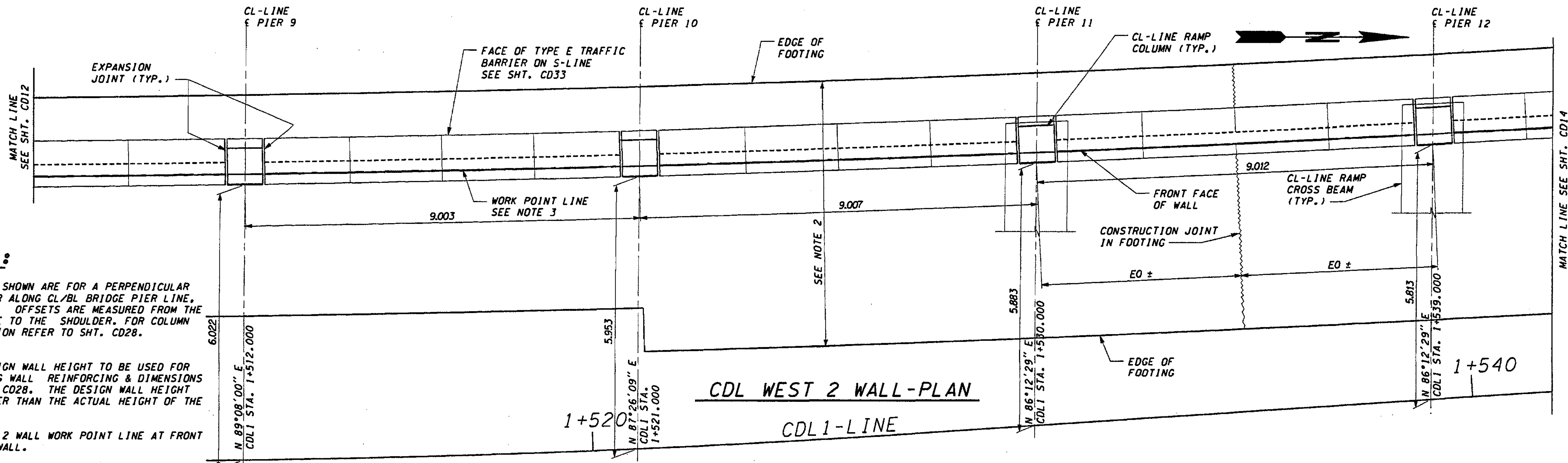
11/20/2002

01:25:05 PM

d:\ent

### NOTES:

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE. AS NOTED, OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



FOR 'AS CONSTRUCTED PLANS' ONLY

### CDL WEST 2 WALL-DEVELOPED ELEVATION

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

1 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2 PLAN AND ELEVATION

SHEET NO. CD13

SHEET 467 OF 1152 SHEETS



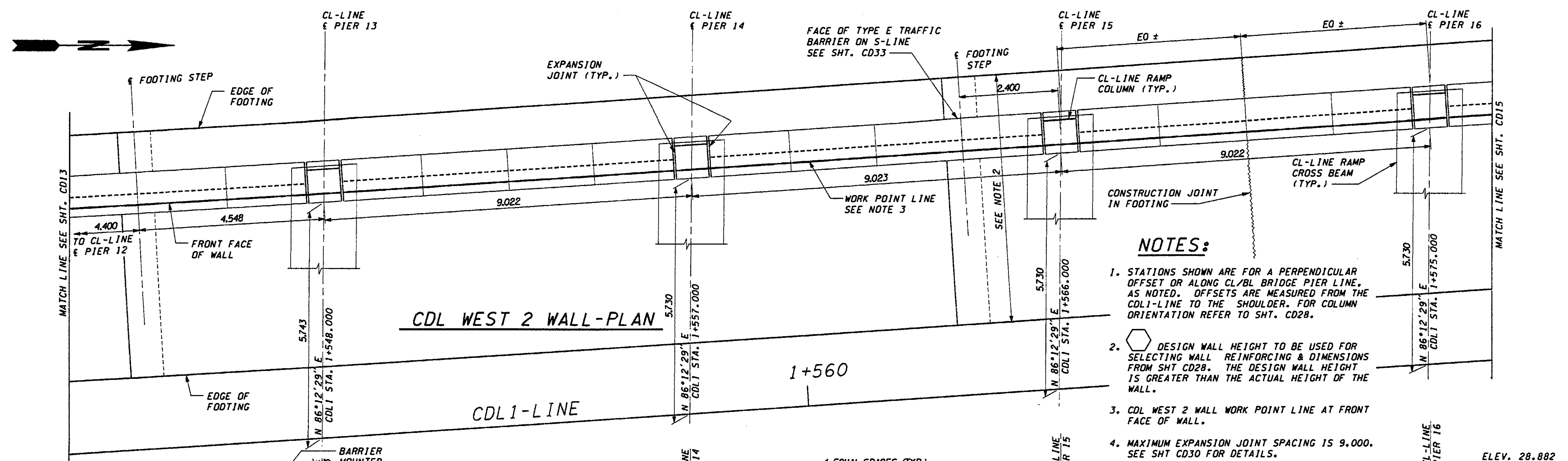
d:\pwt\temp\dms00355\CD014\_C2.dgn

PLOT4

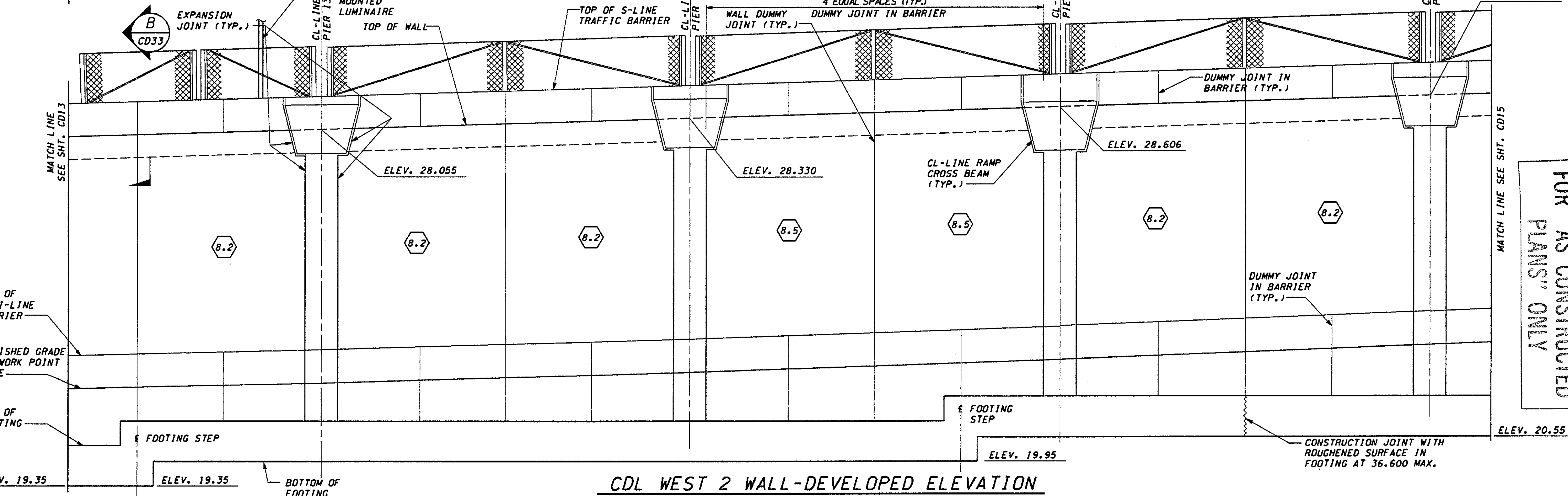
01:09:37 PM

11/21/2002

Taun1eA



- NOTES:**
1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG CL/BL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD28.
  2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
  3. CDL WEST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
  4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT CD30 FOR DETAILS.



FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	DATE	REVISION	BY
G. NUTSON	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL WEST 2 PLAN AND ELEVATION

SHEET NO. CD14

468 OF 1152 SHEETS





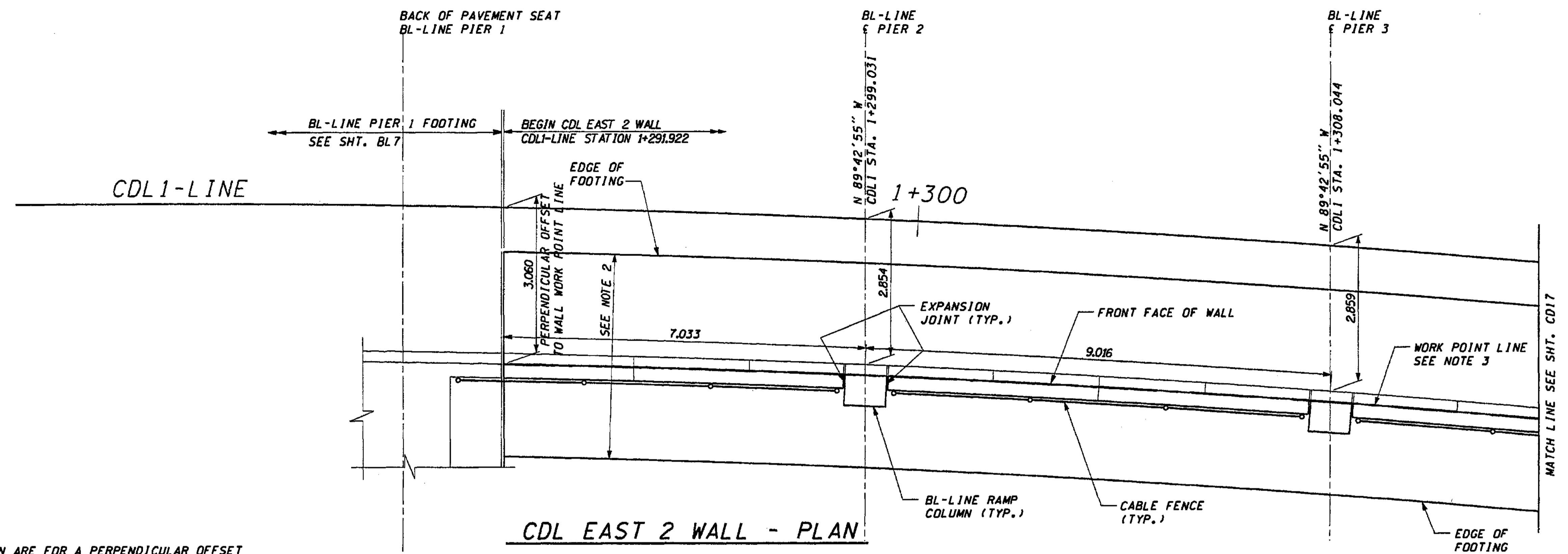
d:\pwttemp\dms00355\CD016\_C2.dgn

PL014

01:21:15 PM


11/22/2002

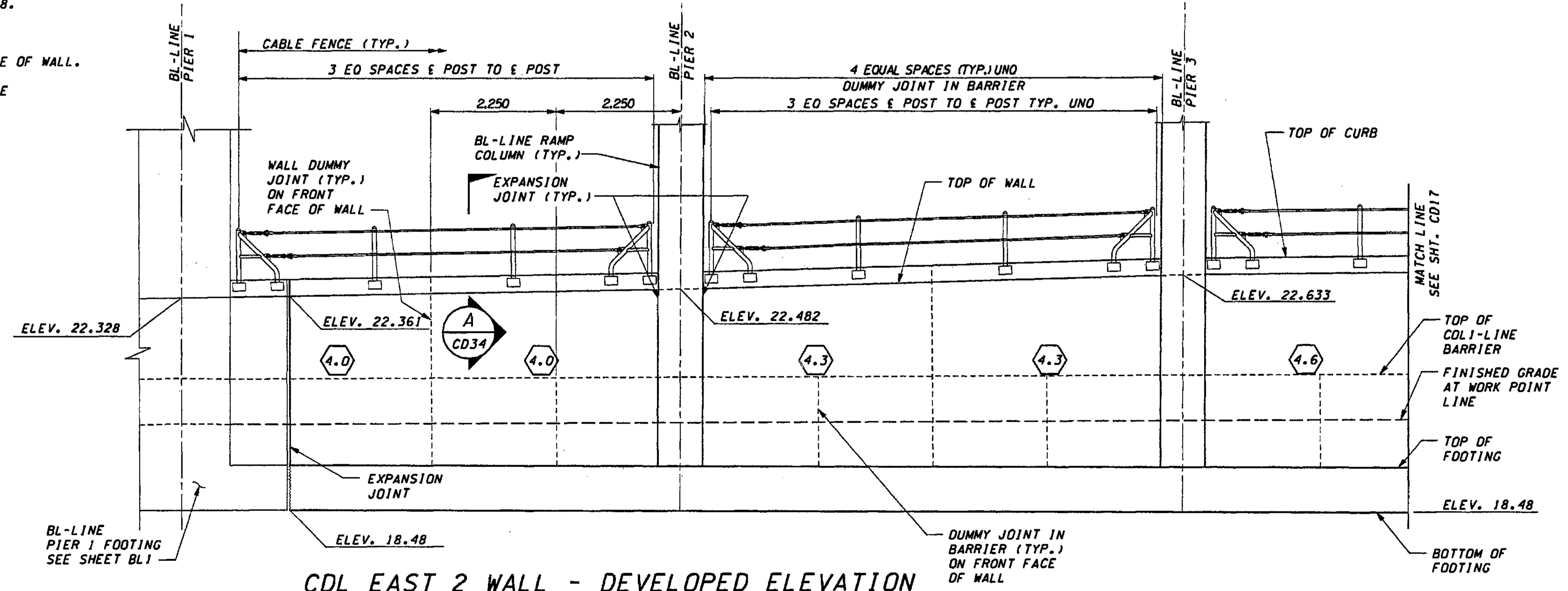
Touiea



CDL EAST 2 WALL - PLAN

**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD38.
2.  DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL
3. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.



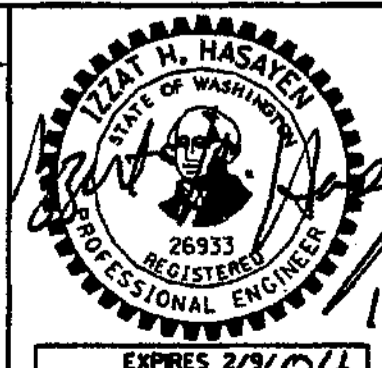
CDL EAST 2 WALL - DEVELOPED ELEVATION

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HAYASEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY


REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



11/22/02

Washington State Department of Transportation



I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.  
RETAINING WALL CDL EAST 2  
PLAN AND ELEVATION

SHEET NO  
CD16  
SHEET  
470  
1152  
SHEETS

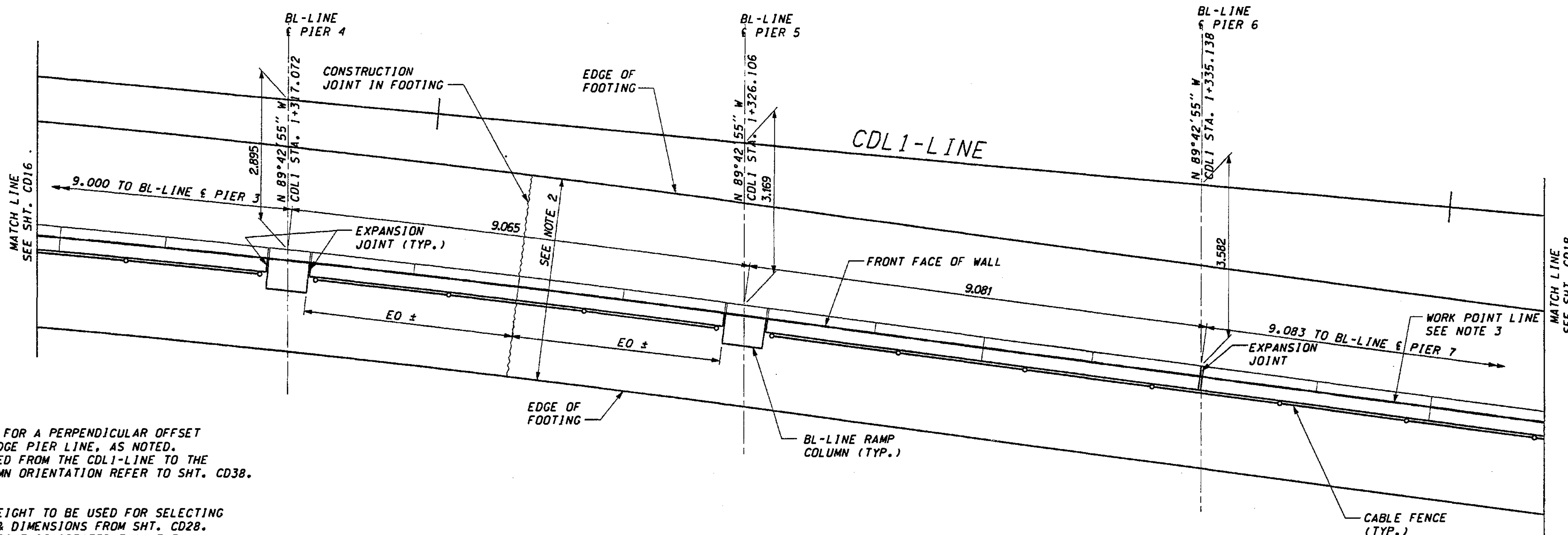
c:\p\temp\dms00355\cd017\_c2.dgn

PLOT4

01:25:17 PM

11/20/2002

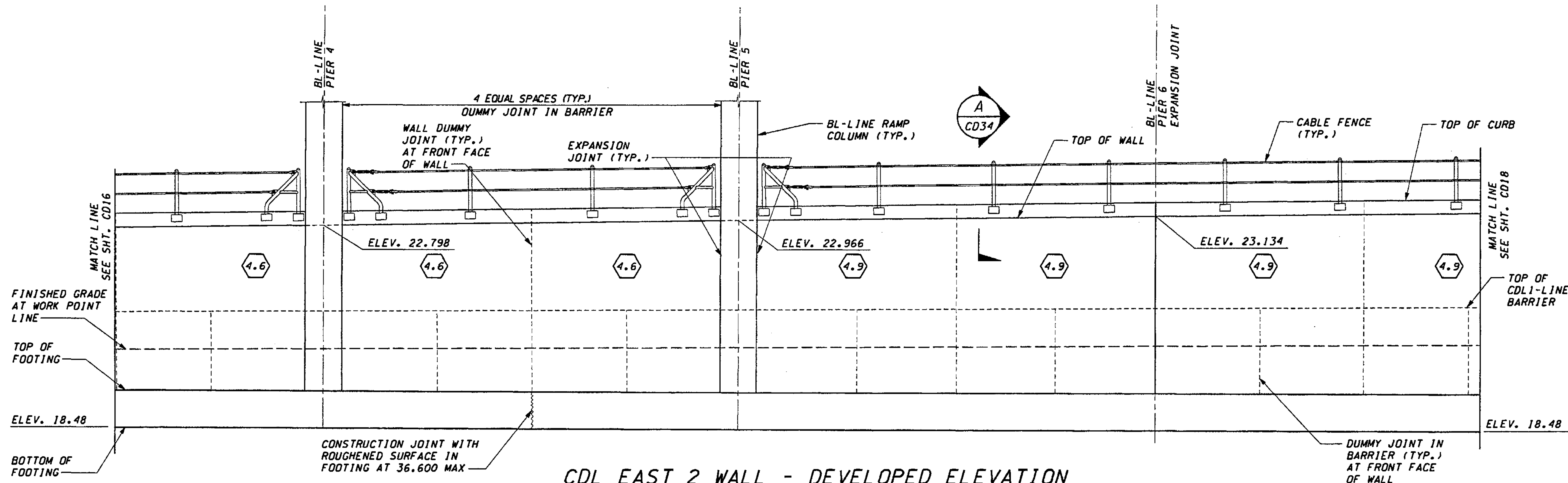
diemt



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD38.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL
3. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.

**CDL EAST 2 WALL - PLAN**



**CDL EAST 2 WALL - DEVELOPED ELEVATION**

FOR "AS CONSTRUCTED  
PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HAYASEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

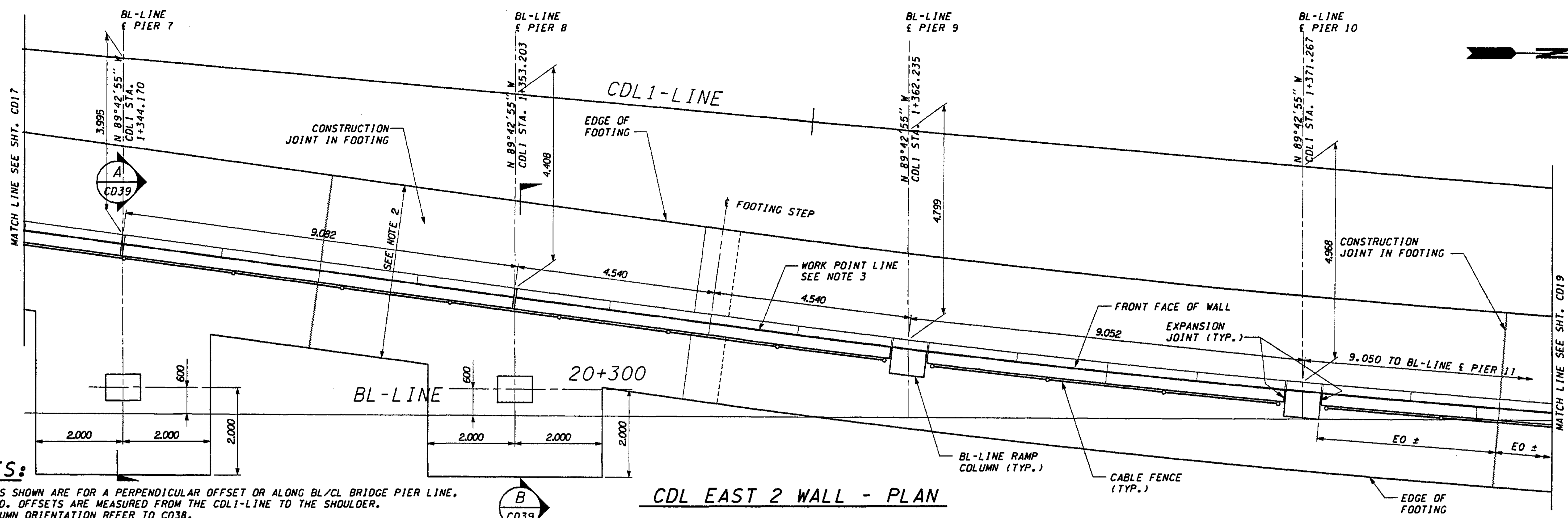
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2  
PLAN AND ELEVATION

SHEET NO.	CD17
SHEET NO.	471
SHEETS	1152



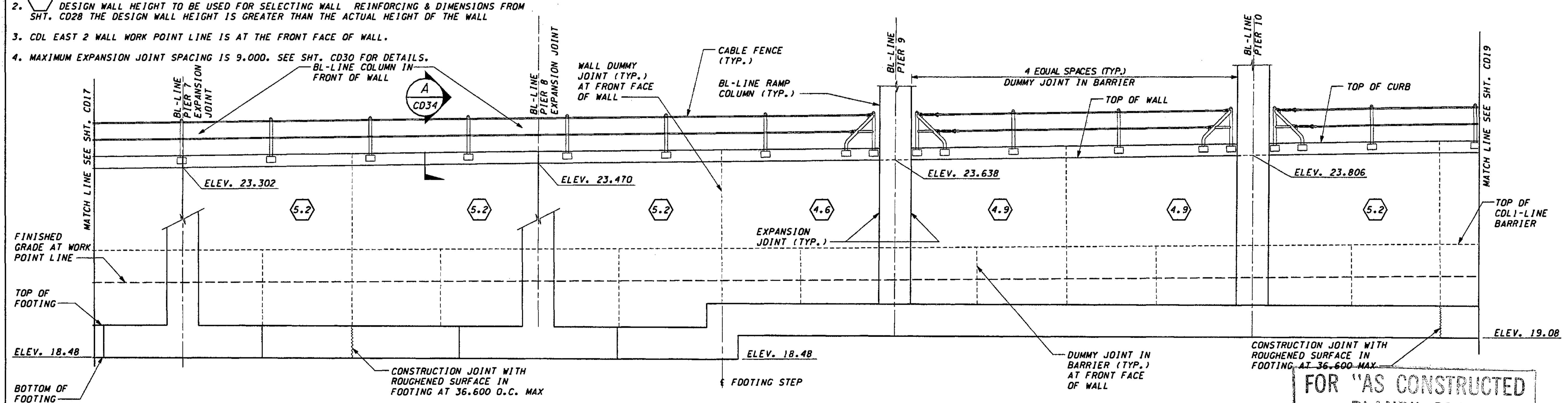
c:\pwttemp\dms00355\cd018\_c2.dgn  
 PLOT4  
 01:25:21 PM  
 11/20/2002  
 dtemt



**NOTES:**

- STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO C038.
- DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28 THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL
- CDL EAST 2 WALL WORK POINT LINE IS AT THE FRONT FACE OF WALL.
- MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS. BL-LINE COLUMN IN FRONT OF WALL

**CDL EAST 2 WALL - PLAN**



**CDL EAST 2 WALL - DEVELOPED ELEVATION**

**FOR "AS CONSTRUCTED PLANS" ONLY**

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	O2A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

I 405  
 BELLEVUE DIRECT ACCESS  
 NE 4th ST./NE 6th ST.  
 RETAINING WALL CDL EAST 2  
 PLAN AND ELEVATION

SHEET NO  
**CD18**  
 SHEET NO  
**472**  
 SHEETS  
**1152**

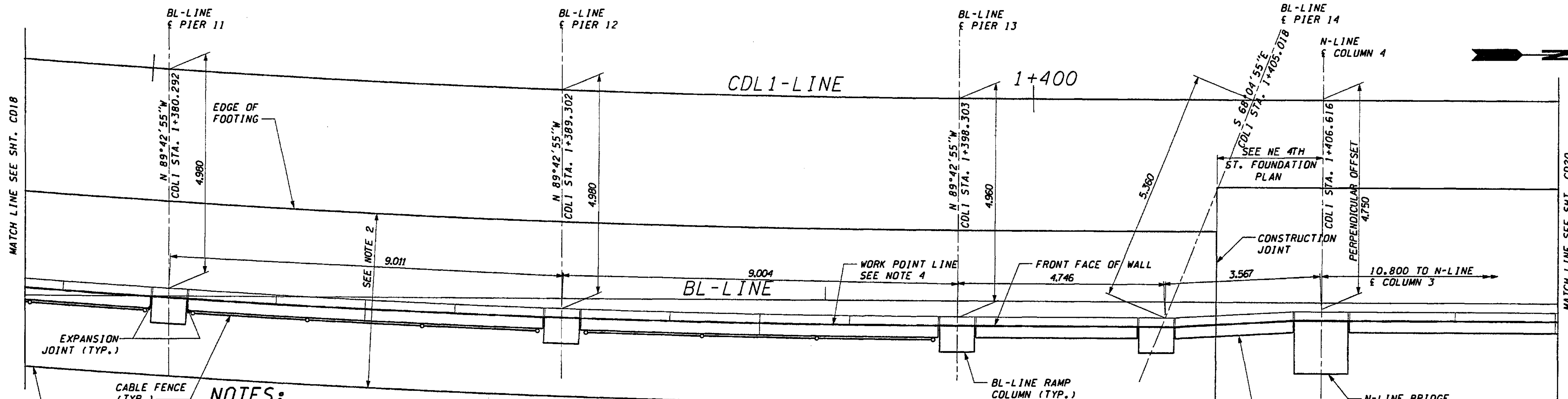
c:\pwt\temp\dms00355\cd019\_c2.dgn

PLOT4

01:25:25 PM

11/20/2002

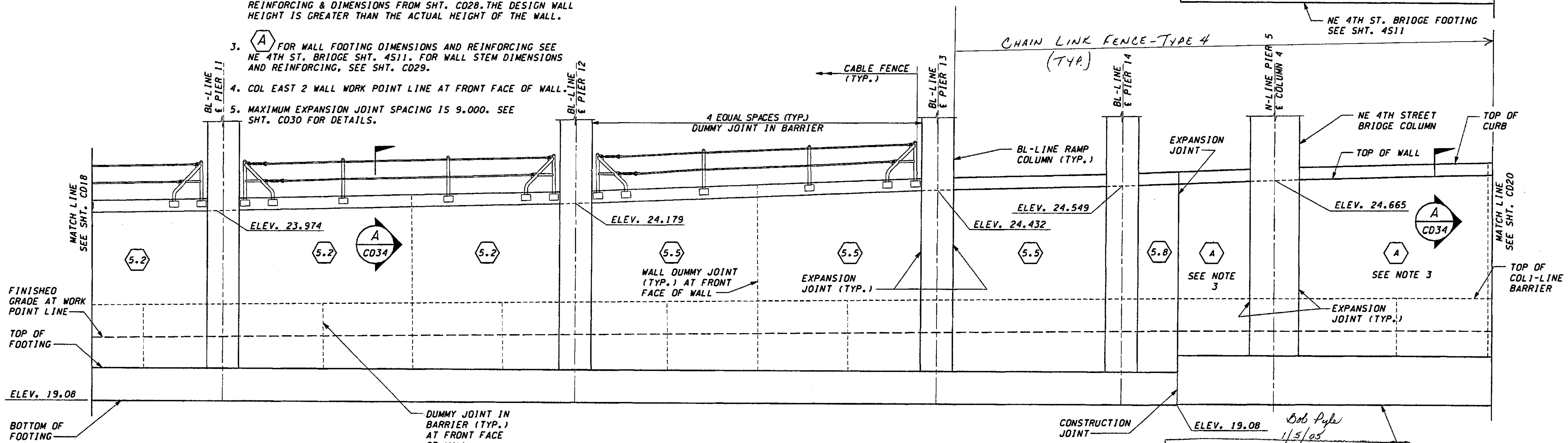
dient



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. C038.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. C028. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. FOR WALL FOOTING DIMENSIONS AND REINFORCING SEE NE 4TH ST. BRIDGE SHT. 4511. FOR WALL STEM DIMENSIONS AND REINFORCING, SEE SHT. C029.
4. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
5. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. C030 FOR DETAILS.

**CDL EAST 2 WALL - PLAN**



**CDL EAST 2 WALL - DEVELOPED ELEVATION**

**FOR "AS CONSTRUCTED PLANS" ONLY**

FOR FOOTING DETAILS SEE SHT. 4510, 4511 & 4513

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	O2A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

1 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2 PLAN AND ELEVATION

SHEET NO. CD19

SHEET 473 OF 1152 SHEETS



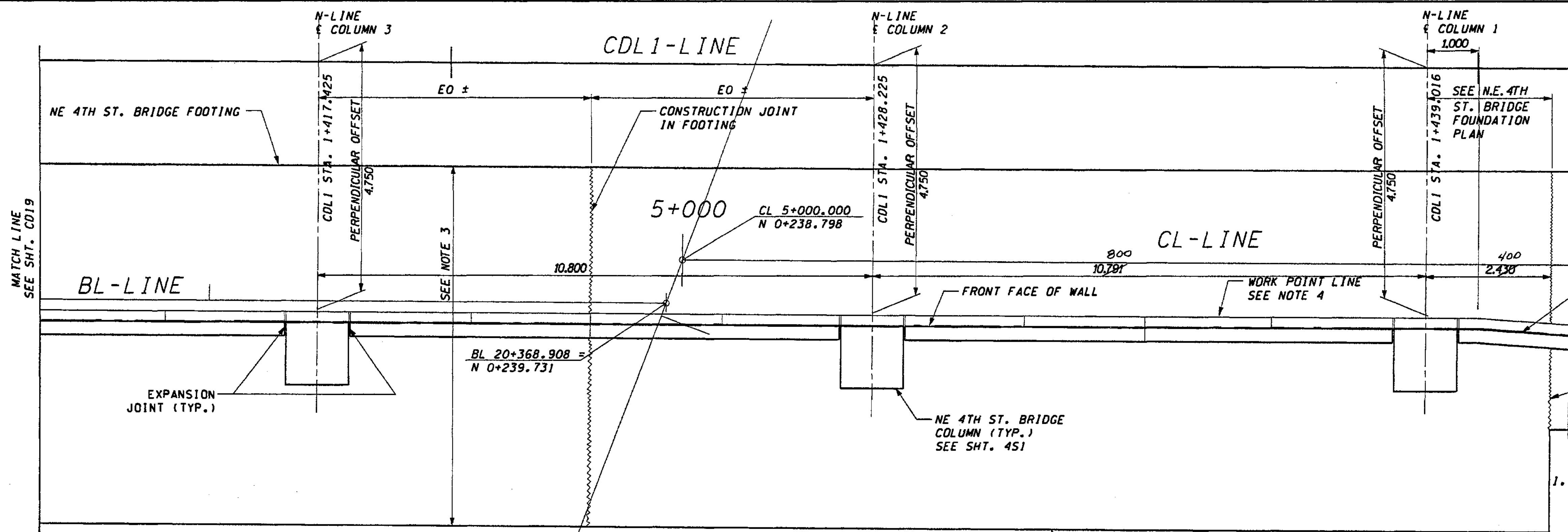
c:\pwt\temp\dms00355\c\d020\_c2.dgn

PLOT4

01:25:29 PM

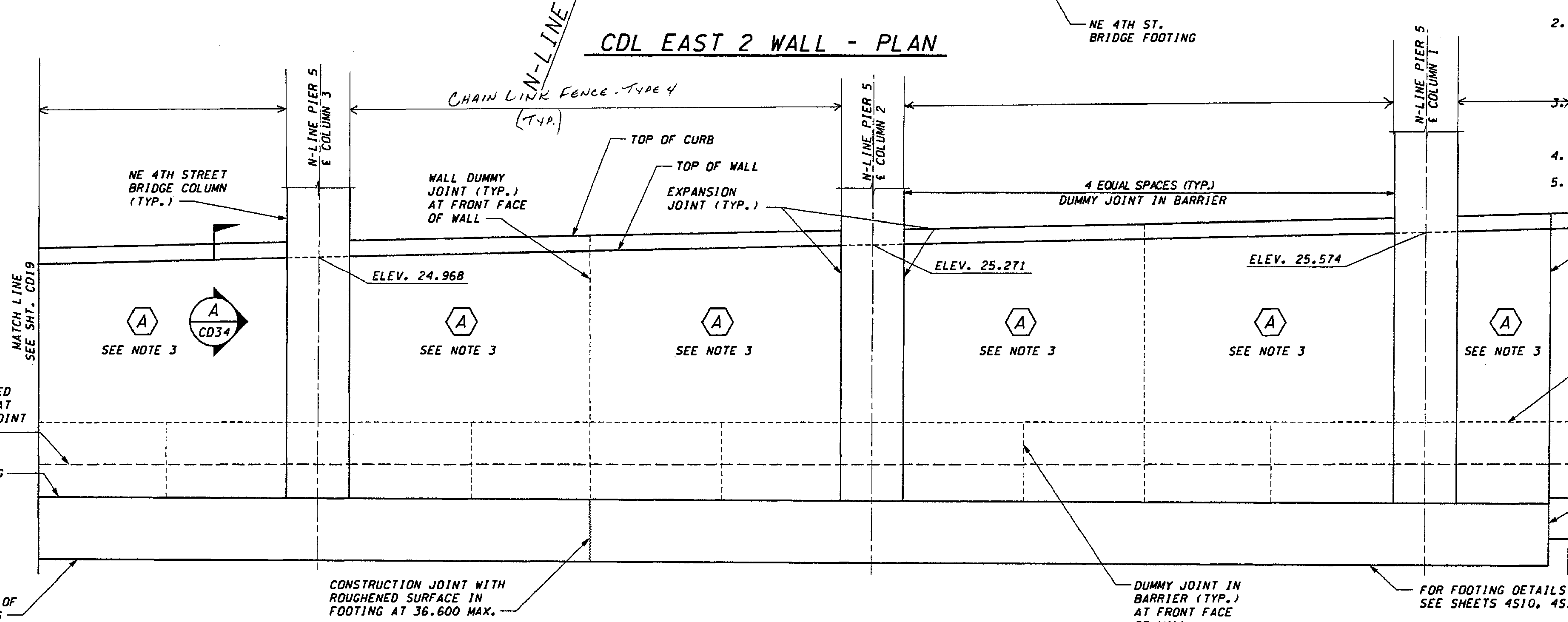
11/20/2002

ditem



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO CD38.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. FOR WALL FOOTING DIMENSIONS AND REINFORCING SEE NE 4TH ST. BRIDGE SHT. 4511. FOR WALL STEM DIMENSIONS AND REINFORCING, SEE SHT. CD29.
4. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
5. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.



**CDL EAST 2 WALL - DEVELOPED ELEVATION**

FOR "AS CONSTRUCTED" PLANS ONLY  
Bob Pyle  
1/5/05

DESIGNED BY	G. NUTSON	12/02
ENTERED BY	H. TRAN	12/02
CHECKED BY	I. HASAYEN	12/02
PROJ. ENGR.	D. CIERI	12/02
REGIONAL ADM.	D. DYE	12/02
DATE	DATE	REVISION

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2  
PLAN AND ELEVATION

SHEET NO. CD20  
SHEET 474 OF 472 SHEETS

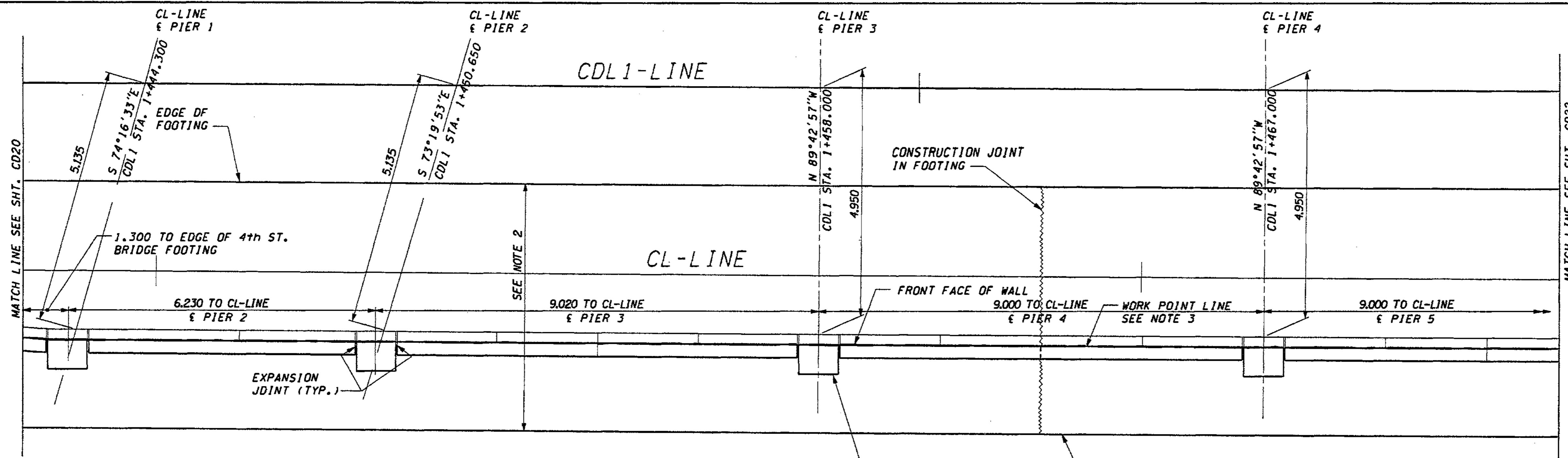
c:\pwt\temp\dms00355\cd021\_c2.dgn

PL014

01:25:32 PM

11/20/2002

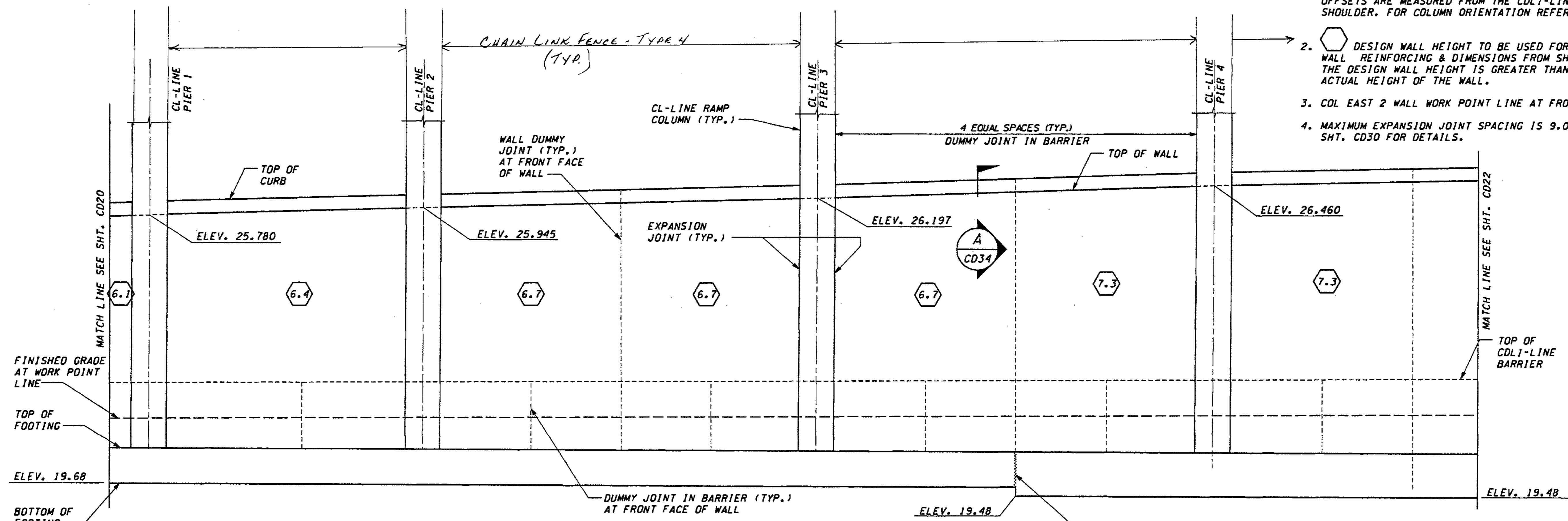
dient



### CDL EAST 2 WALL - PLAN

#### NOTES:

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD38.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. COL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.



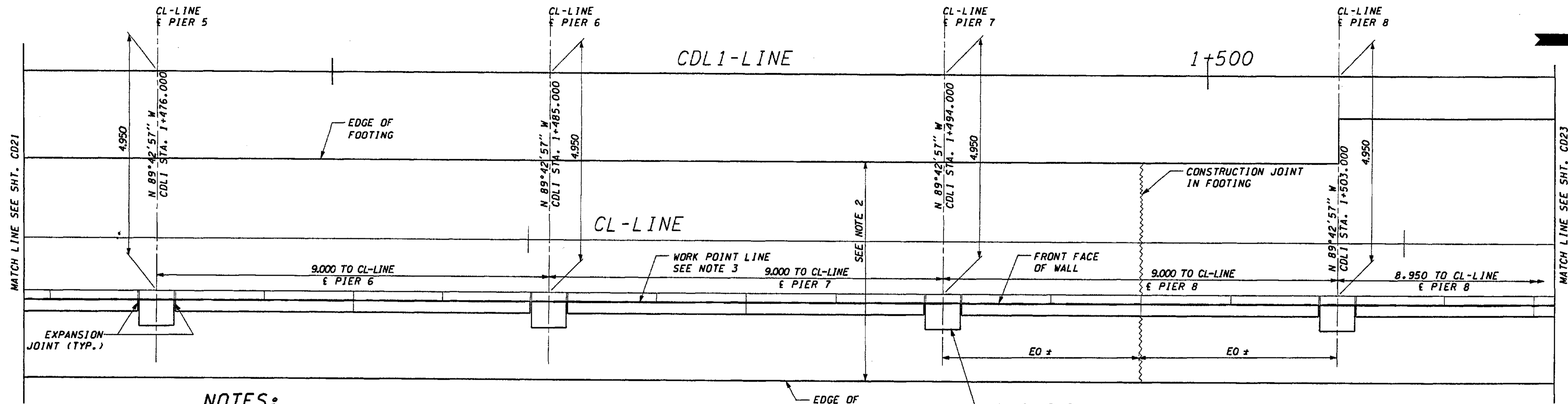
### CDL EAST 2 WALL - DEVELOPED ELEVATION

Bob Pyle  
11/5/05

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY G. NUTSON	12/02			REGION NO.	STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST. RETAINING WALL CDL EAST 2 PLAN AND ELEVATION	SHEET NO.
ENTERED BY H. TRAN	12/02			10	WASH	JOB NUMBER				CD21
CHECKED BY I. HASAYEN	12/02					CONTRACT NO.				475
PROJ. ENGR. D. CIERI	12/02									152
REGIONAL ADM. D. DYE	12/02									SHEETS
DATE	DATE	REVISION	BY							





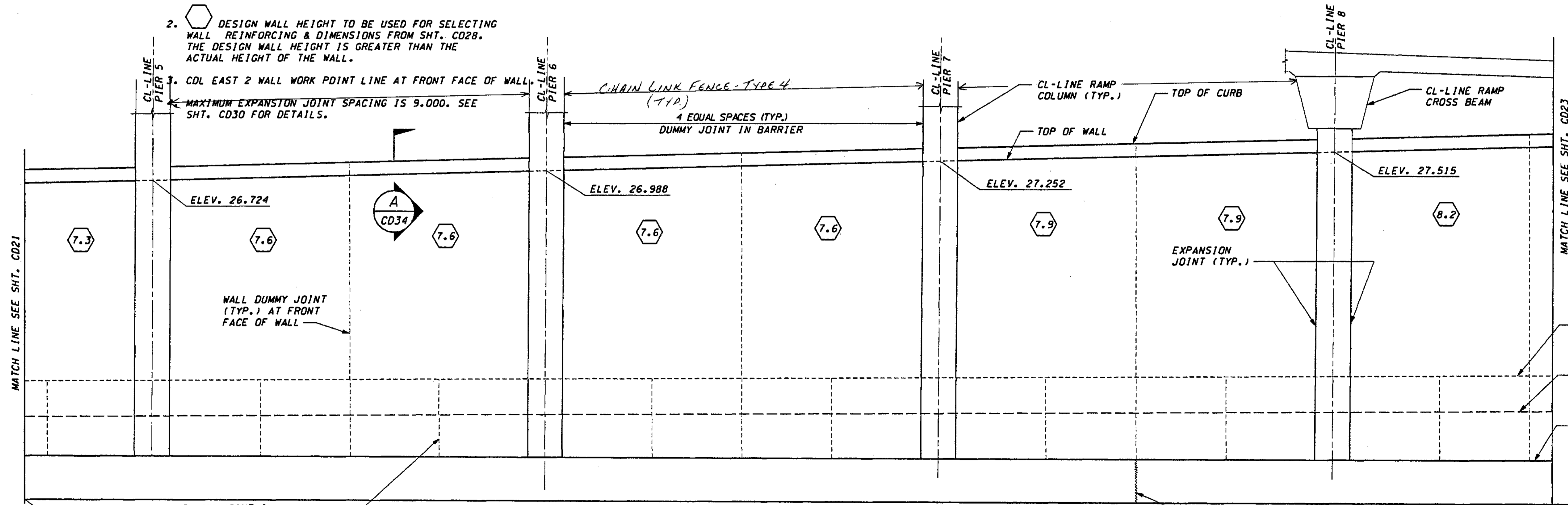
**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD38.

2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.

3. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.

**CDL EAST 2 WALL - PLAN**



**CDL EAST 2 WALL - DEVELOPED ELEVATION**

Bob Pyle  
1/5/05

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

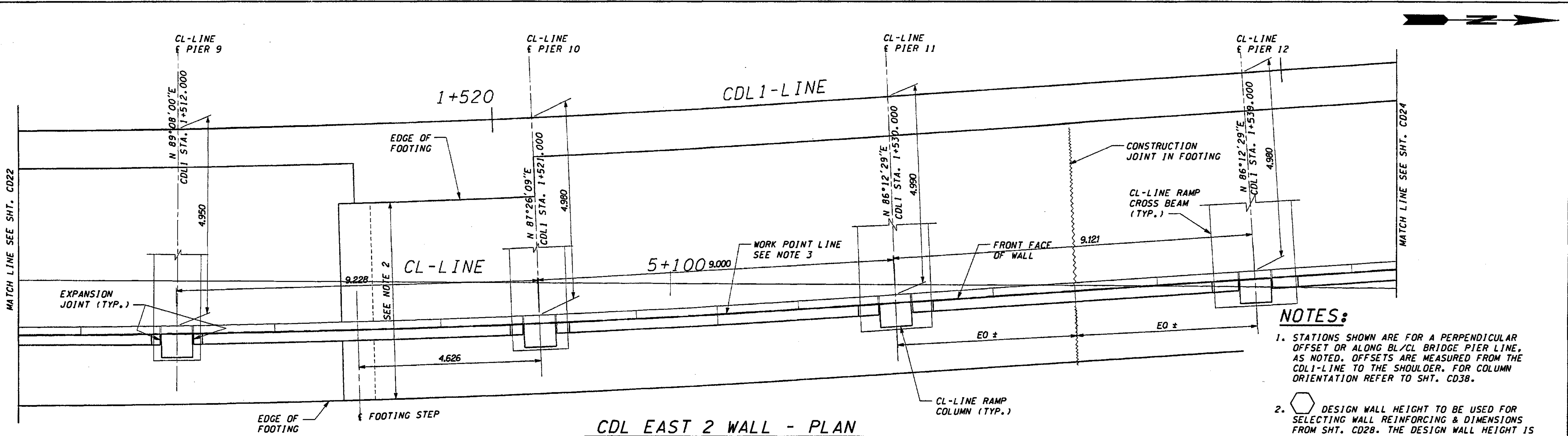
ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

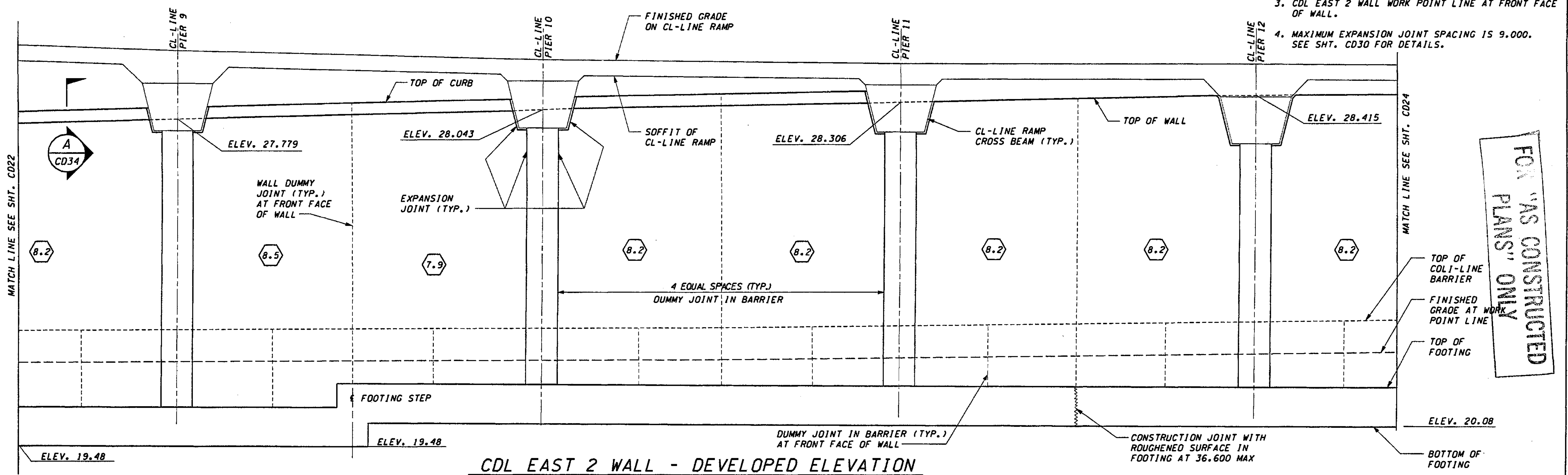
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.  
RETAINING WALL CDL EAST 2  
PLAN AND ELEVATION

SHEET NO.	CD22
SHEET OF	476 OF 1152
SHEETS	



- NOTES:**
1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD38.
  2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
  3. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
  4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.



CDL EAST 2 WALL - DEVELOPED ELEVATION

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

EXPRES 2/9/04

Washington State Department of Transportation

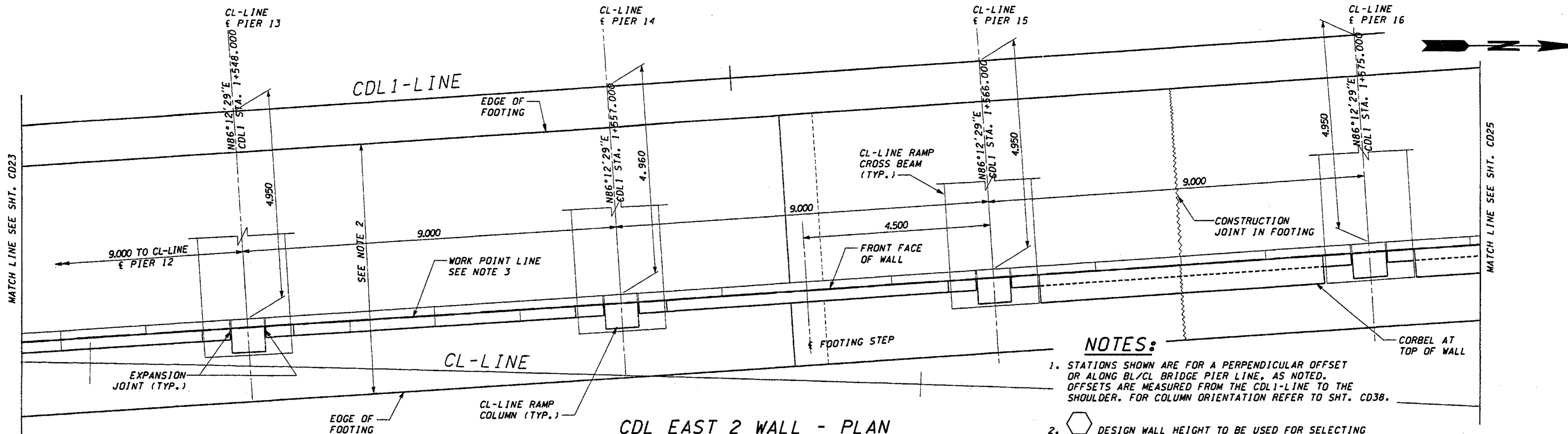
I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2 PLAN AND ELEVATION

SHEET NO. CD23

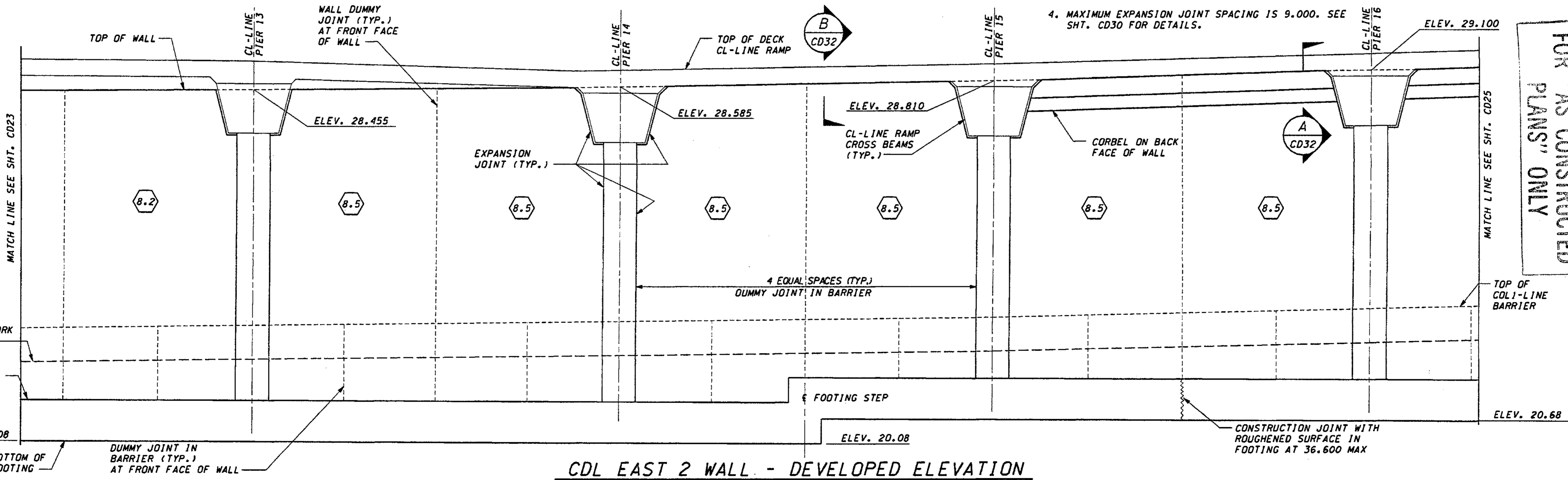
477 OF 1152 SHEETS





CDL EAST 2 WALL - PLAN

- NOTES:**
1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD38.
  2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
  3. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
  4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.



CDL EAST 2 WALL - DEVELOPED ELEVATION

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	O2A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

ENGINEERING INC. Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2  
PLAN AND ELEVATION

SHEET NO.	CD24
SHEET OF SHEETS	478 OF 1152

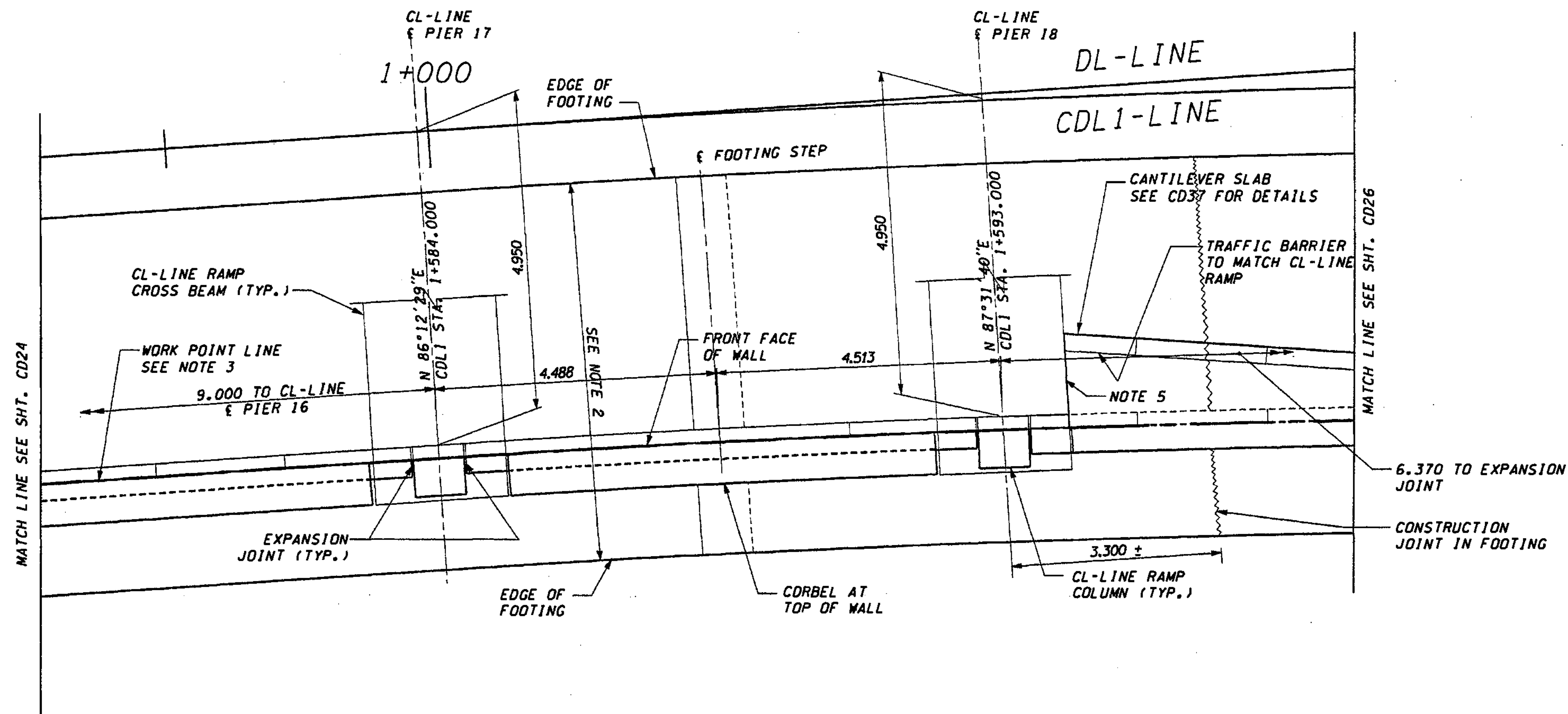
c:\pwwtemp\dms00355\cd025\_c2.dgn

PLOT4

01:25:47 PM

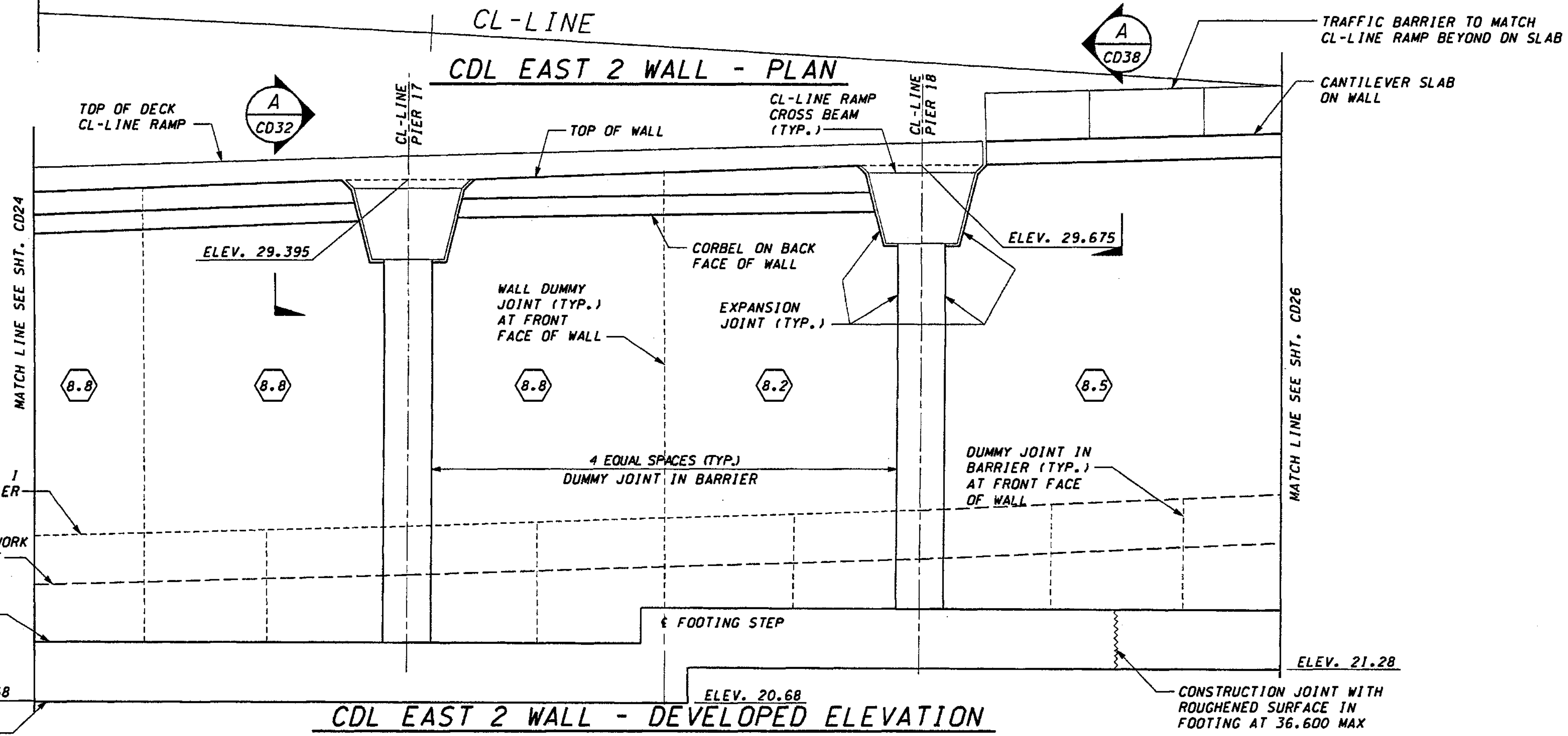
11/20/2002

dient



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD38.
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.



FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

EXPIRES 2/9/04

Washington State Department of Transportation

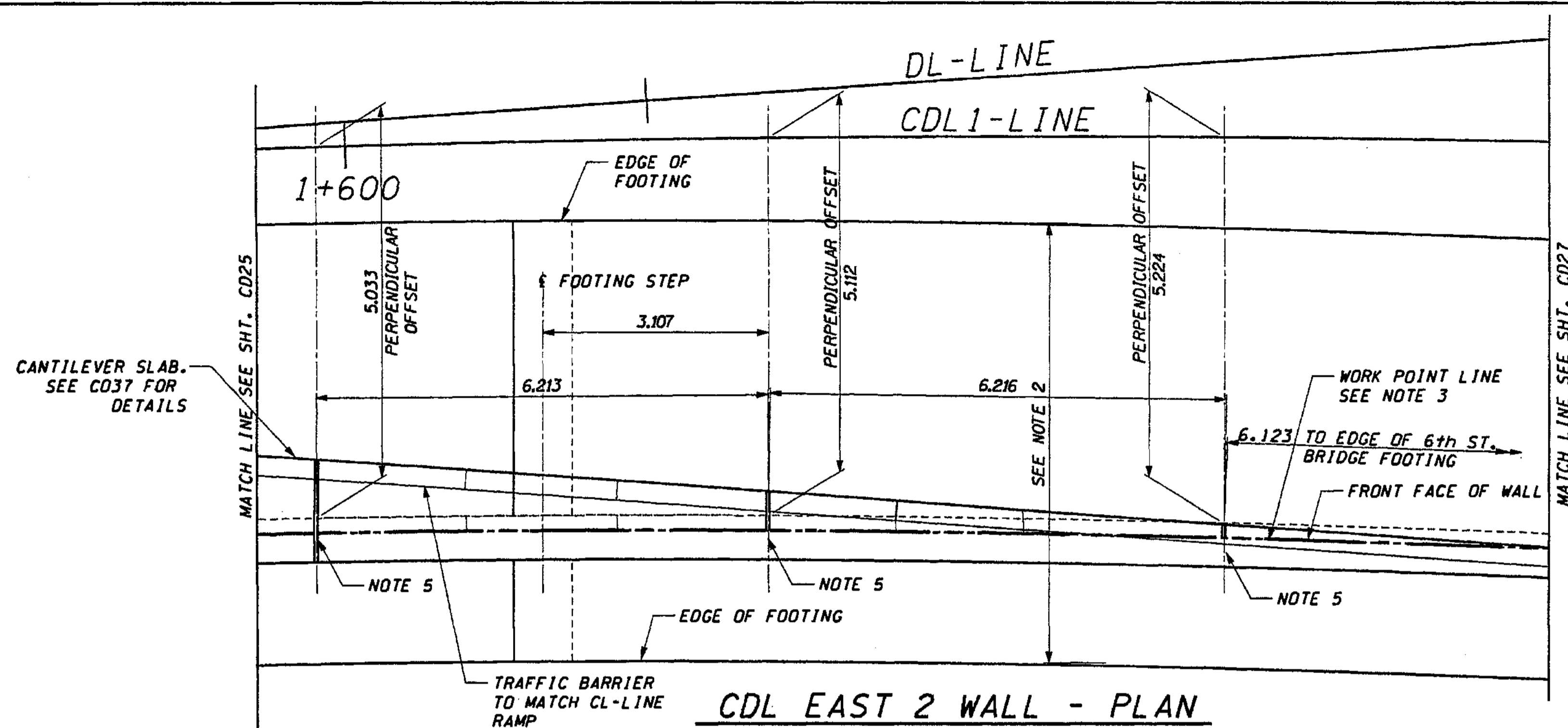
1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2  
PLAN AND ELEVATION

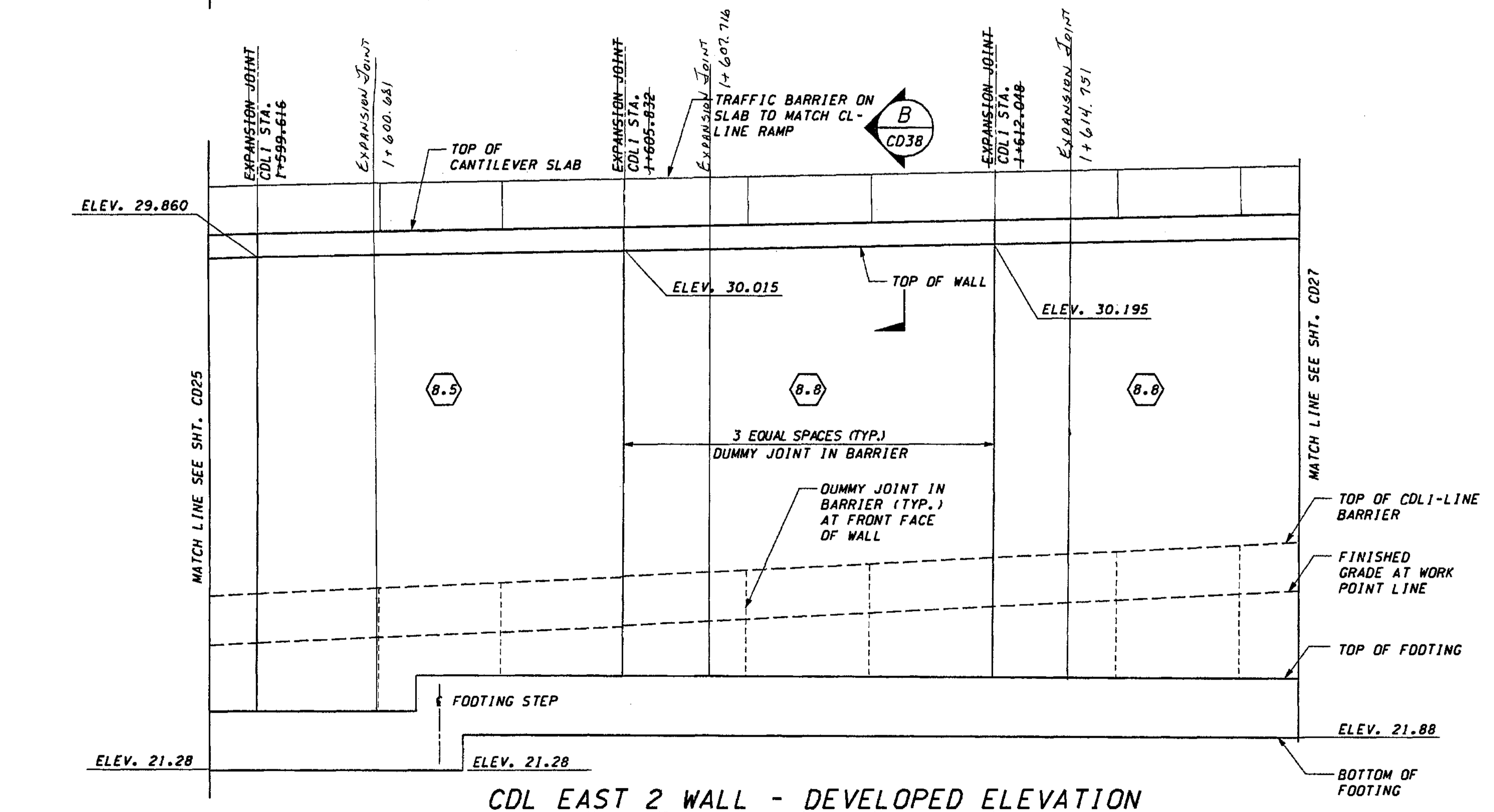
SHEET NO  
CD25

SHEET 479 OF 1152 SHEETS






**CDL EAST 2 WALL - PLAN**



**CDL EAST 2 WALL - DEVELOPED ELEVATION**



**NOTES:**


1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE SHOULDER. FOR COLUMN ORIENTATION REFER TO SHT. CD38.
2.  DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL.
3. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
4. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.
5. EXPANSION JOINT WITH COMPRESSION SEAL SEE SHT. BL55.

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYAN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		


REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER



11/22/02

Washington State Department of Transportation

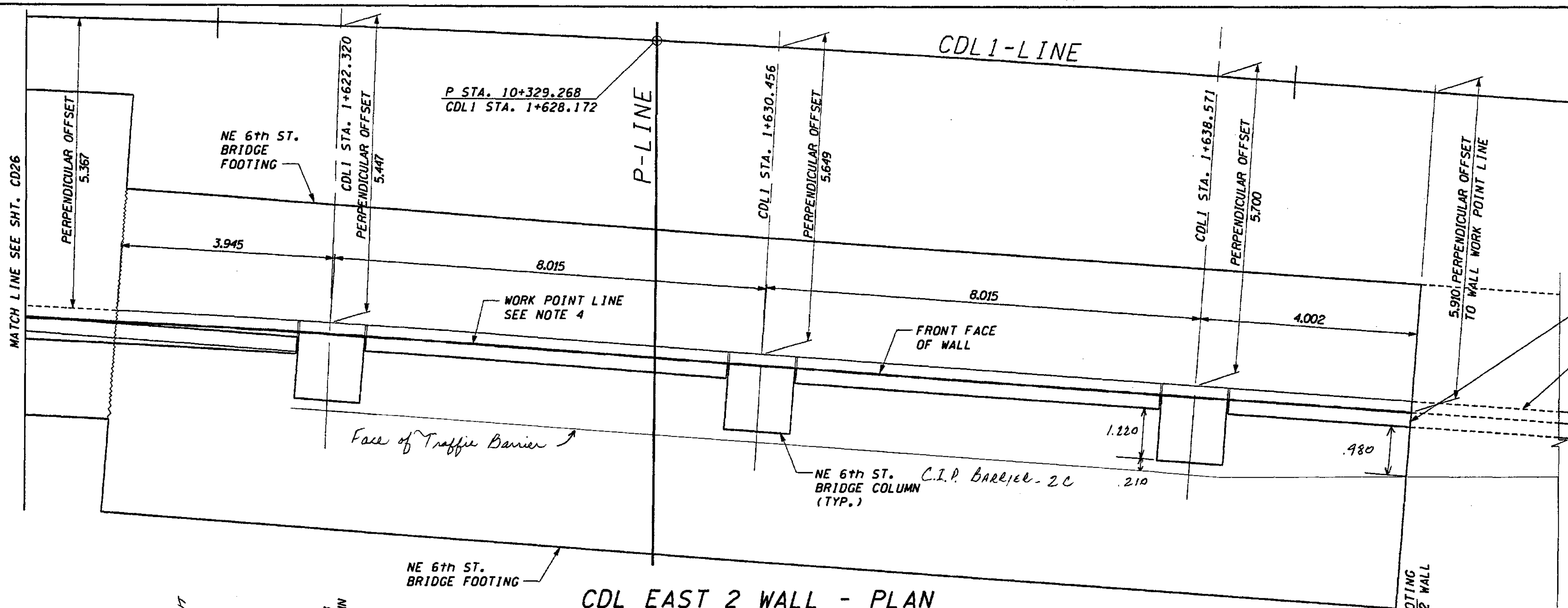


I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2  
PLAN AND ELEVATION

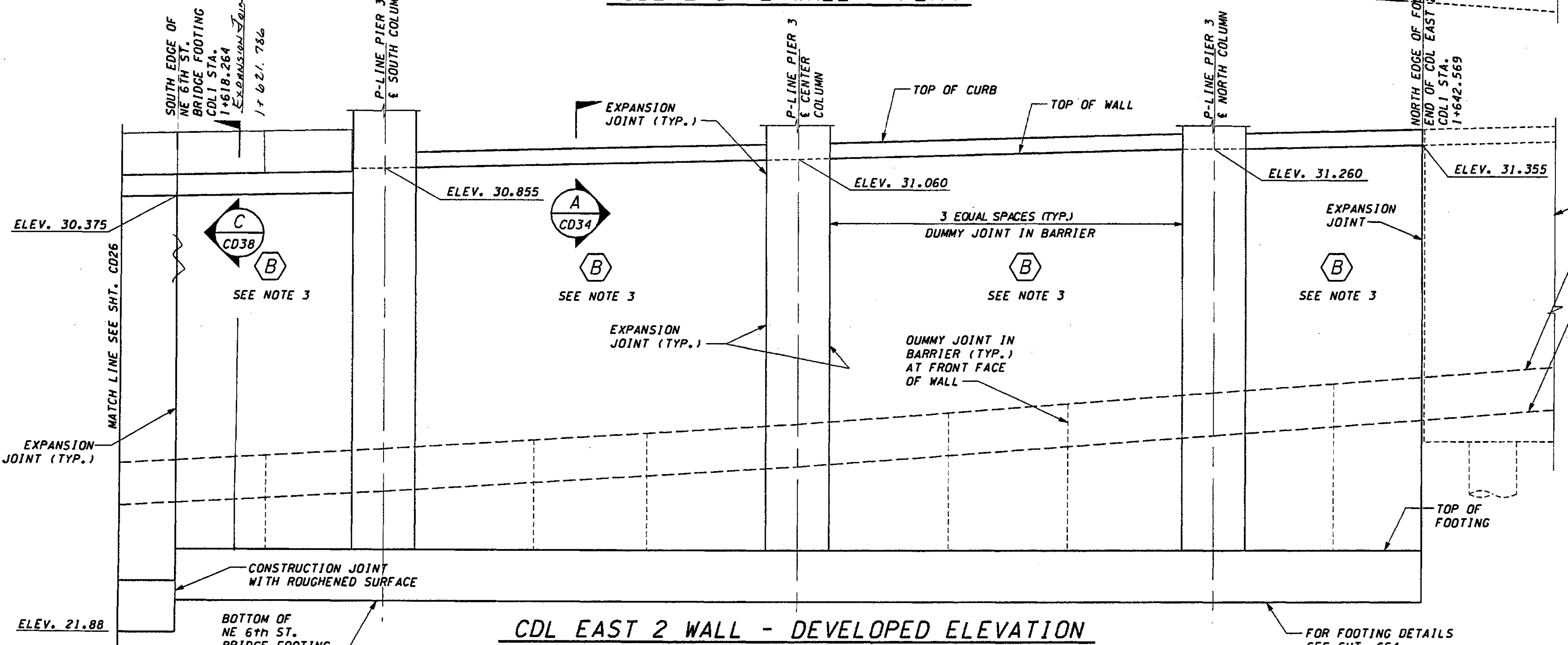
SHEET NO  
CD26

480  
of  
1152  
SHEETS



**NOTES:**

1. STATIONS SHOWN ARE FOR A PERPENDICULAR OFFSET OR ALONG BL/CL BRIDGE PIER LINE, AS NOTED. OFFSETS ARE MEASURED FROM THE CDL1-LINE TO THE WORK POINT LINE
2. DESIGN WALL HEIGHT TO BE USED FOR SELECTING WALL REINFORCING & DIMENSIONS FROM SHT. CD28. THE DESIGN WALL HEIGHT IS GREATER THAN THE ACTUAL HEIGHT OF THE WALL
3. FOR WALL FOOTING DIMENSIONS AND REINFORCING SEE NE 6TH ST. BRIDGE SHT. 654. FOR WALL STEM DIMENSIONS AND REINFORCING, SEE SHT. CD29.
4. CDL EAST 2 WALL WORK POINT LINE AT FRONT FACE OF WALL.
5. MAXIMUM EXPANSION JOINT SPACING IS 9.000. SEE SHT. CD30 FOR DETAILS.



FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	DATE	REVISION	BY
G. NUTSON	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 02A012		
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

ENGINEERING INC. Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2  
PLAN AND ELEVATION

SHEET NO. CD27  
SHEET 481 OF 452 SHEETS



d:\pwt\temp\dms00355\CD028\_C2.dgn

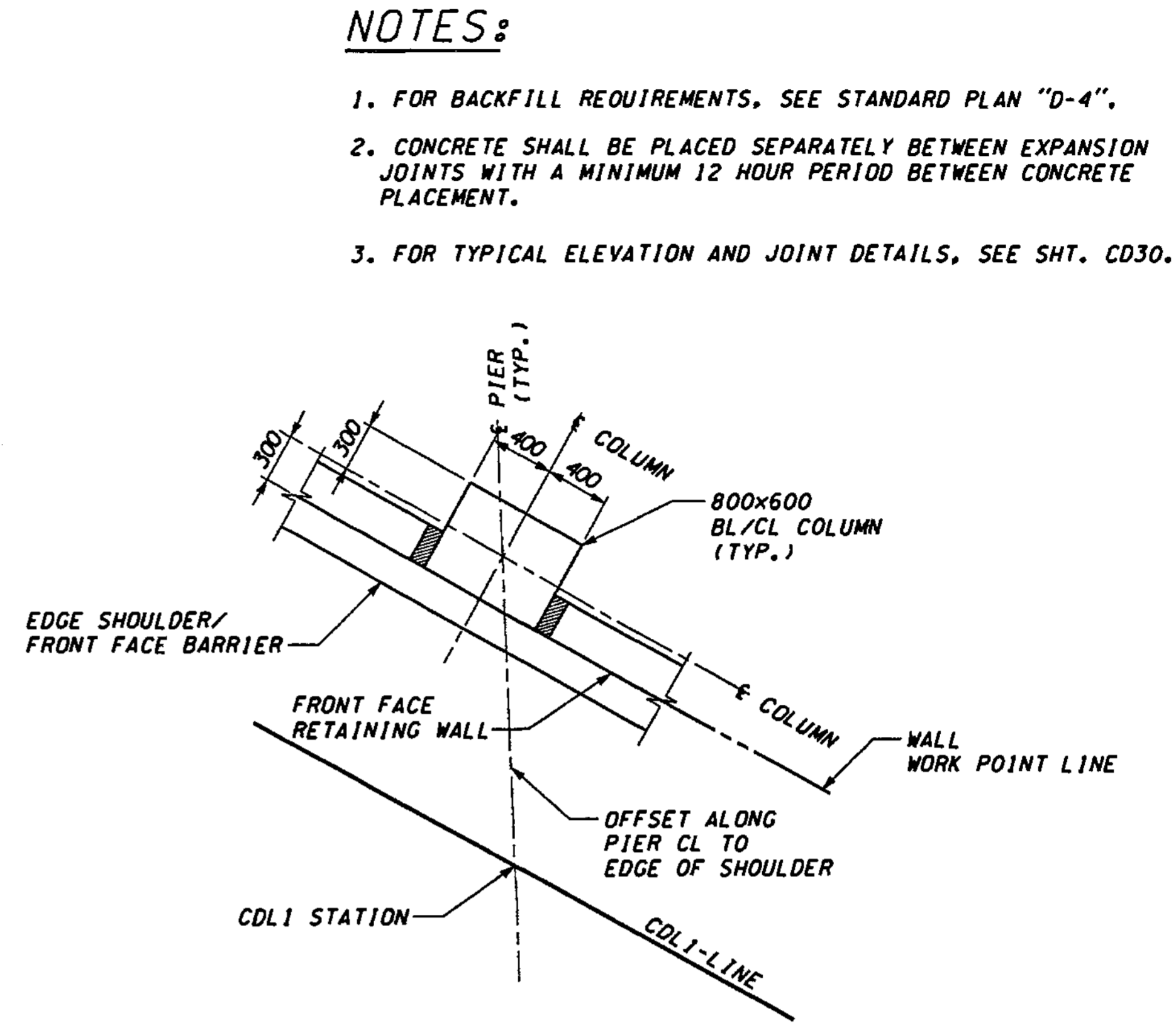
PL014

01:55:05 PM

11/25/2002

Tauntea

DIMENSIONS				FOOTING REINFORCEMENT										STEM REINFORCEMENT								
				BAR 800		BAR 807		BAR 802						BAR 801								
H (m)	B	Cv	D	LENGTH	h	SIZE	SPAC.	LENGTH	SIZE	SPAC.	LENGTH	h	b	SIZE	SPAC.	LENGTH						
4.0	4000	2200	800	1610	1410	#6	200	3870	#5	150	6070	3820	2330			3130						
4.3	4000	2200	800	1610	1410	#6	200	3870	#5	150	6370	4120	2330			3430						
4.6	4000	2200	800	1610	1410	#6	200	3870	#5	150	6670	4420	2330			3730						
4.9	4000	2200	800	1610	1410	#6	200	3870	#6	150	6950	4720	2330			4030						
5.2	4000	2200	800	1610	1410	#6	200	3870	#6	150	7250	5020	2330			4330						
5.5	4000	2200	800	1610	1410	#6	200	3870	#6	150	7560	5320	2330			4630						
5.8	4000	2200	800	1610	1410	#6	200	3870	#6	150	7860	5620	2330			4930						
6.1	5000	3200	800	1610	1410	#6	150	4870	#6	150	9160	5920	3330	#6	300	5550	5530					
6.4	5000	3200	800	1610	1410	#6	150	4870	#7	300	5520	2320	3330	#6	300	4590	1370	3330	#6	300	5850	5830
6.7	5000	3200	800	1610	1410	#6	150	4870	#7	300	5520	2320	3330	#6	300	4590	1370	3330	#7	300	6160	6130
7.0	5000	3200	800	1610	1410	#6	150	4870	#7	300	5520	2320	3330	#7	300	4710	1520	3330	#7	300	6260	6230
7.3	5000	3200	1000	1610	1410	#6	150	4870	#8	300	6150	2980	3320	#7	300	4920	1720	3330	#7	300	6260	6230
7.6	5000	3200	1000	1610	1410	#6	150	4870	#8	300	6150	2980	3320	#8	300	5110	1950	3320	#8	300	6560	6530
7.9	5000	3200	1000	1610	1410	#6	150	4870	#8	300	6450	3280	3320	#8	300	5110	1950	3320	#8	300	6860	6830
8.2	6000	4200	1000	1610	1410	#6	150	5870	#9	300	7990	3860	4310	#9	300	6350	2230	4310	#9	300	7160	7130
8.5	6000	4200	1000	1610	1410	#6	150	5870	#9	300	8290	4160	4310	#9	300	6350	2230	4310	#9	300	7460	7430
8.8	6000	4200	1000	1610	1410	#6	150	5870	#9	300	8590	4460	4310	#9	300	6350	2230	4310	#9	300	7760	7730

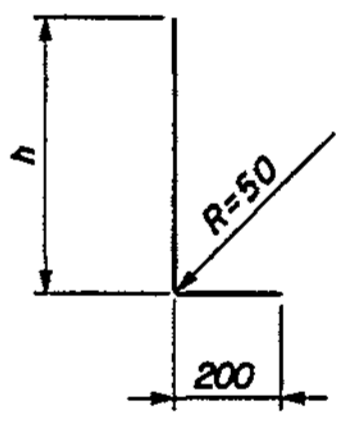


NOTES:

- FOR BACKFILL REQUIREMENTS, SEE STANDARD PLAN "D-4".
- CONCRETE SHALL BE PLACED SEPARATELY BETWEEN EXPANSION JOINTS WITH A MINIMUM 12 HOUR PERIOD BETWEEN CONCRETE PLACEMENT.
- FOR TYPICAL ELEVATION AND JOINT DETAILS, SEE SHT. CD30.

COLUMN ORIENTATION PLAN

WEST WALL SHOWN, EAST WALL SIM.

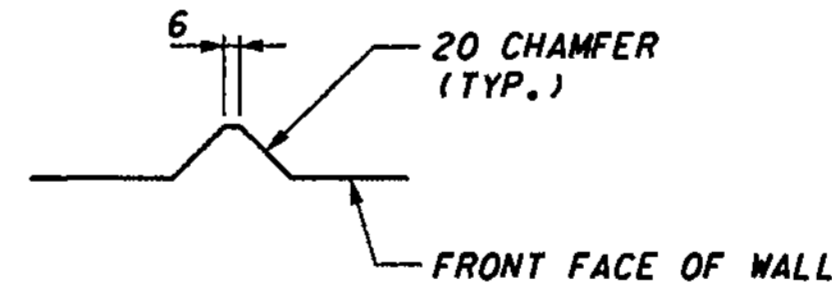


BAR 800

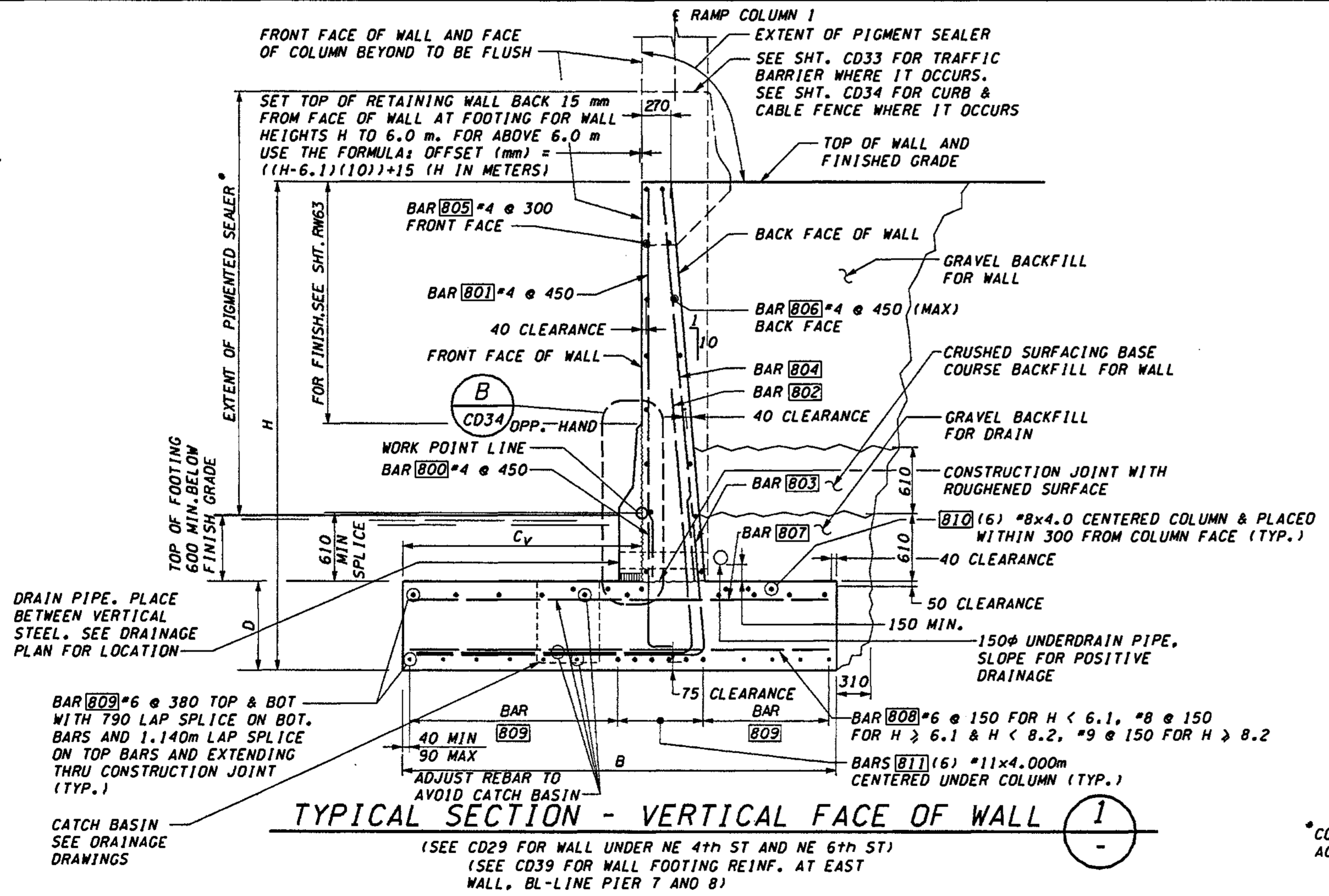
FOR "AS CONSTRUCTED PLANS" ONLY

BAR	RADIUS (mm)
#5	230
#6	280
#7	330
#8	380
#9	460
#10	510

BARS 802 AND 803



WALL DUMMY JOINT



TYPICAL SECTION - VERTICAL FACE OF WALL

(SEE CD29 FOR WALL UNDER NE 4th ST AND NE 6th ST)  
 (SEE CD39 FOR WALL FOOTING REINF. AT EAST WALL, BL-LINE PIER 7 AND 8)

\*CONTINUE PIGMENTED SEALER ACROSS ADJACENT FACE OF COLUMN

DESIGNED BY	DATE	REVISION	BY
G. NUTSON	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

1 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2 TYPICAL SECTION

SHEET NO. CD28

482 OF 1152 SHEETS

c:\pwt\temp\dms00355\cd029\_c2.dgn

PLOT14

01:26:03 PM

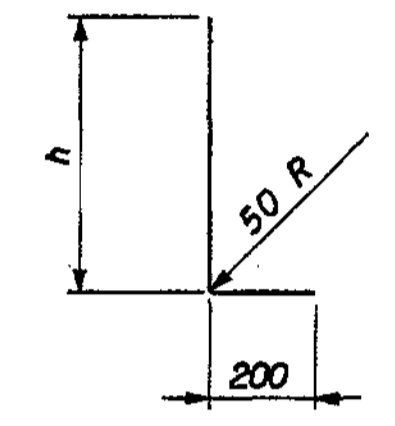
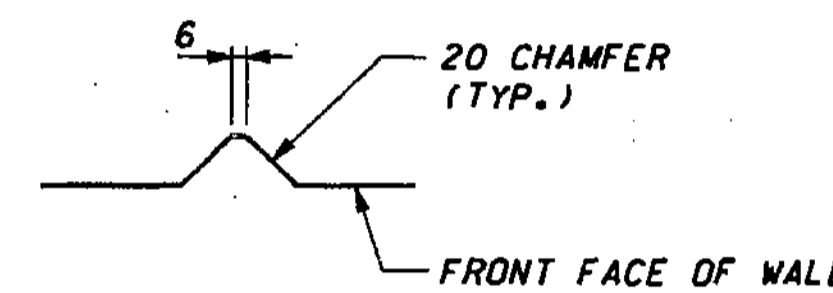
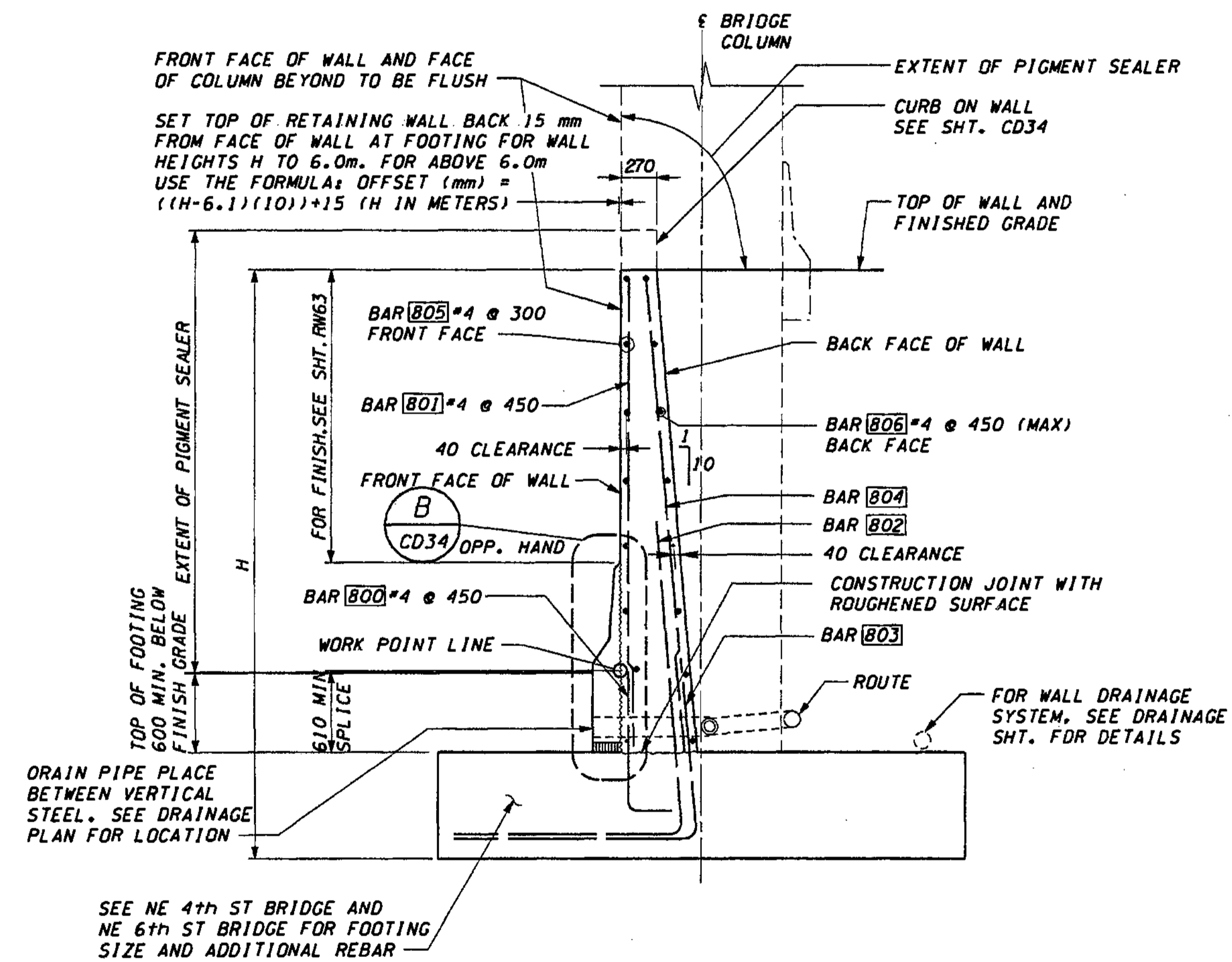
11/20/2002

dient

DIMENSIONS				FOOTING REINFORCEMENT										STEM REINFORCEMENT					
				BAR 800		BAR 802				BAR 803				BAR 804		BAR 801			
SHAPE	B	Cv	D	LENGTH	h	SIZE	SPAC.	LENGTH	h	b	SIZE	SPAC.	LENGTH	h	b	SIZE	SPAC.	LENGTH	LENGTH
NE 4th ST. BRIDGE																			
A	-	-	-	2010	1810	#6	300	5710	2420	3400	#6	300	5060	1770	3400	#6	300	5350	5330
NE 6th ST. BRIDGE																			
B	-	-	-	1810	1610	#9	300	6960	4560	2580	#9	300	4620	2230	2580	#9	300	7860	7830

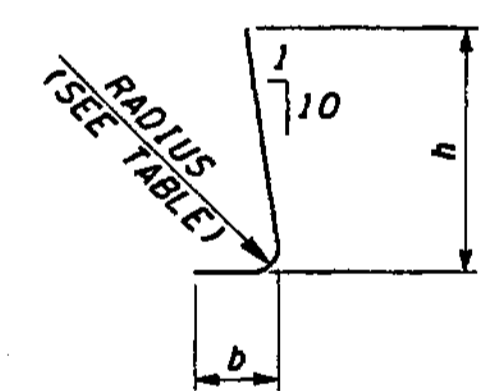
**NOTES:**

- FOR BACKFILL REQUIREMENTS, SEE STANDARD PLAN "D-4".
- CONCRETE SHALL BE PLACED SEPARATELY BETWEEN EXPANSION JOINTS WITH A MINIMUM 12 HOUR PERIOD BETWEEN CONCRETE PLACEMENT.
- FOR TYPICAL ELEVATION AND JOINT DETAILS, SEE SHT. CD30.



**BAR 800**

BAR	RADIUS (mm)
#5	230
#6	280
#7	330
#8	380
#9	460
#10	510



**BARS 802 AND 803**

**SECTION - VERTICAL FACE OF EAST WALL AT NE 4th ST AND NE 6th ST BRIDGE FOOTINGS**

**FOR "AS CONSTRUCTED PLANS" ONLY**

DESIGNED BY G. NUTSON	12/02	REGION NO.	STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER 	I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.	SHEET NO.
ENTERED BY H. TRAN	12/02	10	WASH					CD29
CHECKED BY I. HASAYEN	12/02	JOB NUMBER						483
PROJ. ENGR. D. CIERI	12/02	02A012						1152
REGIONAL ADM. D. DYE	12/02	CONTRACT NO.				RETAINING WALL CDL EAST 2 BRIDGE FOOTING/WALL DETAILS	SHEETS	
DATE	DATE	REVISION	BY					



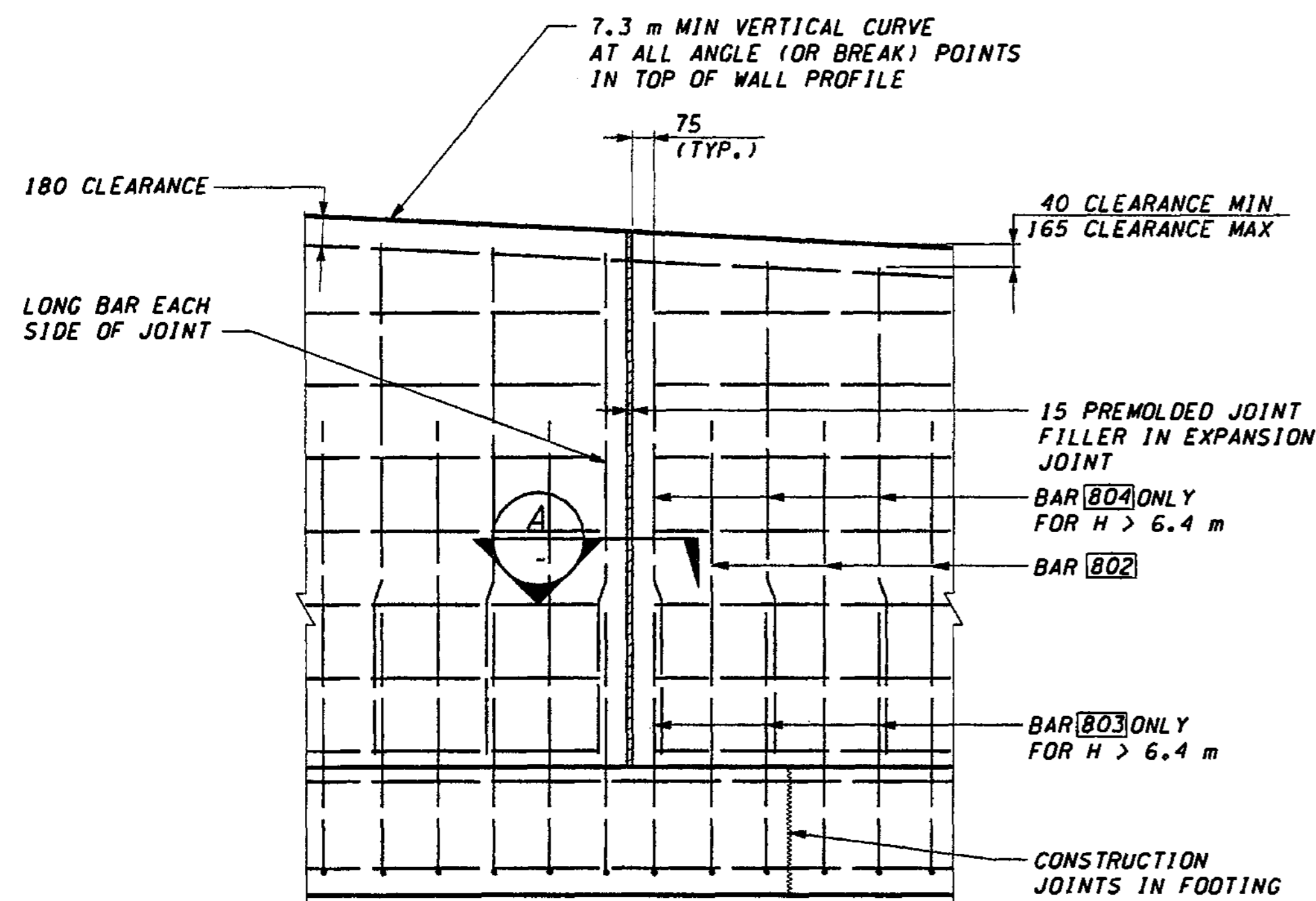
c:\pwwtemp\dms00355\cd030\_c2.dgn

PLOT4

01:26:07 PM

11/20/2002

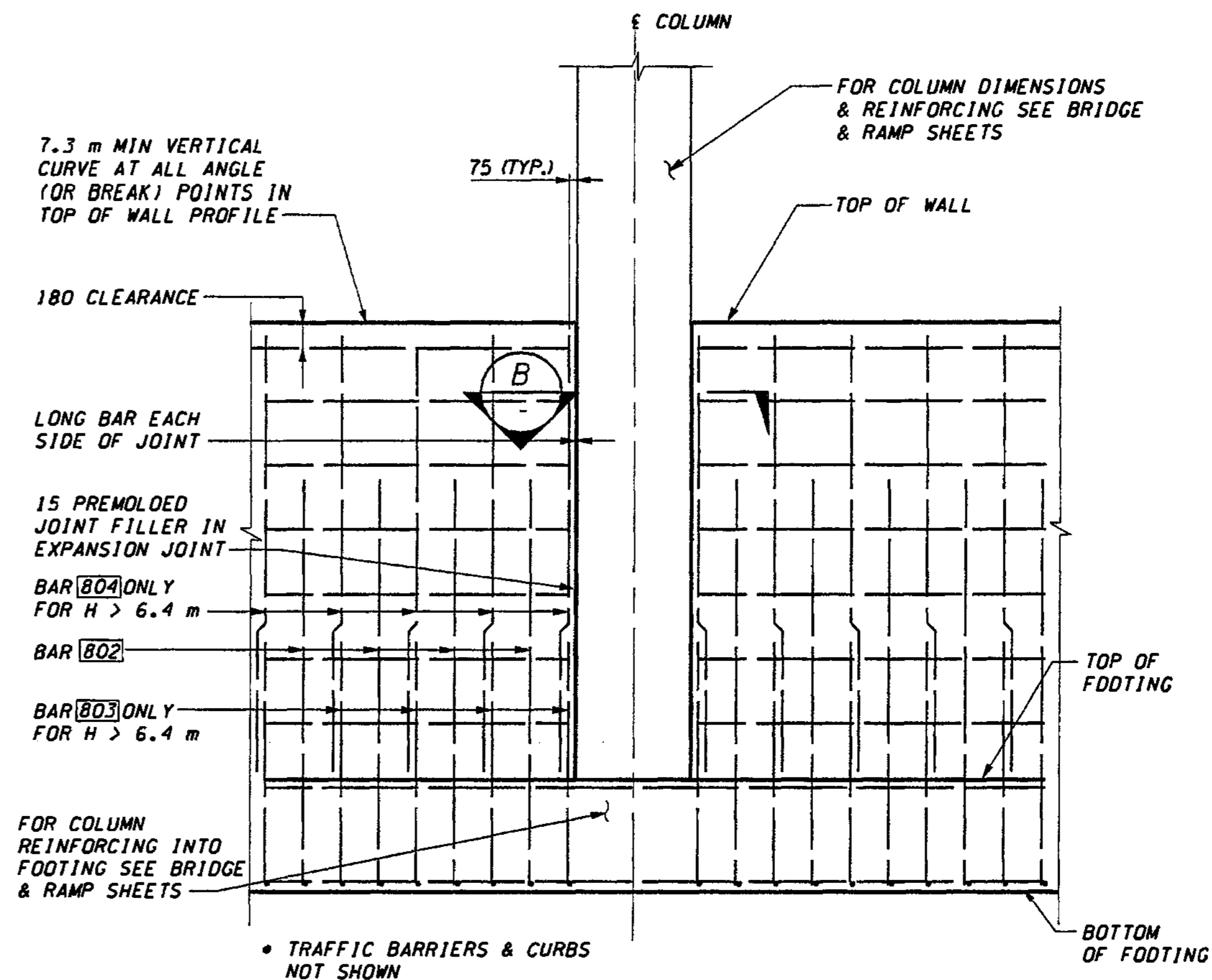
dient



• TRAFFIC BARRIERS & CURBS NOT SHOWN

**TYPICAL EXPANSION JOINT ELEVATION 1**  
WALL TO WALL

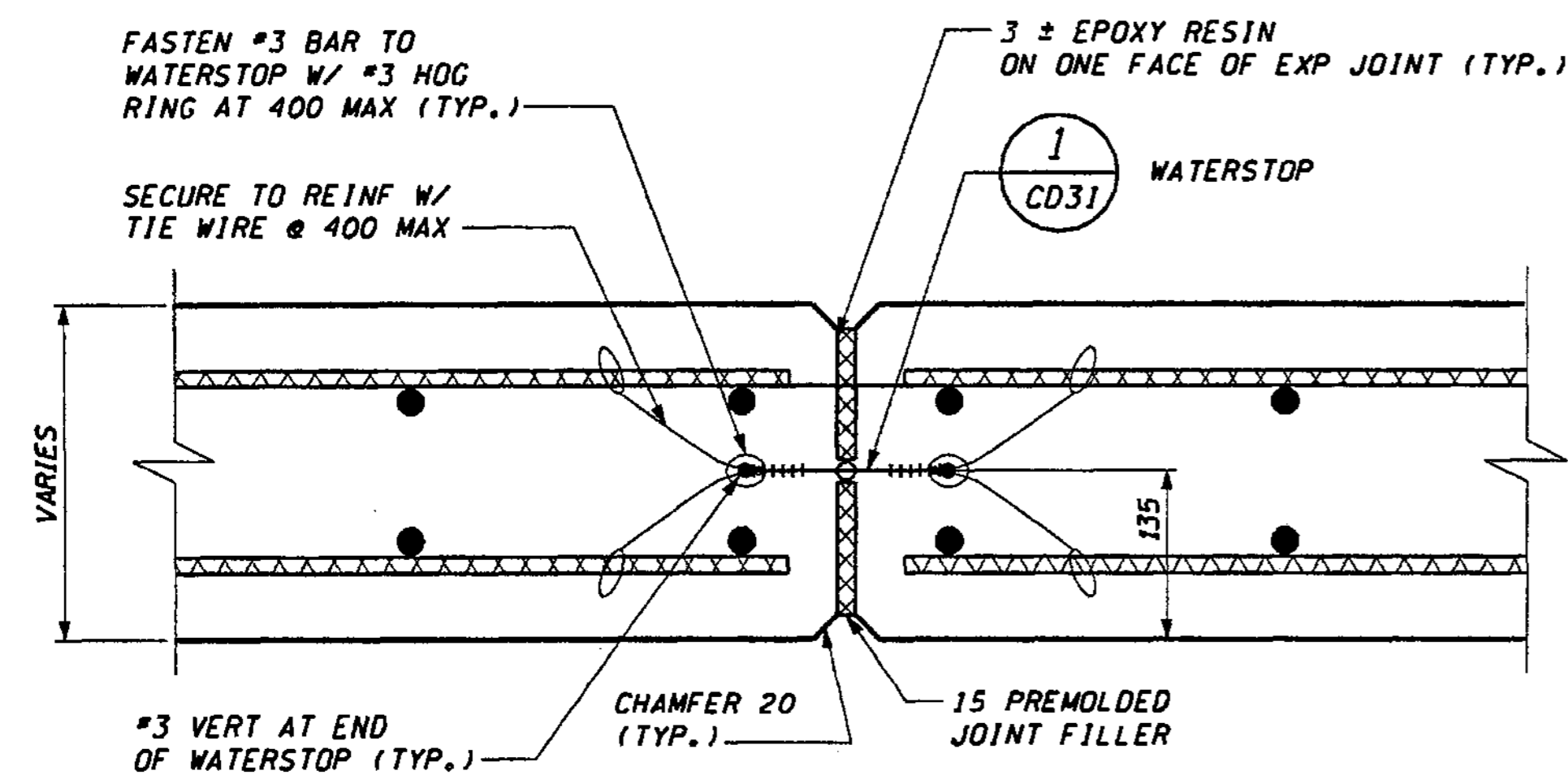
USE WITH TABLE ON SHT. CD28



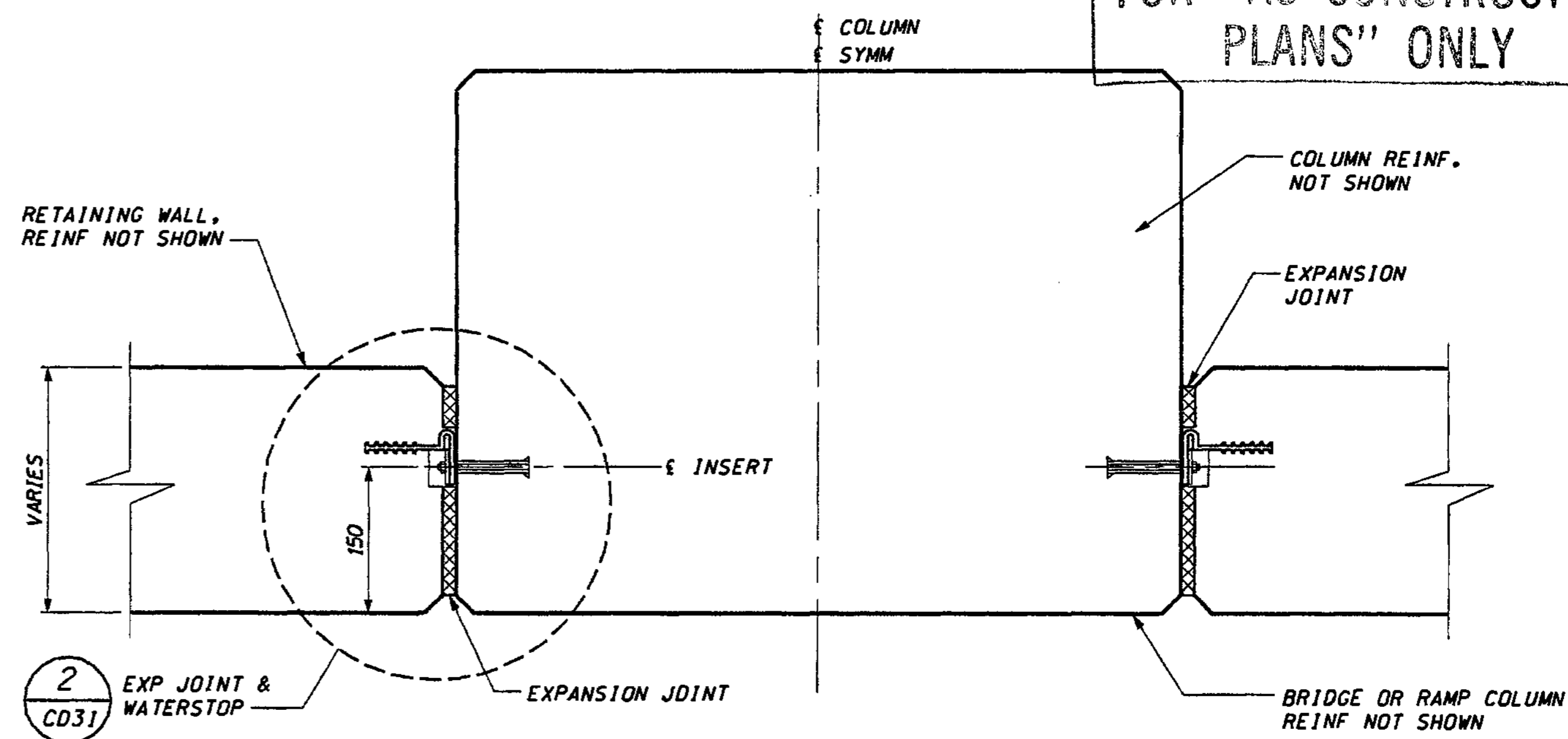
• TRAFFIC BARRIERS & CURBS NOT SHOWN

**TYPICAL EXPANSION JOINT ELEVATION AT WALL 2**

USE WITH TABLES ON SHT. CD28 & CD29



**TYPICAL EXPANSION JOINT DETAIL A**  
WALL TO WALL



**TYPICAL EXPANSION JOINT DETAIL B**  
AT COLUMN

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

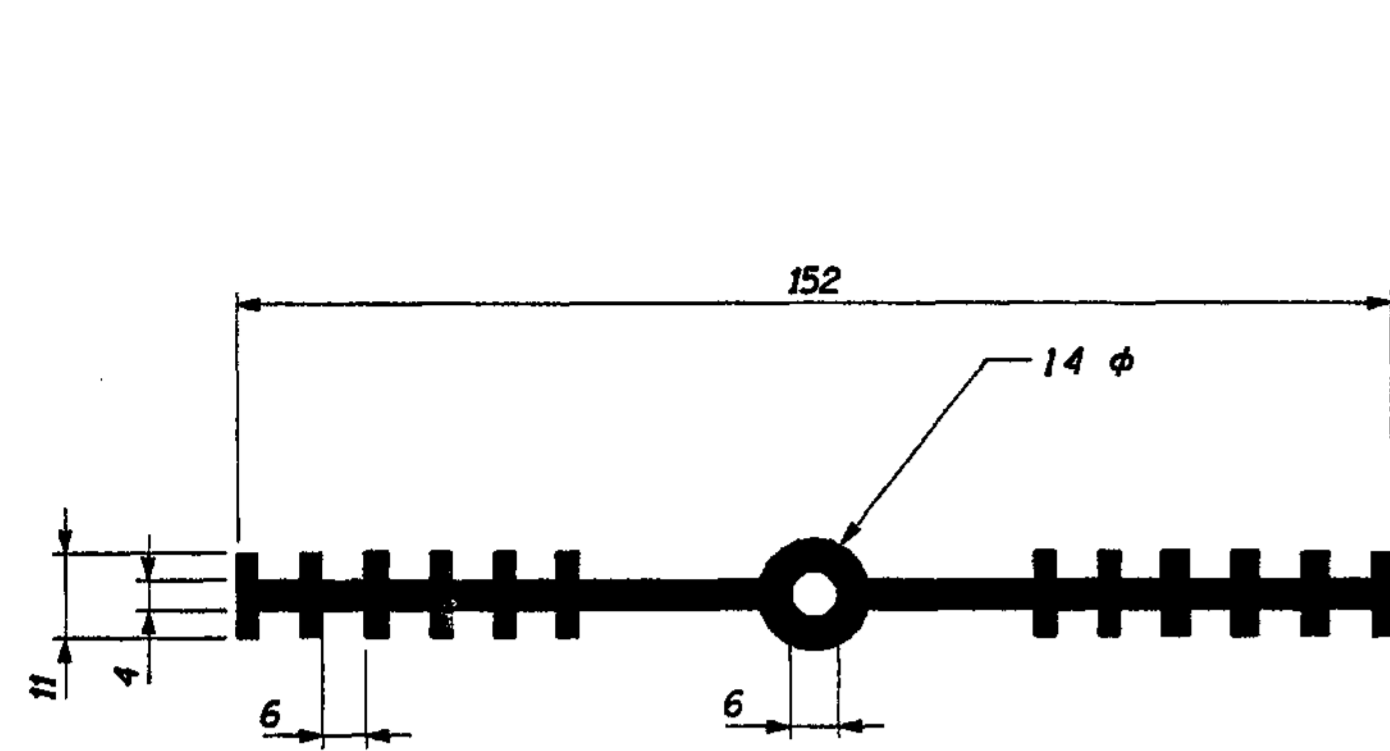
Washington State Department of Transportation

ENGINEERING IN CONSULTING ENGINEERS

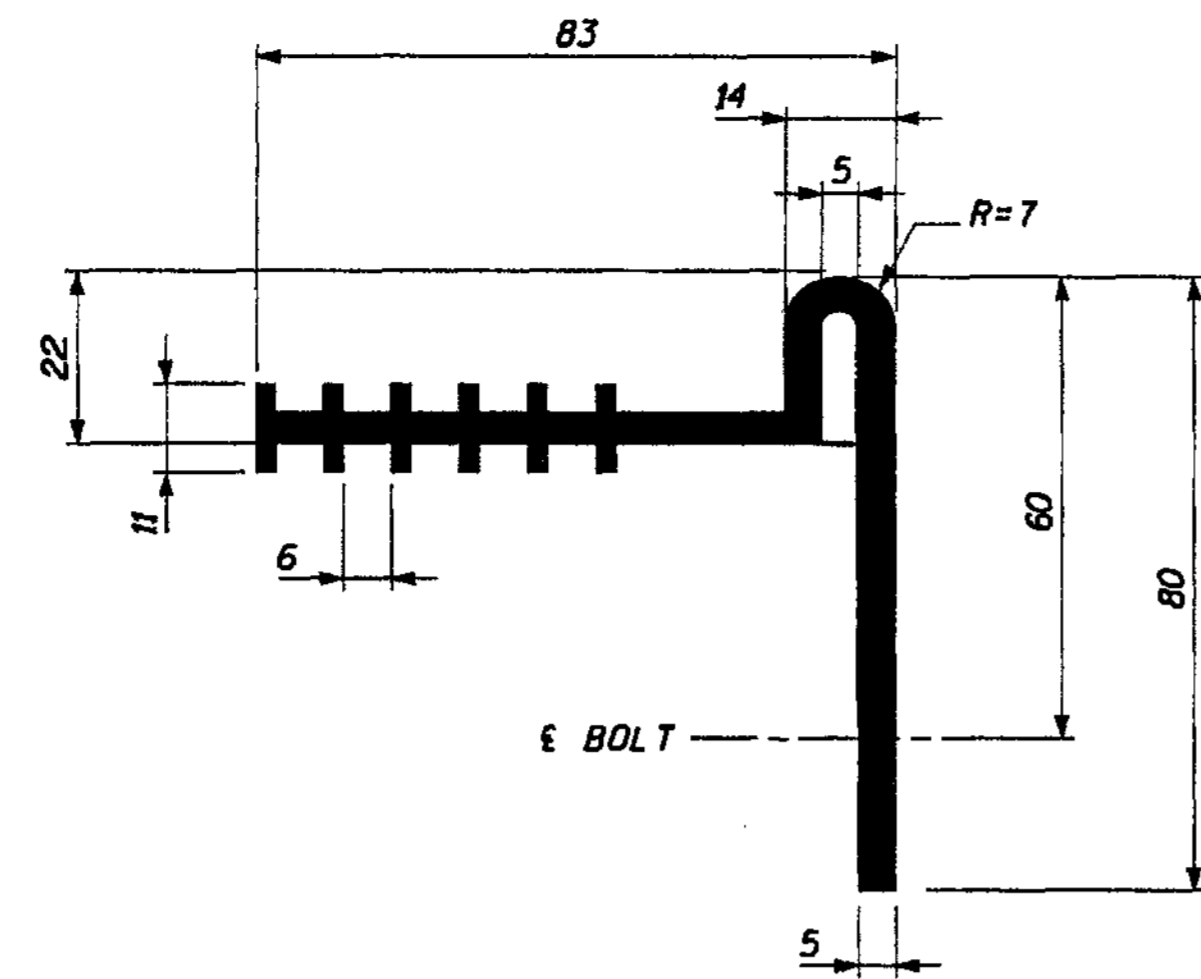
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
WALL DETAILS

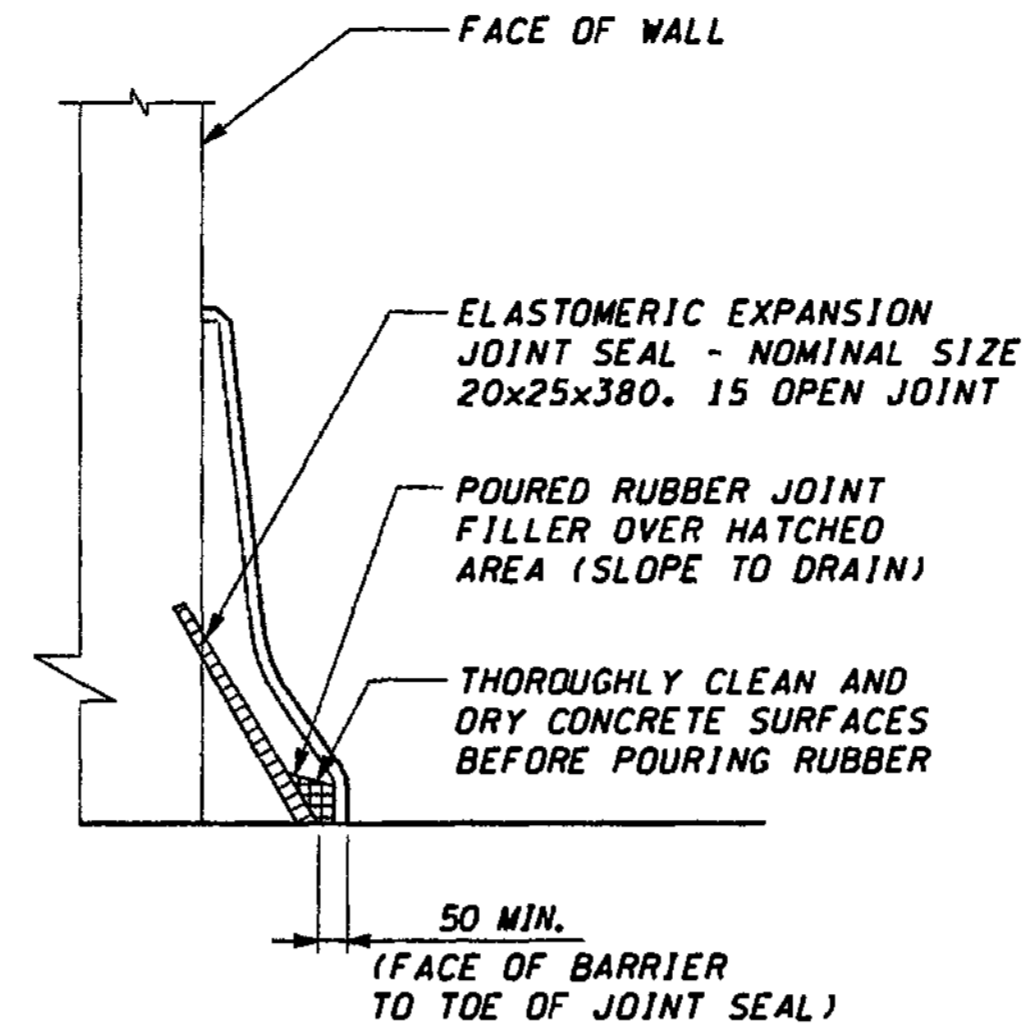
SHEET NO.	CD30
SHEET NO.	484
SHEET NO.	1152



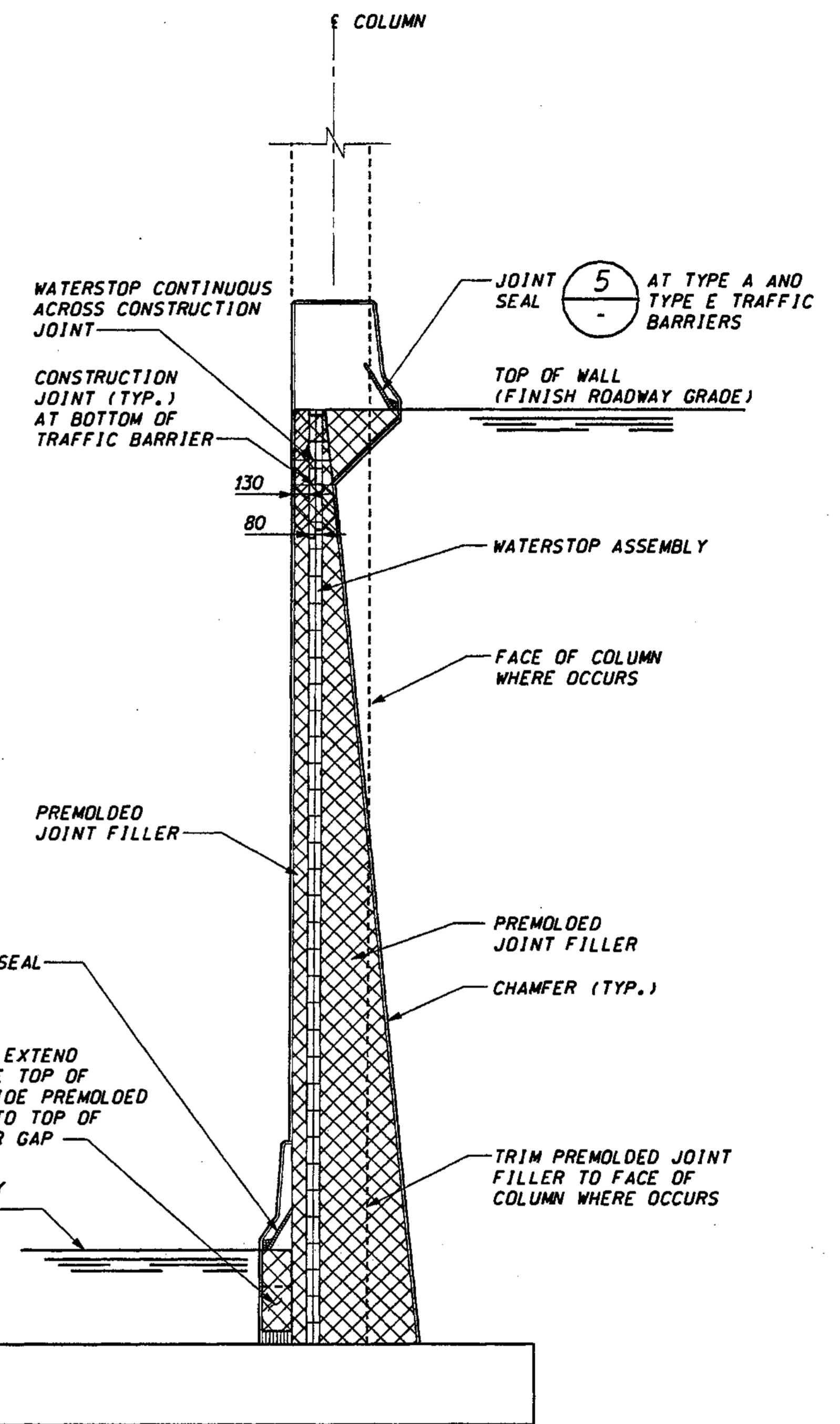
**WALL TO WALL  
WATERSTOP DETAIL 1**



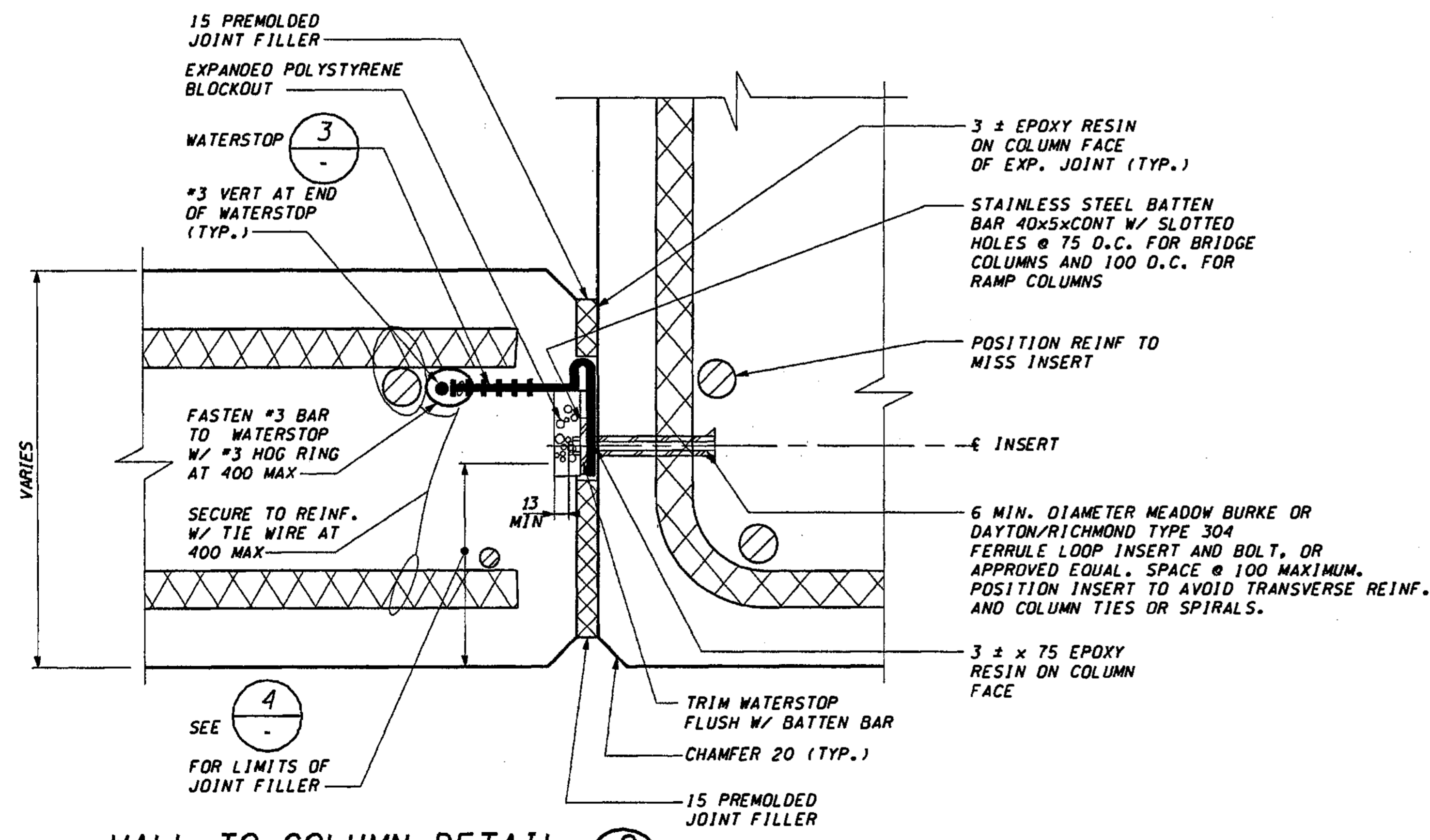
**WALL TO COLUMN  
WATERSTOP DETAIL 3**



**DETAIL 5**



**TYPICAL EXPANSION JOINT SECTION 4**



**WALL TO COLUMN DETAIL 2**, CD32

**FOR "AS CONSTRUCTED PLANS" ONLY**

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM. L. ENG		12/02		
DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

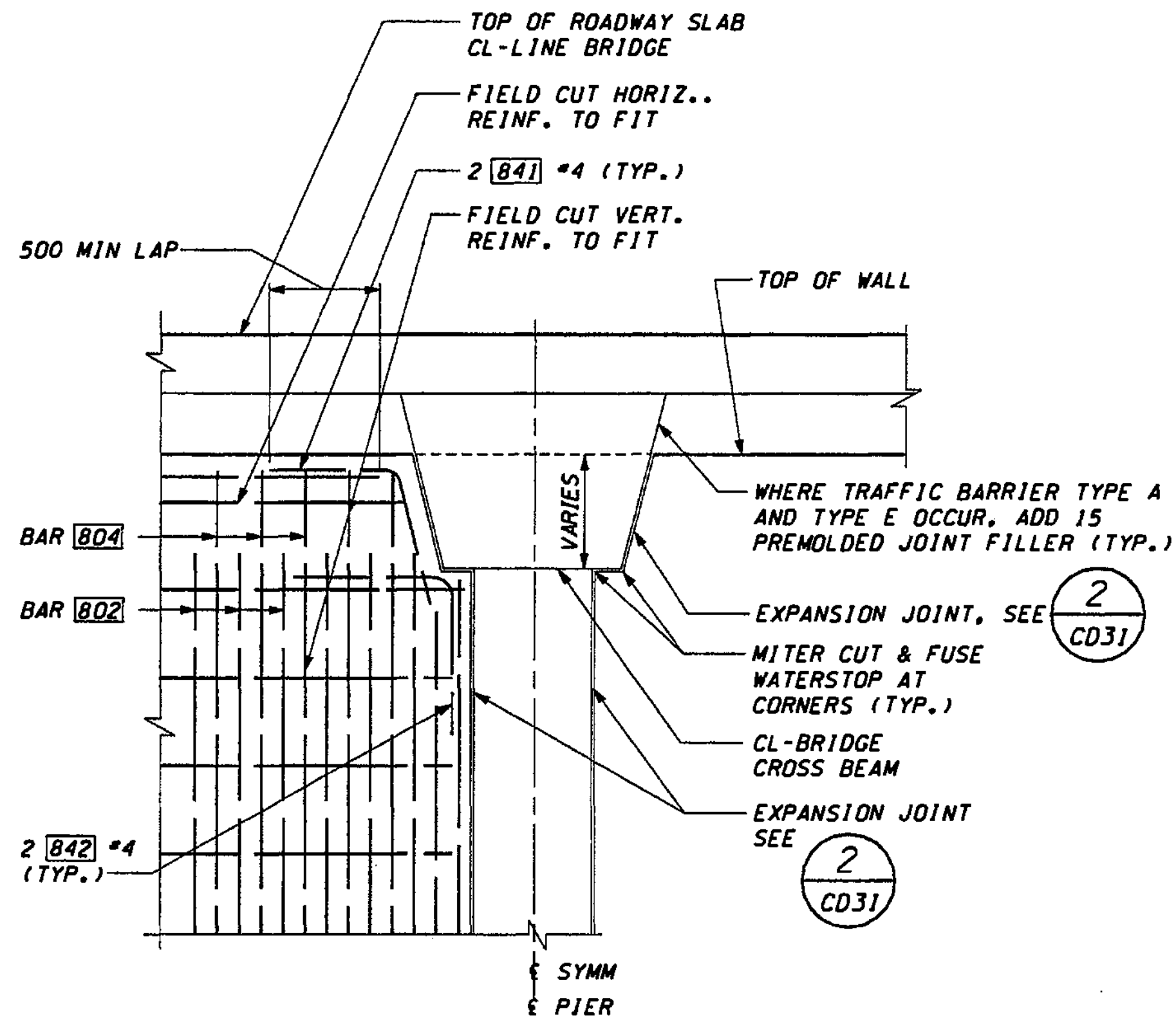
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
WALL DETAILS

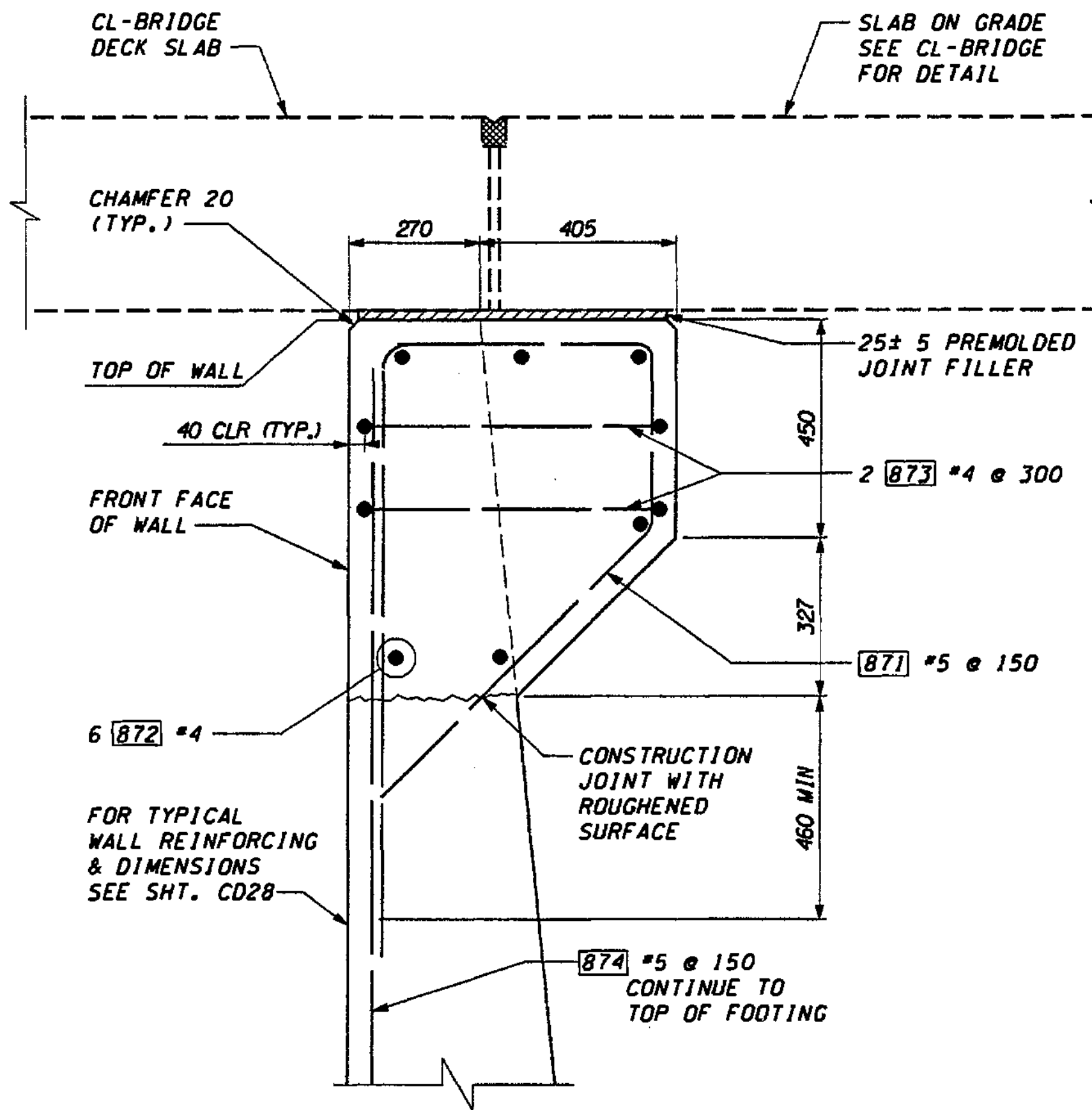
SHEET NO. CD31

SHEETS 485  
1152

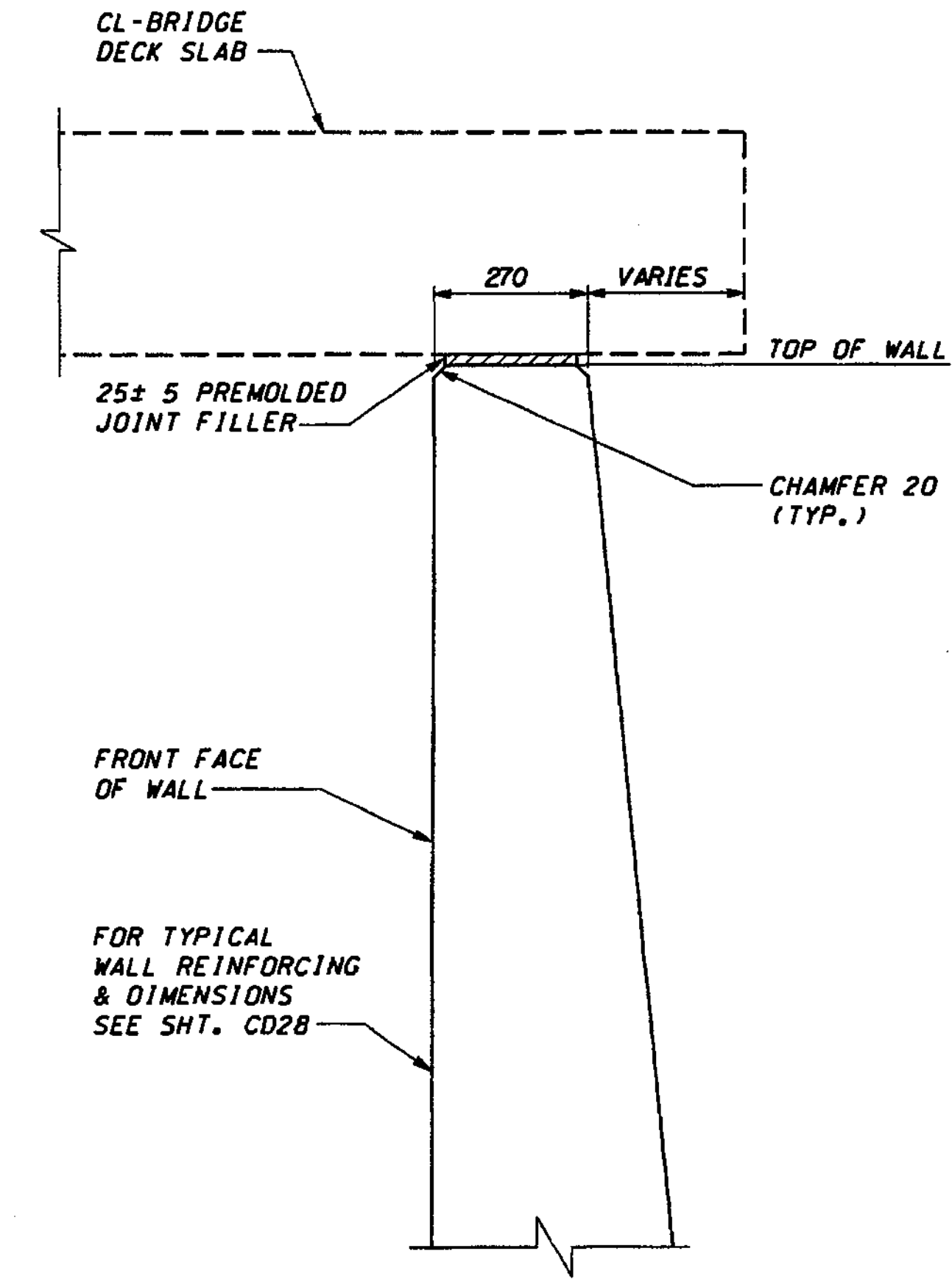




DETAIL AT CL-LINE CROSSBEAM 1



SECTION AT SLAB ON GRADE A



SECTION AT SLAB ON GRADE B

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02		
ENTERED BY	H. ONG	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

1 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
WALL DETAILS

SHEET NO  
CD32

SHEET NO  
486  
1152

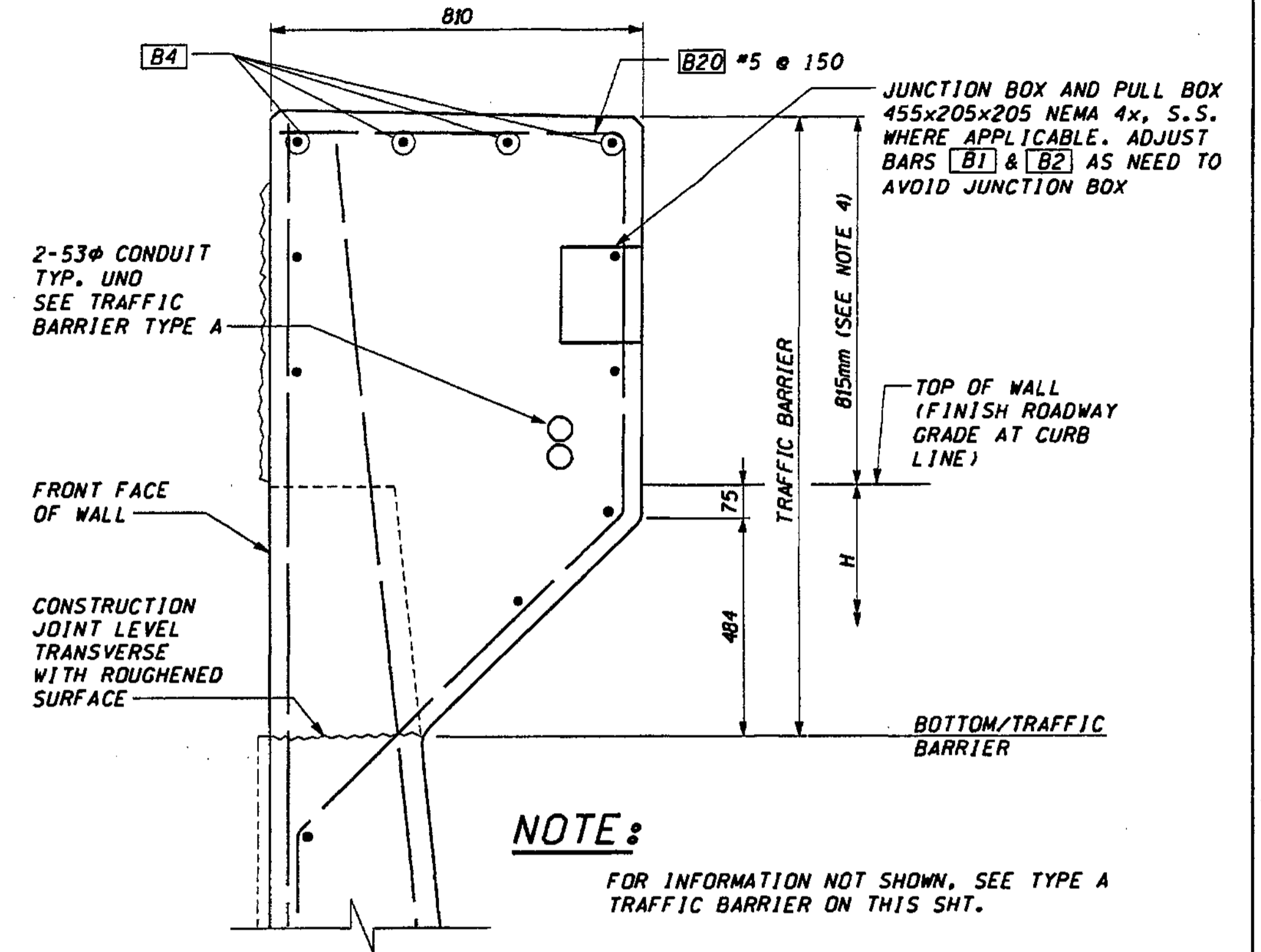
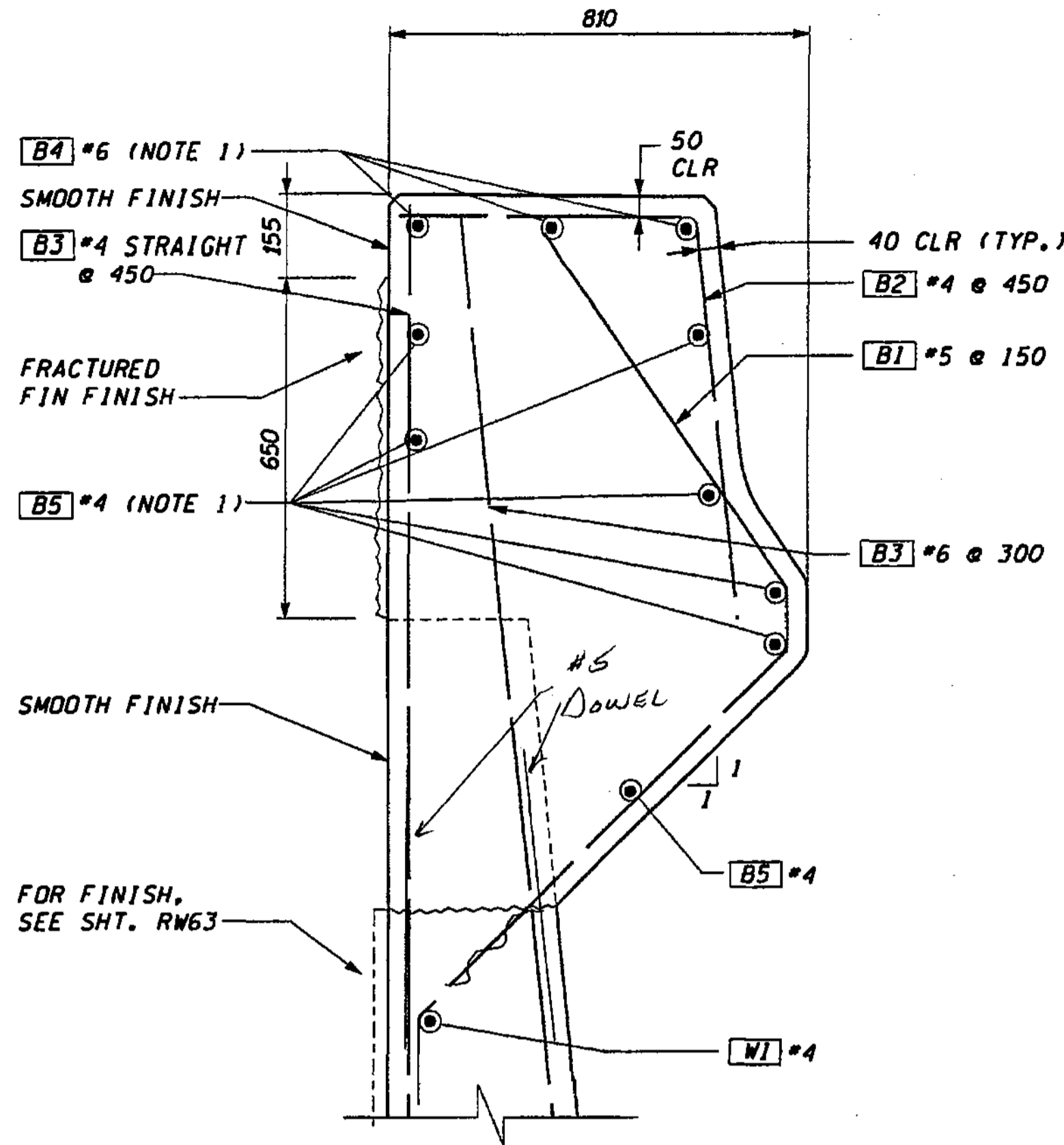
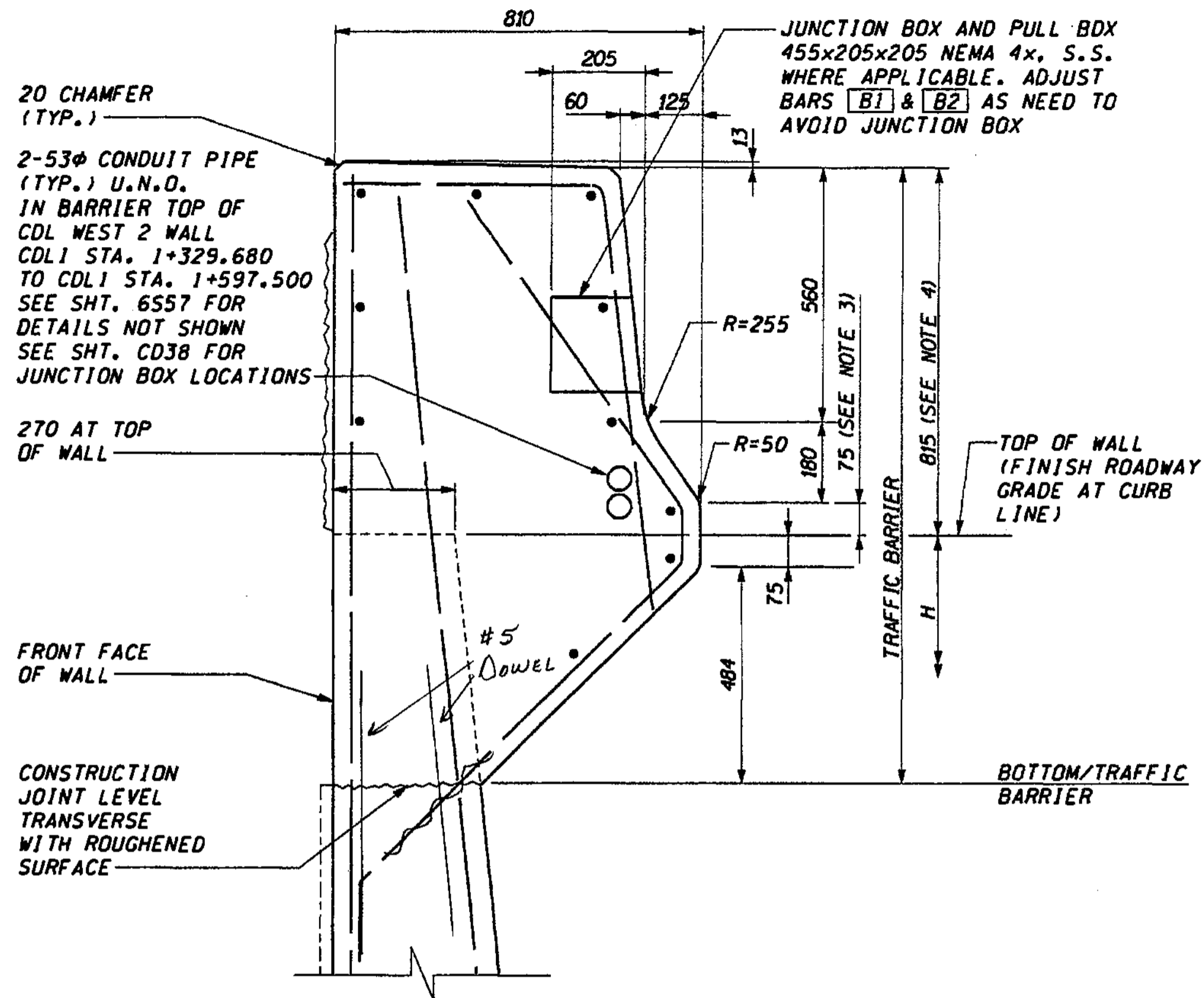
c:\pwt\temp\dms00355\CD033\_C2.dgn

PLOT4

11:37:19 AM

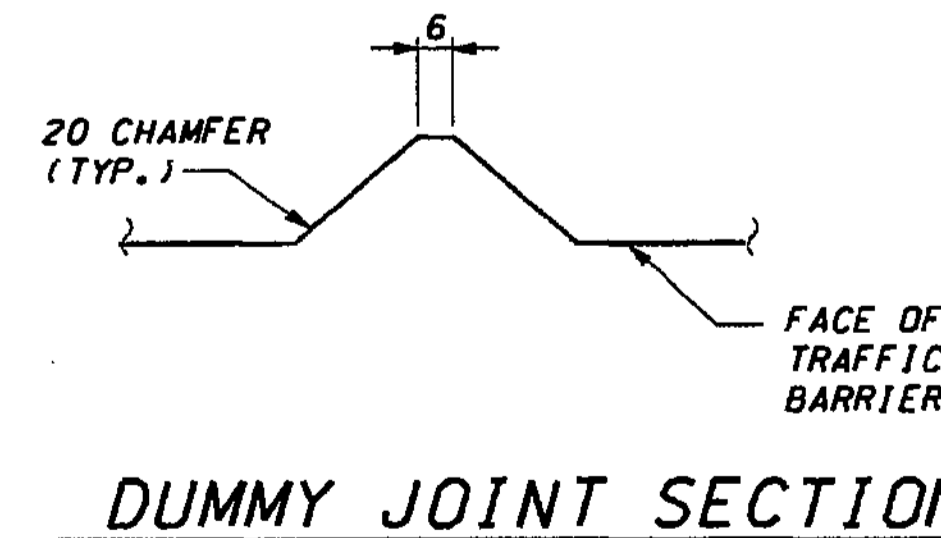
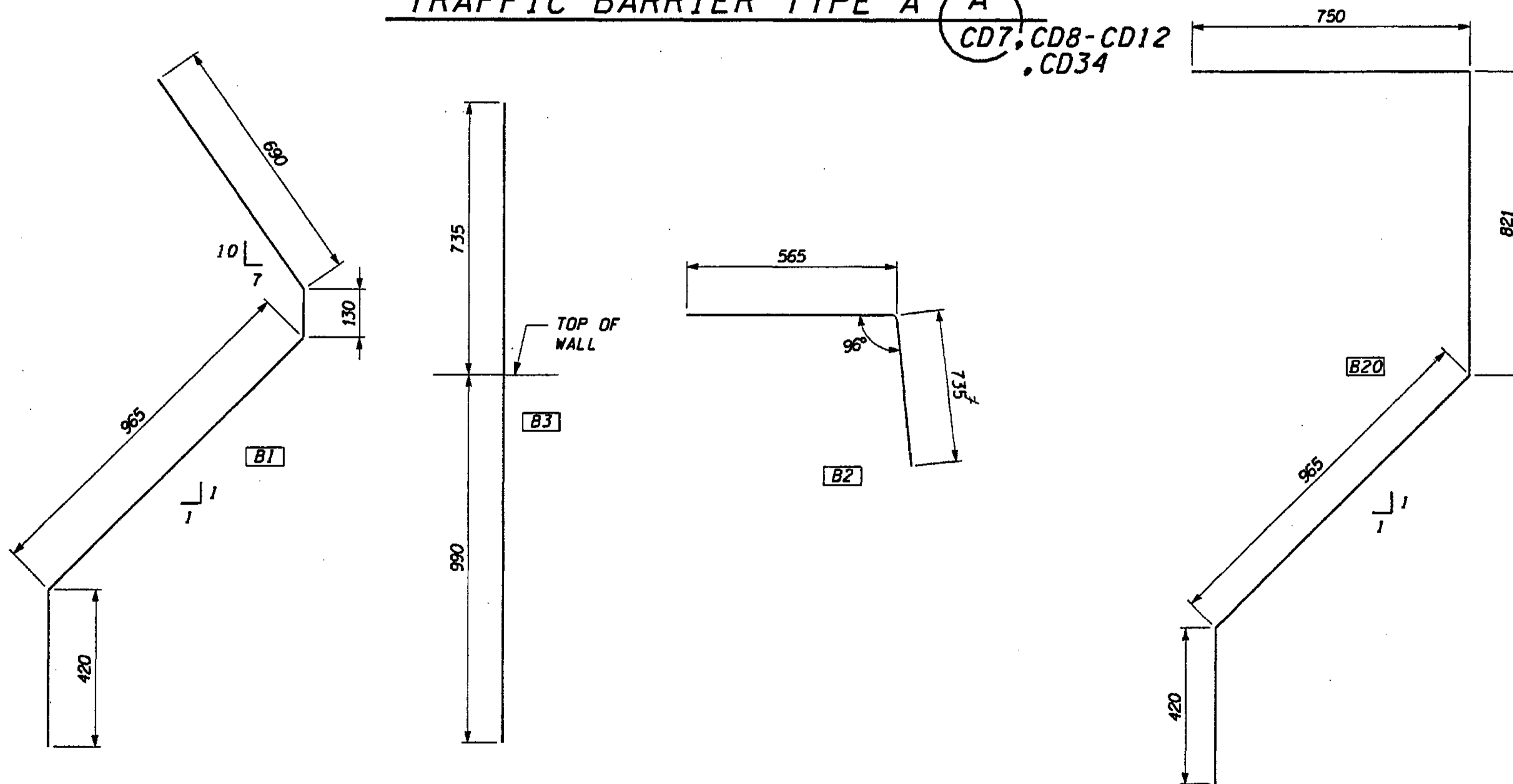
11/22/2002

DiemT



TRAFFIC BARRIER TYPE A **(A)**  
CD7, CD8-CD12, CD34

TRAFFIC BARRIER TYPE E **(B)**  
CD12, CD13-CD15



**NOTES:**

1. BARS ARE CONTINUOUS BETWEEN EXPANSION JOINTS.
2. IF BARS B1, B20 INTERFERE WITH THE RETAINING WALL FORM, IT SHALL BE FIELD BENT ONLY AT THE ANGLE POINT. THE BAR SHALL NOT BE TWISTED.
3. TOE HEIGHT FOR TRAFFIC BARRIER MAY VARY, 50mm TO 150mm MAX.
4. HEIGHT OF TRAFFIC BARRIER MAY VARY TO PROVIDE A PROFILE PLEASING TO THE EYE.
5. # DIMENSIONS NOT INTERSECTION.
6. LUMINAIRES AND LUMINAIRE MOUNTS NOT SHOWN. SEE NE 4th ST BRIDGE SHT. FOR DETAILS.
7. EXTEND CONDUIT THRU COLUMNS BEYOND.

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

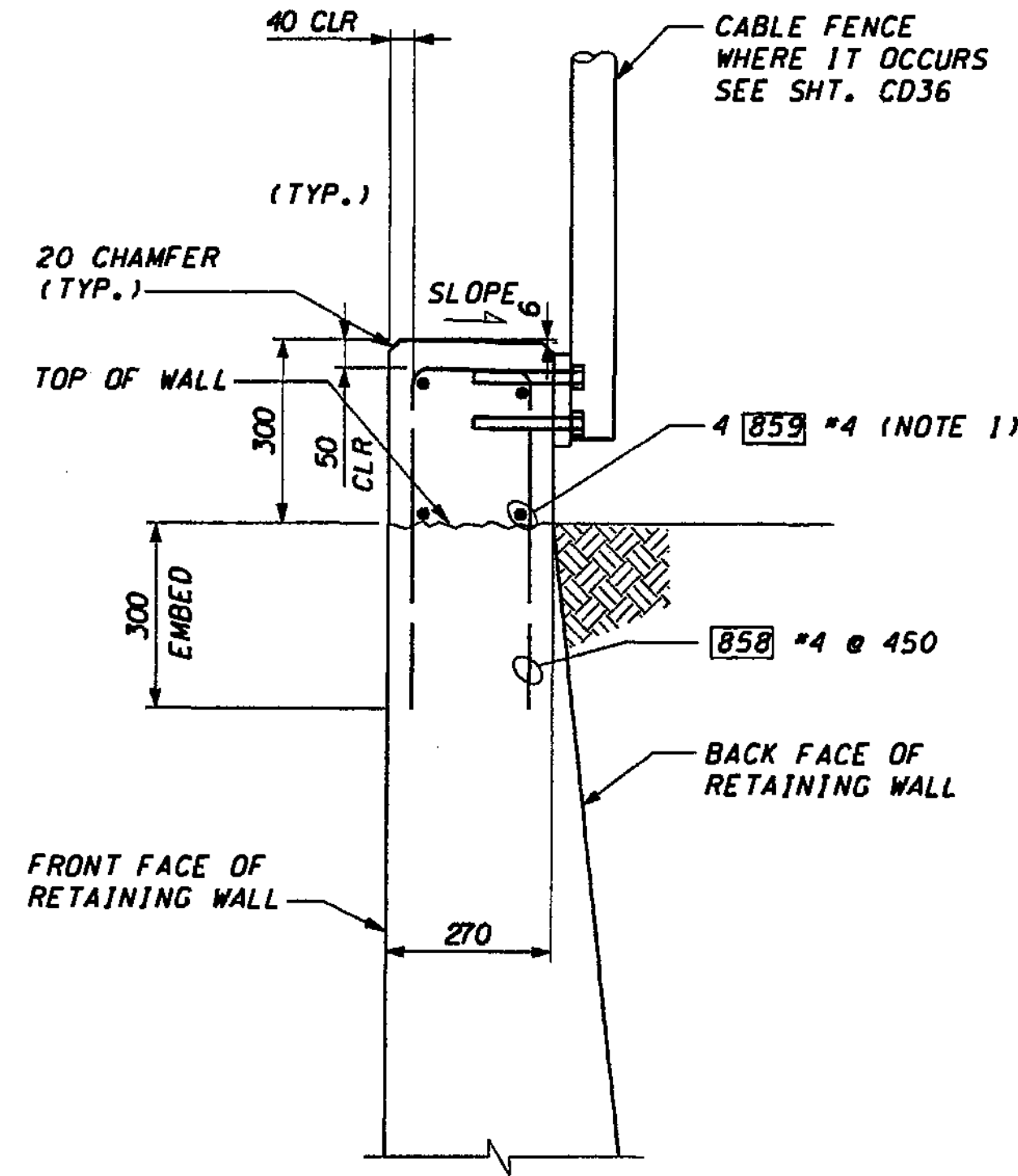
Engineering Inc. Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

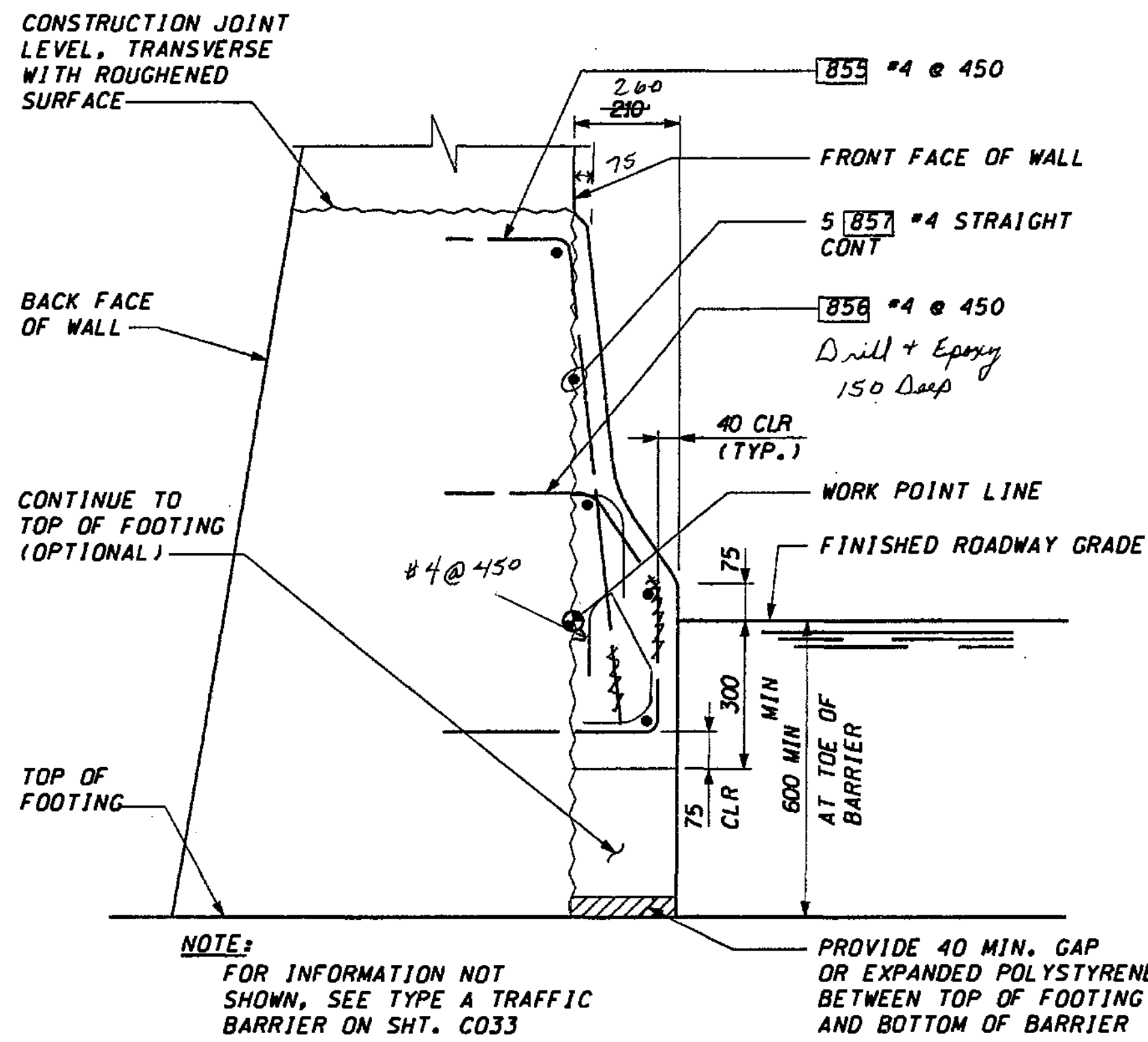
RETAINING WALL CDL 2  
BARRIER DETAILS

SHEET NO. CD33  
487 OF 1152 SHEETS

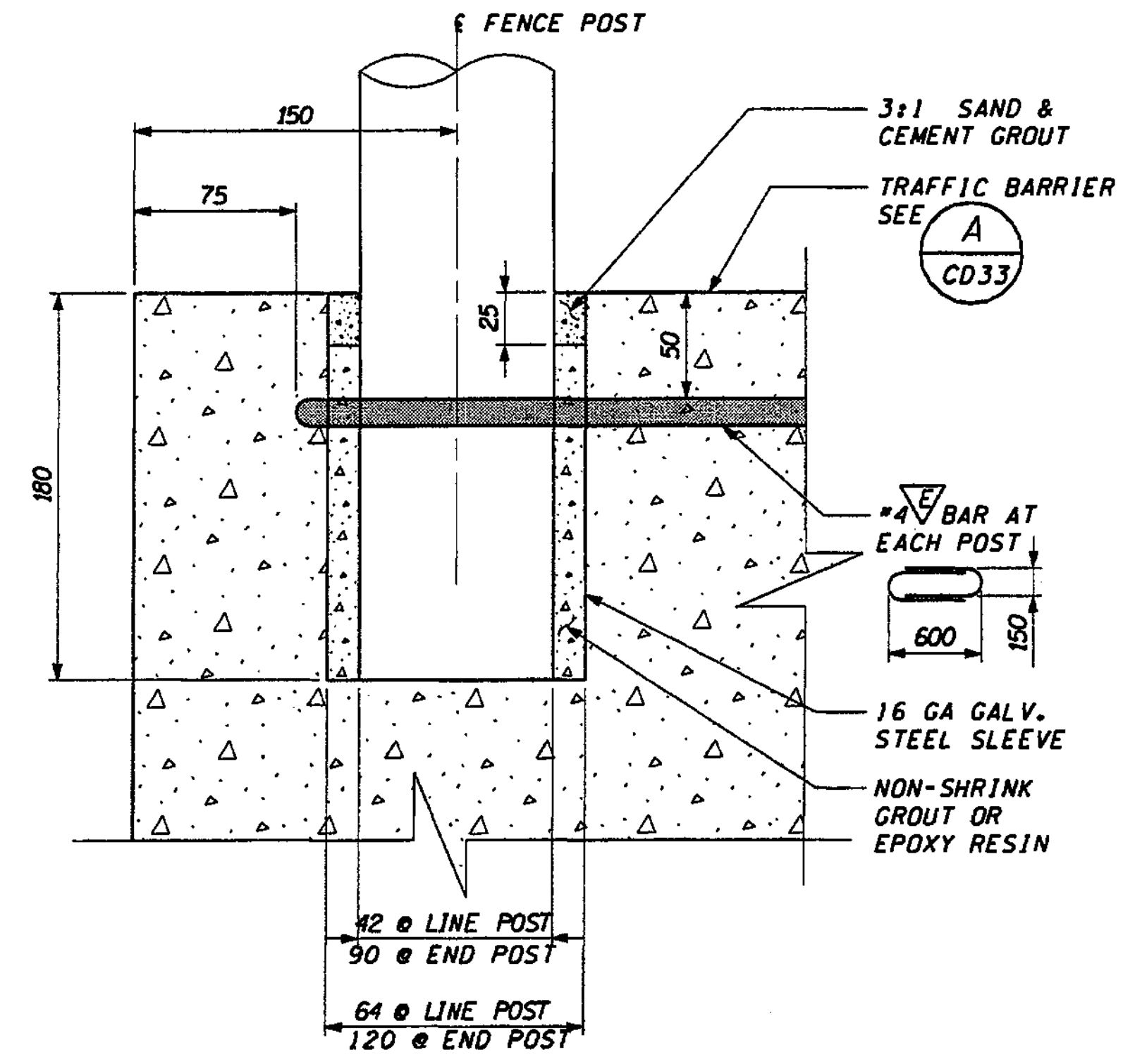




**CURB ON WALL** (A)  
CD17, CD18-CD23, CD27



**DETAIL @ CDL-LINE  
EDGE OF SHOULDER** (B)  
CD28



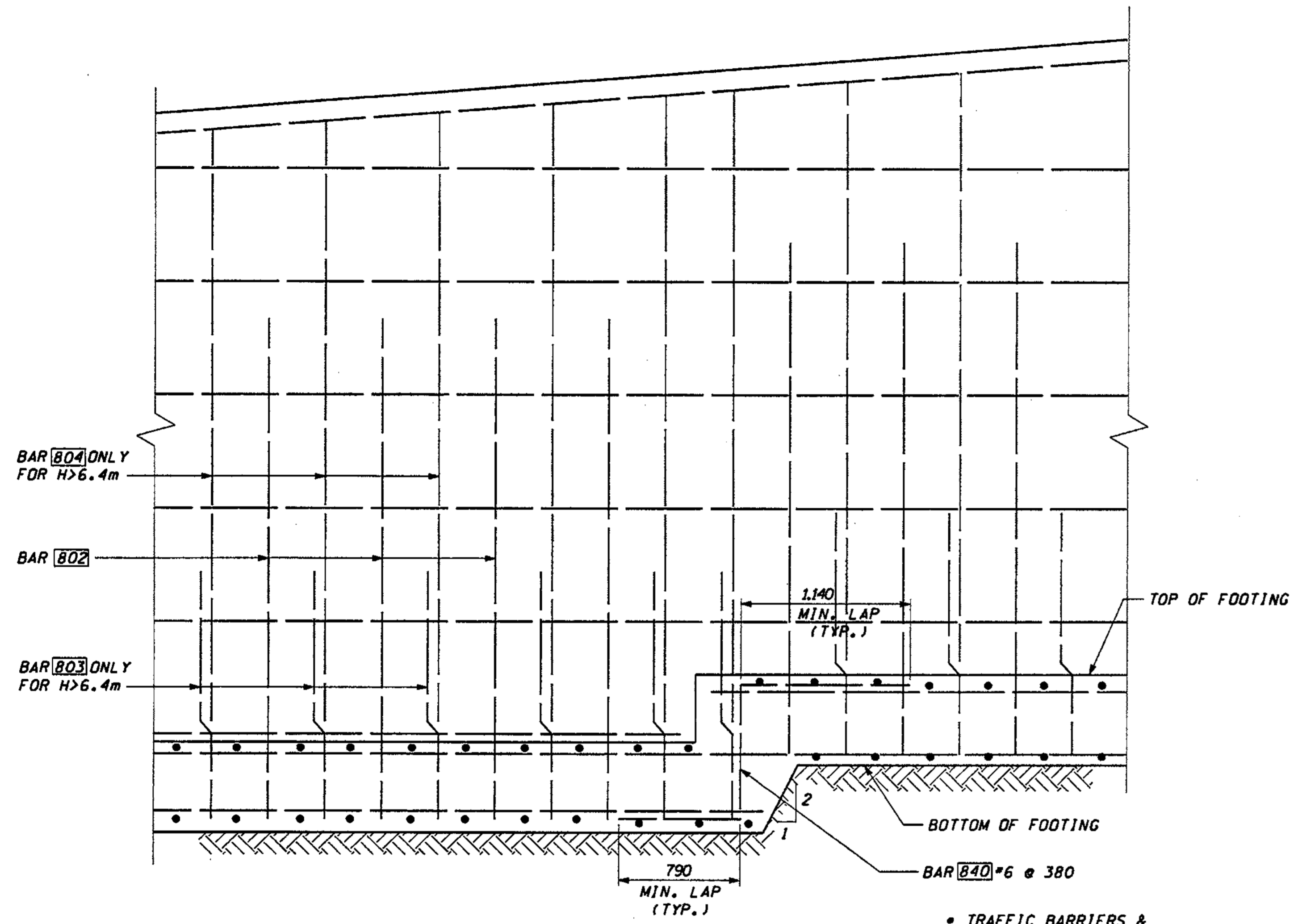
**CHAIN LINK FENCE TYPE 4  
BASE DETAIL** (C)  
CD7, CD8-CD15

FOR "AS CONSTRUCTED  
PLANS" ONLY

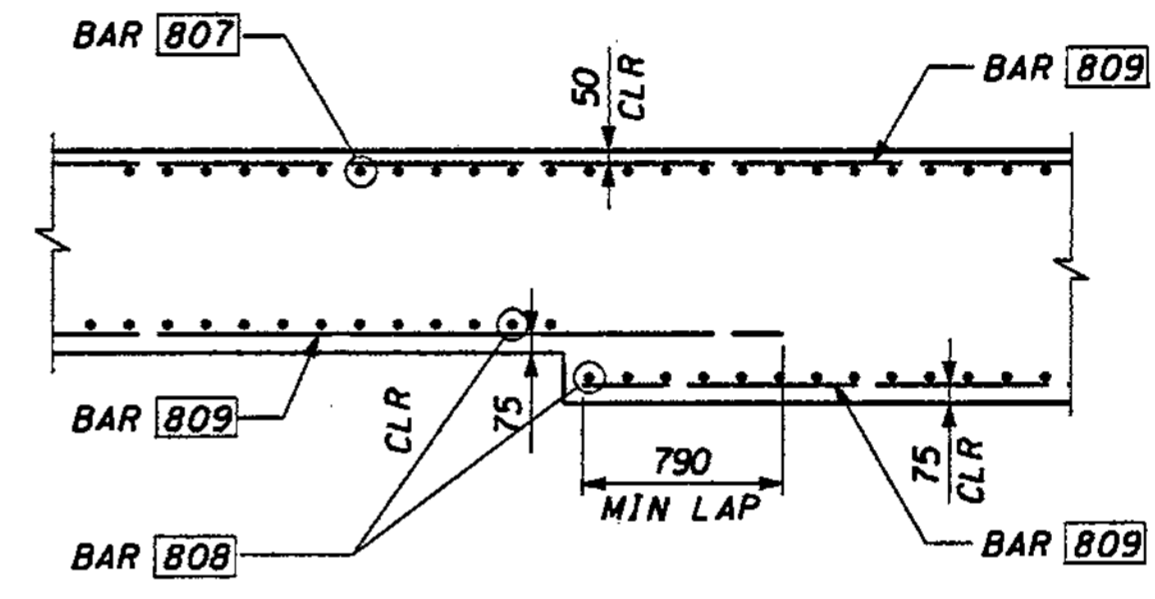
**NOTES:**

1. BARS ARE CONTINUOUS BETWEEN EXPANSION JOINTS.

DESIGNED BY G. NUTSON	12/02			REGION NO.	STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER		I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.	SHEET NO. CD34
ENTERED BY H. TRAN	12/02		10	WASH							
CHECKED BY I. HASAYEN	12/02		JOB NUMBER								
PROJ. ENGR. D. CIERI	12/02		02A012								
REGIONAL ADM. D. DYE	12/02		CONTRACT NO.								
DATE	DATE	REVISION	BY								SHEET 488 OF 1152 SHEETS



**ELEVATION @ FOOTING STEP 1**  
USE WITH TABLE ON SHT. CD28



**ELEVATION @ CHANGE IN FOOTING THICKNESS 2**  
USE WITH TABLE ON SHT. CD28

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY G. NUTSON	12/02			REGION NO.	STATE	FED. AID PROJ. NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER Washington State Department of Transportation HDR kpf ENGINEERING CONSULTING ENGINEERS	I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST. RETAINING WALL CDL 2 FOOTING STEP	SHEET NO.	CD35
ENTERED BY H. TRAN	12/02		10	WASH		JOB NUMBER				489	
CHECKED BY I. HASAYEN	12/02					02A012				1152	
PROJ. ENGR. D. CIERI	12/02					CONTRACT NO.					
REGIONAL ADM. D. DYE	12/02										
	DATE	DATE	REVISION	BY							

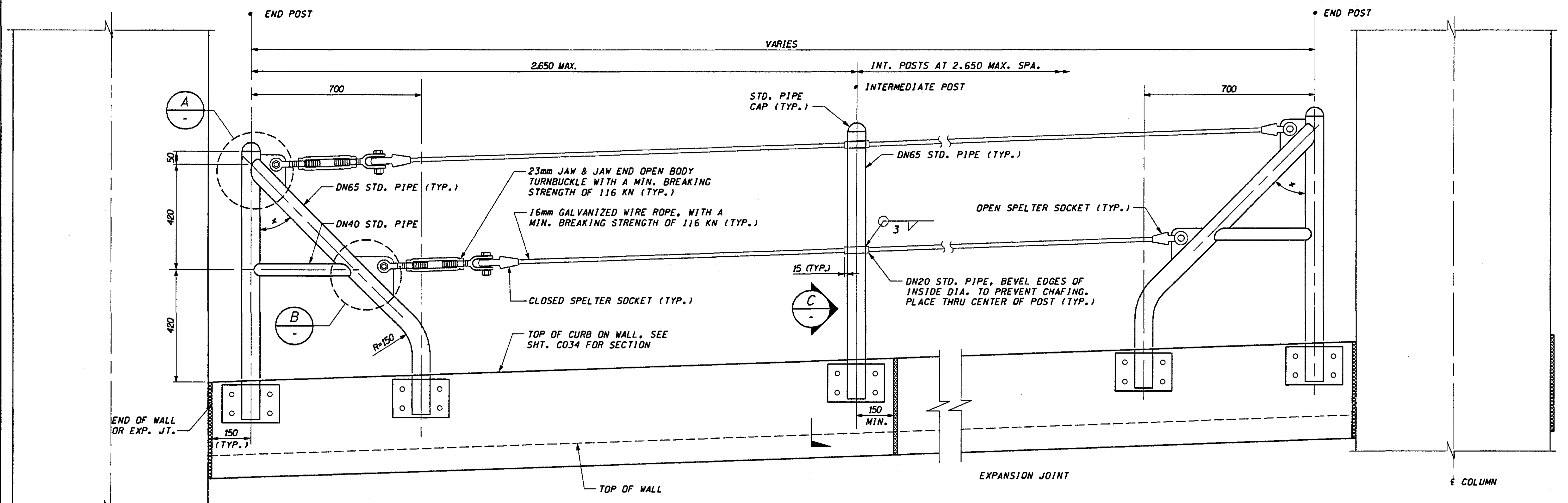


c:\pwttemp\dms00355\cd036\_c2.dgn

PL014

11/20/2002 01:51:32 PM

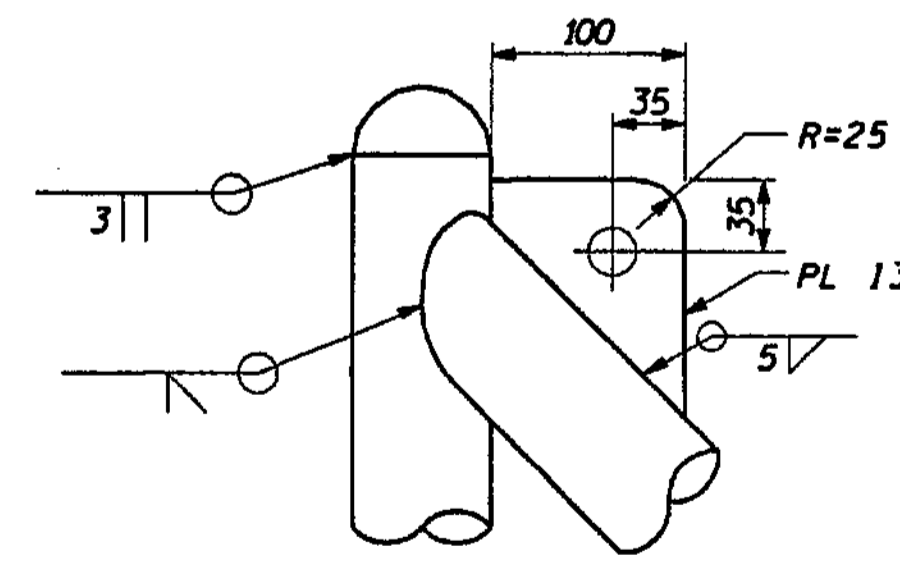
diemt



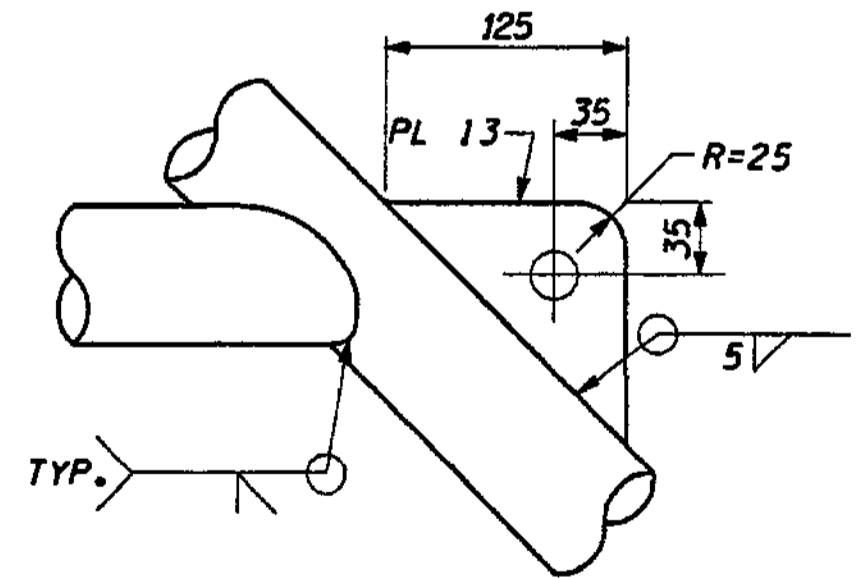
### ELEVATION - CABLE FENCE

NOTE: ALL POSTS TO BE INSTALLED VERTICAL.

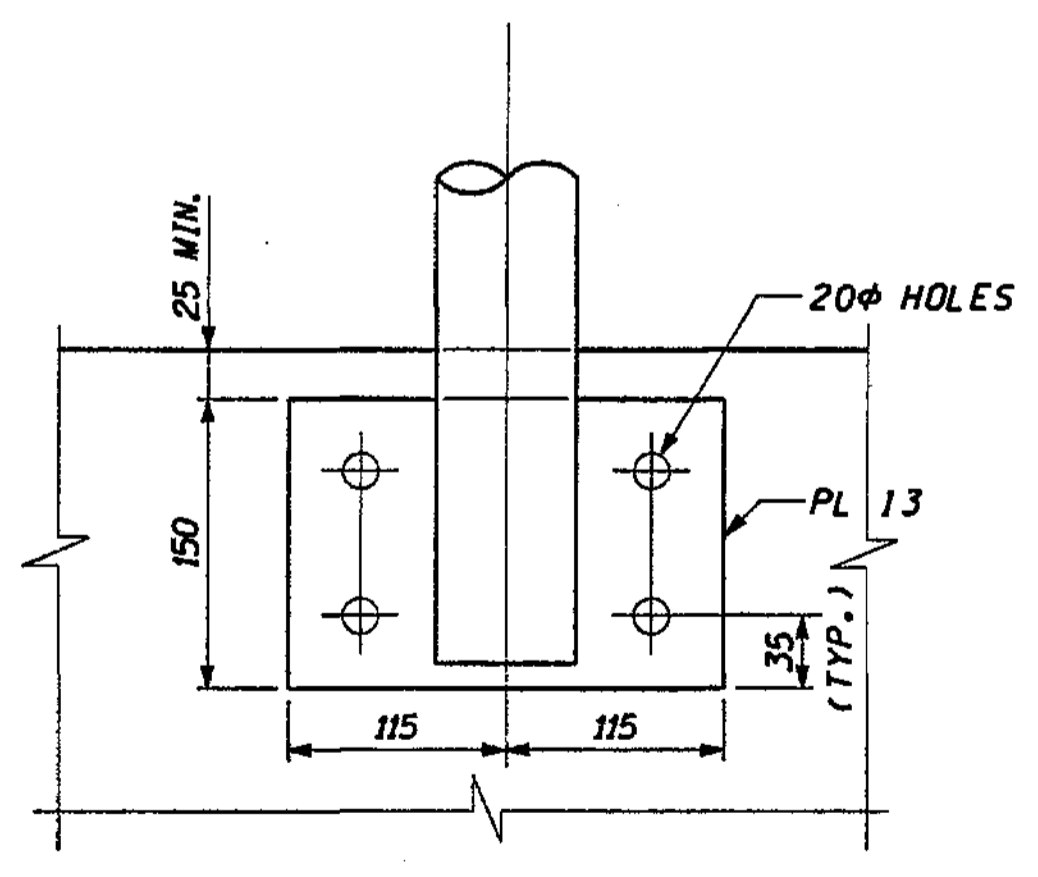
• ANGLES VARY (45 APPROX.) WITH THE SLOPE OF THE TOP OF WALL.



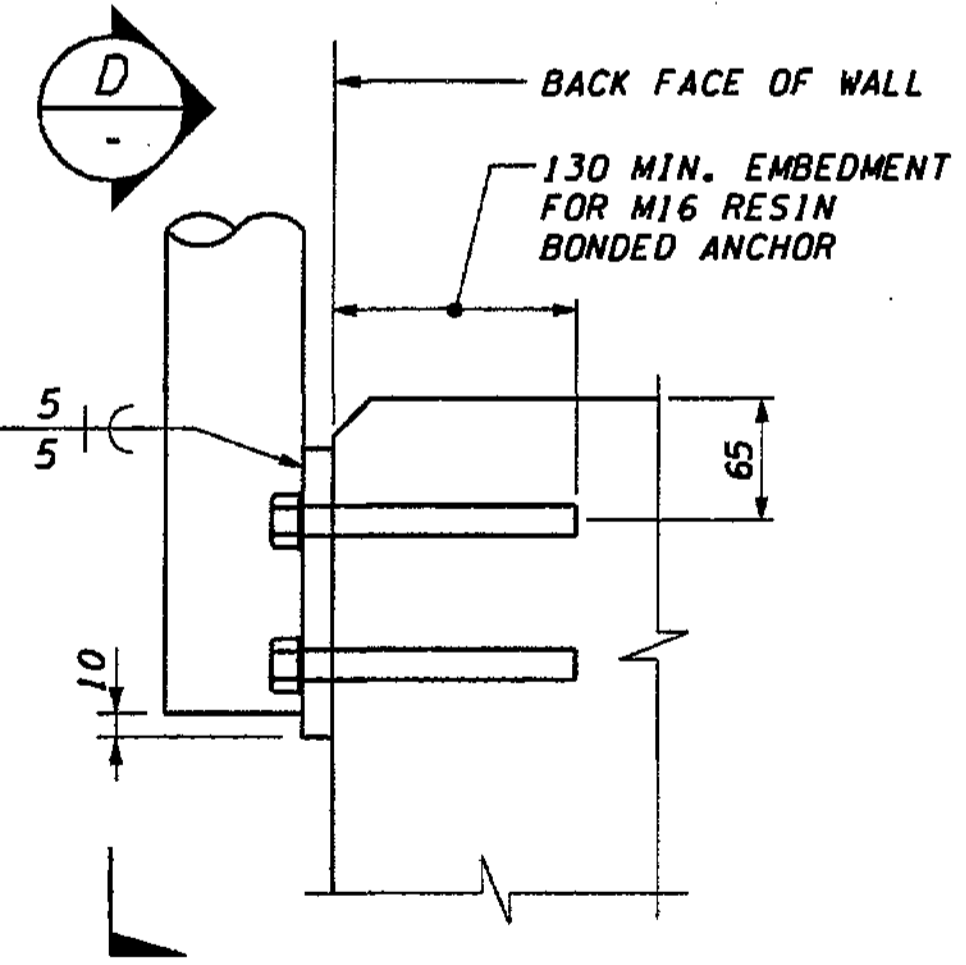
DETAIL A



DETAIL B



VIEW D



SECTION C

FOR "AS CONSTRUCTED PLANS" ONLY

#### NOTES:

1. ALL PIPE SHALL BE STEEL PIPE ASTM A53 GRADE B.
2. ALL STEEL PLATE SHALL BE ASTM A 36M.
3. ALL PARTS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AASHTO M111 OR M232 AFTER FABRICATION.
4. SPELTER SOCKETS AND SOCKETING PROCEDURE SHALL BE AS PER ROPE MANUFACTURER.
5. WIRE ROPE SHALL BE INSTALLED TO 1.8 KN TENSION LEAVING 150mm OF TAKE UP STILL AVAILABLE IN THE TURNBUCKLE.
6. EACH CONTINUOUS LENGTH OF CABLE SHALL HAVE A TURNBUCKLE AT ONE END ONLY AND BE ANCHORED TO END POST WITH BRACE AT BOTH ENDS.
7. CENTER SUPPORT NOT TO BE INSTALLED ACROSS EXPANSION JOINT.

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

**WASHINGTON STATE**

Professional Engineer  
I. HASAYEN  
26933  
4/22/02  
EXPIRES 2/9/04

Washington State Department of Transportation

**HR kpff**  
ENGINEERING INC. Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL 2  
CABLE FENCE

SHEET NO  
CD36

SHEET  
490  
OF  
1152  
SHEETS

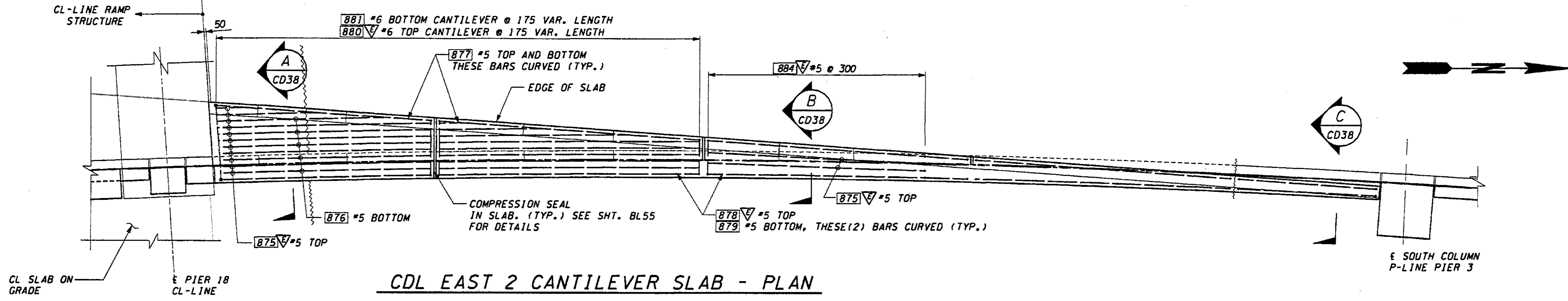
c:\pwt\temp\dms00355\c037\_c2.dgn

PLOT4

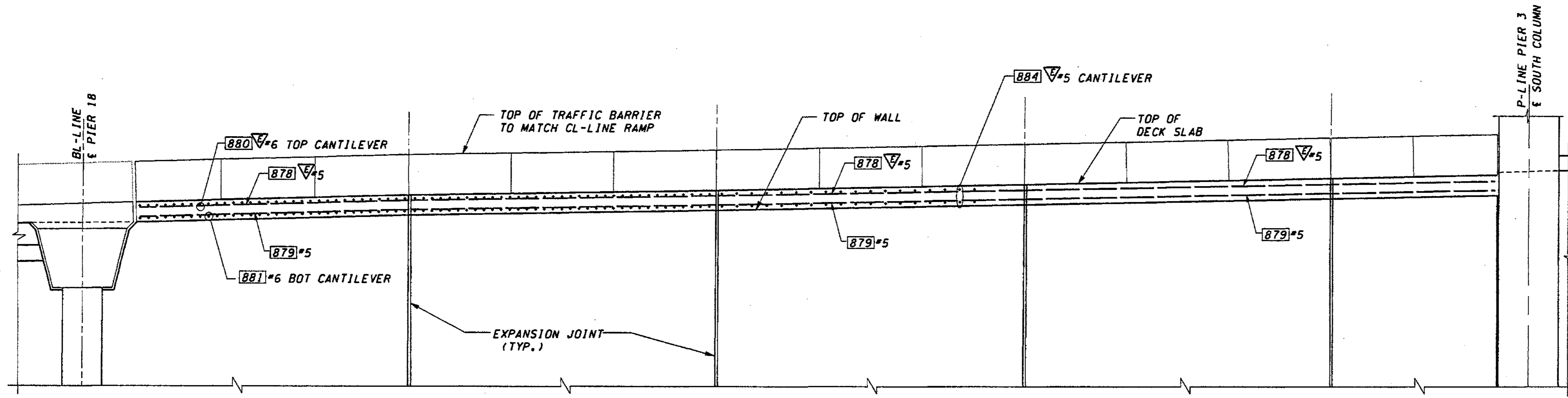
01:51:36 PM

11/20/2002

dient



**CDL EAST 2 CANTILEVER SLAB - PLAN**



**CDL EAST 2 CANTILEVER SLAB - ELEVATION**

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	G. NUTSON	12/02			
ENTERED BY	H. TRAN	12/02			
CHECKED BY	I. HASAYEN	12/02			
PROJ. ENGR.	D. CIERI	12/02			
REGIONAL ADM.	D. DYE	12/02			
	DATE	DATE	REVISION	BY	

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

REGION NO. 10 STATE WASH. FED. AID PROJ. NO.

JOB NUMBER 02A012 CONTRACT NO.

Professional Engineer Seal: IZAY H. HASAYEN, STATE OF WASHINGTON, 26931, REGISTERED PROFESSIONAL ENGINEER, 11/22/02, EXPIRES 2/3/04

Washington State Department of Transportation

HDR kpf ENGINEERING INC. Consulting Engineers

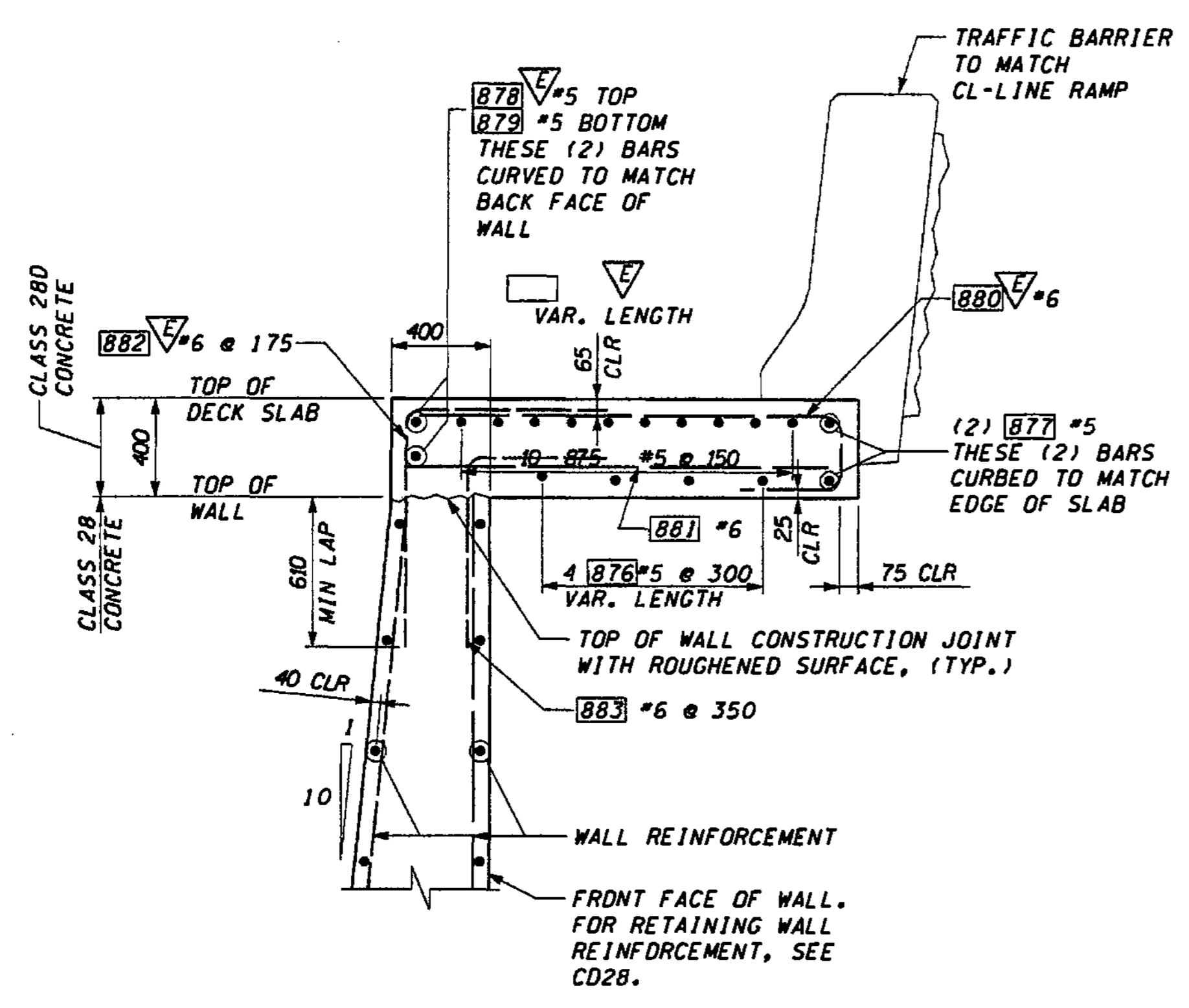
I 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2 DECK CANTILEVER

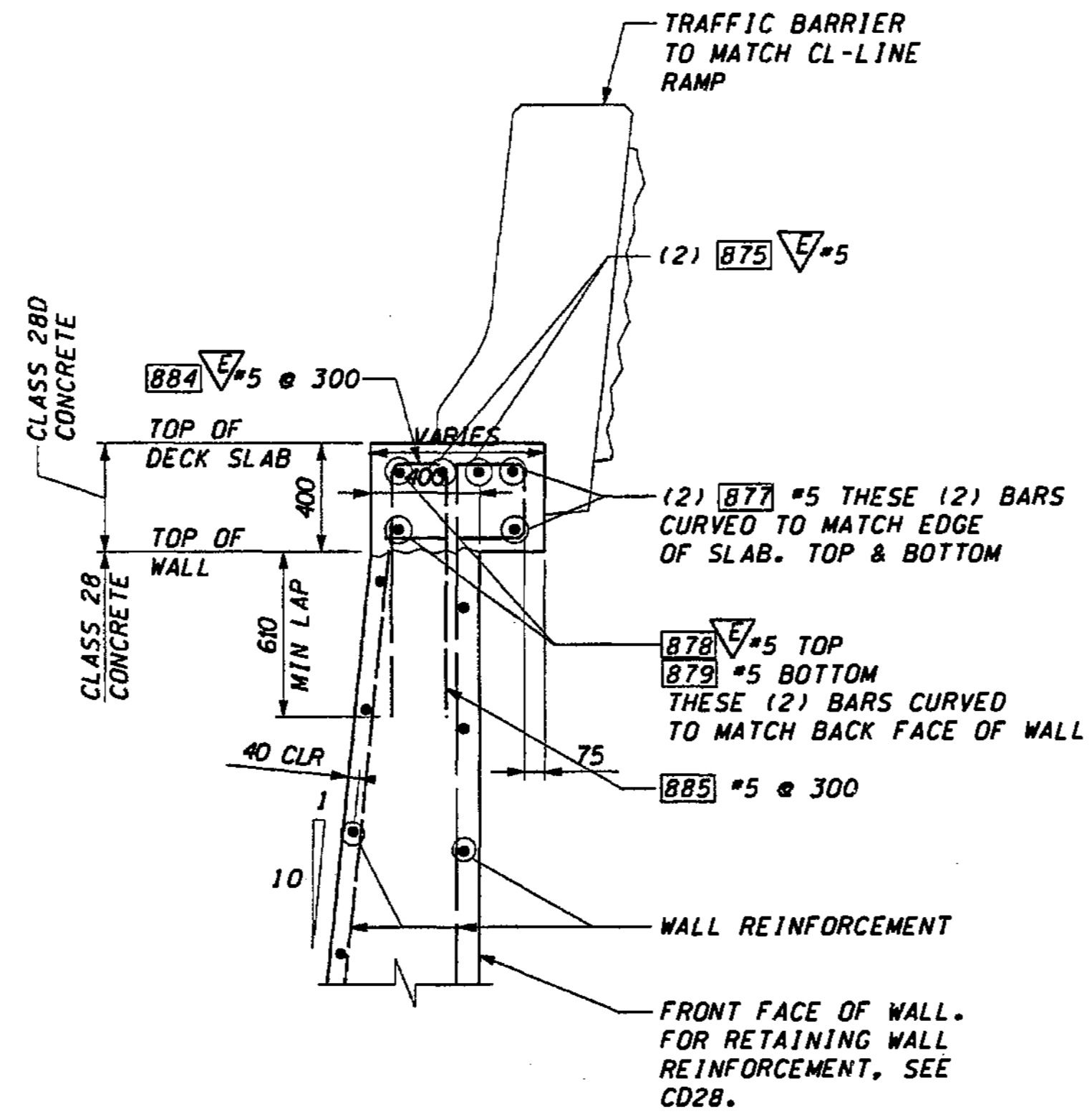
SHEET NO. CD37

SHEET 491 OF 1152 SHEETS

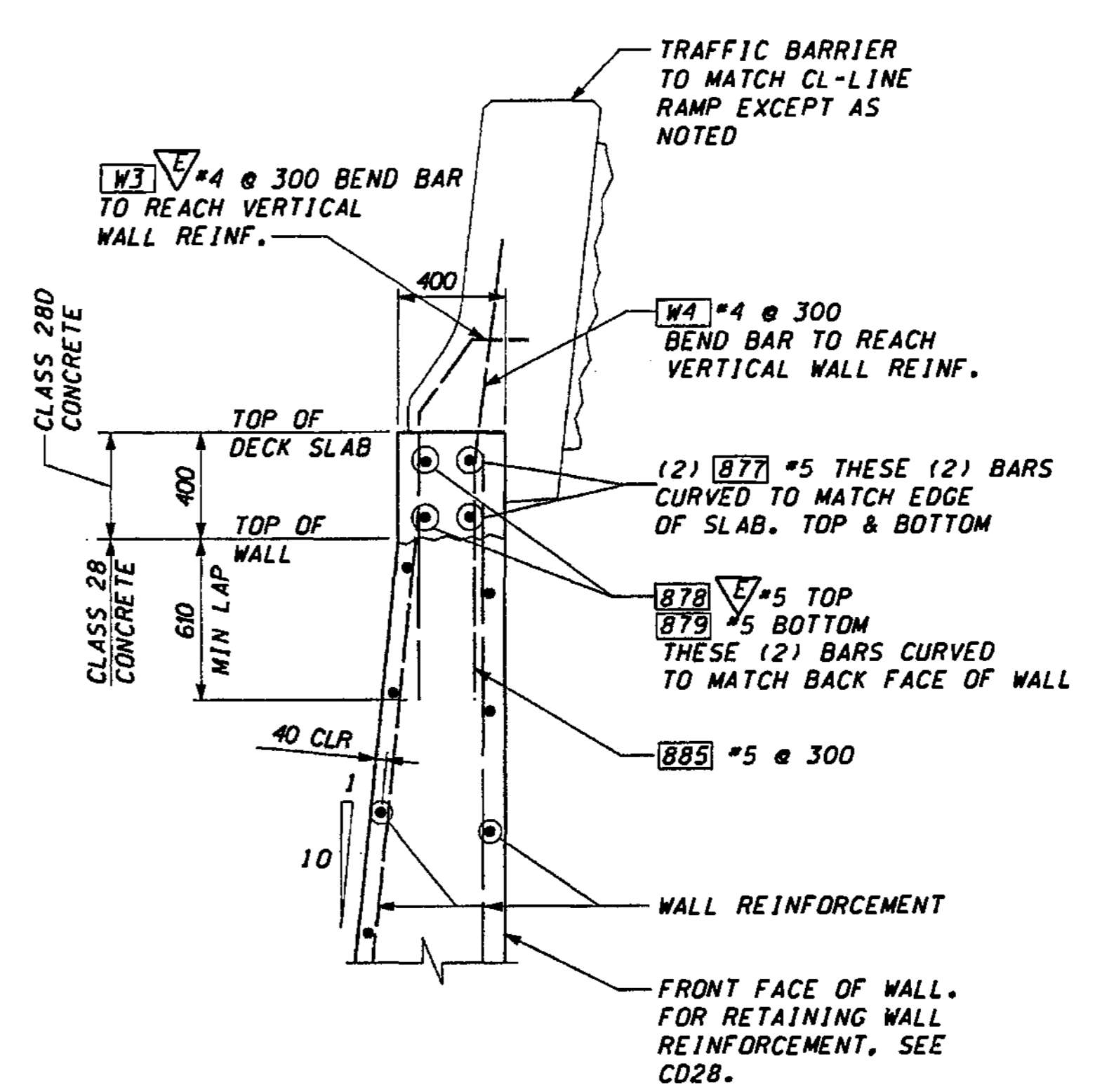




**SECTION A**  
LOOKING BACK ON STATION CD37, CD25



**SECTION B**  
LOOKING BACK ON STATION CD37, CD26



**SECTION C**  
LOOKING BACK ON STATION CD37, CD27

JUNCTION BOX LOCATIONS	
CDL WEST 2	
STATION: CDL1-LINE	TYPE
1+350.00	LT
1+352.40	SPARE
1+387.00	LT
1+389.40	SPARE
1+437.00	SPARE
1+439.40	SPARE
1+492.00	SPARE
1+494.40	SPARE
1+543.00	SPARE
1+545.40	LT
1+580.00	SPARE
1+582.40	LT
1+594.00	LT
1+596.40	SPARE

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	DATE	REVISION	BY
A. STREUFERT	12/02		
H. TRAN	12/02		
I. HASAYEN	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

11/22/02

Washington State Department of Transportation

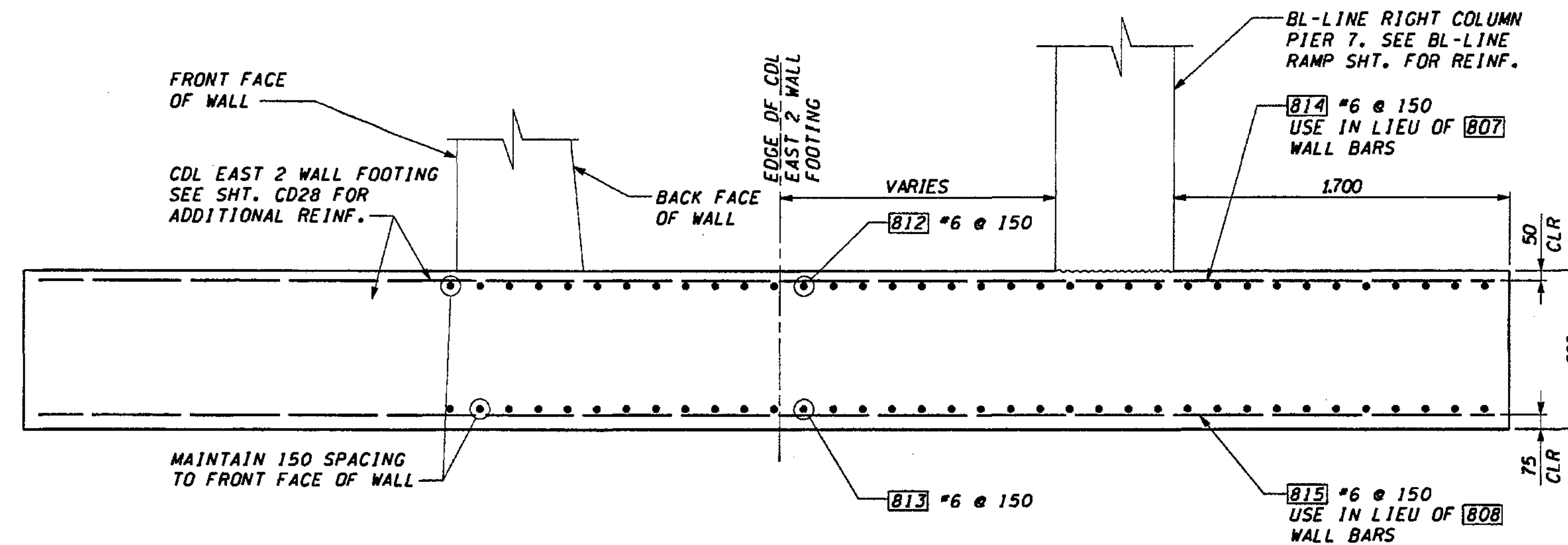
HDR Engineering Inc. kptf Consulting Engineers

1 405 BELLEVUE DIRECT ACCESS NE 4th ST./NE 6th ST.

RETAINING WALL CDL2 DECK CANTILEVER DETAILS

SHEET NO. CD38

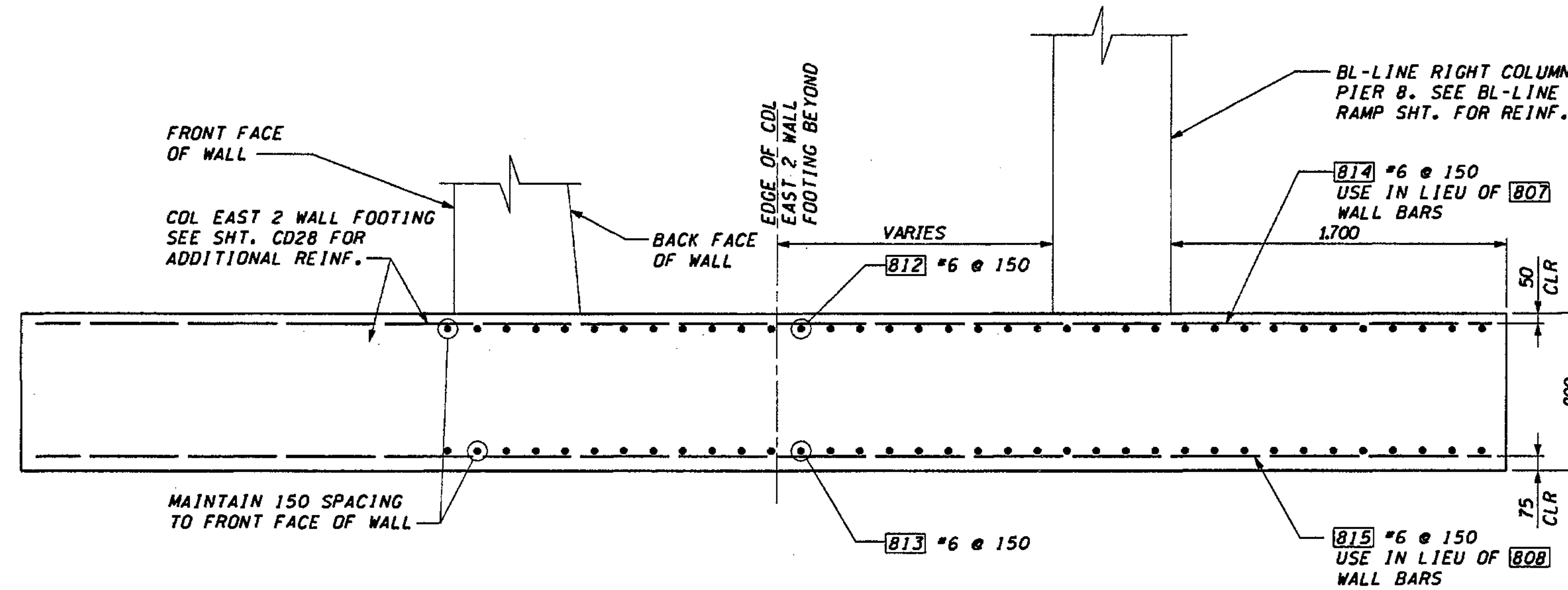
SHEETS 492 OF 1152



WALL FOOTING @ BL-LINE PIER 7 - ELEVATION **A**  
CD18

**NOTES:**

1. USE WITH TABLES ON SHEET CD28.



WALL FOOTING @ BL-LINE PIER 8 - ELEVATION **B**  
CD18

FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	D. McMULLEN	12/02		
ENTERED BY	H. TRAN	12/02		
CHECKED BY	I. HASAYEN	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

EXPRES 2/3/04

Washington State Department of Transportation

ENGINEERING INC. Consulting Engineers

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST./NE 6th ST.

RETAINING WALL CDL EAST 2  
FOOTING DETAILS AT BL PIERS 7 & 8

SHEET NO.  
CD39

SHEET  
493  
OF  
152  
SHEETS



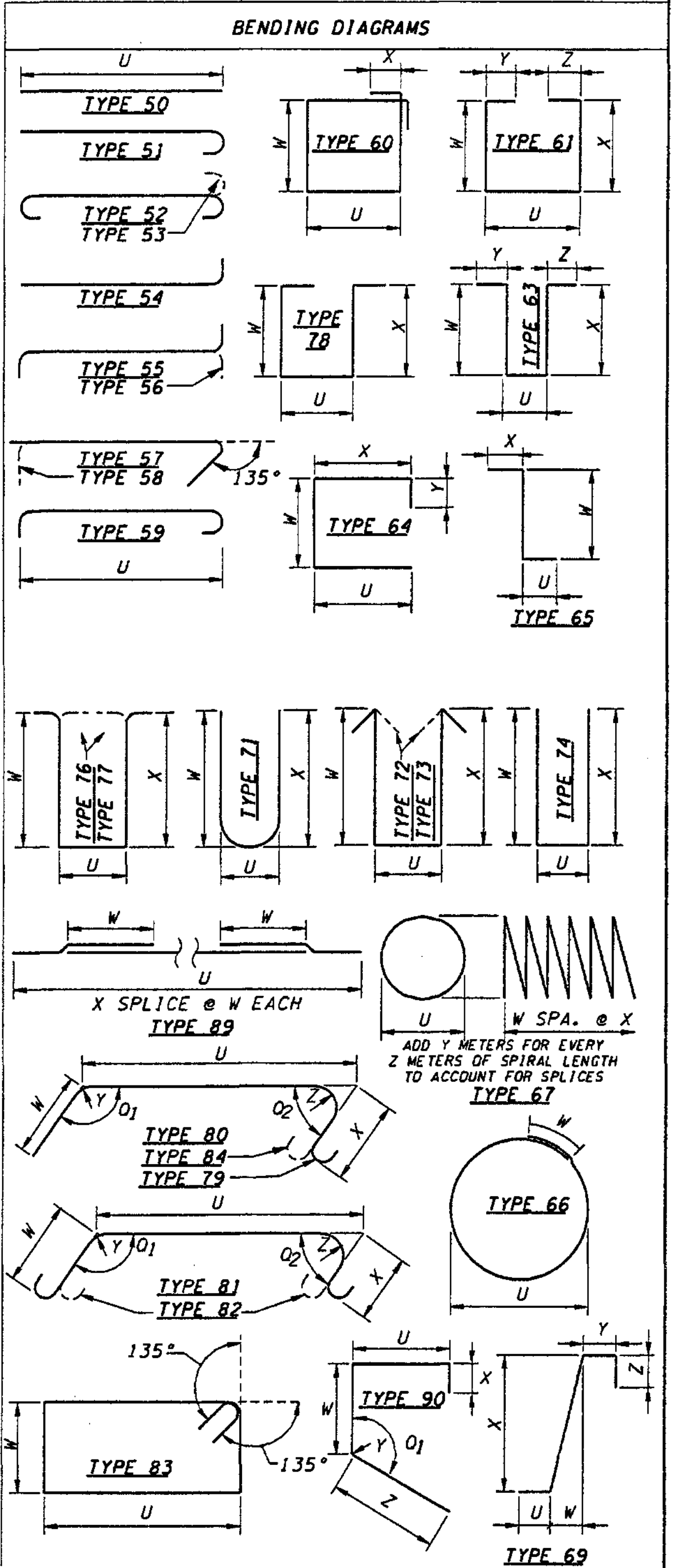
c:\pwttemp\dms00355\cd040\_c2.dgn  
 PLOT4  
 11/20/2002 01:51:45 PM  
 diemt

S = Bar is included in substructure quantities.  
 F = Bar to be field welded.  
 T = Tie or Stirrup.  
 E = Bar is to be epoxy coated.  
 V = Bar dimensions vary between dimensions shown on this line and the following line.

S = Bar is included in substructure quantities.  
 F = Bar to be field welded.  
 T = Tie or Stirrup.  
 E = Bar is to be epoxy coated.  
 V = Bar dimensions vary between dimensions shown on this line and the following line.

MARK NO.	LOCATION	SIZE	NUMBER REIN'D	BEND TYPE	TIE OR STIRRUP	FLD. WELD	SUBSTR.	EPOXY COAT	VARIES	DIMENSIONS (Out to Out)						LENGTH	WEIGHT
										U	W	X	Y	Z	∅1		
<b>WEST WALL</b>																	
840	AT FOOTING STEP	6	61	65	S										3.21	437	
841	TOP BAR AT CL CROSSBEAM	4	16	80	S	V									1.40	22	
842	BOTTOM BAR AT CL CROSSBEAM	4	16	74	S										1.00	16	
855	TOP BENT BAR IN B/CD34	4	542	80	S							97			1.23	663	
856	BOTTOM BAR IN B/CD34	4	542	50	S										1.22	657	
857	LONGITUDINAL BARS IN B/CD34	4	150	50	S										8.12	1,211	
<b>EAST WALL</b>																	
812	BL 7&8 FTG., LONG. TOP	6	66	50	S										3.92	578	
813	BL 7&8 FTG., LONG. BOT.	6	66	50	S										3.92	578	
814	BL 7&8 FTG., TRANS. TOP	6	53	50	S	V									7.670	680	
815	BL 7&8 FTG., TRANS. BOT.	6	53	50	S	V									7.670	680	
840	AT FOOTING STEP	6	72	65	S										3.21	516	
841	TOP BAR AT CL CROSSBEAM	4	10	80	S	V									1.40	14	
842	BOTTOM BAR AT CL CROSSBEAM	4	10	80	S										2.00	20	
855	TOP BENT BAR IN B/CD34	4	712	80	S							97			1.23	870	
856	BOTTOM BAR IN B/CD34	4	712	50	S										1.22	863	
857	LONGITUDINAL BARS IN B/CD34	4	200	50	S										8.12	1,614	
858	BENT BAR IN CURB	4	520	74	S										1.27	654	
859	LONGITUDINAL BARS IN CURB	4	160	50	S										8.12	1,291	
871	BENT BAR IN CORBEL	5	163	90	S										0.579	677	
872	(6) LONGITUDINAL BARS @ CORBEL	4	18	50	S										8.120	145	
873	(2) HORIZONTAL BARS @ CORBEL	4	82	56	S										0.582	81	
874	VERT. BARS AT CORBEL	5	163	50	S										7.800	1,973	
875	CANT.SLAB, TOP REINF. LONG	5	12	50	S										5.220	97	
875		5	6	50	E										6.120	57	
876	CANT.SLAB, BOT REIN. LONG	5	4	50	S										5.220	32	
876		5	3	50	S										6.120	28	
877	CANT.SLAB, T&B, AT SLAB EDGE	5	2	50	S										5.320	17	
877		5	6	50	S										6.120	57	
877		5	2	50	S										3.220	10	
878	CANT.SLAB, TOP, AT BACK WALL FACE	5	1	50	S										5.220	8	
878		5	3	50	E										6.120	28	
878		5	1	50	E										3.200	5	
879	CANT.SLAB, BOT, AT BACK WALL FACE	5	1	50	S										5.220	8	
879		5	3	50	S										6.120	28	
879		5	1	50	S										3.200	5	

MARK NO.	LOCATION	SIZE	NUMBER REIN'D	BEND TYPE	TIE OR STIRRUP	FLD. WELD	SUBSTR.	EPOXY COAT	VARIES	DIMENSIONS (Out to Out)						LENGTH	WEIGHT
										U	W	X	Y	Z	∅1		
880	TOP CANT. BAR @ LARGE OVERHANG	6	65	74	S										0.291	268	
881	BOT CANT. BAR @ LARGE OVERHANG	6	65	50	S										1.845	195	
882	TOP CORNER BAR @ LRG. OVERHANG	6	65	74	S										0.725	258	
883	BOT CORNER BAR @ LRG. OVERHANG	6	65	74	S										0.760	216	
884	CANTILEVER @ SMALL OVERHANG	5	18	64	S										1.100	56	
885	VERT. @ FRONT OF WALL, SML. OVERHANG	5	18	50	S										1.100	31	

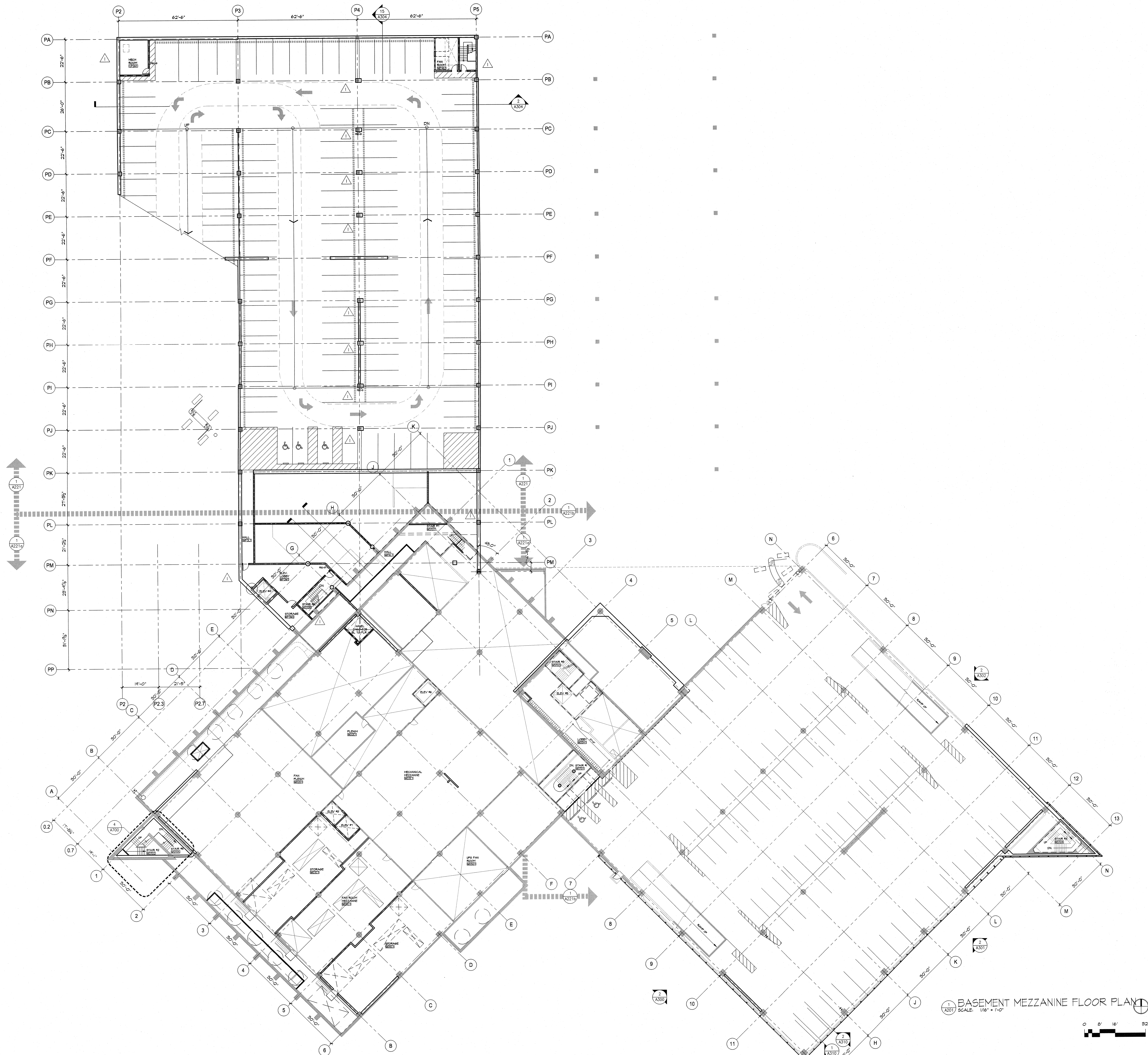


- NOTES:**
- ALL REINFORCING BARS ON THIS SHEET SHALL BE AASHTO M-31 UNLESS SHOWN OTHERWISE.
  - REINFORCING FOR TRAFFIC BARRIERS AND GIRDERS NOT SHOWN IN THIS BAR LIST. SEE TRAFFIC BARRIER SHT. AND GIRDER SHT.
  - BEND FOR TRANSVERSE BARS DUE TO ROADWAY CROWN CONDITIONS HAVE NOT BEEN SHOWN. THESE BARS SHALL BE BENT AS REQUIRED TO CONFORM TO THE CONFIGURATION OF THE STRUCTURE.
  - NUMBER AND LENGTH OF BARS TO BE DETERMINED BY THE CONTRACTOR FROM PLANS.

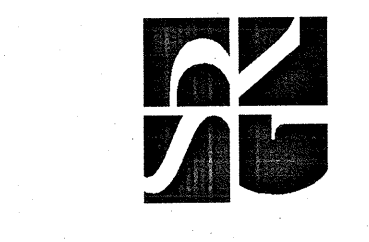
**FOR "AS CONSTRUCTED PLANS" ONLY**

DESIGNED BY A. STREUFERT 12/02	REGION NO. 10	STATE WASH	FED. AID PROJ. NO.		<b>ENVIRONMENTAL AND ENGINEERING SERVICE CENTER</b>		<b>I 405</b> BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. <b>CD40</b>
ENTERED BY H. TRAN 12/02	JOB NUMBER 02A012	CONTRACT NO.						
CHECKED BY I. HASAYEN 12/02	DATE	DATE	REVISION	BY	<b>RETAINING WALL CDL 2 BAR LIST</b>			





1 A201 BASEMENT MEZZANINE FLOOR PLAN  
SCALE: 1/8" = 1'-0"



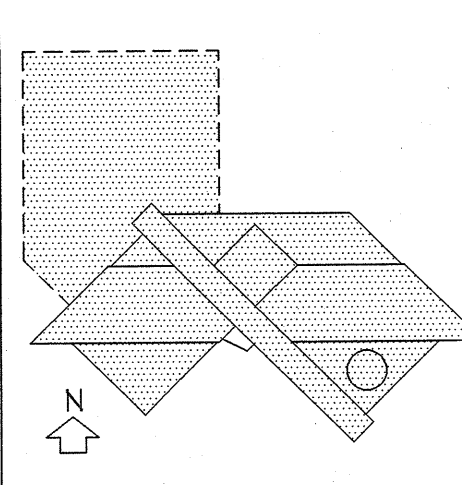
ARCHITECTURE PLANNING INTERIORS  
101 Vesler Way, Suite 200  
Seattle, Washington 98104  
T: 206.973.1700 F: 206.973.1701  
SRG PARTNERSHIP INC

NOTE:  
THIS DRAWING HAS ALTERED  
SUBSTANTIALLY IN ASI #5  
TO INCORPORATE THE SCOPE  
OF THE INTERIOR TENANT  
IMPROVEMENTS.

Revisions (Continued)

3148 REGISTERED ARCHITECT  
DENNIS C. FORSYTH  
STATE OF WASHINGTON

BELLEVUE CITY HALL  
Construction Documents



Construction Documents

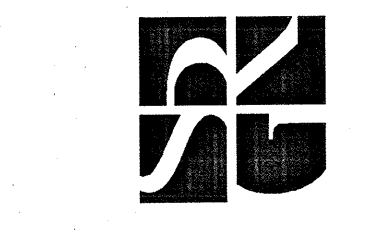
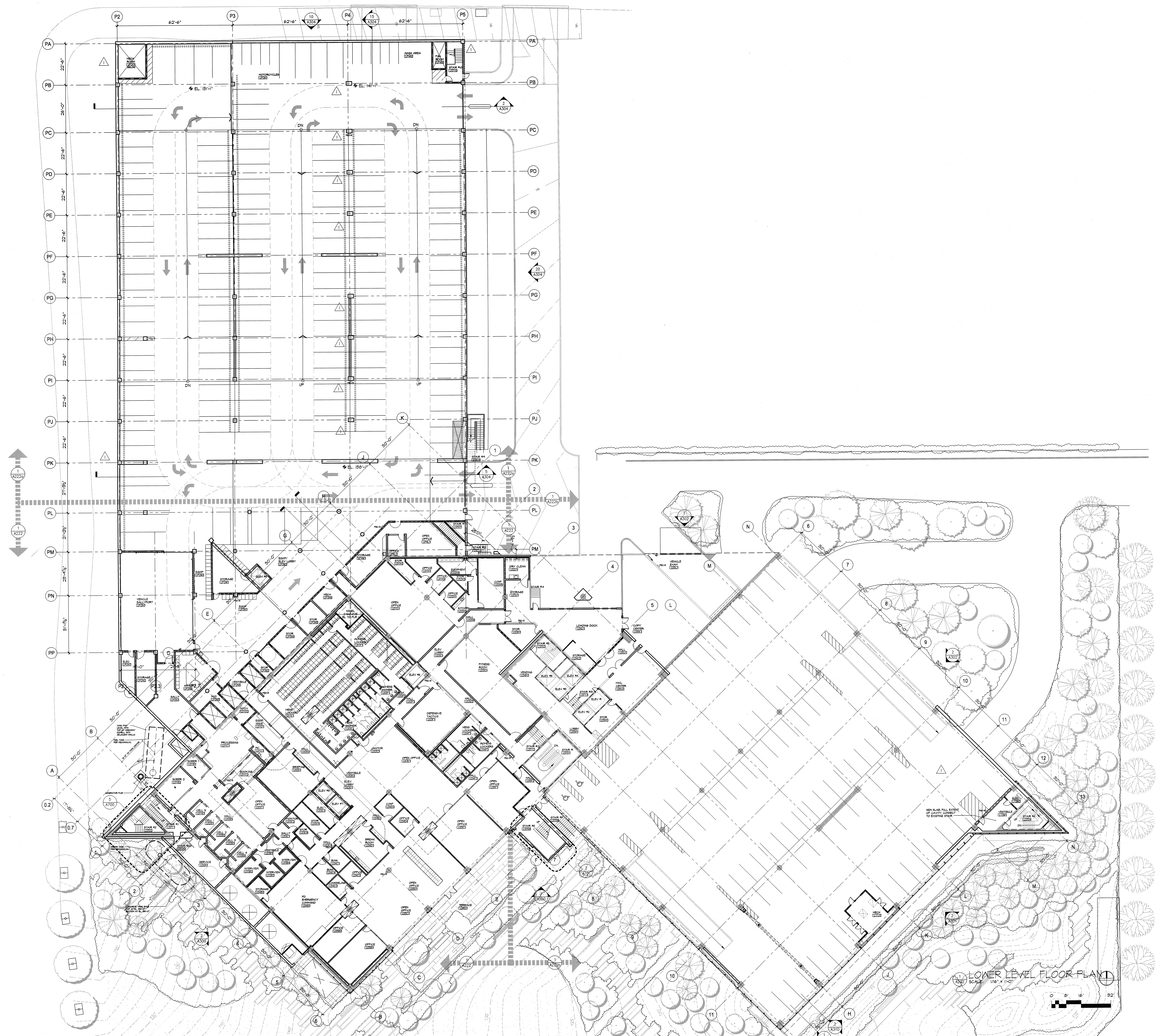
Drawing Title  
FLOOR PLAN  
BASEMENT  
MEZZANINE LEVEL / P3

Revisions  
0 ASI #1 7/1/04  
1 ASI #4 7/2/04  
2 ASI #15 10/1/04

Drawn by  
SRG  
Checked by  
DAT  
Date  
July 1, 2004  
Project No  
2314S  
Consultant Project No  
Owner Project No  
Drawing No

A201





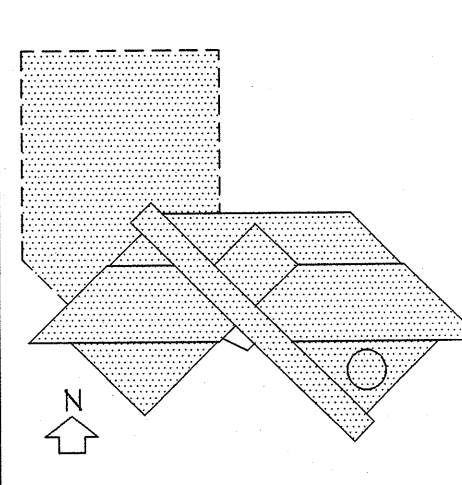
ARCHITECTURE PLANNING INTERIORS  
 101 Yecker Way, Suite 200  
 Seattle, Washington 98104  
 T: 206.973.1700 F: 206.973.1701  
**SRG PARTNERSHIP INC**

NOTE:  
 THIS DRAWING HAS ALTERED  
 SUBSTANTIALLY IN ASI #5  
 TO INCORPORATE THE SCOPE  
 OF THE INTERIOR TENANT  
 IMPROVEMENTS.

Revisions (Continued)

3148 REGISTERED  
 ARCHITECT  
 DENNIS C. FORSYTH  
 STATE OF WASHINGTON

**BELLEVUE CITY HALL**  
 Construction Documents



Construction Documents

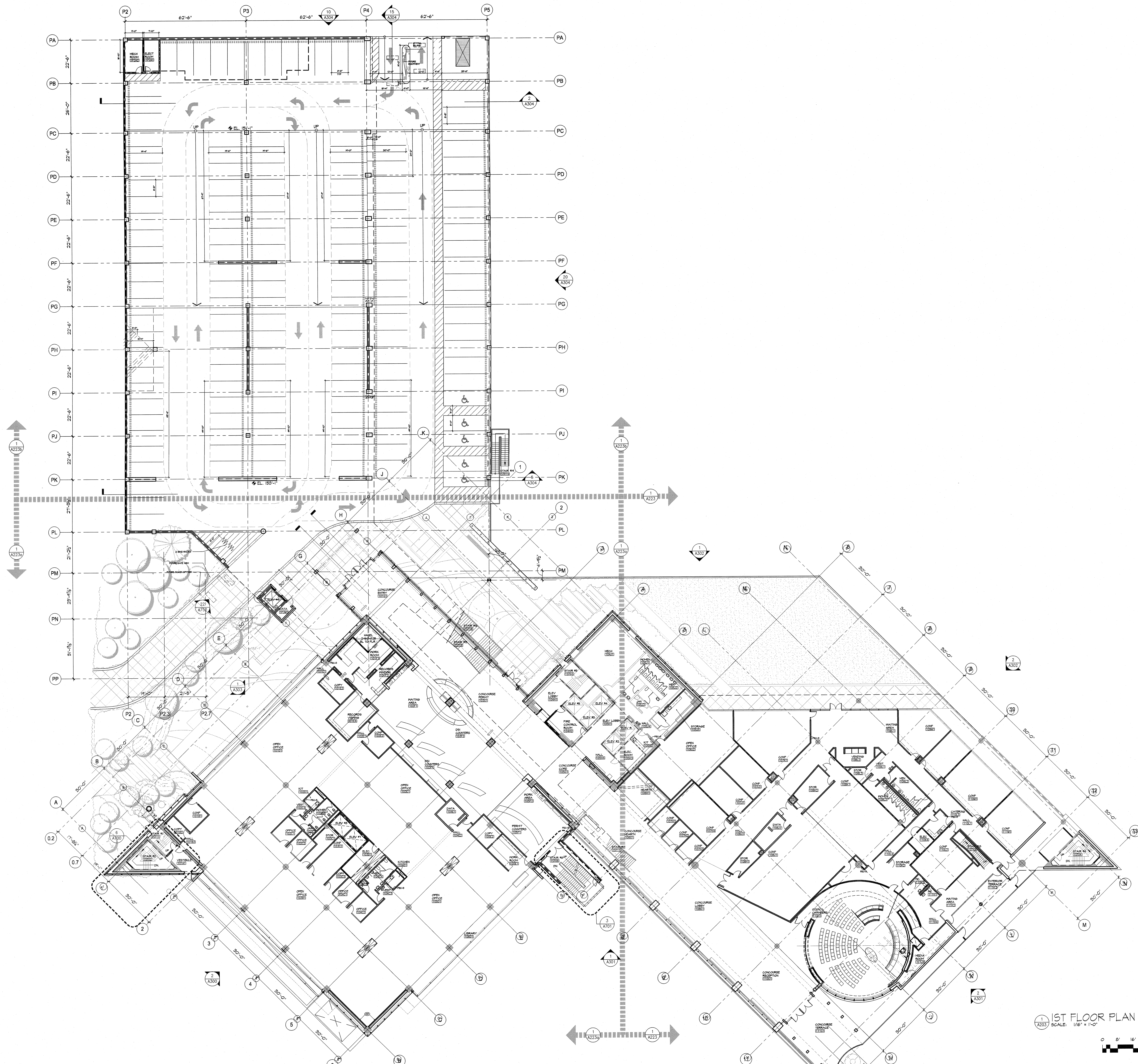
Drawing Title  
**FLOOR PLAN**  
**LOWER LEVEL / P4**

Revisions	7/1/04
0 ASI #1	7/21/04
1 ASI #4	10/1/04
2 ASI #15	

Drawn by  
 SRG  
 Checked by  
 DAT  
 Date  
 July 1, 2004  
 Project No  
 2314S  
 Consultant Project No  
 Owner Project No  
 Drawing No

**A202**





1 1ST FLOOR PLAN  
 SCALE: 1/8" = 1'-0"  
 0 8' 16' 32'



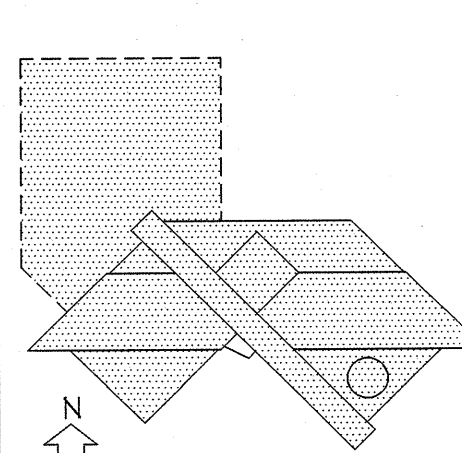
ARCHITECTURE PLANNING INTERIORS  
 101 Yeaker Way, Suite 200  
 Seattle, Washington 98104  
 T: 206.873.1700 F: 206.873.1791  
**SRG PARTNERSHIP INC**

NOTE:  
 THIS DRAWING WAS ALTERED  
 SUBSTANTIALLY IN AS# 15  
 TO INCORPORATE THE SCOPE  
 OF THE INTERIOR TENANT  
 IMPROVEMENTS.

Revisions (Continued)

3148 REGISTERED ARCHITECT  
 DENNIS C. FORSYTH  
 STATE OF WASHINGTON

**BELLEVUE CITY HALL**  
 Construction Documents



Construction Documents

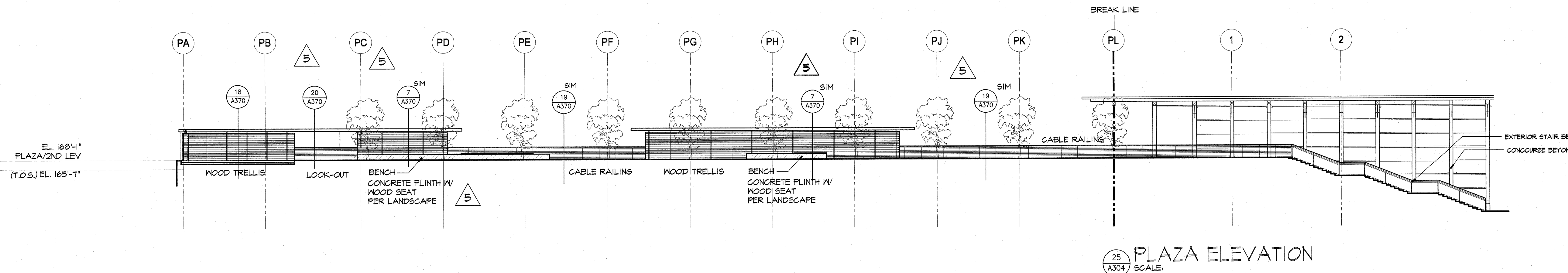
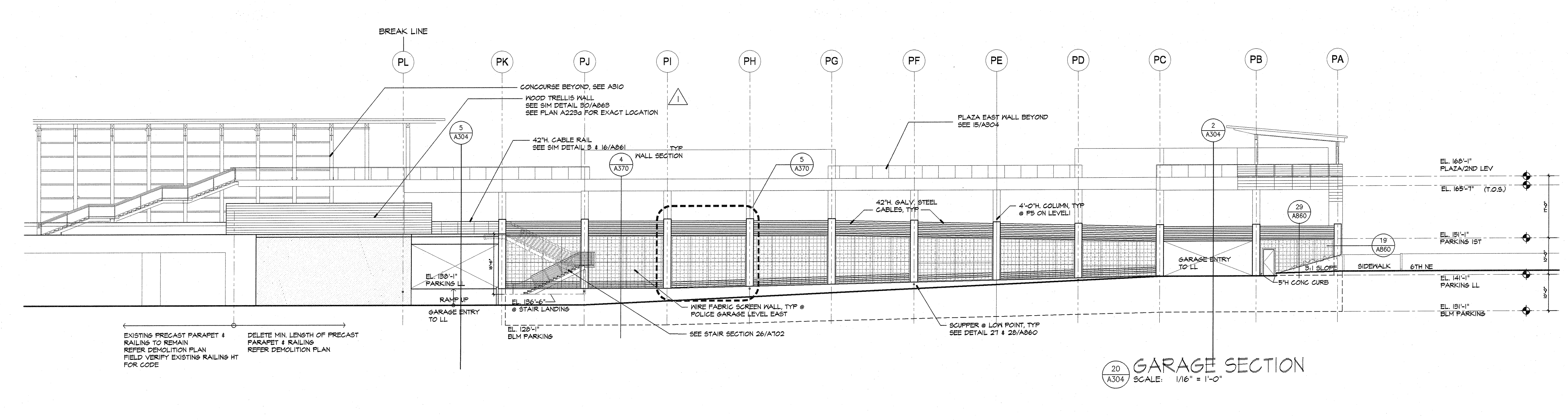
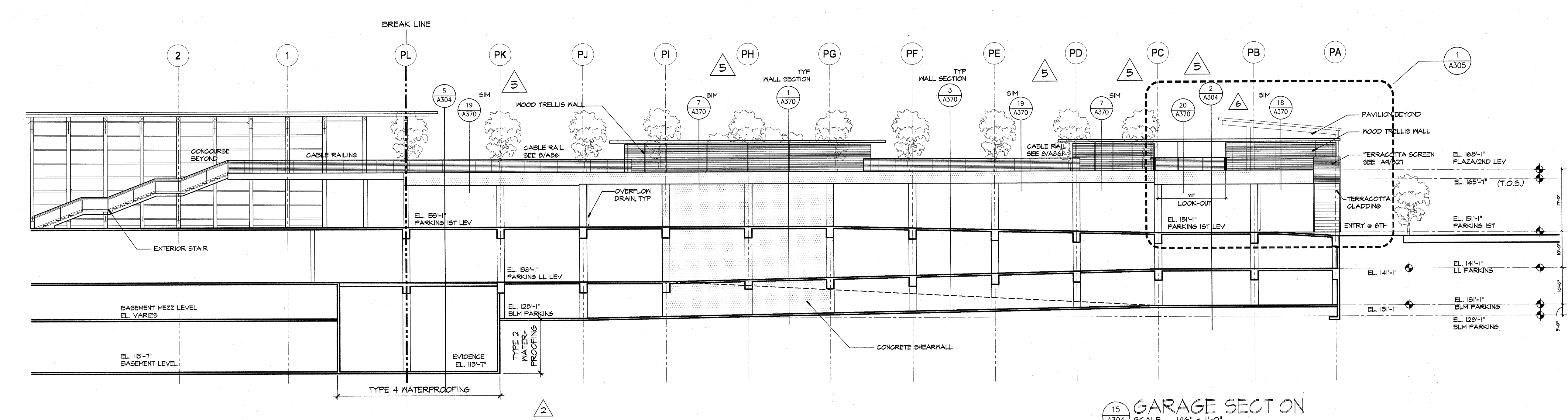
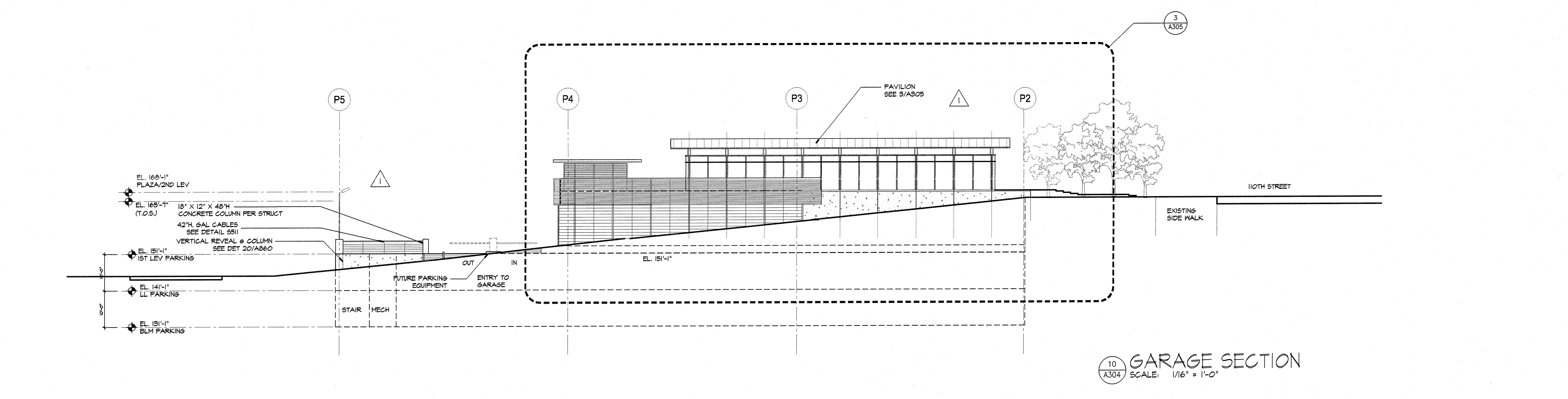
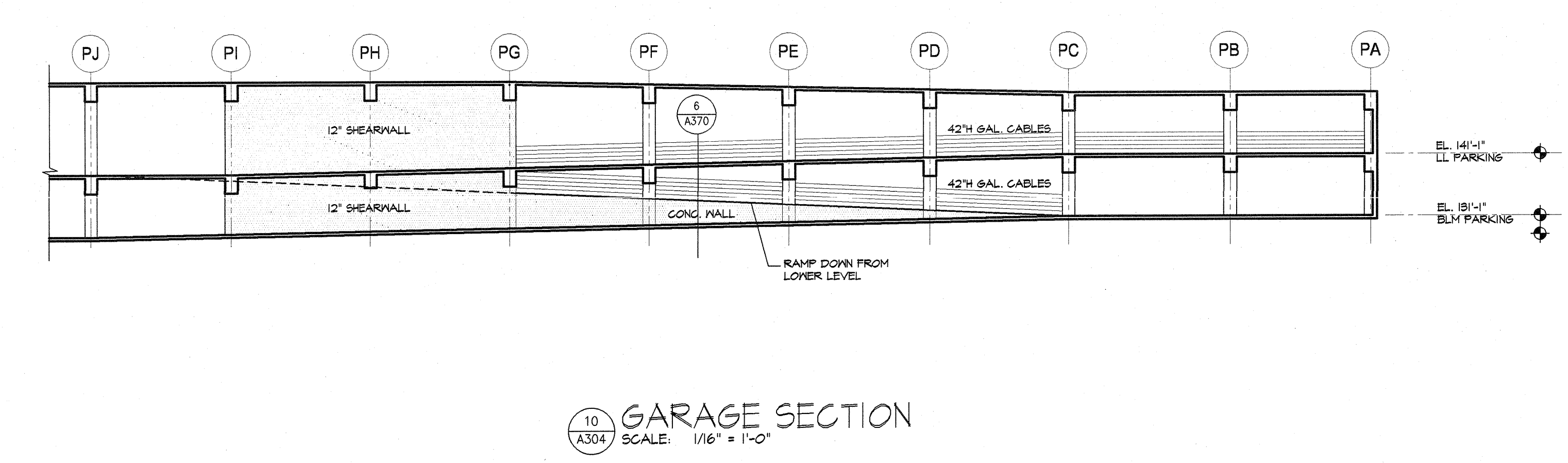
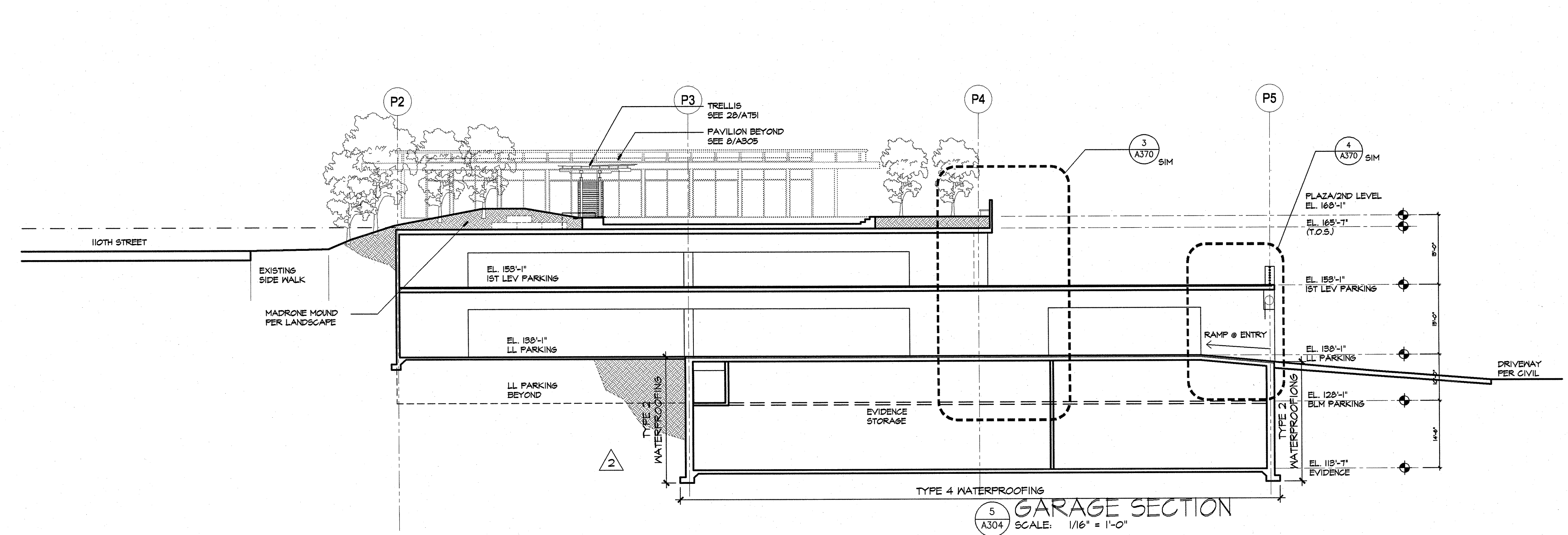
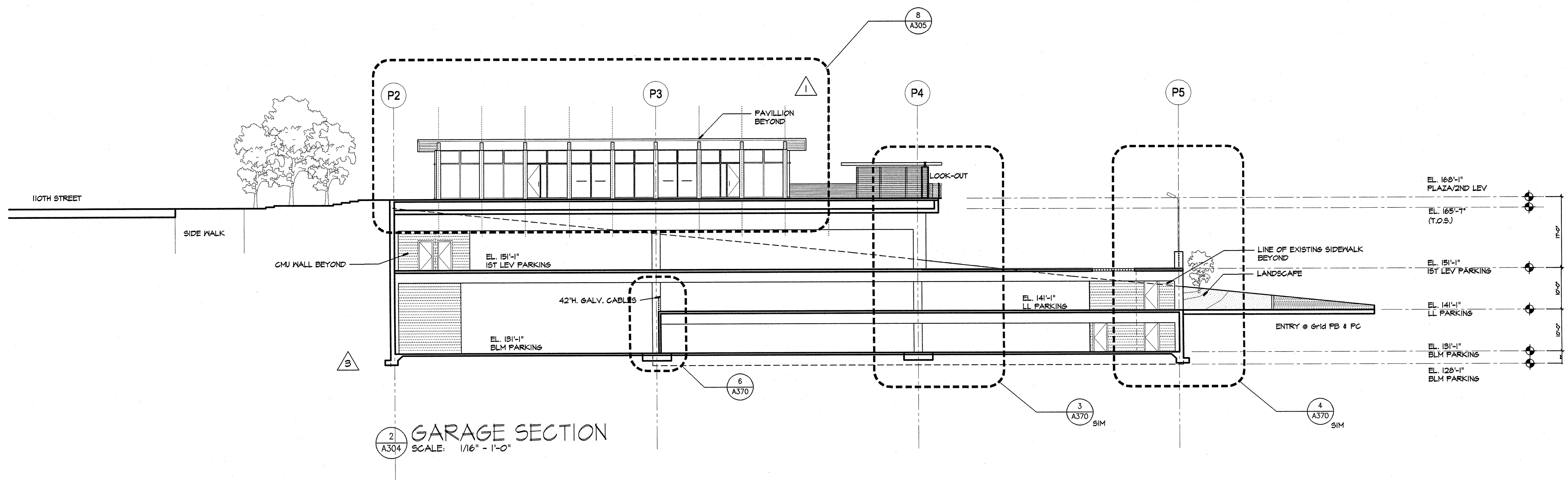
Drawing Title  
**FLOOR PLAN**  
**1ST FLOOR LEVEL**

Revisions  
 0 ASI #1 7/1/04  
 1 ASI #15 10/1/04

Drawn by  
 SRG  
 Checked by  
 DAT  
 Date  
 July 1, 2004  
 Project No  
 23145  
 Consultant Project No  
 Owner Project No  
 Drawing No

**A203**





Revisions (Continued)

3148 REGISTERED ARCHITECT  
 DENNIS C. FORSYTH  
 STATE OF WASHINGTON

**BELLEVUE CITY HALL**  
 Construction Documents

Construction Documents

Drawing Title  
**EXTERIOR ELEVATIONS AND SECTIONS  
 PLAZA / GARAGE**

Revisions	ASB #1	7/1/04
0	ASB #15	10/1/04
1	RFI #5	10/1/04
2	RFI #5	12/17/04
3	RFI #1126	5/2/05
4	RFI #1126	5/2/05
5	RFI #1340	5/23/05
6	RFI #1687	8/11/05

Drawn by  
 YF  
 Checked by  
 DAT  
 Date  
 July 1, 2004  
 Project No  
 23148  
 Consultant Project No  
 Owner/Project No  
 Drawing No

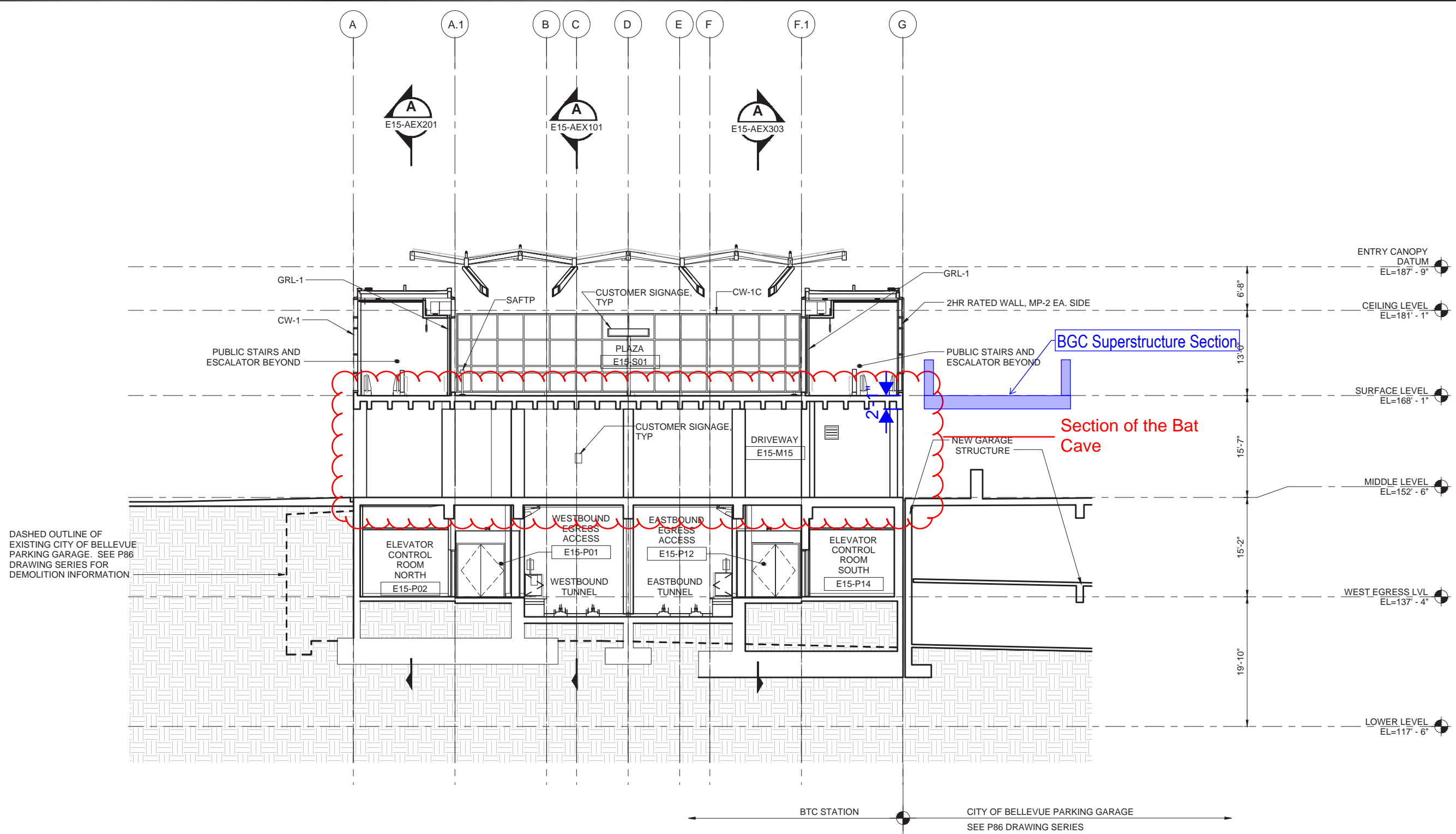
**A304**







XREF LIST:  
 XE335-E15-AEX640  
 XE335-E15-AZ1001  
 GB-SEAL-JFN2241  
 XE335-GB-TB22X34

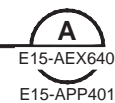


ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 VERIFIED BY: / DATE: /

02/26/16 | 6:41 AM | CALDWELL  
 C:\USERS\PUBLIC\DOCUMENTS\CALDWELL\JHTT\PS\SHAREPOINT\SOUNDTRANSIT\ORG\443\SITES\CAD\EL\BELRED\E335\E15-AEX640.DWG

**NOT FOR CONSTRUCTION**

**CROSS SECTION - GRID 4**  
 SCALE: 1/8" = 1'-0"



<b>100% SUBMITTAL</b>					
No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:  
M. REDDINGTON  
 DRAWN BY:  
J. MROZEK  
 CHECKED BY:  
J. NESHOLM  
 APPROVED BY:  
J. SCHUTT

2241 REGISTERED ARCHITECT  
 JOHN F. NESHOLM  
 STATE OF WASHINGTON  
 3/7/16

**LMN**  
 801 SECOND AVENUE, SUITE 501 SEATTLE, WA 98104  
 206.682.3460 FAX 206.343.5286

**H J H**  
 FINAL DESIGN PARTNERS.  
 SUBMITTED BY: DATE: REVIEWED BY: DATE:

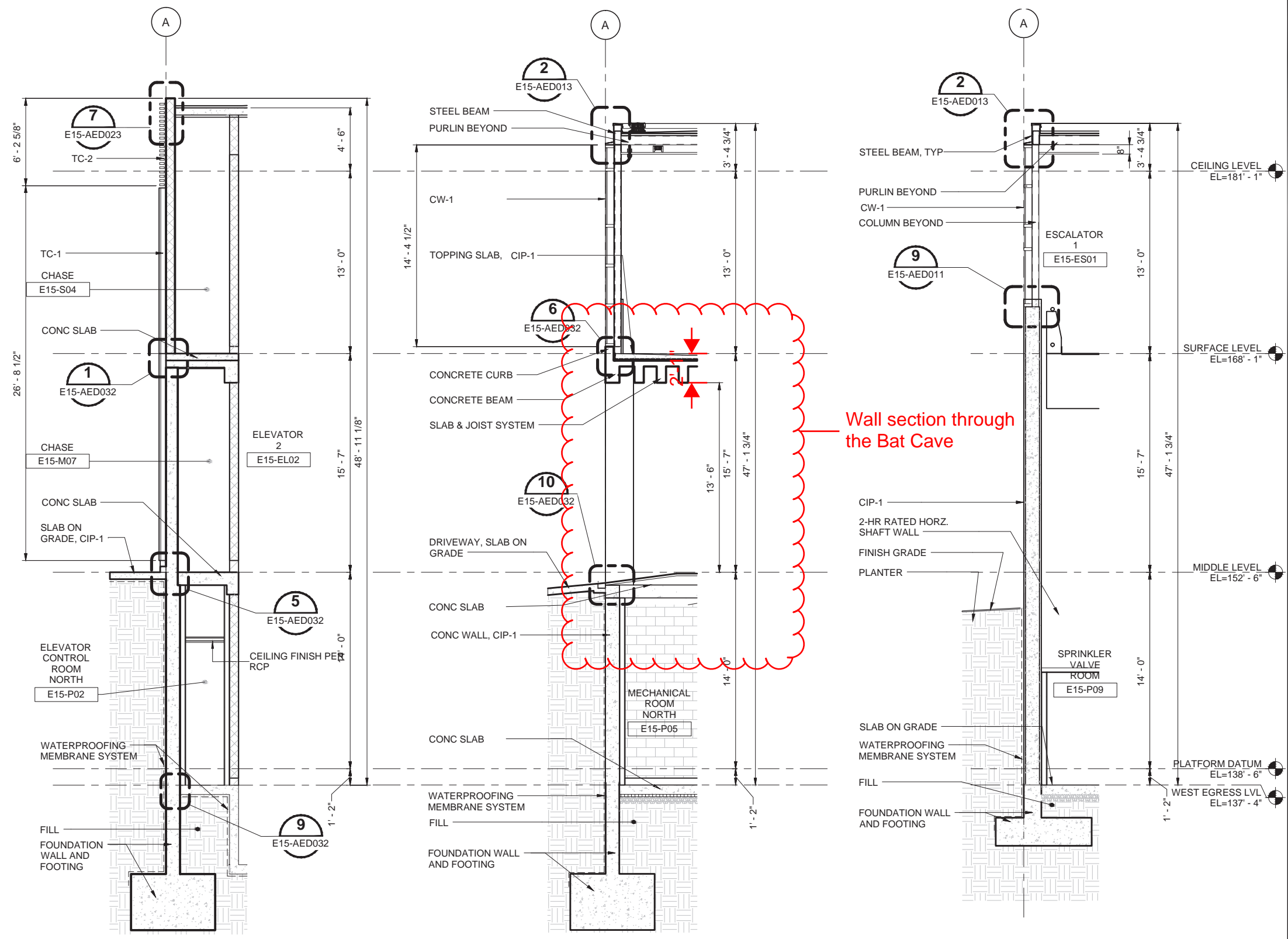
**SOUNDTRANSIT**  
 SCALE: 1/8" = 1'-0"  
 FILENAME: E335-E15-AEX640  
 CONTRACT No.: RTA/CN 0045-14C  
 DATE: 03/08/2016

**EAST LINK EXTENSION CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - ARCHITECTURE BUILDING SECTION CROSS SECTION 4

DRAWING No.: **E15-AEX640**  
 LOCATION ID: **E15**  
 SHEET No.: **1649** REV: **0**

XREF LIST:  
 GB-SEAL-FN2241  
 XE35-GB-TB2X34

ORIGINATED BY: / DATE: /  
 CHECKED BY: / DATE: /  
 CORRECTED BY: / DATE: /  
 VERIFIED BY: / DATE: /  
 02/25/16 | 6:42 AM | CALDWELL  
 C:\USERS\PUBLIC\DOCUMENTS\CALDWELL\JHTT\PS\SHAREPOINT\SOUNDTRANSIT\ORG\443\SITES\CAD\ELBELRED\E335\DRAWINGS\E335-E15-AEX701.DWG



**WALL SECTION-GRIDLINES A,3-4**  
 SCALE: 1/4" = 1'-0"

2  
 E15-AEX701  
 E15-APP202

**WALL SECTION-GRIDLINES A,4-5**  
 SCALE: 1/4" = 1'-0"

3  
 E15-AEX701  
 E15-APP202

**WALL SECTION-GRIDLINES A,5.1-5.3**  
 SCALE: 1/4" = 1'-0"

4  
 E15-AEX701  
 E15-APP202

**NOT FOR CONSTRUCTION**

**100% SUBMITTAL**

DESIGNED BY:  
 M. REDDINGTON  
 DRAWN BY:  
 J. MROZEK  
 CHECKED BY:  
 J. NESHOLM  
 APPROVED BY:  
 J. SCHUTT



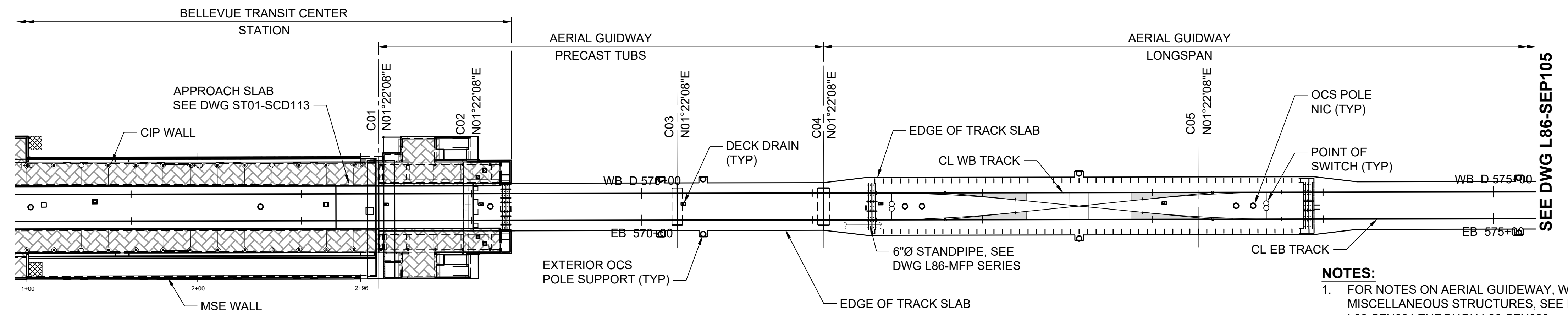
SCALE:  
 1/4" = 1'-0"  
 FILENAME:  
 E335-E15-AEX701  
 CONTRACT No.:  
 RTA/CN 0045-14C  
 DATE:  
 03/08/2016

**EAST LINK EXTENSION  
 CONTRACT E335**  
 DOWNTOWN BELLEVUE TO SPRING DISTRICT  
 BTC STATION - ARCHITECTURE  
 WALL SECTIONS  
 EXTERIOR

DRAWING No.:  
**E15-AEX701**  
 LOCATION ID:  
 E15  
 SHEET No.:  
 1658  
 REV:  
 0

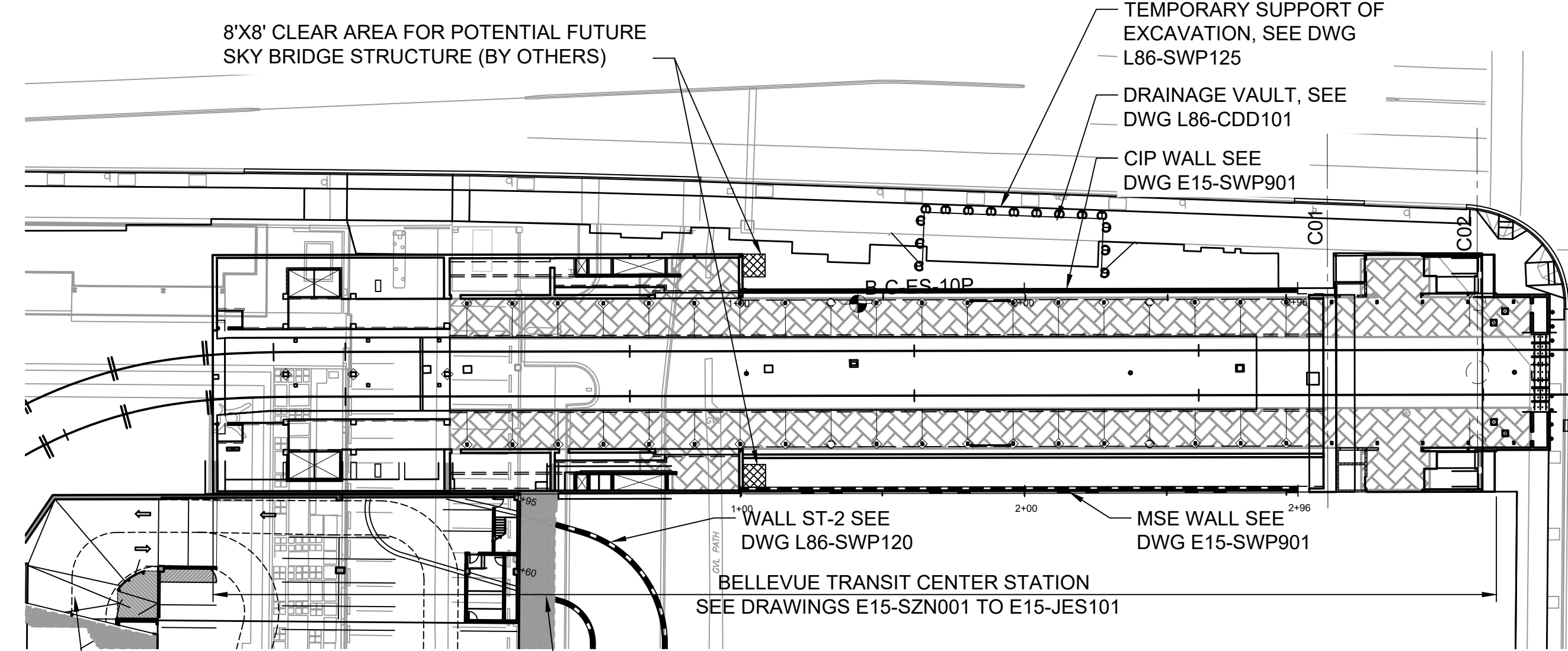
No.	DATE	DSN	CHK	APP	REVISION



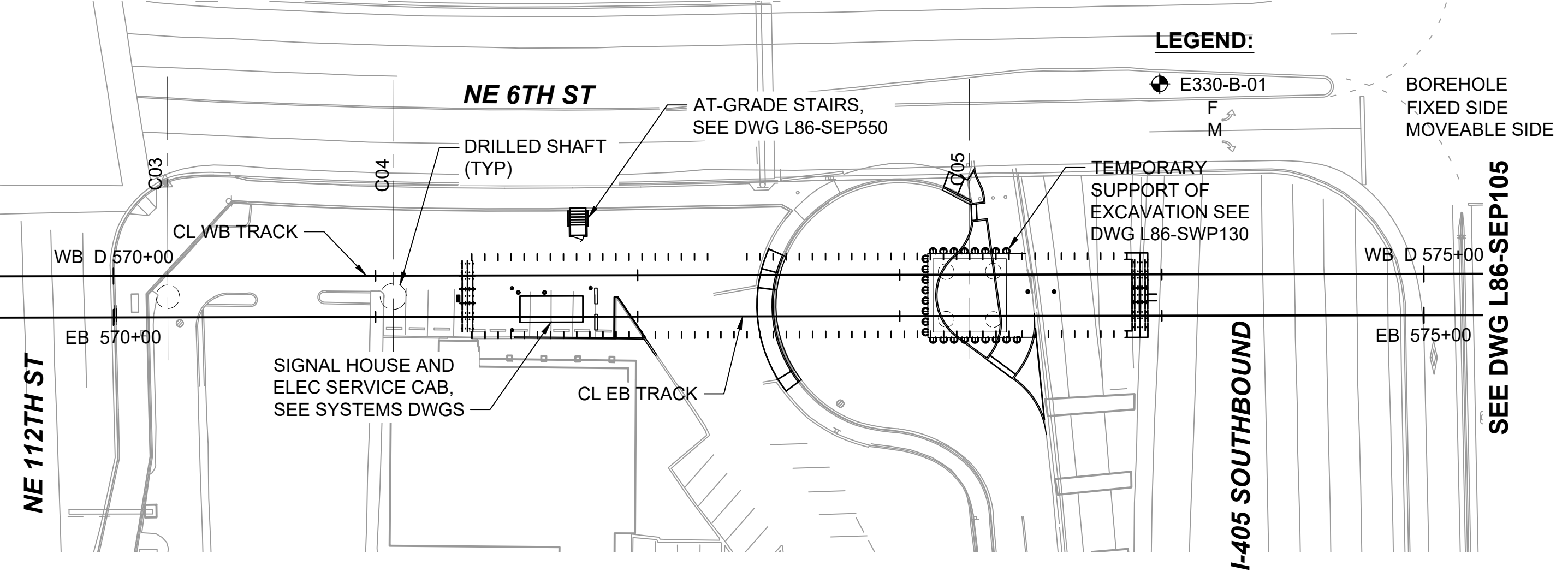


**GUIDEWAY PLAN**  
SCALE: 1" = 40'

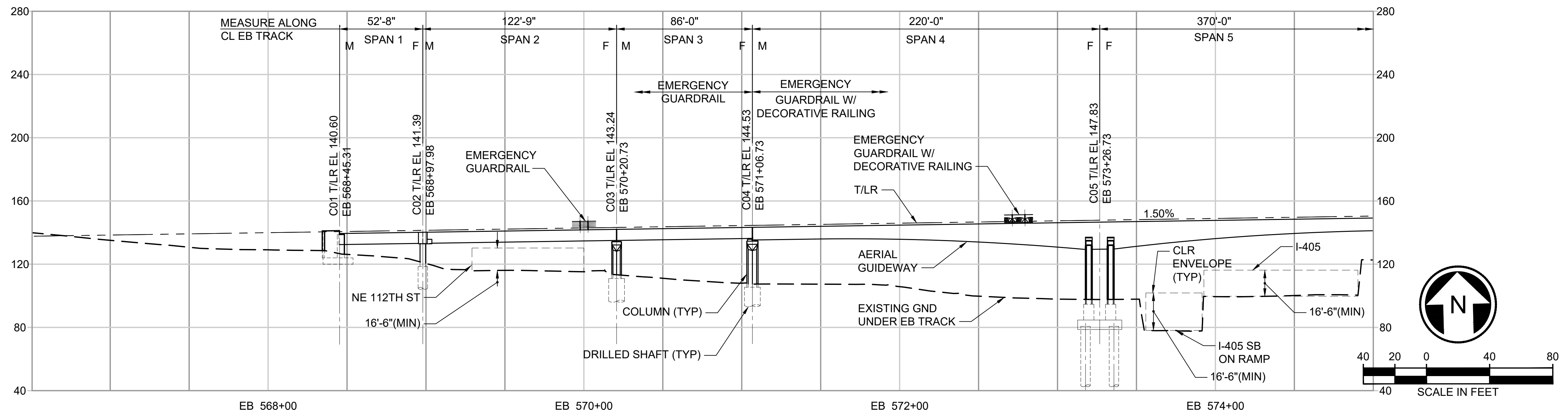
- NOTES:**
- FOR NOTES ON AERIAL GUIDEWAY, WALLS AND MISCELLANEOUS STRUCTURES, SEE DRAWINGS L86-SZN001 THROUGH L86-SZN003.
  - FOR TRACK ALIGNMENT AND TYPICAL SECTIONS, SEE DRAWINGS L86-KZN001 THROUGH L86-KYX317.



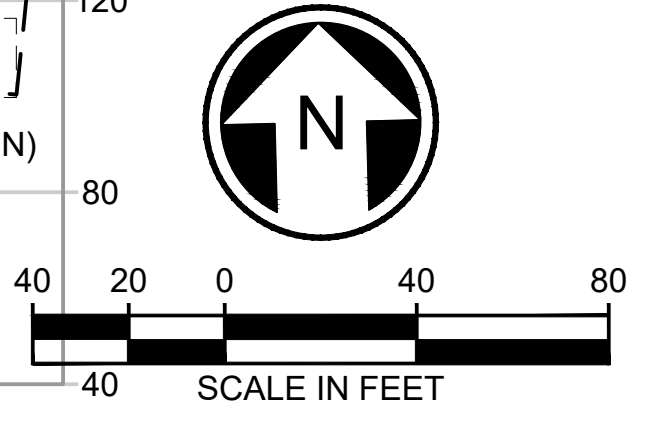
**GENERAL LAYOUT**  
SCALE: 1" = 40'



- LEGEND:**
- E330-B-01
  - F
  - M
  - BOREHOLE FIXED SIDE
  - BOREHOLE MOVEABLE SIDE

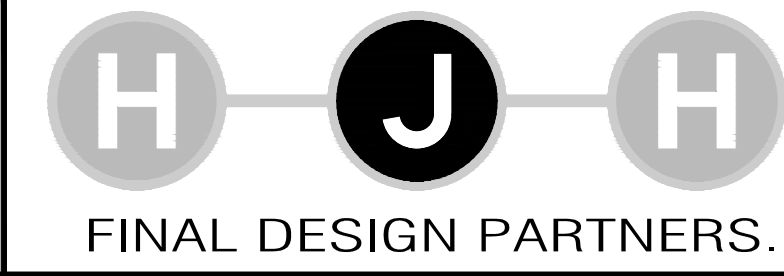


**DEVELOPED ELEVATION**



**FINAL AS BUILT**

DESIGNED BY:  
Jo. SCETTLER  
DRAWN BY:  
J. RODRIGUEZ  
CHECKED BY:  
T. ZONG  
APPROVED BY:  
M. COWARD



LINE IS 1" AT FULL SCALE



SCALE:  
1" = 40'  
FILENAME:  
E335-L86-SEP104  
CONTRACT No.:  
RTA/CN 0045-14C  
DATE:  
06/27/2016

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
  
STRUCTURES  
GENERAL LAYOUT  
EB STA 565+25 TO EB STA 575+00

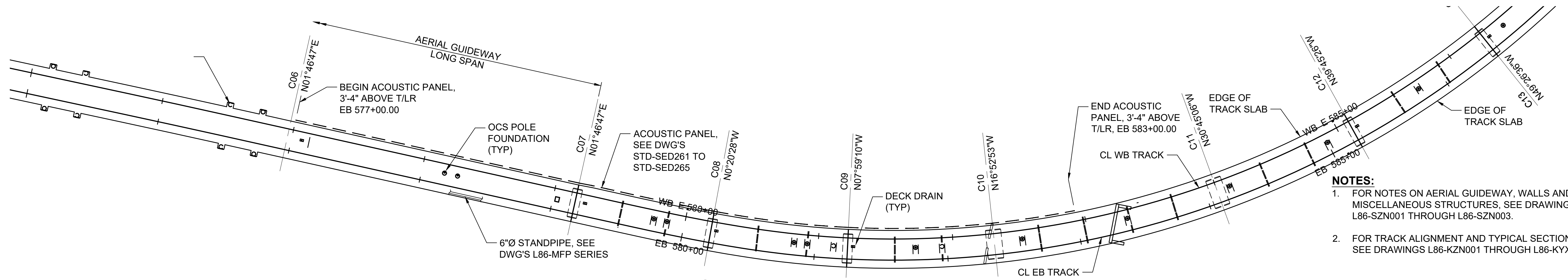
DRAWING No.:  
**L86-SEP104**  
LOCATION ID:  
E15/E16  
SHEET No.:  
575  
REV:  
0

SUBMITTED BY:  
KEVIN R. COLLINS

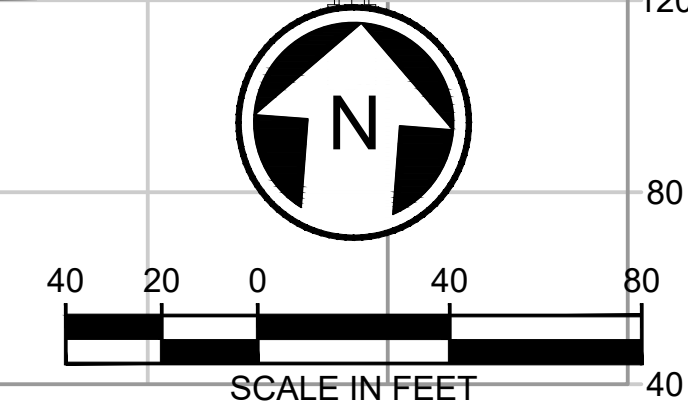
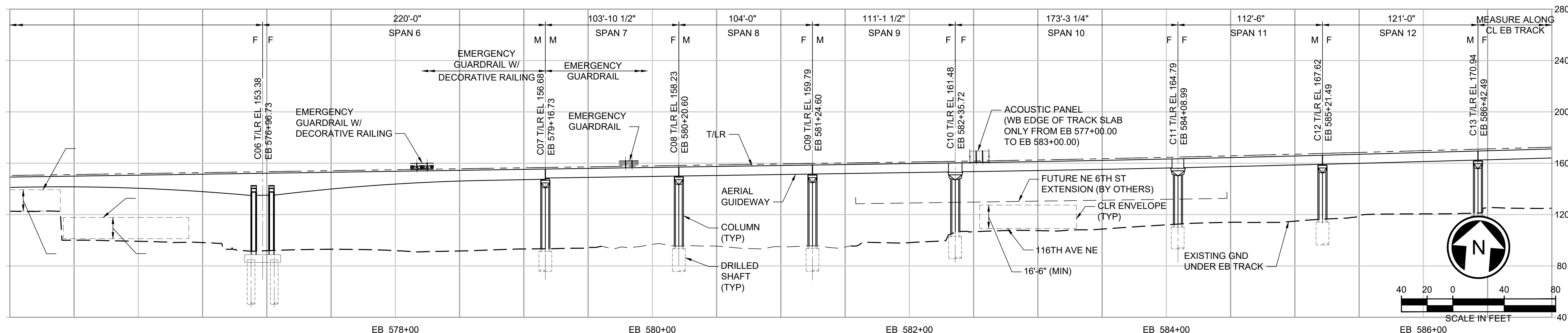
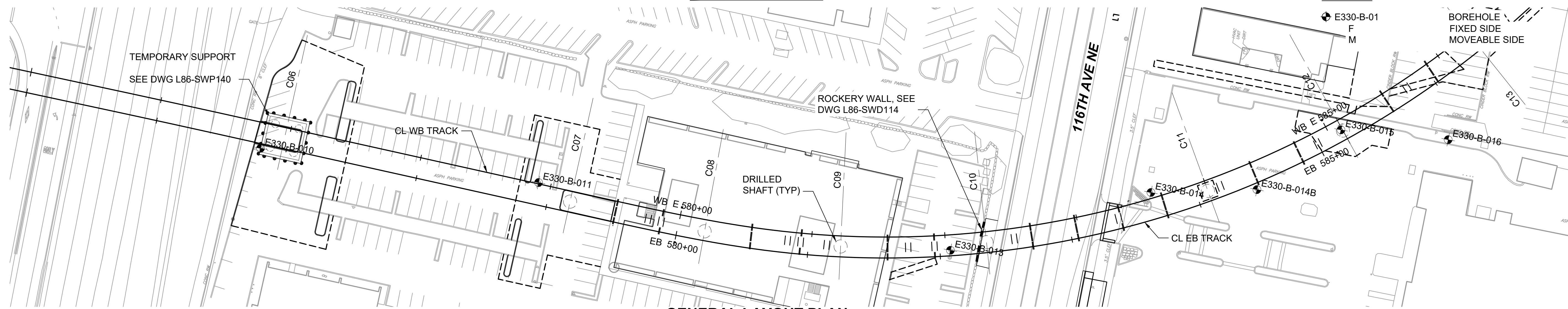
DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017



- NOTES:**
- FOR NOTES ON AERIAL GUIDEWAY, WALLS AND MISCELLANEOUS STRUCTURES, SEE DRAWINGS L86-SZN001 THROUGH L86-SZN003.
  - FOR TRACK ALIGNMENT AND TYPICAL SECTIONS, SEE DRAWINGS L86-KZN001 THROUGH L86-KYX317.



SEE DWG L86-SEP106

SEE DWG L86-SEP106

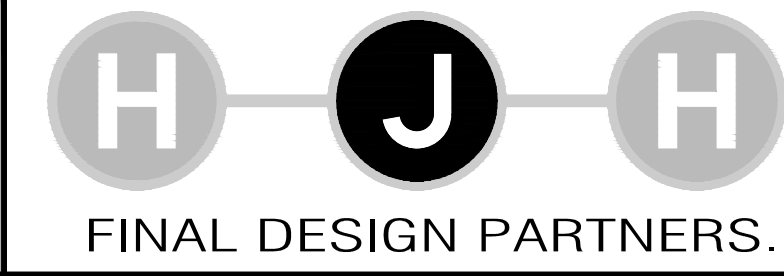
**FINAL AS BUILT**

DESIGNED BY:  
Jo. SCHEITLER

DRAWN BY:  
J. RODRIGUEZ

CHECKED BY:  
T. ZONG

APPROVED BY:  
M. COWARD



LINE IS 1" AT FULL SCALE



SCALE:  
1" = 40'

FILENAME:  
E335-L86-SEP105

CONTRACT No.:  
RTA/CN 0045-14C

DATE:  
02/2017

**EAST LINK EXTENSION  
CONTRACT E335**

DOWNTOWN BELLEVUE TO SPRING DISTRICT

STRUCTURES  
GENERAL LAYOUT  
EB STA 575+00 TO EB STA 586+00

DRAWING No.:  
**L86-SEP105**

LOCATION ID:  
E16/E18

SHEET No.:  
576

REV:  
0

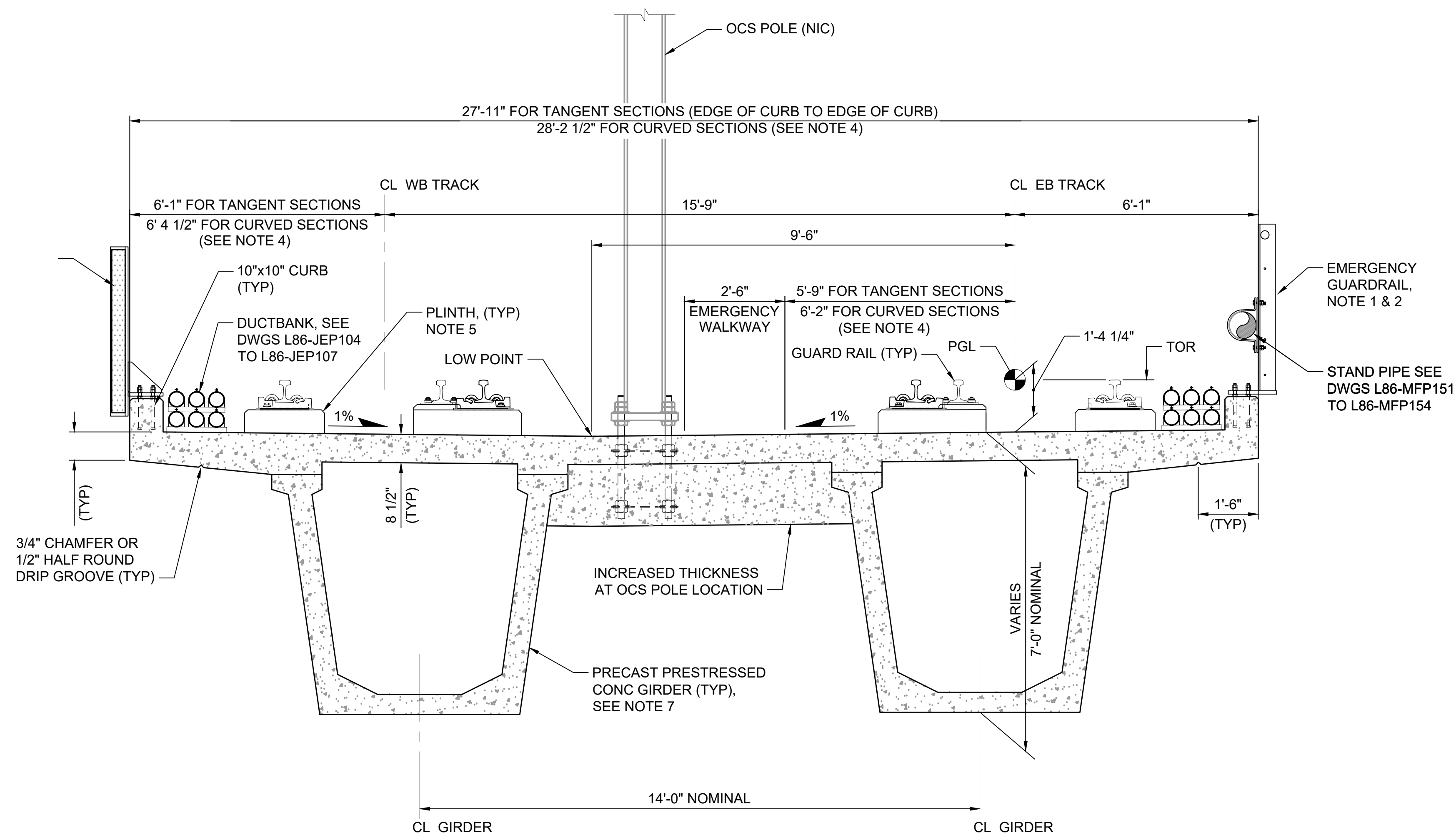
SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

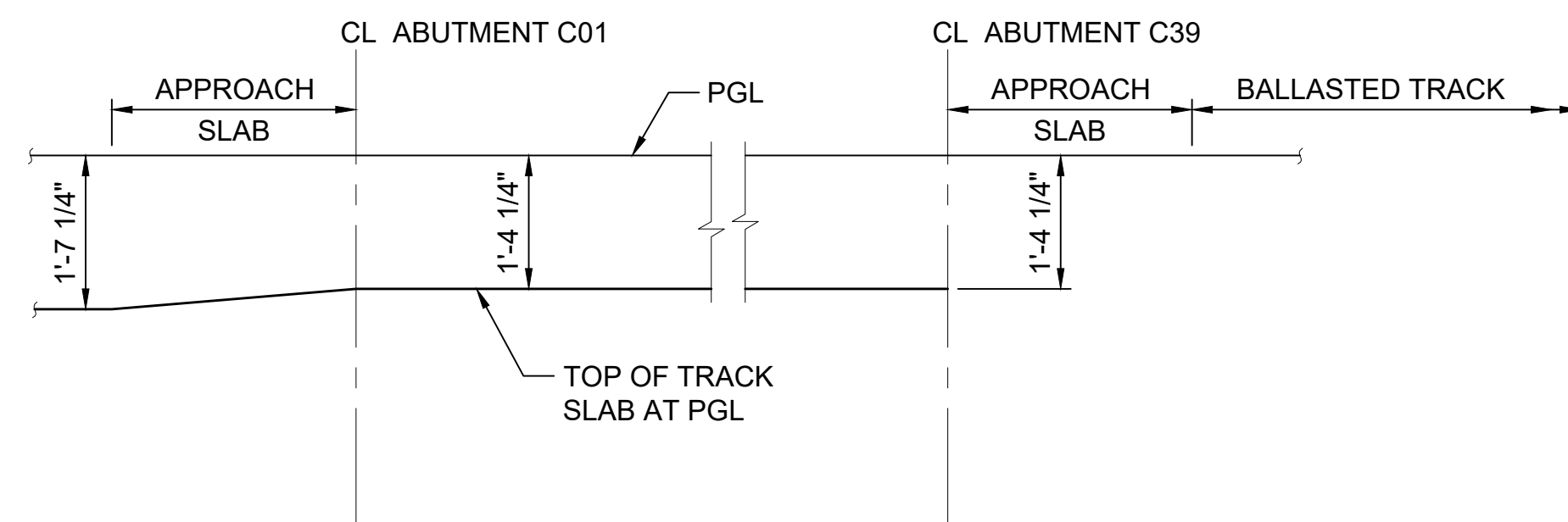
DATE:  
02/2017





**TYPICAL SUPERSTRUCTURE SECTION - TYPICAL DUAL TRACK**

SCALE: 1/2" = 1'-0"



**TOP OF TRACK SLAB DIAGRAM**

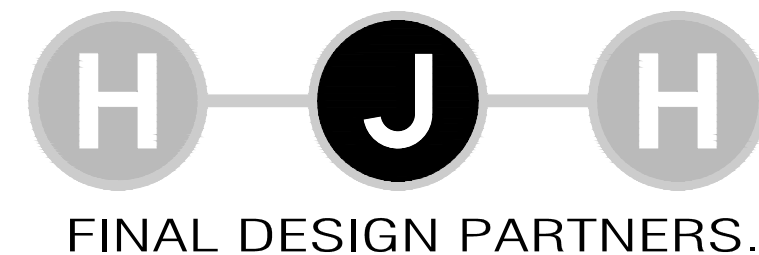
SCALE: NTS

**NOTES:**

1. INSTALL EMERGENCY GUARDRAIL AT LOCATIONS WHERE ACOUSTIC PANELS ARE NOT REQUIRED. FOR EMERGENCY GUARDRAIL DETAILS, SEE DRAWINGS STD-SED261 THROUGH STD-SED265. SEE DRAWING STD-JGD103 FOR GROUNDING DETAILS.
2. AT EMERGENCY GUARDRAIL LOCATIONS, INSTALL ADDITIONAL ANCHORAGES IN CURB AND TRACK TO ALLOW FOR FUTURE ACOUSTIC PANEL INSTALLATION. SEE DRAWING STD-SED262 THROUGH STD-SED265 FOR ACOUSTIC PANEL ANCHORAGE DETAILS.
3. INSTALL ACOUSTIC PANELS WHERE INDICATED ON DRAWINGS L86-SEP104 TO L86-SEP107. SEE DRAWINGS STD-SED262 THROUGH STD-SED265 FOR ACOUSTIC PANEL DETAILS. SEE DRAWING STD-JGD103 FOR GROUNDING DETAILS.
4. SEE DRAWINGS L86-SEP200 THROUGH L86-SEP207 FOR TRACK SLAB GEOMETRY.
5. FOR PLINTH DETAILS, SEE DRAWING STD-KAD106 THROUGH STD-KAD114.
6. STORM DRAIN AND DRAIN PIPE AND SUPPORTS NOT SHOWN. FOR LOCATIONS WHERE STORM DRAIN AND DRAIN PIPES ARE SUPPORTED FROM AERIAL GUIDEWAY SUPERSTRUCTURE, SEE DRAWINGS L86-SGP200 THROUGH L86-SGP206. FOR SUPPORT DETAILS, SEE DRAWINGS STD-SED120 THROUGH STD-SED122.
7. TYPICAL UF72G5 IS SHOWN. FOR SPAN 9 TO 11, CURVED PRECAST PRESTRESSED/POST-TENSIONED UF72PTG5 WILL BE USED.

**FINAL AS BUILT**

DESIGNED BY:  
Jo. SCHEITLER  
DRAWN BY:  
J. RODRIGUEZ  
CHECKED BY:  
T. ZONG  
APPROVED BY:  
M. COWARD



LINE IS 1" AT FULL SCALE



SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

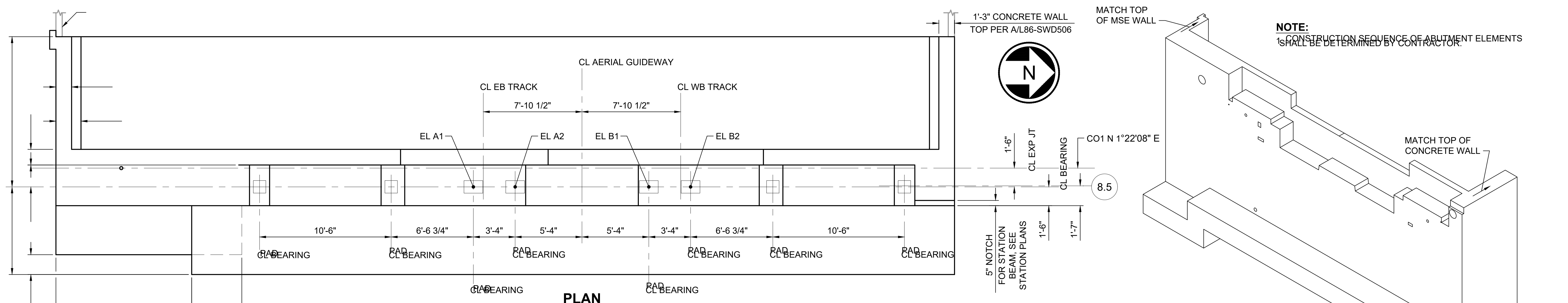
REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017

SCALE:  
AS NOTED  
FILENAME:  
E335-L86-SGX201  
CONTRACT No.:  
RTA/CN 0045-14C  
DATE:  
04/2018

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
STRUCTURES, AERIAL GUIDEWAY - PRECAST TUBS  
TYPICAL SUPERSTRUCTURE SECTIONS  
TYPICAL DUAL TRACK

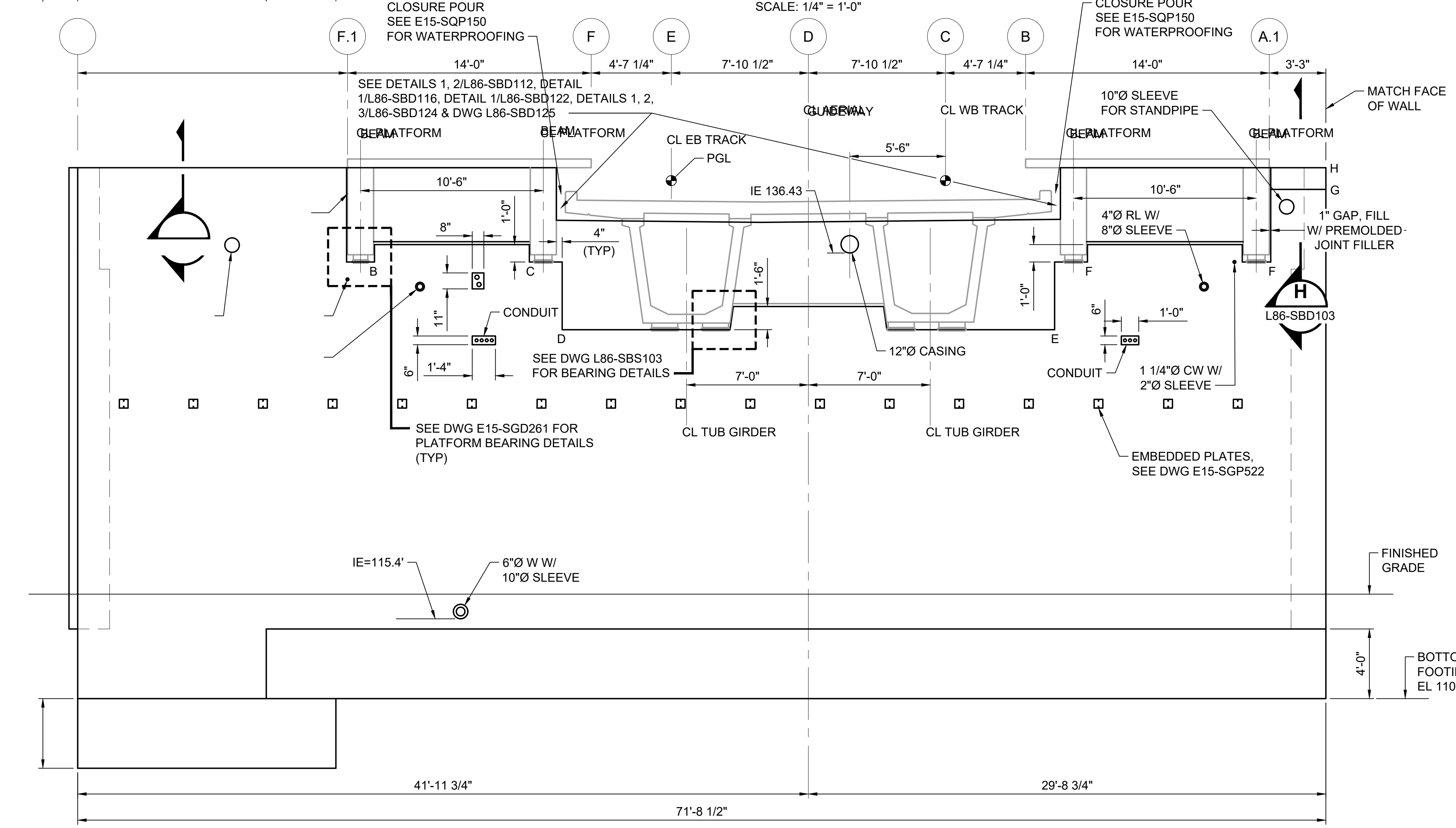
DRAWING No.:  
**L86-SGX201**  
LOCATION ID:  
E16/E18/E20  
SHEET No.:  
650  
REV:  
0



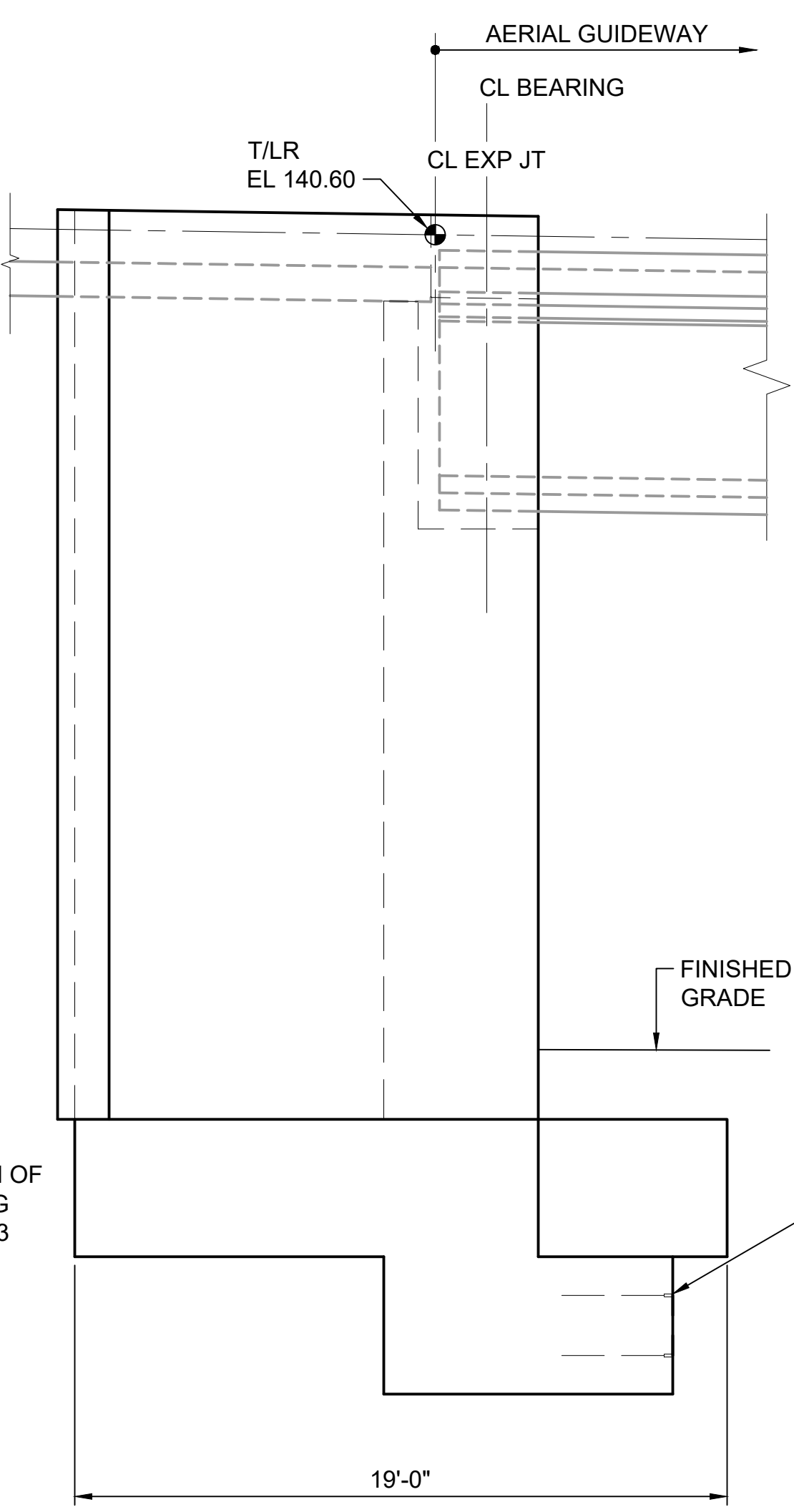
**PLAN**  
SCALE: 1/4" = 1'-0"

**ISOMETRIC VIEW**  
NTS

**NOTE:**  
CONSTRUCTION SEQUENCE OF ABUTMENT ELEMENTS SHALL BE DETERMINED BY CONTRACTOR.



**ELEVATION - TRANSVERSE**  
SCALE: 1/4" = 1'-0"



**ELEVATION-LONGITUDINAL**  
SCALE: 1/4" = 1'-0"

**TOP OF GROUT PAD ELEVATIONS**

EL A1	EL A2	EL B1	EL B2
132.10	132.11	132.14	132.14

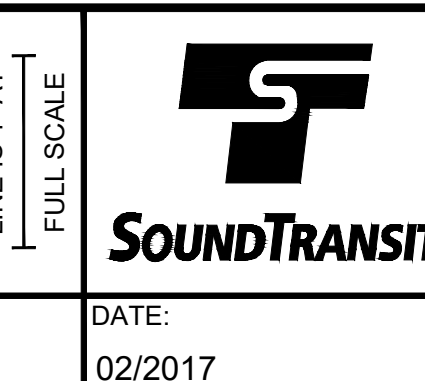
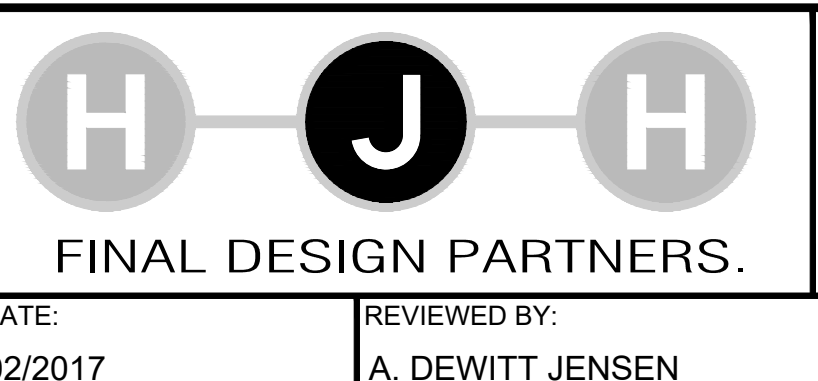
**TOP OF CONCRETE ELEVATIONS**

POINT	ELEVATION
A	141.83
B	135.91
C	135.91
D	132.02
E	132.02
F	135.91
G	140.08
H	141.79

**NOTE:**  
CONSTRUCTION SEQUENCE OF ABUTMENT ELEMENTS SHALL BE DETERMINED BY CONTRACTOR.

**FINAL AS BUILT**

DESIGNED BY: R. RUANA
DRAWN BY: J. RODRIGUEZ
CHECKED BY: K. FERGUSON
APPROVED BY: M. COWARD



SCALE:  
AS NOTED

FILENAME:  
E335-L86-SBD101

CONTRACT No.:  
RTA/CN 0045-14C

DATE:  
02/2017

**EAST LINK EXTENSION  
CONTRACT E335**

DOWNTOWN BELLEVUE TO SPRING DISTRICT  
STRUCTURES, AERIAL GUIDEWAY - PRECAST TUBS  
ABUTMENT C01  
LAYOUT

DRAWING No.:  
**L86-SBD101**

LOCATION ID:  
E15

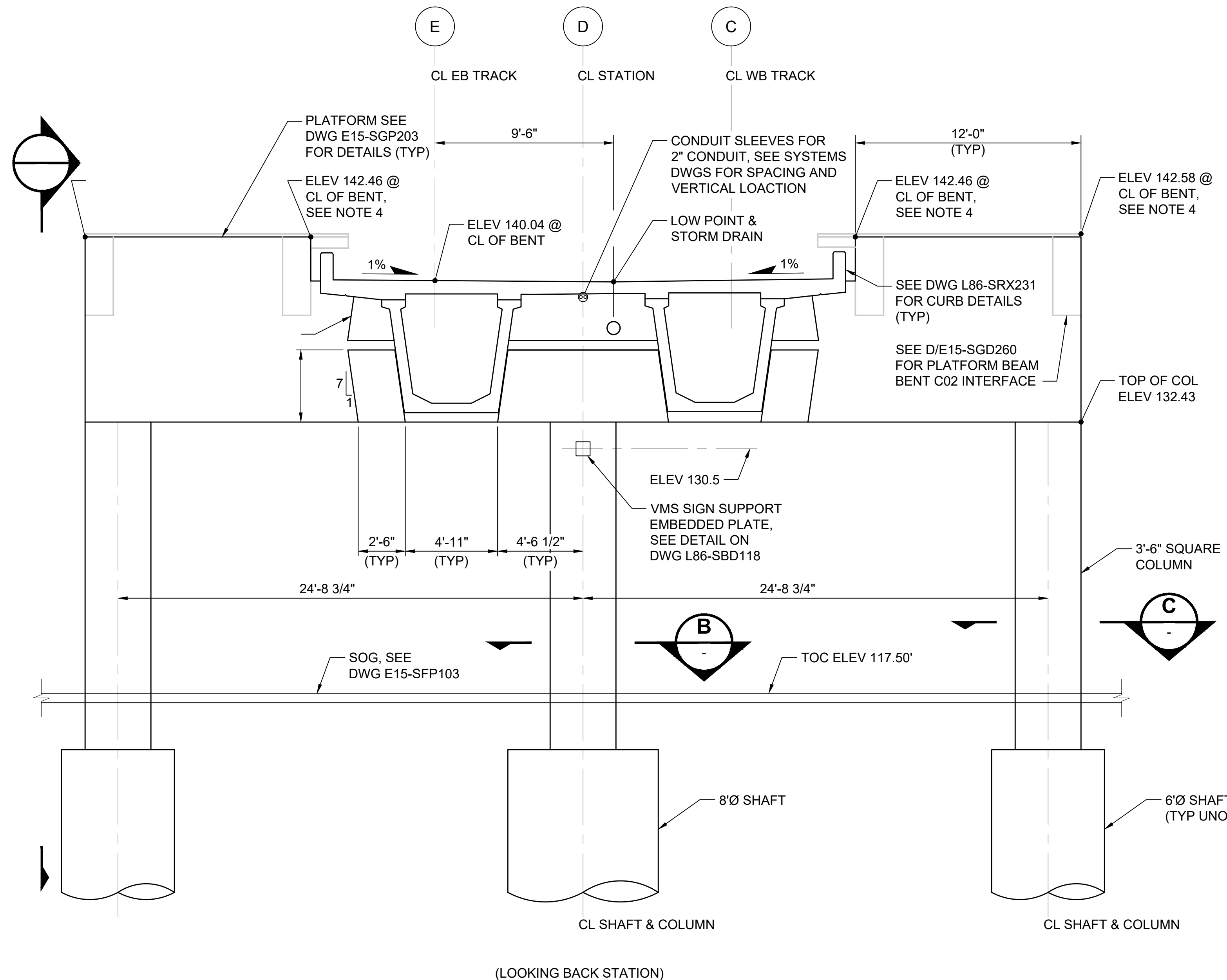
SHEET No.:  
593

REV:  
0

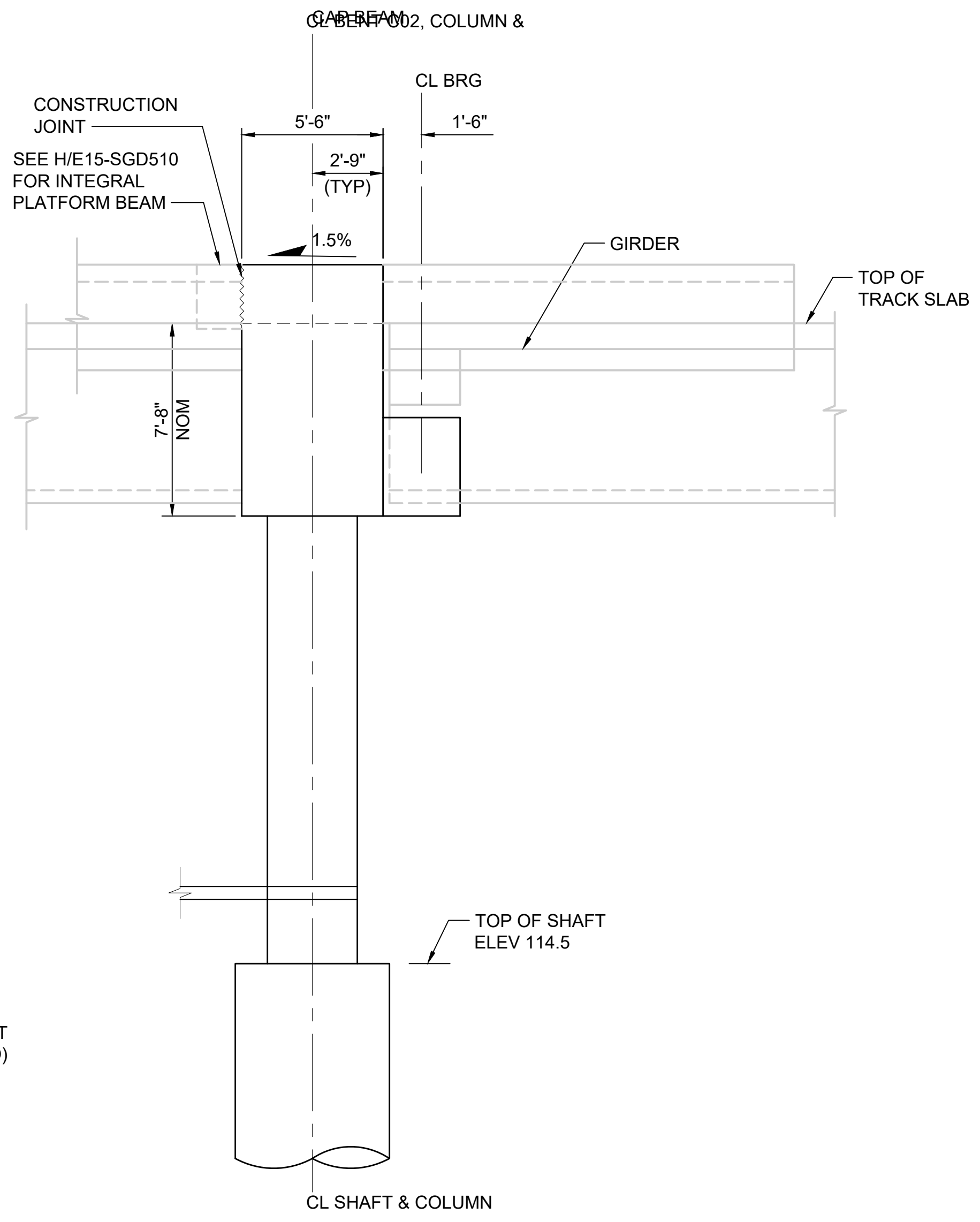


**NOTES:**

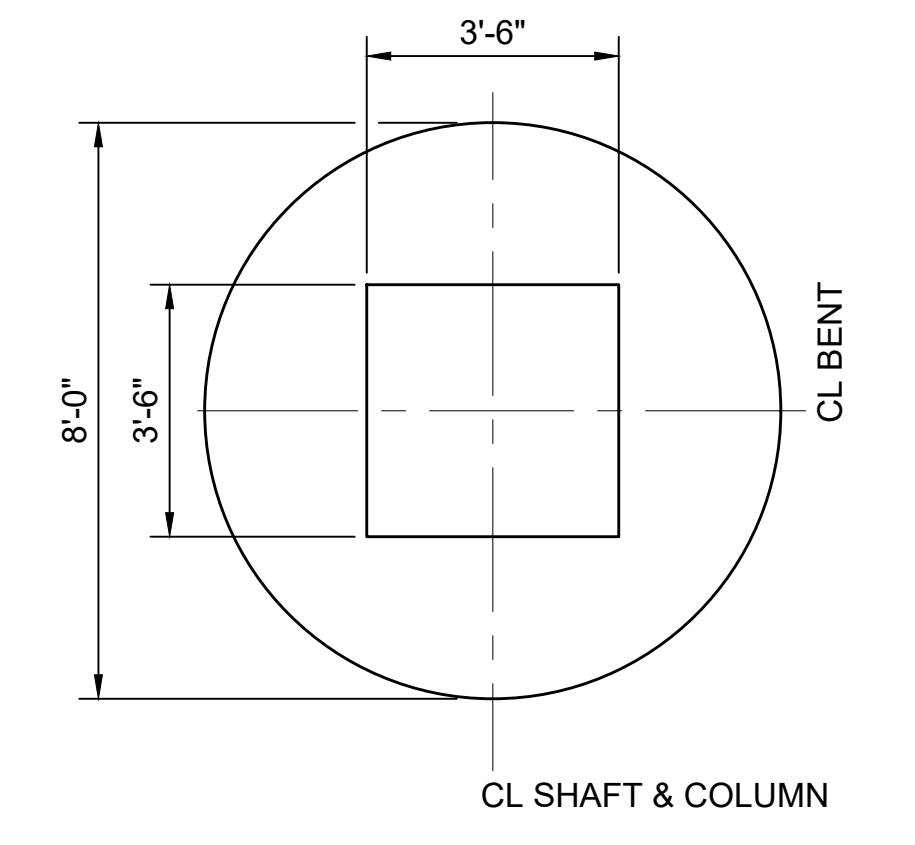
1. FOR TOP OF GROUT PAD ELEVATIONS AND BEARING LAYOUT, SEE DRAWING L86-SES101.
2. FOR BEARING DETAILS, SEE DRAWING L86-SBS101.
3. FOR CENTERLINE OF BENT BEARING, SEE DRAWING L86-SEP104.
4. ELEVATIONS ARE TOP OF STRUCTURAL SLAB.



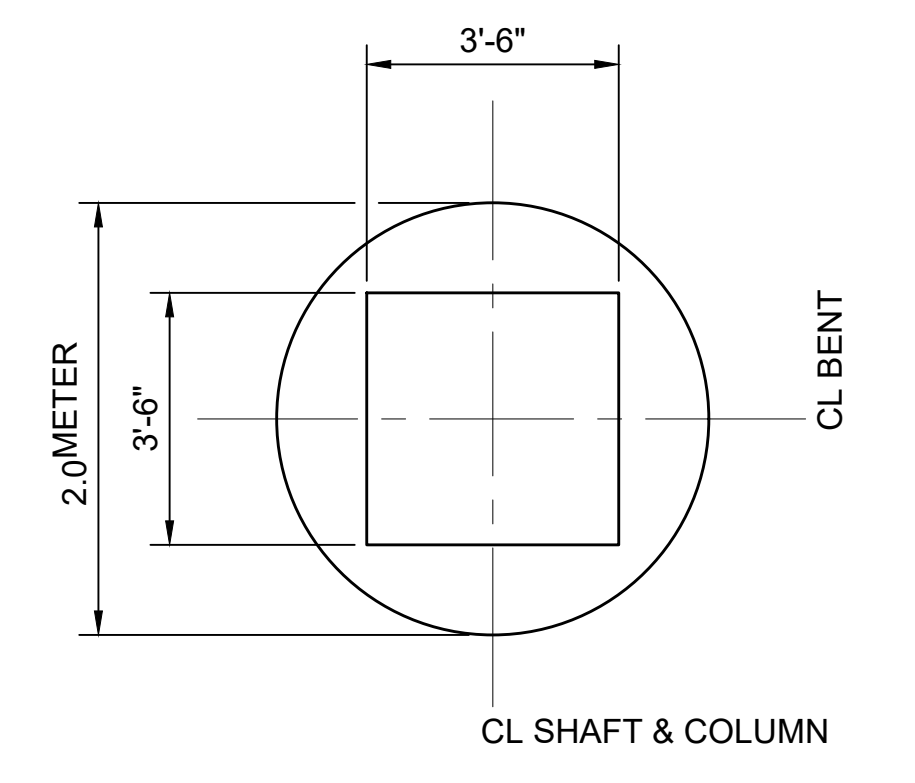
**BENT ELEVATION**  
SCALE: 1/4" = 1'-0"



**VIEW A**  
SCALE: 1/4" = 1'-0"



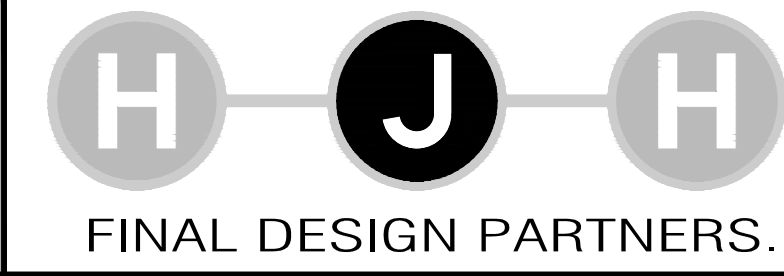
**SECTION B**  
SCALE: 3/8" = 1'-0"



**SECTION C**  
SCALE: 3/8" = 1'-0"

**FINAL AS BUILT**

DESIGNED BY:	Jo. SCHEITTLER
DRAWN BY:	J. RODRIGUEZ
CHECKED BY:	T. ZONG
APPROVED BY:	M. COWARD



LINE IS 1" AT FULL SCALE



SCALE:	AS NOTED
FILENAME:	E335-L86-SBD111
CONTRACT No.:	RTA/CN 0045-14C
DATE:	02/2017

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
STRUCTURES, AERIAL GUIDEWAY - PRECAST TUBS  
BENT C02  
GEOMETRY

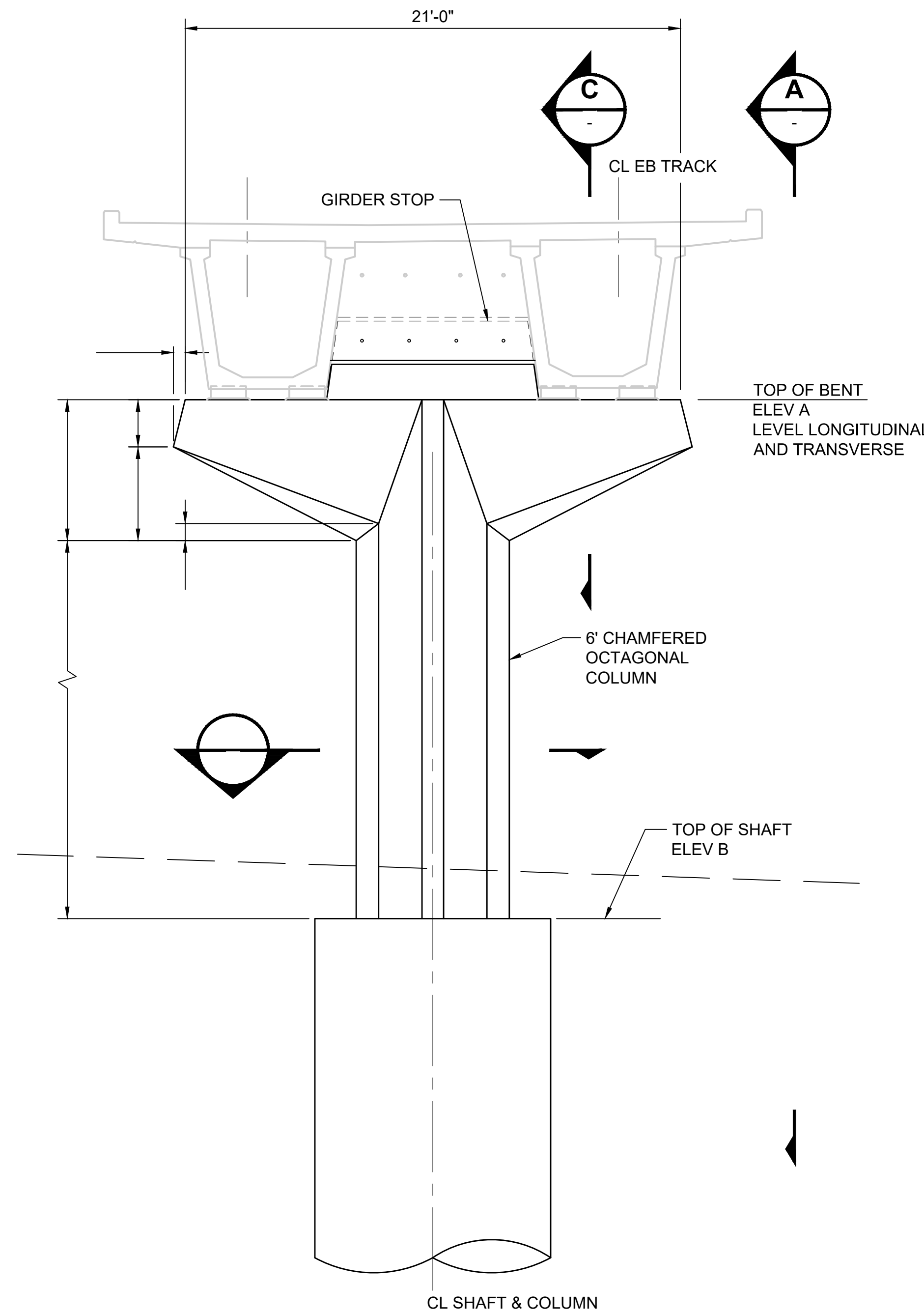
DRAWING No.:	L86-SBD111
LOCATION ID:	E16
SHEET No.:	596
REV:	0

**NOTES:**

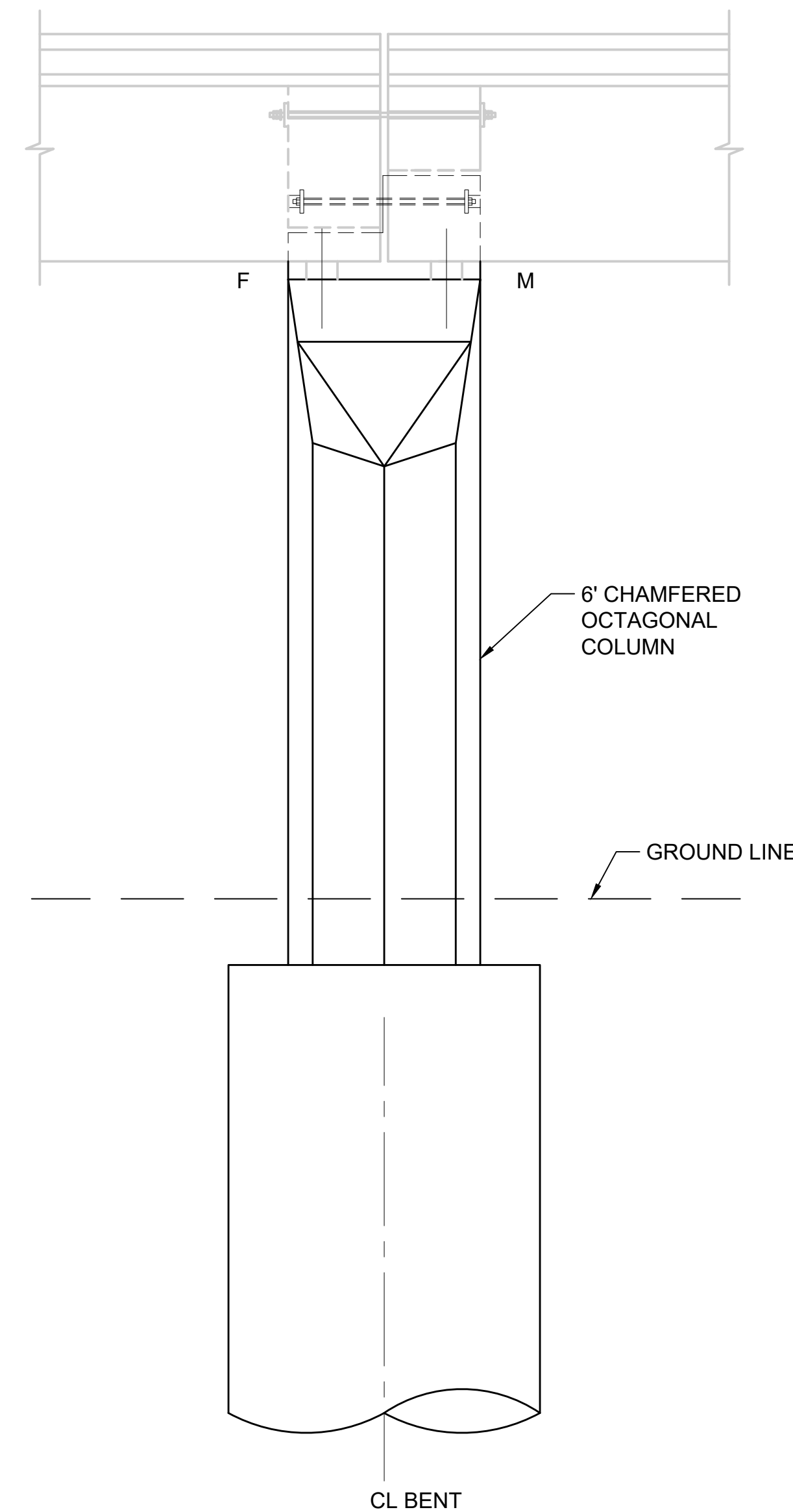
- FOR TOP OF GROUT PAD ELEVATIONS AND BEARING LAYOUT, SEE DRAWING L86-SES101.
- FOR BEARING DETAILS, SEE DRAWINGS L86-SBS101 TO L86-SBS104.
- CONSTRUCT GIRDER STOP AFTER GIRDER PLACEMENT.
- FOR DRAIN PIPE SUPPORT DETAILS, SEE DRAWINGS STD-SED120 AND STD-SED121. FOR DRAIN PIPE DOWN SPOUT LOCATIONS, SEE CIVIL DRAINAGE PLAN DRAWINGS.
- FOR CENTERLINE OF BENT BEARING, SEE DRAWINGS L86-SEP104 AND L86-SEP107.

BENT GEOMETRY				
BENT	ELEV A	ELEV B	BACK STA	AHEAD STA
C03	134.40	111.00	F	M
C26	159.75	140.00	F	M
C27	155.22	138.00	F	M

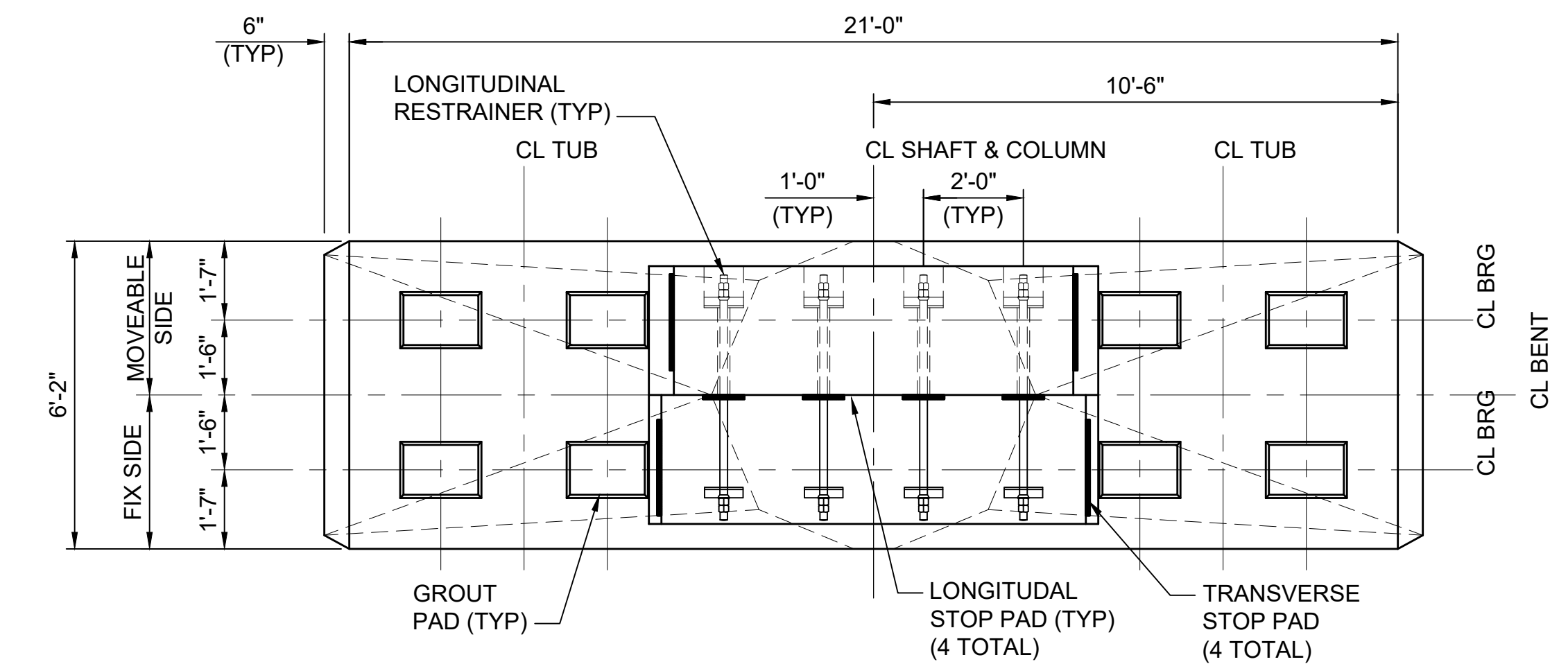
F = FIX SIDE  
M = MOVEABLE SIDE



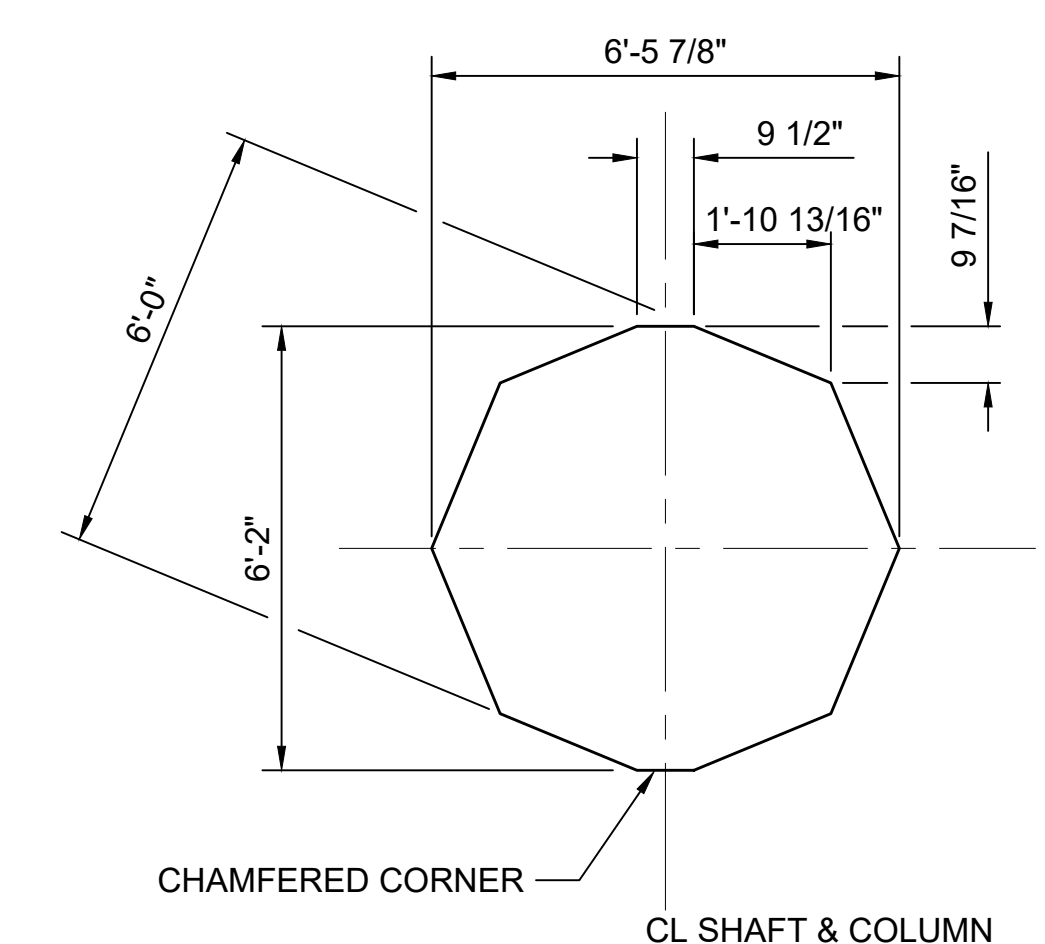
**BENT ELEVATION**  
SCALE: 1/4" = 1'-0"



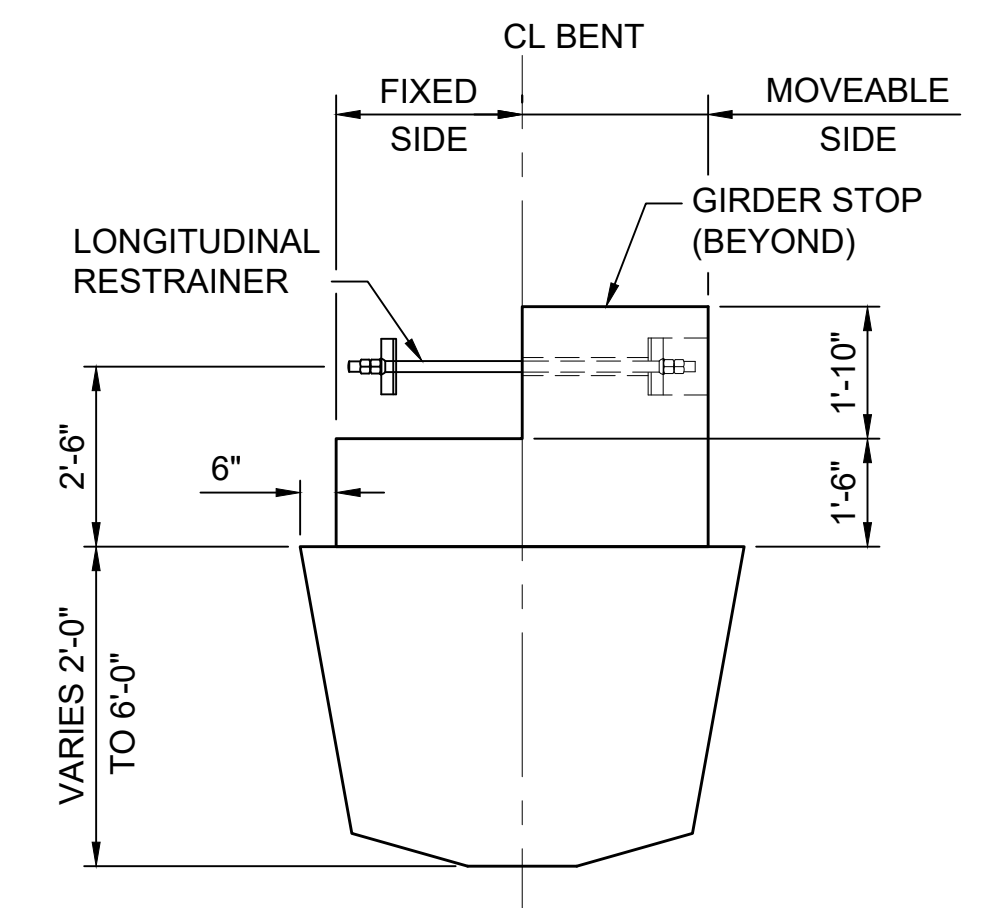
**VIEW**  
SCALE: 1/4" = 1'-0"



**BENT PLAN**  
SCALE: 3/8" = 1'-0"



**SECTION B**  
SCALE: 3/8" = 1'-0"



**SECTION C**  
SCALE: 3/8" = 1'-0"

**FINAL AS BUILT**

DESIGNED BY:  
K. FERGUSON  
DRAWN BY:  
J. RODRIGUEZ  
CHECKED BY:  
R. RUANA  
APPROVED BY:  
M. COWARD

**JACOBS**

**H J H**  
FINAL DESIGN PARTNERS.

LINE IS 1" AT FULL SCALE

**SOUNDTRANSIT**

SUBMITTED BY:  
KEVIN R. COLLINS

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017

SCALE:  
AS NOTED  
FILENAME:  
E335-L86-SBD131  
CONTRACT No.:  
RTA/CN 0045-14C  
DATE:  
06/27/2016

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
STRUCTURES, AERIAL GUIDEWAY - PRECAST TUBS  
DUAL TRACK BENTS C03, C26, C27  
GEOMETRY

DRAWING No.:  
**L86-SBD131**  
LOCATION ID:  
E16/E20  
SHEET No.:  
609  
REV:  
0

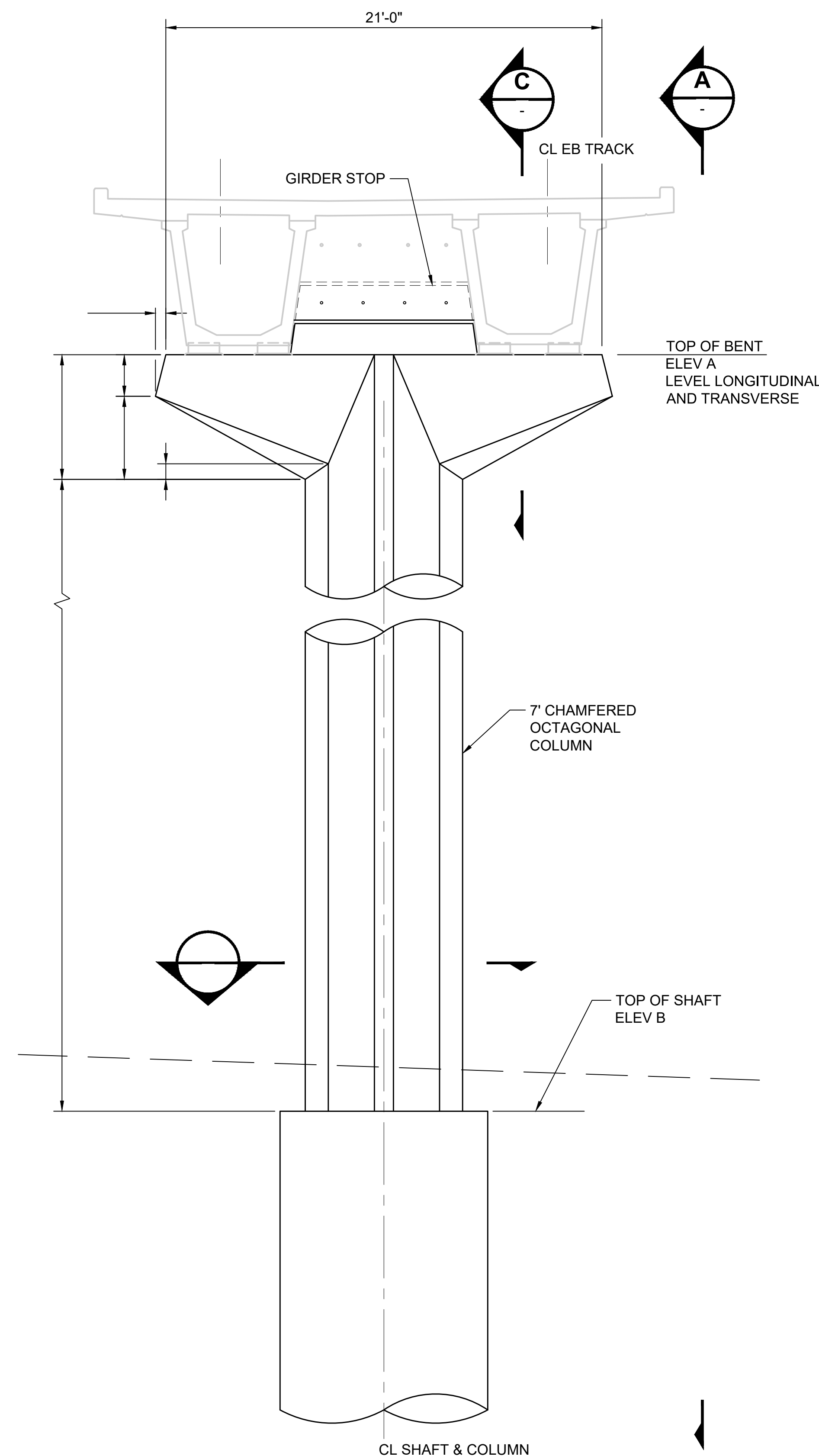


**NOTES:**

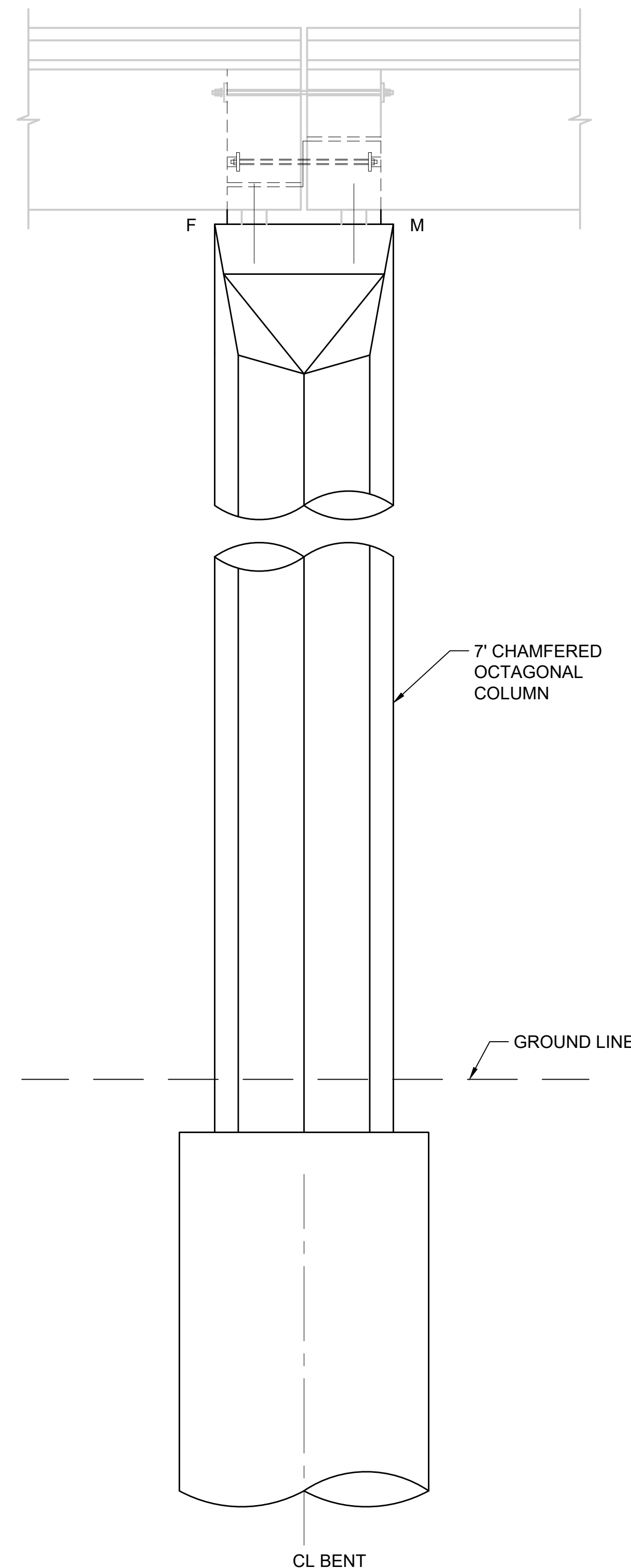
- FOR TOP OF GROUT PAD ELEVATIONS AND BEARING LAYOUT, SEE DRAWING L86-SES101.
- FOR BEARING DETAILS, SEE DRAWINGS L86-SBS101 TO L86-SBS104.
- CONSTRUCT GIRDER STOP IN TWO STEPS AFTER GIRDER PLACEMENT.
- FOR DRAIN PIPE SUPPORT DETAILS, SEE DRAWINGS STD-SED120 AND STD-SED121. FOR DRAIN PIPE DOWN SPOUT LOCATIONS, SEE CIVIL DRAINAGE PLAN DRAWINGS.
- FOR CENTERLINE OF BENT BEARING, SEE DRAWINGS L86-SEP104 TO L86-SEP107.
- FOR C04 AND C07 TRANSITION PIER GEOMETRY AND CAP BEAM REINFORCING SEE DRAWING L86-SHD821.

BENT GEOMETRY				
BENT	ELEV A	ELEV B	BACK STA	AHEAD STA
C04	NOTE 6	105.00	F	M
C07	NOTE 6	90.50	M	M
C08	149.51	92.00	F	M
C09	151.01	92.00	F	M
C12	158.74	112.00	M	F
C13	162.12	117.00	M	F
C14	165.38	123.00	M	F

F = FIX SIDE  
M = MOVEABLE SIDE

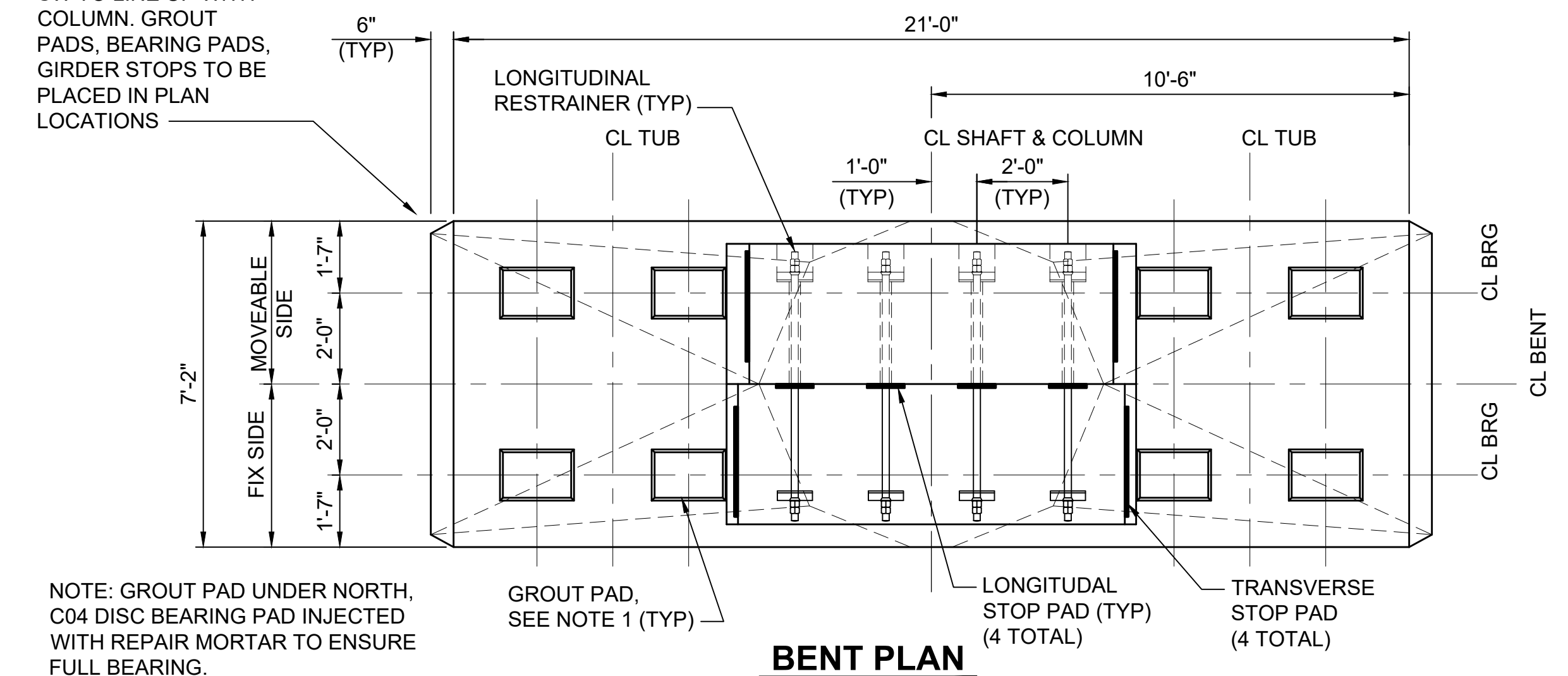


**BENT ELEVATION**  
SCALE: 1/4" = 1'-0"



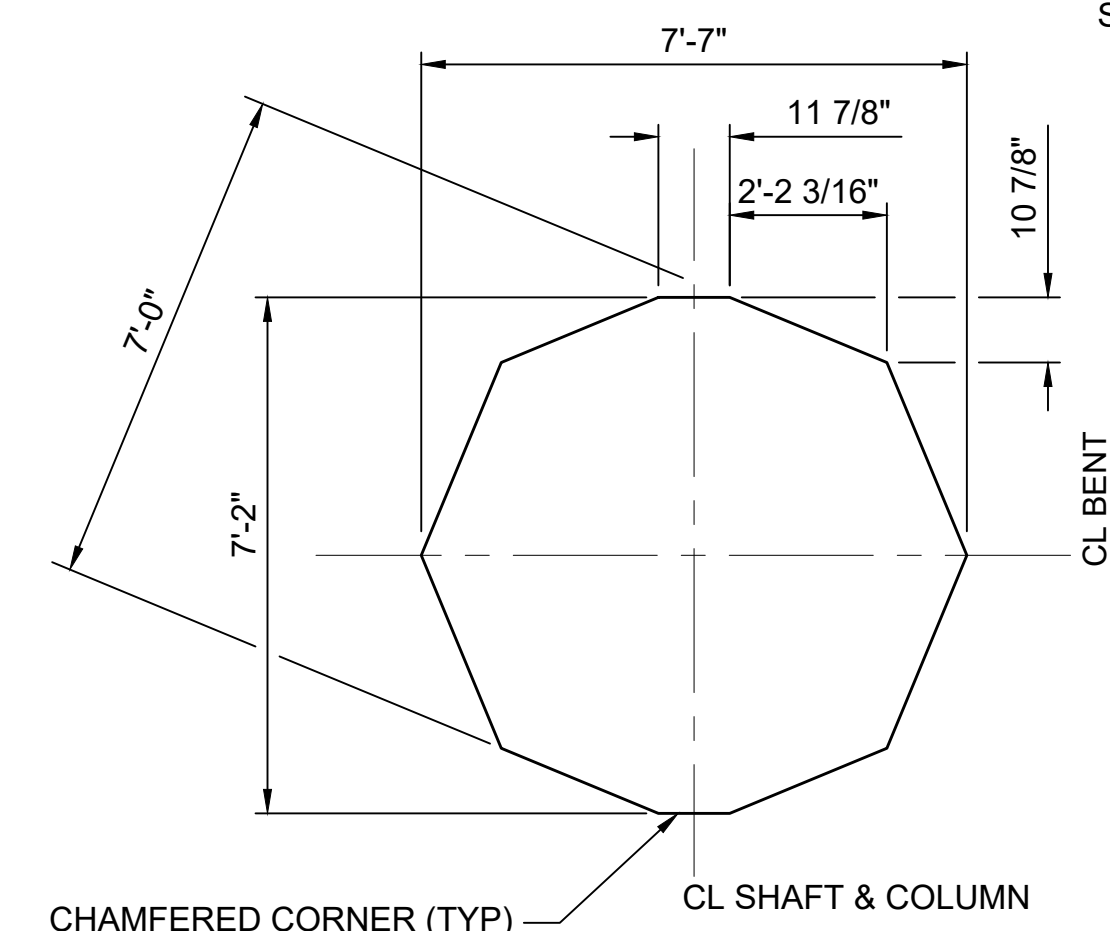
**VIEW**  
SCALE: 1/4" = 1'-0"

C13 CAP SHIFTED APPROXIMATELY 2.5" SW TO LINE UP WITH COLUMN. GROUT PADS, BEARING PADS, GIRDER STOPS TO BE PLACED IN PLAN LOCATIONS

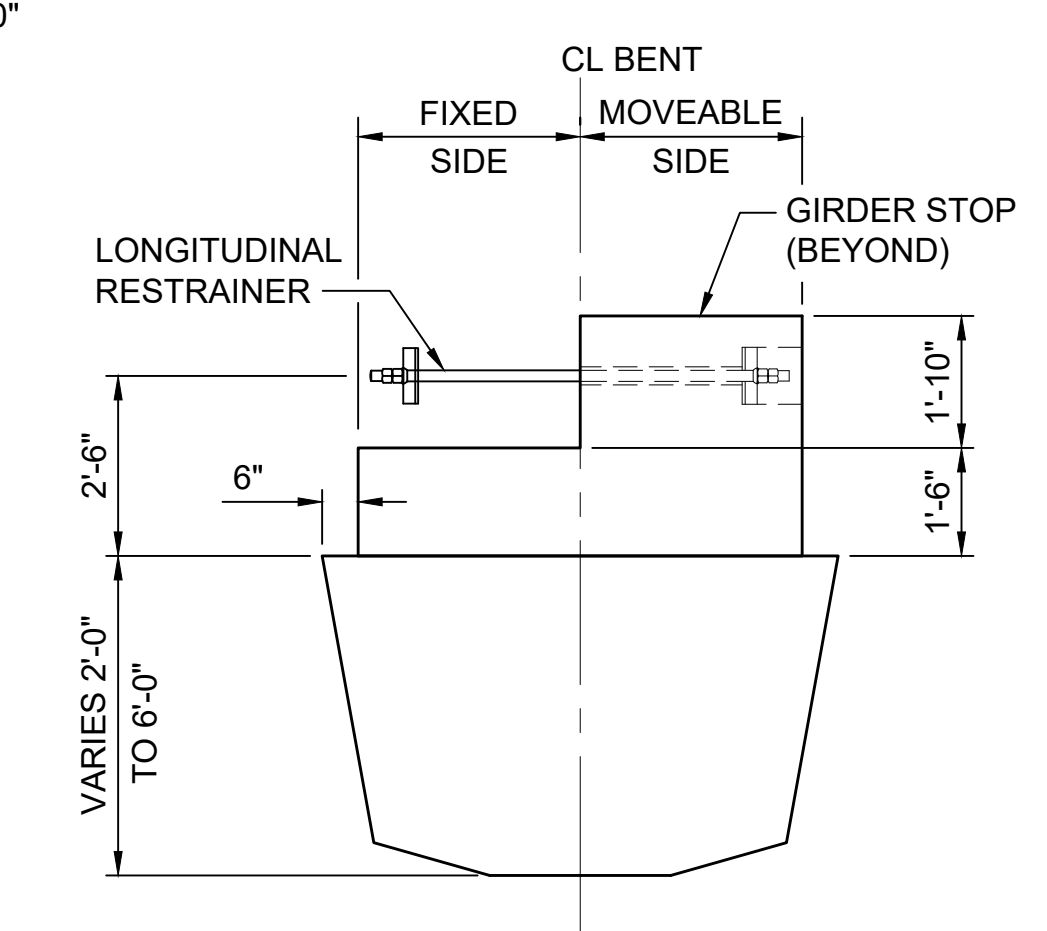


**BENT PLAN**  
SCALE: 3/8" = 1'-0"

NOTE: GROUT PAD UNDER NORTH, C04 DISC BEARING PAD INJECTED WITH REPAIR MORTAR TO ENSURE FULL BEARING.



**SECTION**  
SCALE: 3/8" = 1'-0"



**SECTION**  
SCALE: 3/8" = 1'-0"

**FINAL AS BUILT**

DESIGNED BY:  
K. FERGUSON  
DRAWN BY:  
J. RODRIGUEZ  
CHECKED BY:  
R. RUANA  
APPROVED BY:  
M. COWARD

**JACOBS**

**H J H**  
FINAL DESIGN PARTNERS.

LINE IS 1" AT FULL SCALE

**SOUNDTRANSIT**

SCALE:  
AS NOTED  
FILENAME:  
E335-L86-SBD121  
CONTRACT No.:  
RTA/CN 0045-14C  
DATE:  
06/27/2016

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
STRUCTURES, AERIAL GUIDEWAY - PRECAST TUBS  
DUAL TRACK BENTS C04, C07, C08, C09, C12 - C14  
GEOMETRY

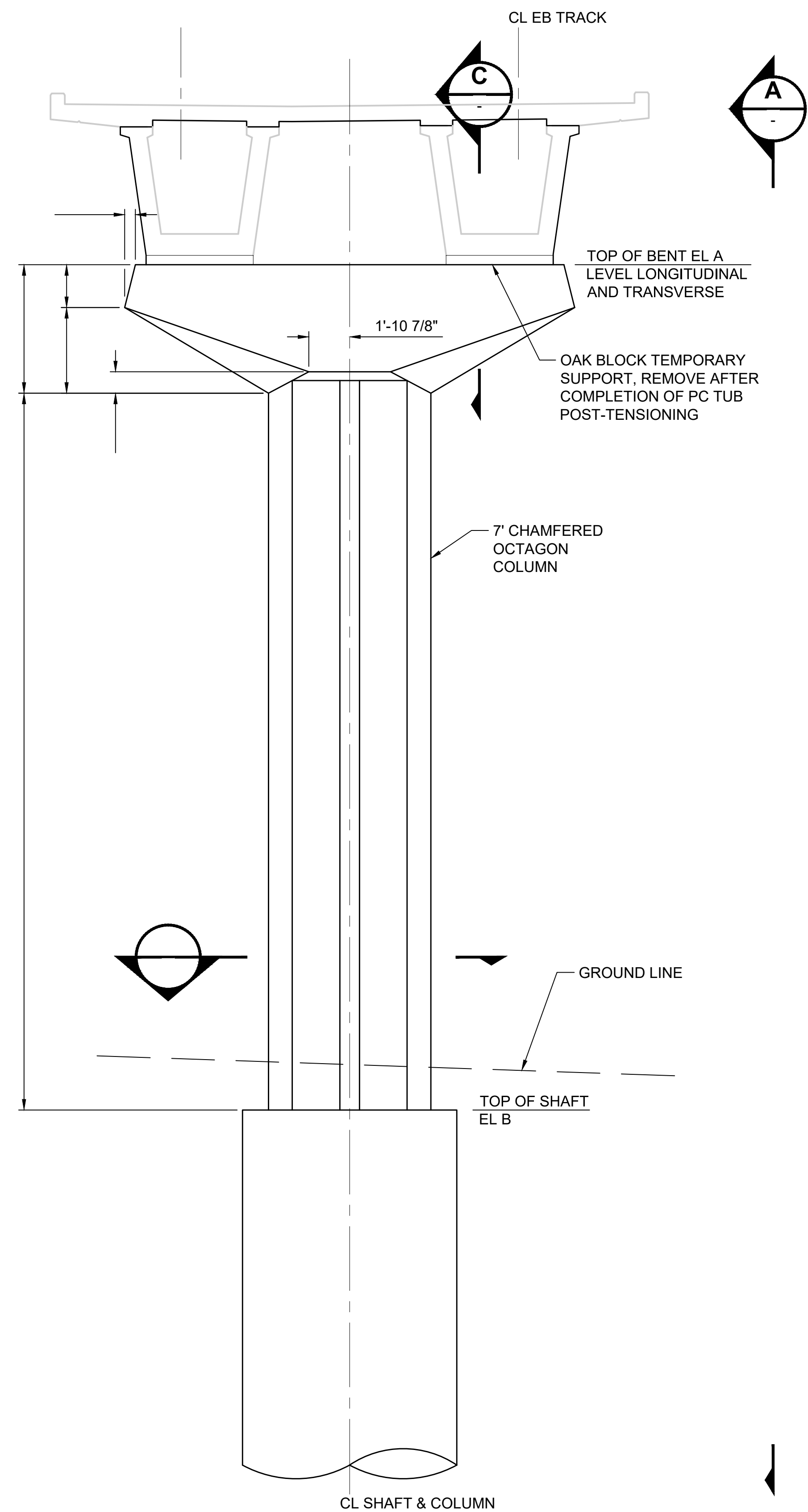
DRAWING No.:  
**L86-SBD121**  
LOCATION ID:  
E16/E18  
SHEET No.:  
604  
REV:  
0

SUBMITTED BY:  
KEVIN R. COLLINS

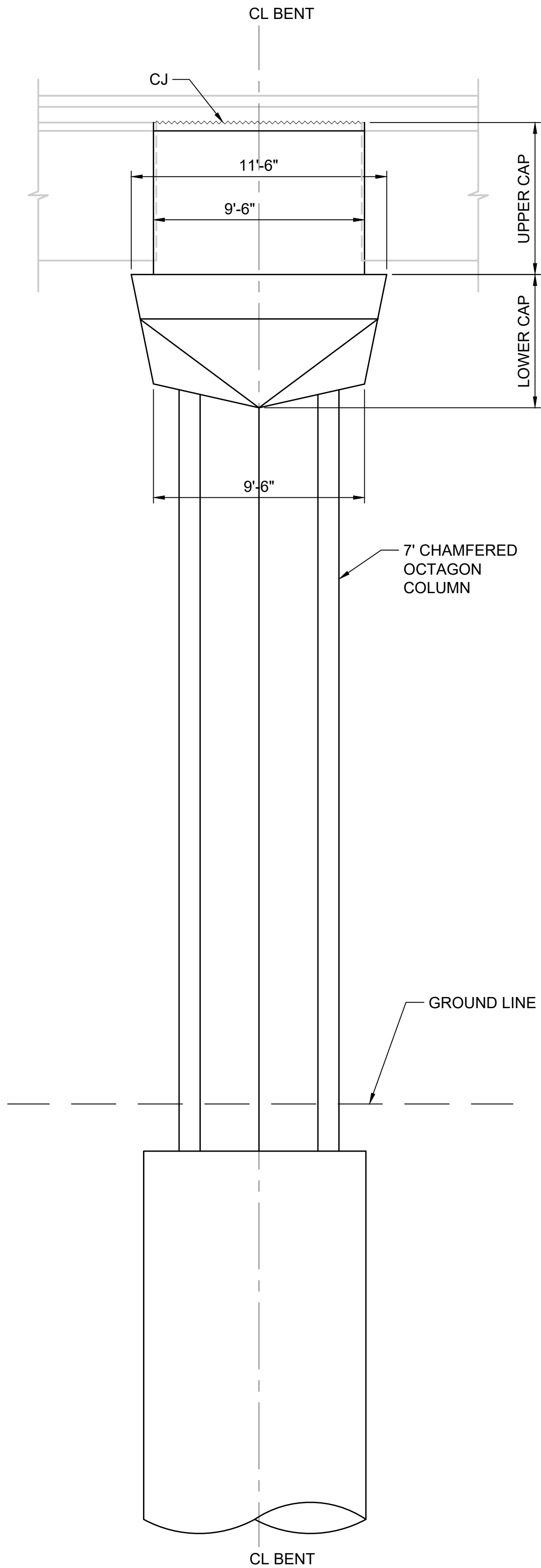
DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

DATE:  
02/2017



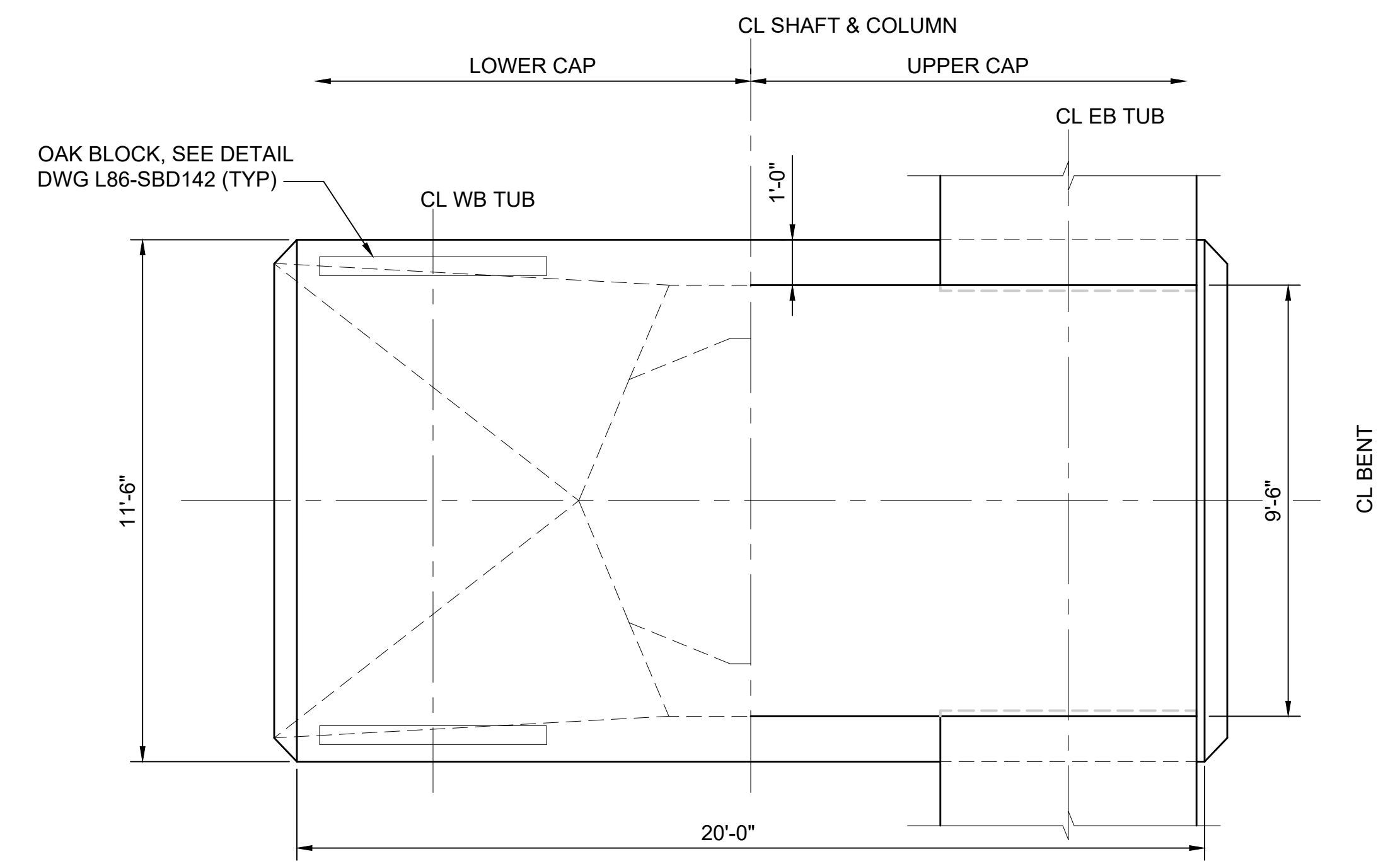
**BENT ELEVATION**  
SCALE: 1/4" = 1'-0"



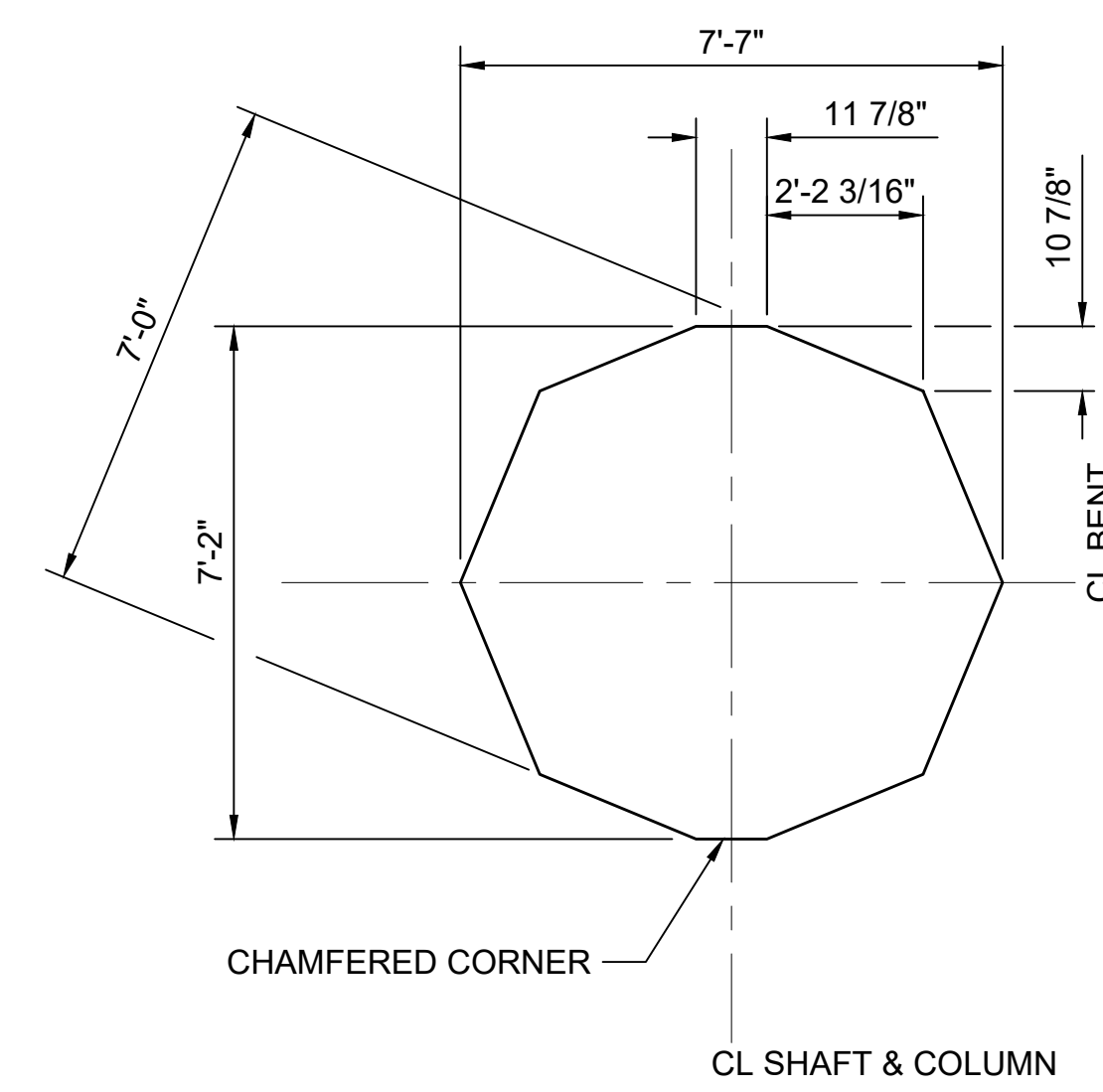
**VIEW**  
SCALE: 1/4" = 1'-0"

BENT GEOMETRY		
BENT	ELEV A	ELEV B
C10	152.75	100.00
C11	156.04	107.00

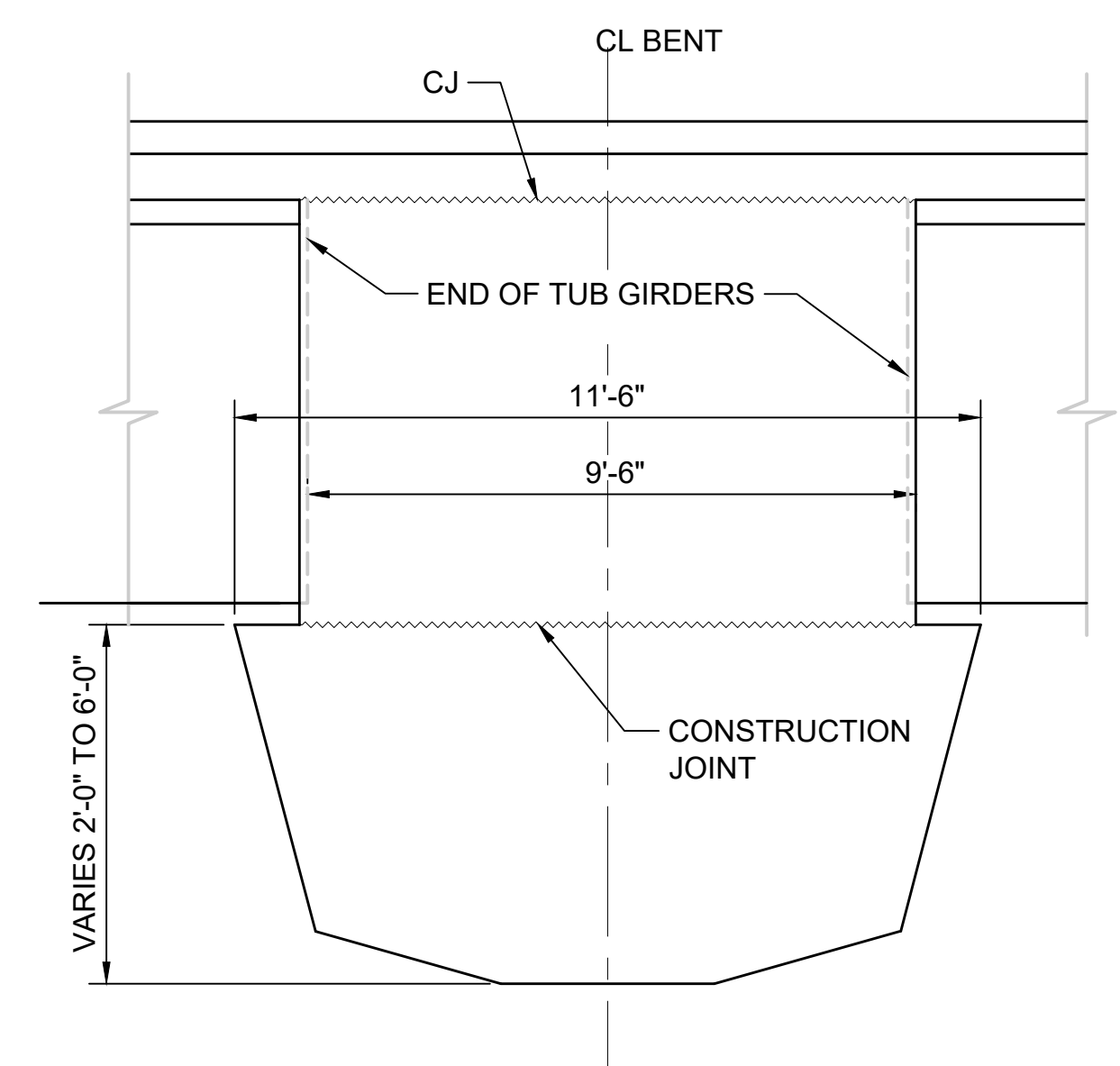
- NOTES:**
- FOR DRAIN PIPE SUPPORT DETAILS, SEE DRAWINGS STD-SED120 AND STD-SED121. FOR DRAIN PIPE DOWN SPOUT LOCATIONS, SEE CIVIL DRAINAGE PLAN DRAWINGS.
  - FOR CENTERLINE OF BENT BEARING, SEE DRAWINGS L86-SEP105.
  - CONCRETE STRENGTH OF UPPER CAP SHALL BE 0.7f<sub>c</sub> AT TIME OF SUPERSTRUCTURE PT STRESSING.



**BENT PLAN**  
SCALE: 3/8" = 1'-0"



**SECTION B**  
SCALE: 3/8" = 1'-0"



**SECTION C**  
SCALE: 3/8" = 1'-0"

<b>FINAL AS BUILT</b>		DESIGNED BY: K. FERGUSON
		DRAWN BY: J. RODRIGUEZ
		CHECKED BY: R. RUANA
		APPROVED BY: M. COWARD

**JACOBS**

SUBMITTED BY:  
KEVIN R. COLLINS

**H J H**

FINAL DESIGN PARTNERS.

DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN

**SOUNDTRANSIT**

SCALE:  
AS NOTED

FILENAME:  
E335-L86-SBD141

CONTRACT No.:  
RTA/CN 0045-14C

DATE:  
02/2017

**EAST LINK EXTENSION  
CONTRACT E335**

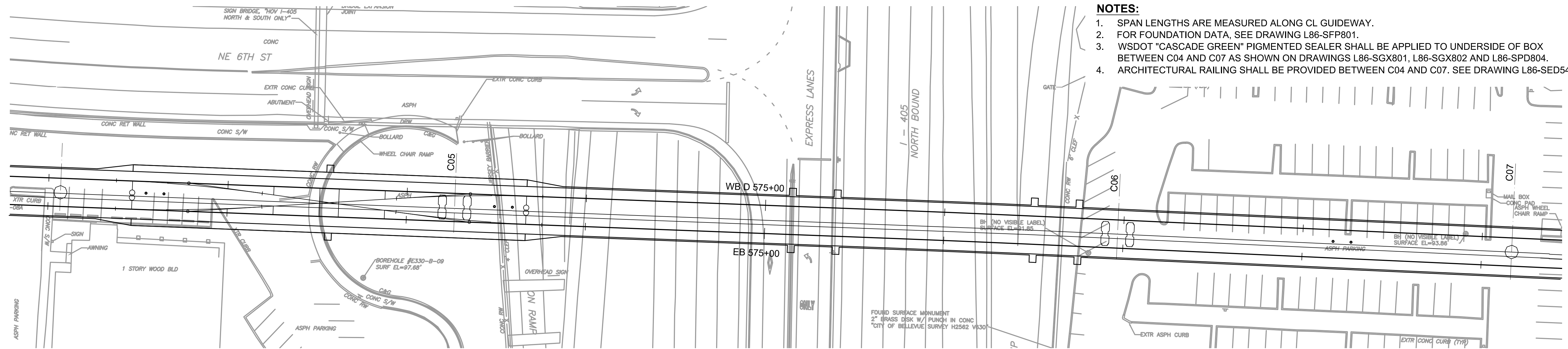
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
STRUCTURES, AERIAL GUIDEWAY - PRECAST TUBS  
BENT C10 AND C11  
GEOMETRY

DRAWING No.:	L86-SBD141
LOCATION ID:	E18
SHEET No.:	613
REV:	0

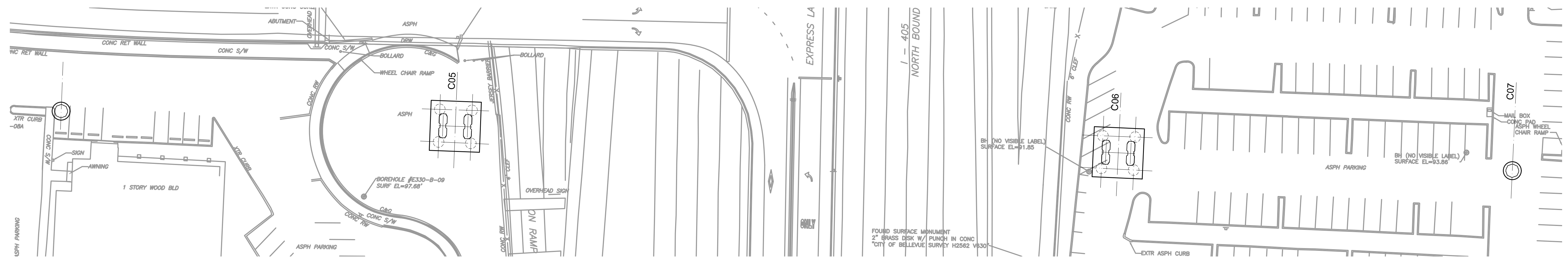


**NOTES:**

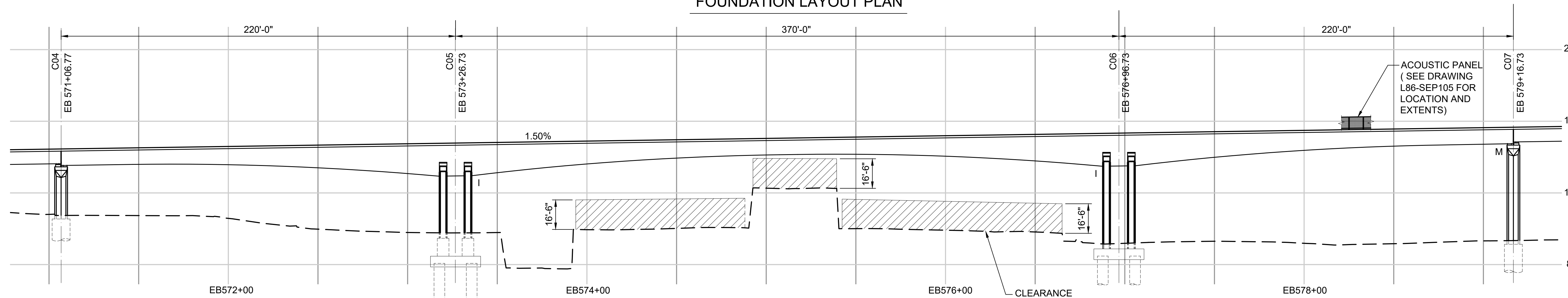
1. SPAN LENGTHS ARE MEASURED ALONG CL GUIDEWAY.
2. FOR FOUNDATION DATA, SEE DRAWING L86-SFP801.
3. WSDOT "CASCADE GREEN" PIGMENTED SEALER SHALL BE APPLIED TO UNDERSIDE OF BOX BETWEEN C04 AND C07 AS SHOWN ON DRAWINGS L86-SGX801, L86-SGX802 AND L86-SPD804.
4. ARCHITECTURAL RAILING SHALL BE PROVIDED BETWEEN C04 AND C07. SEE DRAWING L86-SED540 FOR DETAILS.



**GUIDEWAY PLAN**



**FOUNDATION LAYOUT PLAN**



**ELEVATION**

**BEARING FIXITY:**  
INTEGRAL I  
MOVEMENT M



DESIGNED BY:	J. SMITH
DRAWN BY:	D. KURSHINSKI
CHECKED BY:	C. HALL
APPROVED BY:	M. COWARD
ISSUED FOR CONSTRUCTION	

DESIGNED BY:	J. SMITH
DRAWN BY:	D. KURSHINSKI
CHECKED BY:	C. HALL
APPROVED BY:	M. COWARD

DESIGNED BY:	J. SMITH
DRAWN BY:	D. KURSHINSKI
CHECKED BY:	C. HALL
APPROVED BY:	M. COWARD

**INTERNATIONAL BRIDGE TECHNOLOGIES, Inc.**

SUBMITTED BY: KEVIN R. COLLINS

**H J H**

FINAL DESIGN PARTNERS.

DATE: 02/2017

REVIEWED BY: A. DEWITT JENSEN

**SOUNDTRANSIT**

DATE: 02/2017

SCALE:	AS NOTED
FILENAME:	E335-L86-SGE801
CONTRACT No.:	RTA/CN 0045-14C
DATE:	02/2017

**EAST LINK EXTENSION CONTRACT E335**

DOWNTOWN BELLEVUE TO SPRING DISTRICT

I-405 CROSSING

STRUCTURAL - PLAN AND PROFILE

STA EB 568+00 TO STA EB 579+50

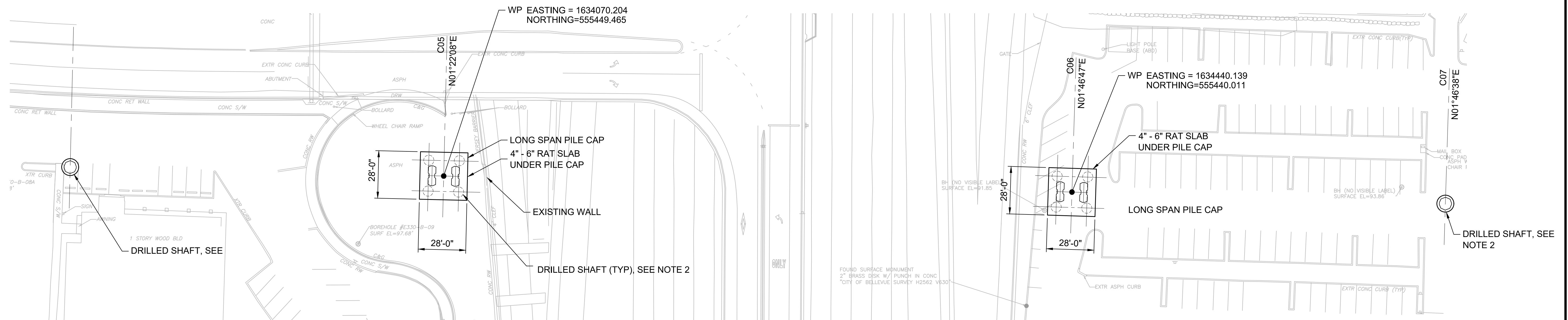
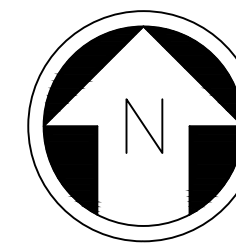
DRAWING No.:	L86-SGE801
LOCATION ID:	E16/E18
SHEET No.:	712
REV:	0





**NOTES:**

1. FOR FOUNDATION C05, C06 DETAILS, SEE DRAWING L86-SFD801.
2. FOR MAIN FOUNDATION DRILLED SHAFTS, SEE DRAWING L86-SVD801. FOR C04 AND C07, SEE DRAWING L86-SFS001.
3. FOUNDATIONS SHALL BE ORIENTED AT 90° FROM BEARING.

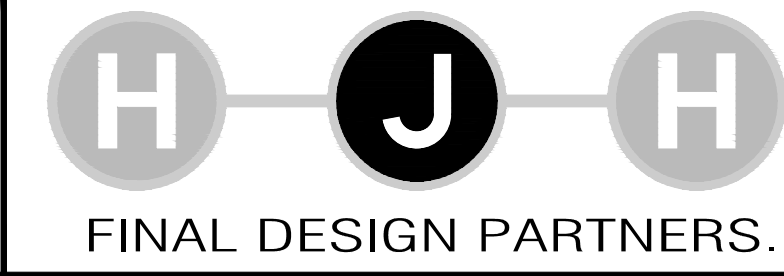


**FINAL AS BUILT**

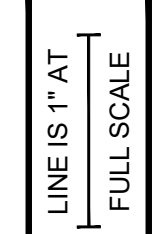
DESIGNED BY:  
J. SMITH  
DRAWN BY:  
D. KURSHINSKI  
CHECKED BY:  
C. HALL  
APPROVED BY:  
M. COWARD



SUBMITTED BY:  
KEVIN R. COLLINS



DATE:  
02/2017  
REVIEWED BY:  
A. DEWITT JENSEN

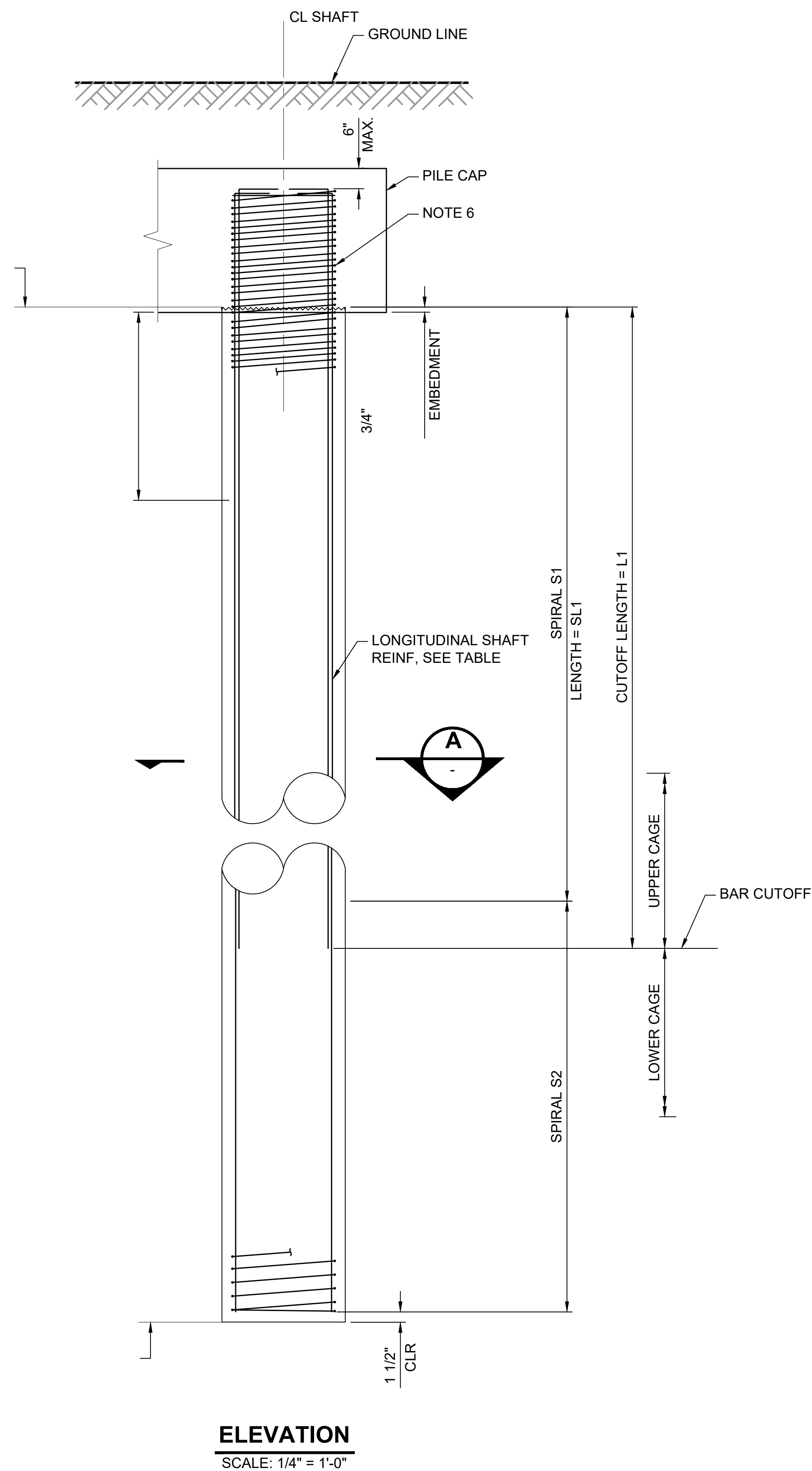


DATE:  
02/2017

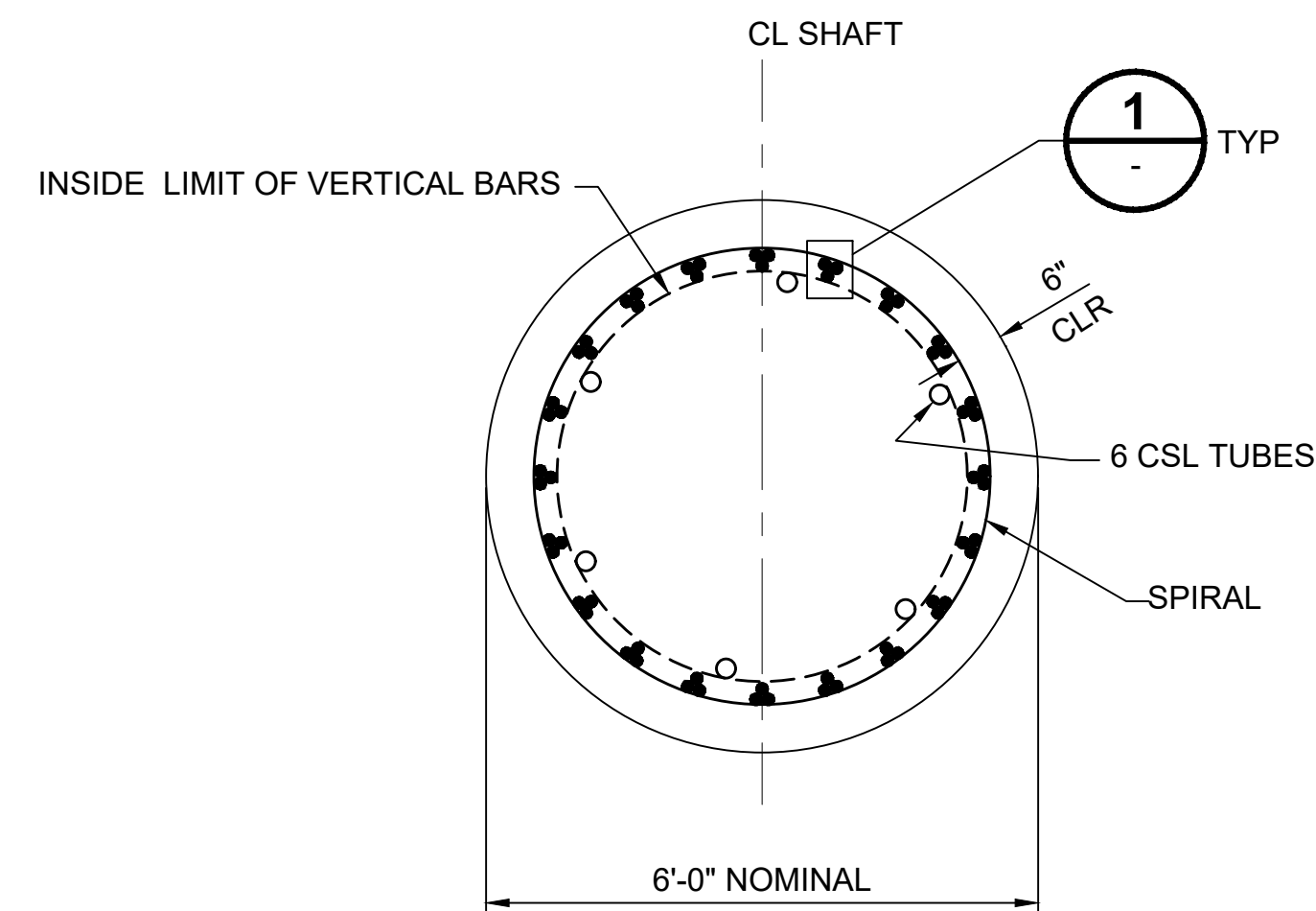
SCALE:  
AS NOTED  
FILENAME:  
E335-L86-SFP801  
CONTRACT No.:  
RTA/CN 0045-14C  
DATE:  
02/2017

**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
I-405 CROSSING  
STRUCTURAL  
FOUNDATION LAYOUT

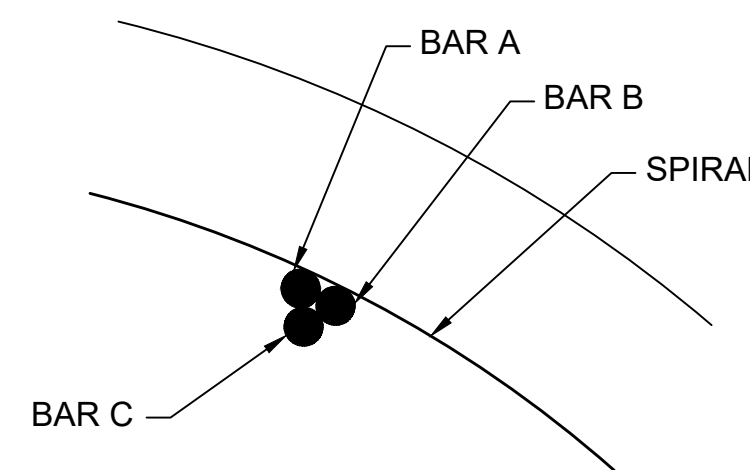
DRAWING No.:  
**L86-SFP801**  
LOCATION ID:  
E16/E18  
SHEET No.:  
715  
REV:  
0



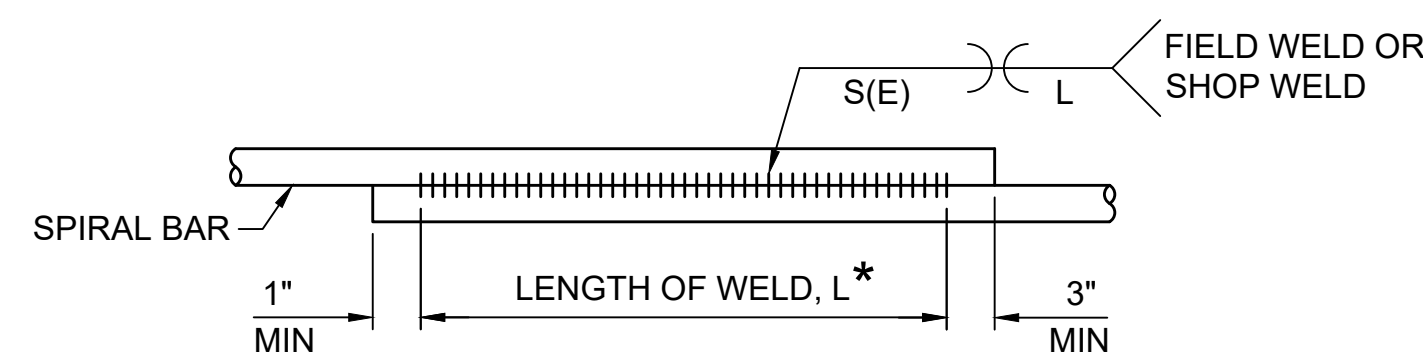
**ELEVATION**  
SCALE: 1/4" = 1'-0"



**SECTION A**  
SCALE: 1/2" = 1'-0"



**DETAIL 1**  
SCALE: NTS



**SPIRAL WELDED LAP SPLICE DETAIL**  
SCALE: NTS

**NOTES:**

- IF ROTATOR OR OSCILLATOR METHODS OF DRILLING ARE USED WITH METRIC DRILLING CASING, SHAFT SIZES AND REINFORCING CLEAR COVER MAY BE ADJUSTED WITHIN LIMITS DEFINED IN CONTRACT SPECIFICATIONS.
- ALL LAP SPLICES IN SPIRAL REINFORCING SHALL BE WELDED PER DETAIL ON THIS DRAWING.
- IF REQUIRED, MINIMUM LAP SPLICE LENGTHS IN LONGITUDINAL REINFORCING SHALL BE 60 BAR DIAMETERS. ALL LAP SPLICES SHALL BE STAGGERED. WHERE BARS ARE BUNDLED, SPLICES WITHIN EACH BUNDLE SHALL BE STAGGERED. LAP SPLICES OF 3 BAR BUNDLES ARE NOT ALLOWED.
- DURING PLACEMENT OF CONCRETE, ENSURE FLOW THROUGH SPIRALS NOTING UPPER 30' IS SPACED AT 4"
- GEOTECHNICAL ENGINEER TO VERIFY SHAFT BOTTOM ELEVATIONS IF DIFFERING GROUND CONDITIONS ARE IDENTIFIED AFTER SHAFT DRILLING.
- ADD 1 EACH 6 FOOT #6 VERTICAL HOOKED BAR PER BUNDLE AT THE TOP OF THE C06 NE SHAFT.

**SHAFT ELEVATIONS:**

	TOP	BOT
C05	77.93'	-46.07'
C06	81.99'	-16.01'

**LONGITUDINAL SHAFT REINFORCEMENT**

PIER	CAGE TYPE	# BUNDLES	UPPER CAGE					LOWER CAGE			
			TOTAL REINF	BAR A	BAR B	BAR C	L1	TOTAL REINF	BAR A	BAR B	BAR C
C05	1	20	60	#11	#11	#11	50'	40	#11	#11	N/A
C06	1	20	60	#11	#11	#11	50'	40	#11	#11	N/A

**TRANSVERSE SHAFT REINFORCEMENT**

PIER	CAGE TYPE	SPIRAL S1			SPIRAL S2	
		BAR SIZE	PITCH	SL1	BAR SIZE	PITCH
C05	1	#6	4"	30'	#6	6"
C06	1	#6	4"	30'	#6	6"

**DIMENSIONS**

**SPIRAL WELDED LAP SPLICE**

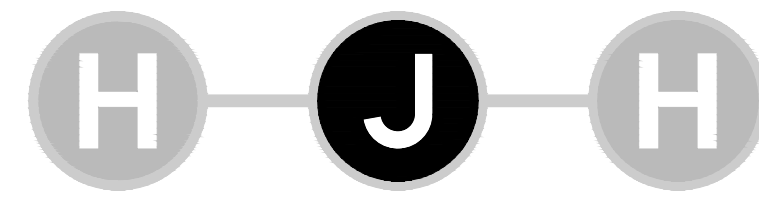
SIZE	S (in)	E (in)	LENGTH, L (in)
#6	3/8	3/16	8

**FINAL AS BUILT**

DESIGNED BY:  
C. HALL  
DRAWN BY:  
D. KURSHINSKI  
CHECKED BY:  
M. SMART  
APPROVED BY:  
M. COWARD



SUBMITTED BY:  
KEVIN R. COLLINS



DATE:  
02/2017

REVIEWED BY:  
A. DEWITT JENSEN



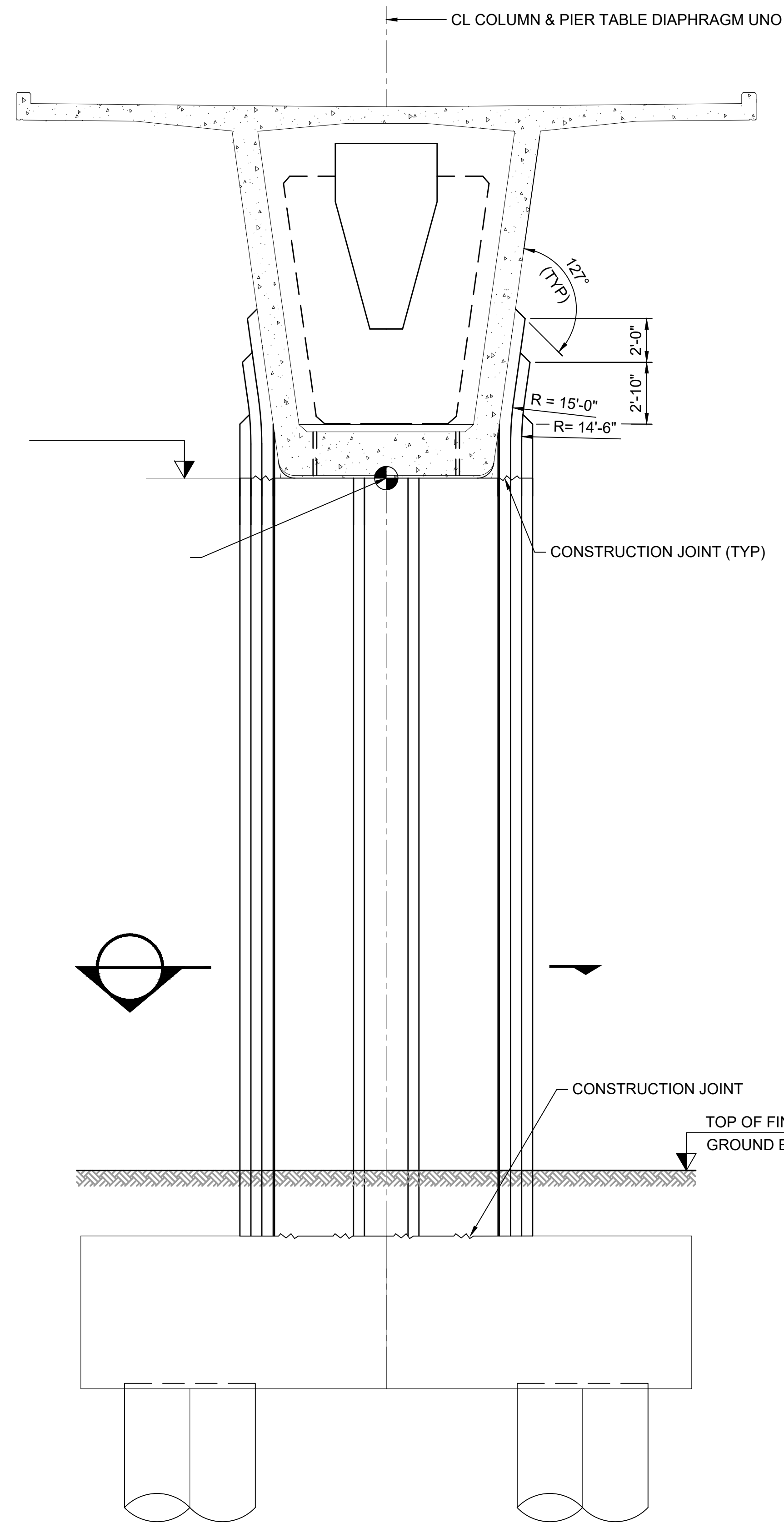
DATE:  
02/2017

SCALE:  
AS NOTED  
FILENAME:  
E335-L86-SVD801  
CONTRACT No.:  
RTA/CN 0045-14C  
DATE:  
06/27/2016

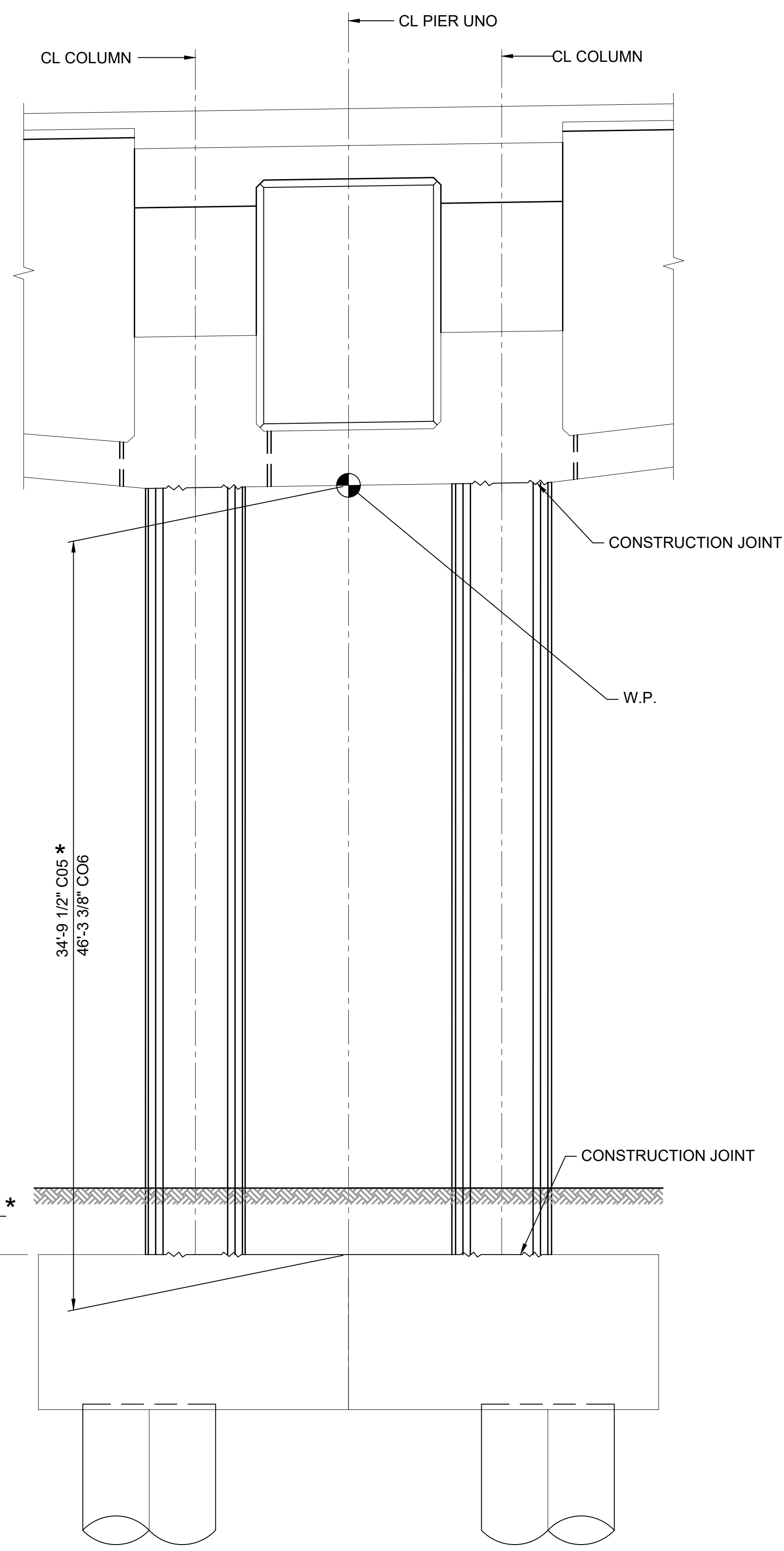
**EAST LINK EXTENSION  
CONTRACT E335**  
DOWNTOWN BELLEVUE TO SPRING DISTRICT  
I-405 CROSSING  
DRILLED SHAFTS  
DETAILS

DRAWING No.:  
**L86-SVD801**  
LOCATION ID:  
E16/E18  
SHEET No.:  
721  
REV:  
0





**TRANSVERSE ELEVATION**  
SCALE: 1/4" = 1'-0"

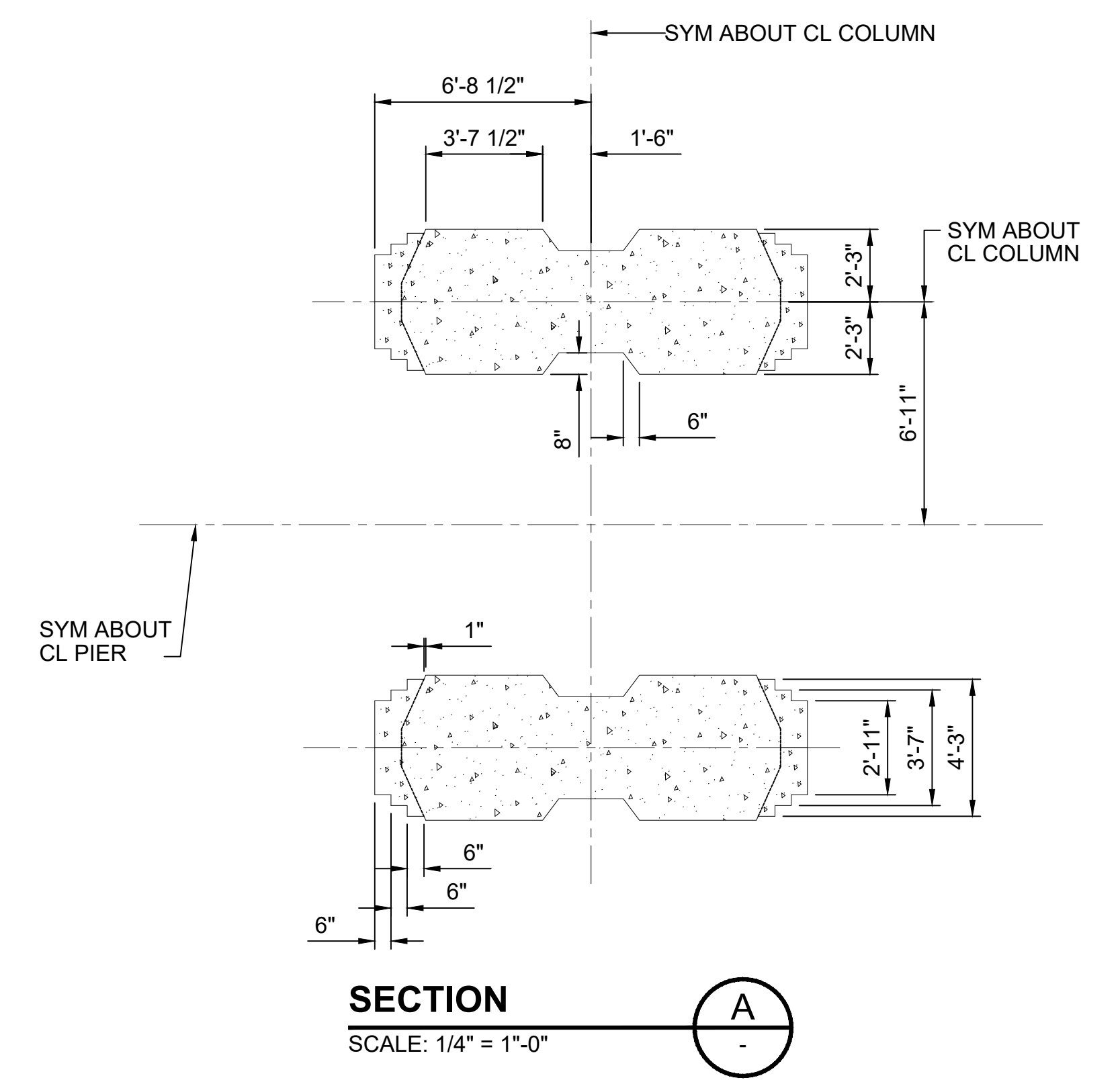


**LONGITUDINAL ELEVATION**  
SCALE: 1/4" = 1'-0"

- NOTES:**
1. COLUMN C06 SHOWN. REFER TO DRAWING L86-SFD815 FOR PEDESTAL VARIATION AT C05.
  2. FINISHED GROUND TAKEN AT CENTER OF PIER.
  3. COLUMN C05 BOTTOM OF COLUMN ELEVATION TAKEN AT TOP OF PEDESTAL. SEE DRAWING L86-SFD815.

ELEVATION TABLE		
LOCATION	C05	C06
TOP OF COLUMN	129.43	134.98
FINISHED GROUND	97.68	91.74
BOT OF COLUMN	94.68*	88.74

\* SEE NOTE 3



**SECTION A**  
SCALE: 1/4" = 1'-0"

<b>FINAL AS BUILT</b>				DESIGNED BY:	J. SMITH
				DRAWN BY:	D. KURSHINSKI
				CHECKED BY:	C. HALL
				APPROVED BY:	M. COWARD

INTERNATIONAL BRIDGE TECHNOLOGIES, Inc.

SUBMITTED BY: KEVIN R. COLLINS

H J H

FINAL DESIGN PARTNERS.

DATE: 02/2017

REVIEWED BY: A. DEWITT JENSEN

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: AS NOTED

FILENAME: E335-L86-SHD801

CONTRACT No.: RTA/CN 0045-14C

DATE: 02/2017

**EAST LINK EXTENSION CONTRACT E335**

DOWNTOWN BELLEVUE TO SPRING DISTRICT

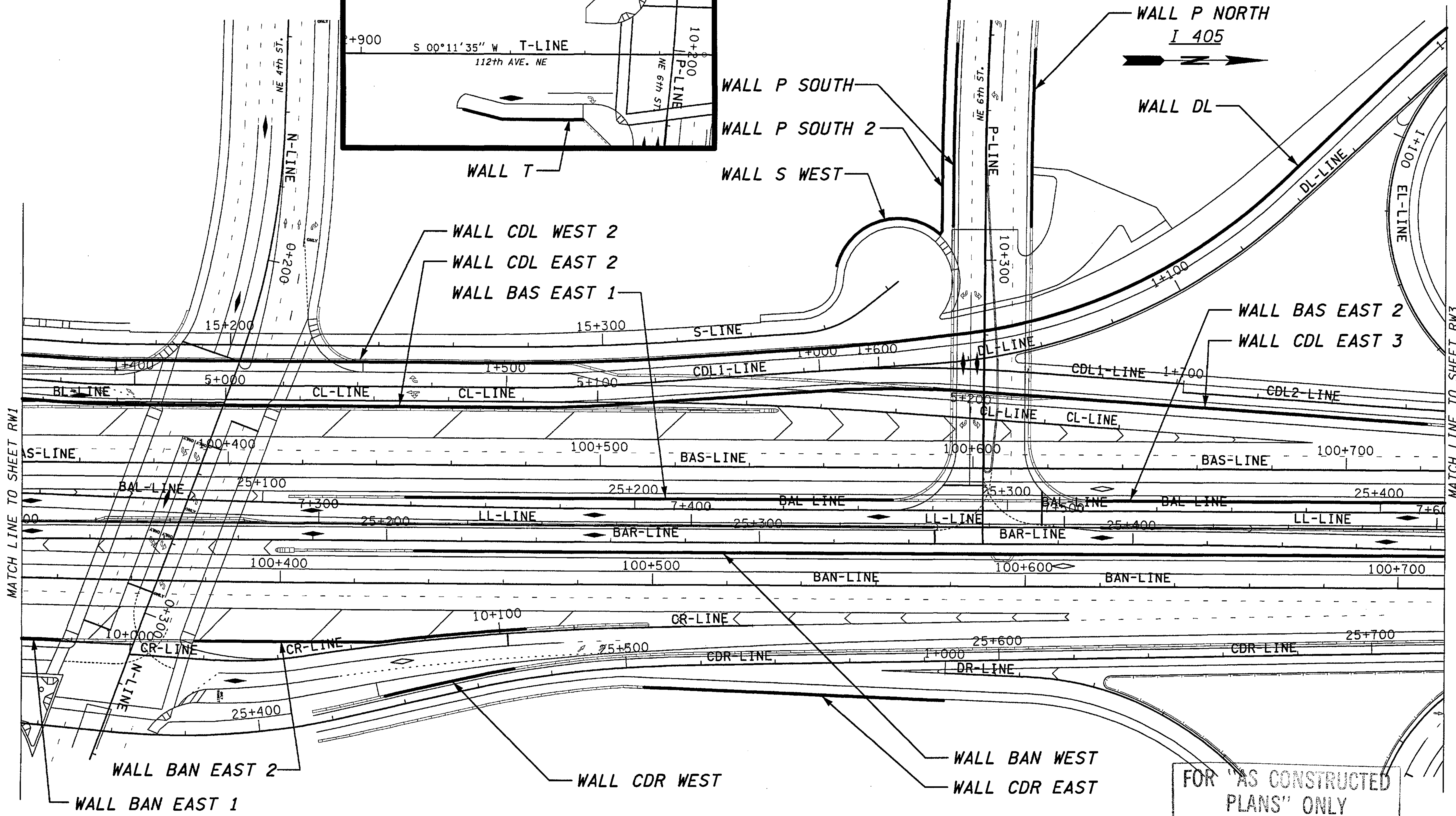
1-405 CROSSING MAIN PIER DIMENSIONS

DRAWING No.:	L86-SHD801
LOCATION ID:	E16/E18
SHEET No.:	722
REV:	0

C:\PWTEMP\dms00358\RW002\_C2.DGN

I 405 JOB NO. SHEET  
keller 12/03/2002 10:36:46 AM

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE



FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

BRIDGE DESIGN ENGR.					
SUPERVISOR					
DESIGNED BY	KWS	12/02			
ENTERED BY	MJB	12/02			
CHECKED BY	JHS	12/02			
PROJ. D. DYER, D. CIERI		12/02			
REGIONAL ADM. D. DYE		12/02			
DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING  
SERVICE CENTER

TERRELL H. SZYMECZEK  
3223  
PROFESSIONAL ENGINEER  
12/03/02

Washington State  
Department of Transportation

HDR  
ENGINEERING INC.

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

RETAINING WALL KEY PLAN

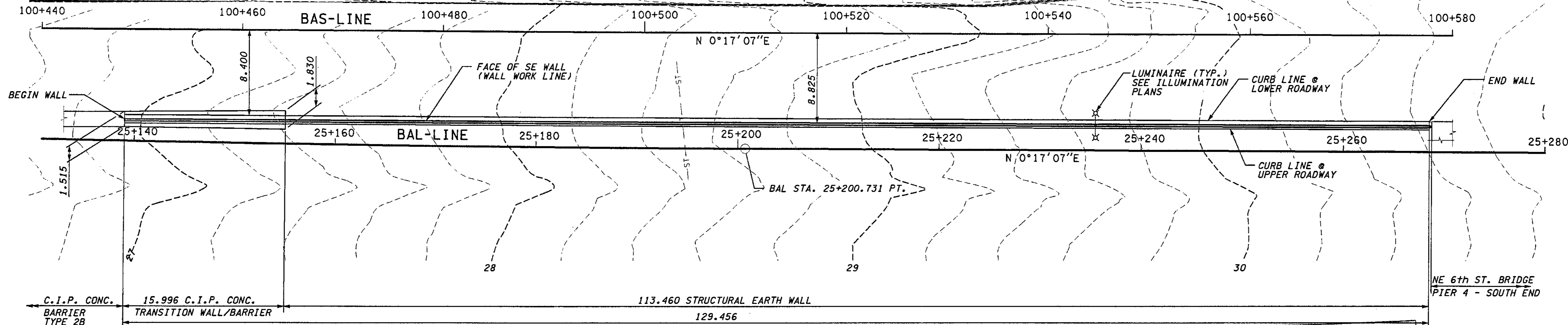
BRIDGE SHEET NO.  
RW2

SHEET  
387  
OF  
452  
SHEETS



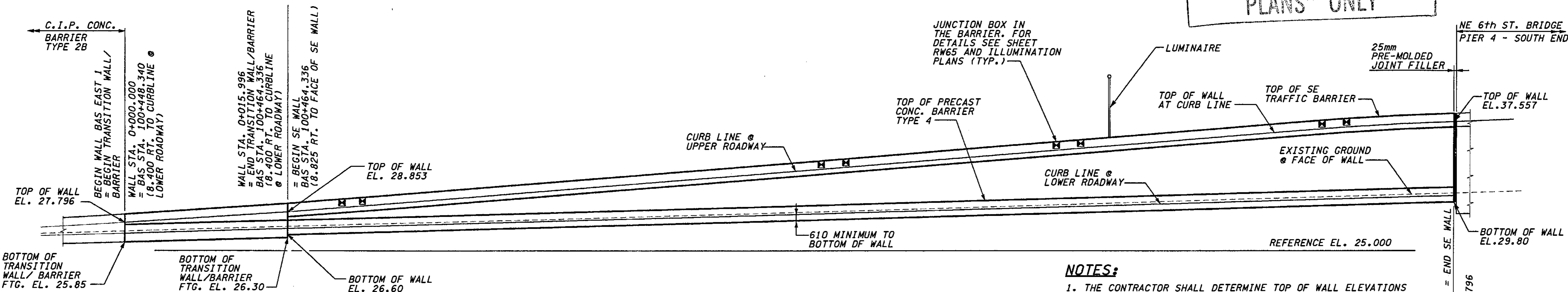
SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405



PLAN - WALL BAS EAST 1

FOR "AS CONSTRUCTED PLANS" ONLY



NOTES:

1. THE CONTRACTOR SHALL DETERMINE TOP OF WALL ELEVATIONS (ELEVATIONS BETWEEN THOSE SHOWN IN THE PLANS) FROM BAL-LINE PROFILE & SUPERELEVATION DIAGRAM, SEE SHEET RP6.
2. FOR WALL TYPICAL SECTION, SEE SHEET RW45.
3. FOR LOCATION OF LUMINAIRE AND JUNCTION BOXES REFER TO ILLUMINATION PLANS.
4. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON OUTSIDE FACE OF SEW TRAFFIC BARRIER SEE SHEET RW6 (SIMILAR).
5. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON TOP OF SEW TRAFFIC BARRIER SEE SHEET RW24 (SIMILAR).
6. C.I.P. CONC. TRANSITION WALL/BARRIER SHALL BE SIMILAR TO C.I.P. CONC. BARRIER TYPE 2B - SEE SHEET BD1. VARY DIMENSIONS UNIFORMLY BETWEEN CONC. BARRIER TYPE 2B AND SEW WALL. BARS MARK #14 AND 15 SHALL BE #5 @ 230.

REFLECTED ELEVATION - WALL BAS EAST 1

(SEE ATTACHED SHEETS)  
RW41A - RW41D

JUNCTION BOX LOCATIONS

RETAINING WALL BAS EAST 1			
STATION	BAL-LINE	TYPE	LOCATION
25+160.00	SPARE	460x205x205	IN BARRIER
25+162.40	SPARE	460x205x205	IN BARRIER
25+207.00	SPARE	460x205x205	IN BARRIER
25+209.40	SPARE	460x205x205	IN BARRIER
25+230.00	SPARE	460x205x205	IN BARRIER
25+232.40	LT	460x205x205	IN BARRIER
25+256.00	SPARE	460x205x205	IN BARRIER
25+258.40	SPARE	460x205x205	IN BARRIER

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	KJW 12/02	JOB NUMBER	02A012	
ENTERED BY	JAS 12/02	CONTRACT NO.		
CHECKED BY	JHS 12/02	DATE	DATE	REVISION
PROJ. DYER, D. CIERI	12/02			
REGIONAL ADM. D. DYE	12/02			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL BAS EAST 1

BRIDGE SHEET NO.	RW41
SHEET NO.	427
TOTAL SHEETS	1152

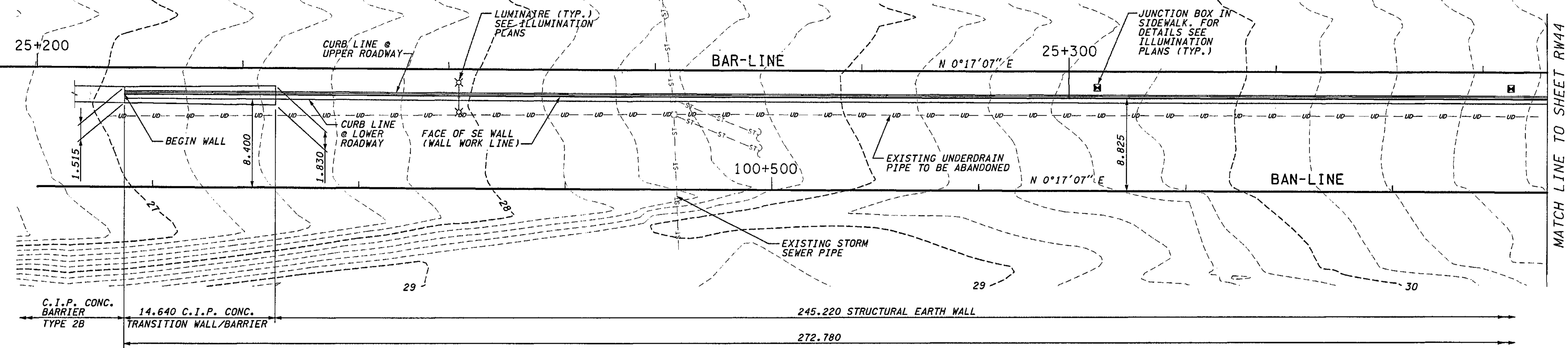
C:\PWTEMP\dms00358\RWO41\_C2.DGN

02:05:17 PM

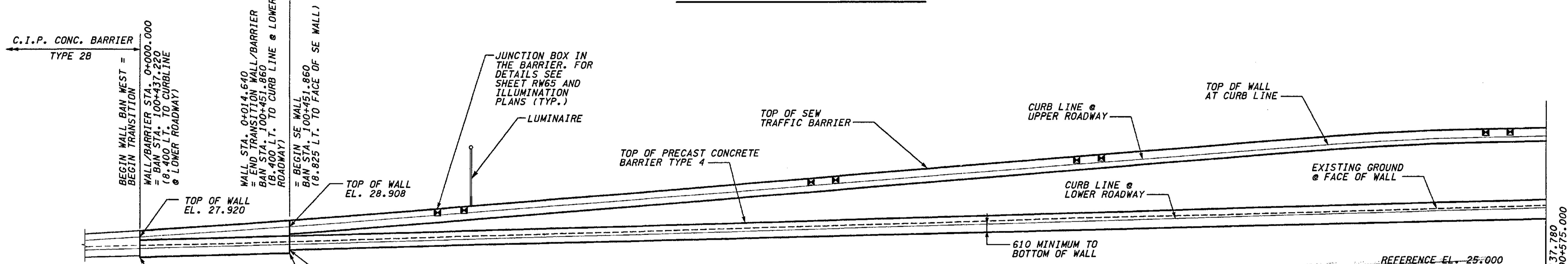
I 405 JOB NO. SHEET 12/06/2002

SECTION 32, T25N, R5E, W.M.  
CITY OF BELLEVUE

I 405



PLAN - WALL BAN WEST



ELEVATION - WALL BAN WEST

JUNCTION BOX LOCATIONS			
RETAINING WALL BAN WEST			
STATION: BAR-LINE	TYPE	SIZE (mm)	LOCATION
25+237.40	SPARE	460x205x205	IN BARRIER
25+240.00	LT	460x205x205	IN BARRIER
25+274.00	SPARE	460x205x205	IN BARRIER
25+276.40	LT	460x205x205	IN BARRIER
25+300.00	LT	460x205x205	IN BARRIER
25+302.40	SPARE	460x205x205	IN BARRIER
25+302.40	TS/TSP	460x205x205	IN SIDEWALK
25+340.00	LT	460x205x205	IN BARRIER
25+342.40	SPARE	460x205x205	IN BARRIER
25+342.40	TS/TSP	460x370x205	IN SIDEWALK

- NOTES:**
1. THE CONTRACTOR SHALL DETERMINE TOP OF WALL ELEVATIONS (ELEVATIONS BETWEEN THOSE SHOWN IN THE PLANS) FROM BAR-LINE PROFILE & SUPERELEVATION DIAGRAM, SEE SHEET RP13.
  2. FOR WALL TYPICAL SECTION, SEE SHEET RW45.
  3. FOR LOCATION OF LUMINAIRE AND JUNCTION BDXES REFER TO ILLUMINATION PLANS.
  4. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON OUTSIDE FACE OF SEW TRAFFIC BARRIER SEE SHEET RW6 (SIMILAR).
  5. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON TOP OF SEW TRAFFIC BARRIER SEE SHEET RW24 (SIMILAR).
  6. C.I.P. CONC. TRANSITION WALL/BARRIER SHALL BE SIMILAR TO C.I.P. CONC. BARRIER TYPE 2B - SEE SHEET BD1. VARY DIMENSIONS UNIFORMLY BETWEEN CONC. BARRIER TYPE 2B AND SEW WALL. BARS MARK #14 AND 15 SHALL BE #5 @ 230.

FOR "AS CONSTRUCTED PLANS" ONLY

DATUM  
NAVD OF 1988

METRIC LEGEND:  
29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

I\_405\_JOB NO. SHEET 12/06/2002 02:20:00 PM C:\PWTEMP\dms00358\RW043\_C2.DGN

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	KJW	JOB NUMBER	02A012	
ENTERED BY	JAS	CONTRACT NO.		
CHECKED BY	JHS	DATE	DATE	REVISION
PROJ. DYER, D. CIERI	12/02			BY
REGIONAL ADM. D. DYE	12/02			

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

12/06/02

Washington State Department of Transportation

HDR ENGINEERING INC.

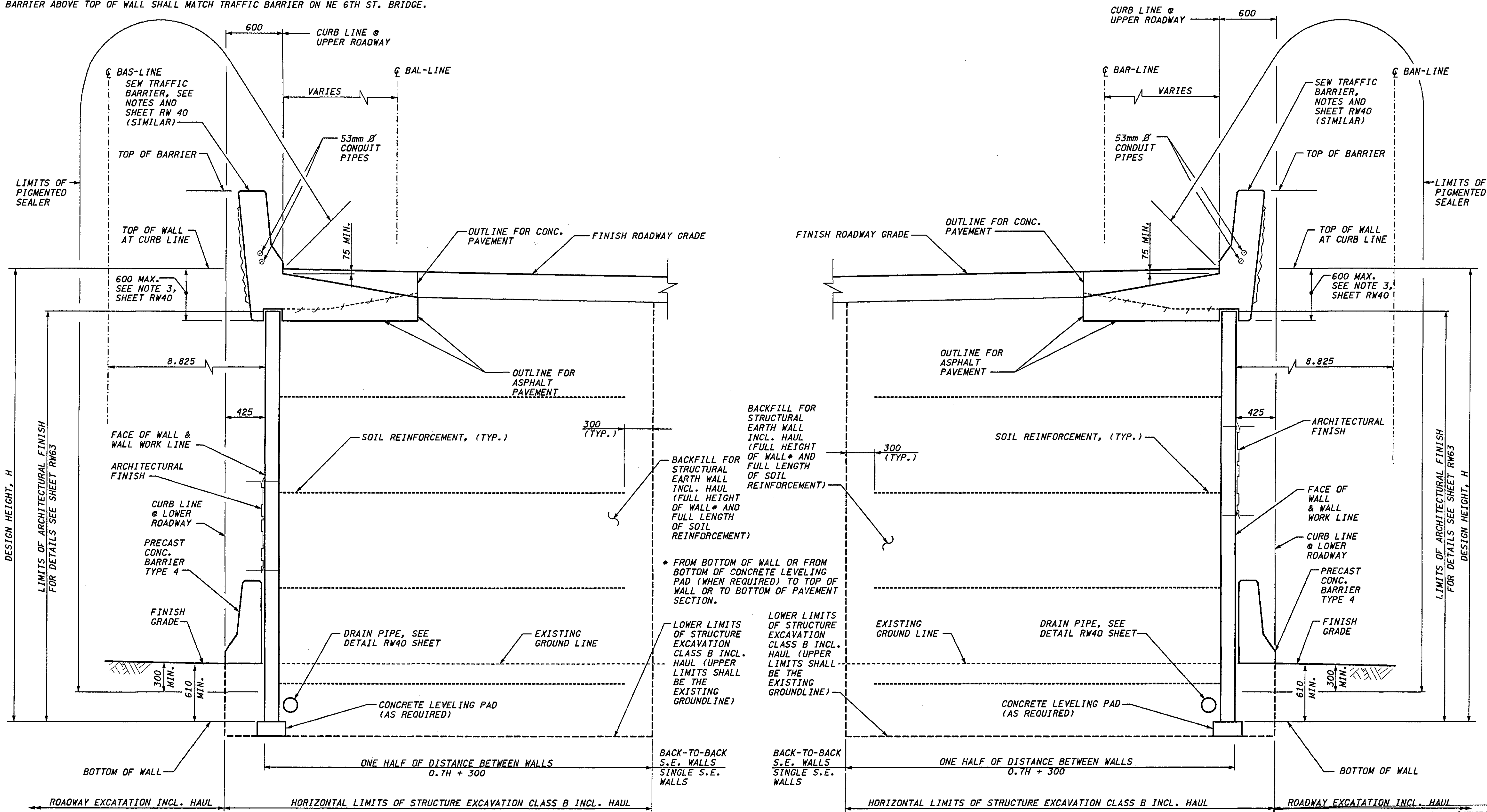
I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.  
RETAINING WALL BAN WEST

BRIDGE SHEET NO.  
RW43  
SHEET 479 OF 1152 SHEETS



**NOTES:**

- 1. SEW TRAFFIC BARRIER DIMENSION AND REINFORCEMENT SHALL BE DESIGNED BY THE MANUFACTURER. PORTION OF SEW TRAFFIC BARRIER ABOVE TOP OF WALL SHALL MATCH TRAFFIC BARRIER ON NE 6TH ST. BRIDGE.
- 2. FOR DETAILS OF LUMINAIRE BASE MOUNTED ON OUTSIDE FACE OF SEW TRAFFIC BARRIER SEE SHEET RW6 (SIMILAR).



**METRIC LEGEND:**

29.175 DENOTES METERS  
175 DENOTES MILLIMETERS

**WALL BAS EAST 1 AND 2 TYPICAL SECTION  
STRUCTURAL EARTH WALL**

**WALL BAN WEST TYPICAL SECTION  
STRUCTURAL EARTH WALL**

**FOR "AS CONSTRUCTED  
PLANS" ONLY**

(SEE ATTACHED SHEETS)  
RW 45 A -> 450

I. 405 JOB NO. SHEET 12/03/2002 10:45:30 AM keller

BRIDGE DESIGN ENGR.		REGION NO.	STATE	FED. AID PROJ. NO.
SUPERVISOR		10	WASH	
DESIGNED BY	KJW	JOB NUMBER	02A012	
ENTERED BY	JAS	CONTRACT NO.		
CHECKED BY	JHS			
PROJ. D. BY	D. CIERI			
REGIONAL ADM.	D. DYE			
DATE	12/02	DATE	REVISION	BY

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*(Signature)* 12/03/02

EXPIRES: 09/09/04

Washington State Department of Transportation

HDR ENGINEERING INC.

I 405 BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

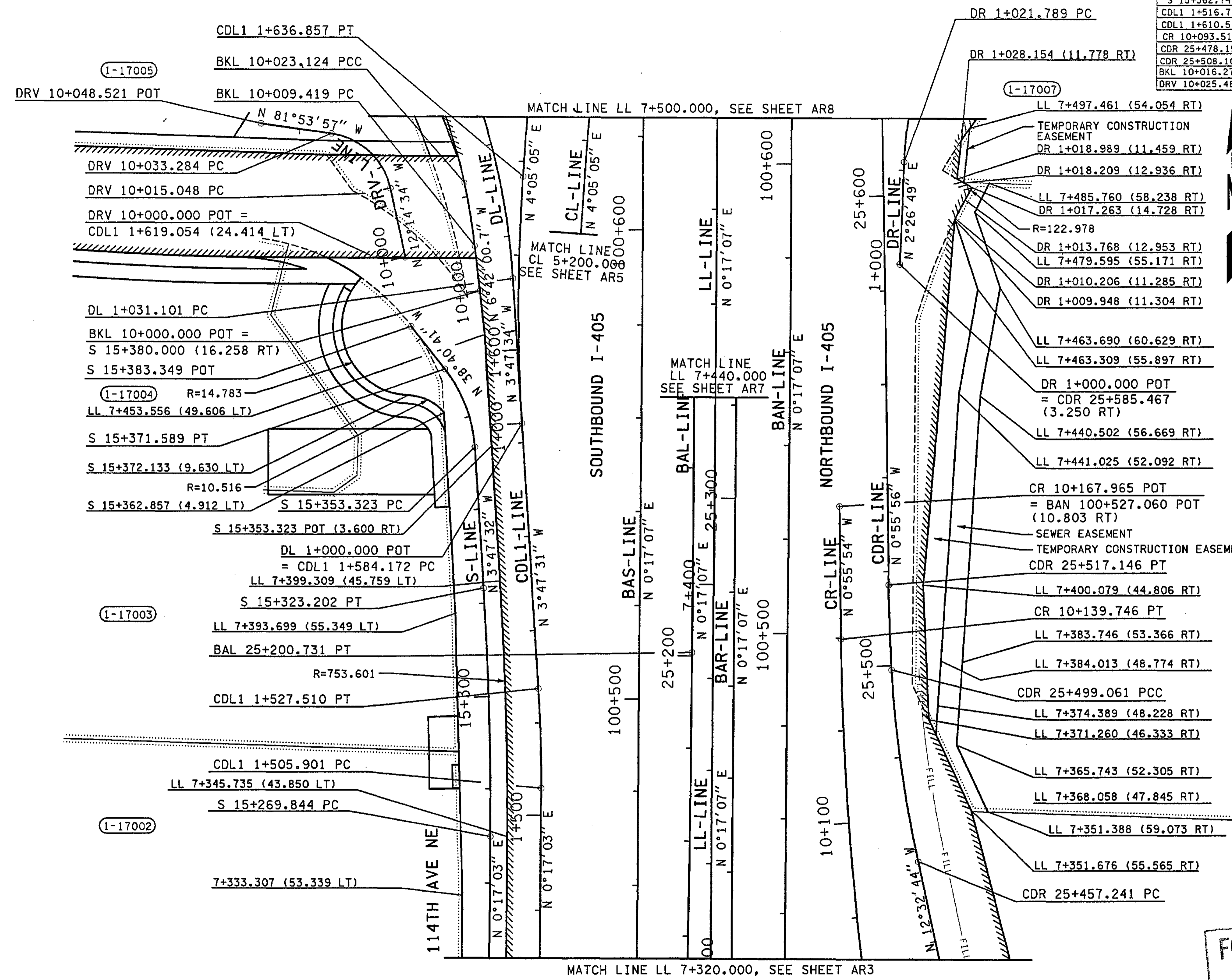
RETAINING WALLS BAS EAST & BAN WEST

BRIDGE SHEET NO. RW45

SHEET 431 OF 1152 SHEETS

T.25N. R.5E. W.M.

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
S 15+296.534	4°04'34" LT	750.000	26.690	53.357	2%
S 15+362.749	34°53'08" LT	30.000	9.426	18.266	2%
CDL1 1+516.710	4°04'34" LT	303.750	10.809	21.609	6%
CDL1 1+610.556	7°52'36" RT	383.237	26.384	52.685	5%
CR 10+093.517	7°54'14" RT	671.302	46.376	92.605	3%
CDR 25+478.194	8°59'04" RT	266.695	20.953	41.820	5%
CDR 25+508.105	2°37'44" RT	394.150	9.044	18.085	6%
BKL 10+016.277	5°26'04" LT	144.494	6.858	13.705	2%
DRV 10+025.484	69°39'23" LT	15.000	10.436	18.236	N/A



- NOTE:**
- FOR EASEMENTS ALONG 114th, SEE SHEETS ARD1 - ARD4.
- SHEET NOTES:**
- A SINGLE, CONTINUOUS 90 CALENDAR DAY DURATION.
  - A SINGLE, CONTINUOUS 18 MONTH DURATION.
  - A SINGLE, CONTINUOUS 30 CALENDAR DAY DURATION. ALL WORK MONDAY THROUGH FRIDAY TO BE RESTRICTED TO THE HOURS BETWEEN 7 PM AND 5 AM.
  - A SINGLE, CONTINUOUS 10 CALENDAR DAY DURATION.
  - A SINGLE, CONTINUOUS 100 CALENDAR DAY DURATION.
- LEGEND:**
- ////// LIMITED ACCESS
  - WSDOT RIGHT OF WAY
  - CUT - CUT CATCH SLOPE
  - FILL - FILL CATCH SLOPE

FOR "AS CONSTRUCTED PLANS" ONLY

c:\pwrtemp\dms00712\AR006\_C2.dgn

PLOT6

12/06/2002 02:04:59 PM

mahowar d

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	DATE	DATE	REVISION	BY
JRS	MJB	GBW	D. CIERI	D. DYE	12/02	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	CONTRACT NO.	
02A012		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

Washington State Department of Transportation

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

ALIGNMENT/RIGHT OF WAY PLAN

SHEET NO. AR6

53 OF 1152 SHEETS



T.25N. R.5E. W.M.



MATCH LINE LL 7+500.000, SEE SHEET EU6

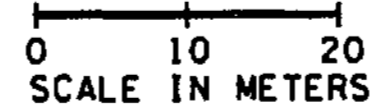
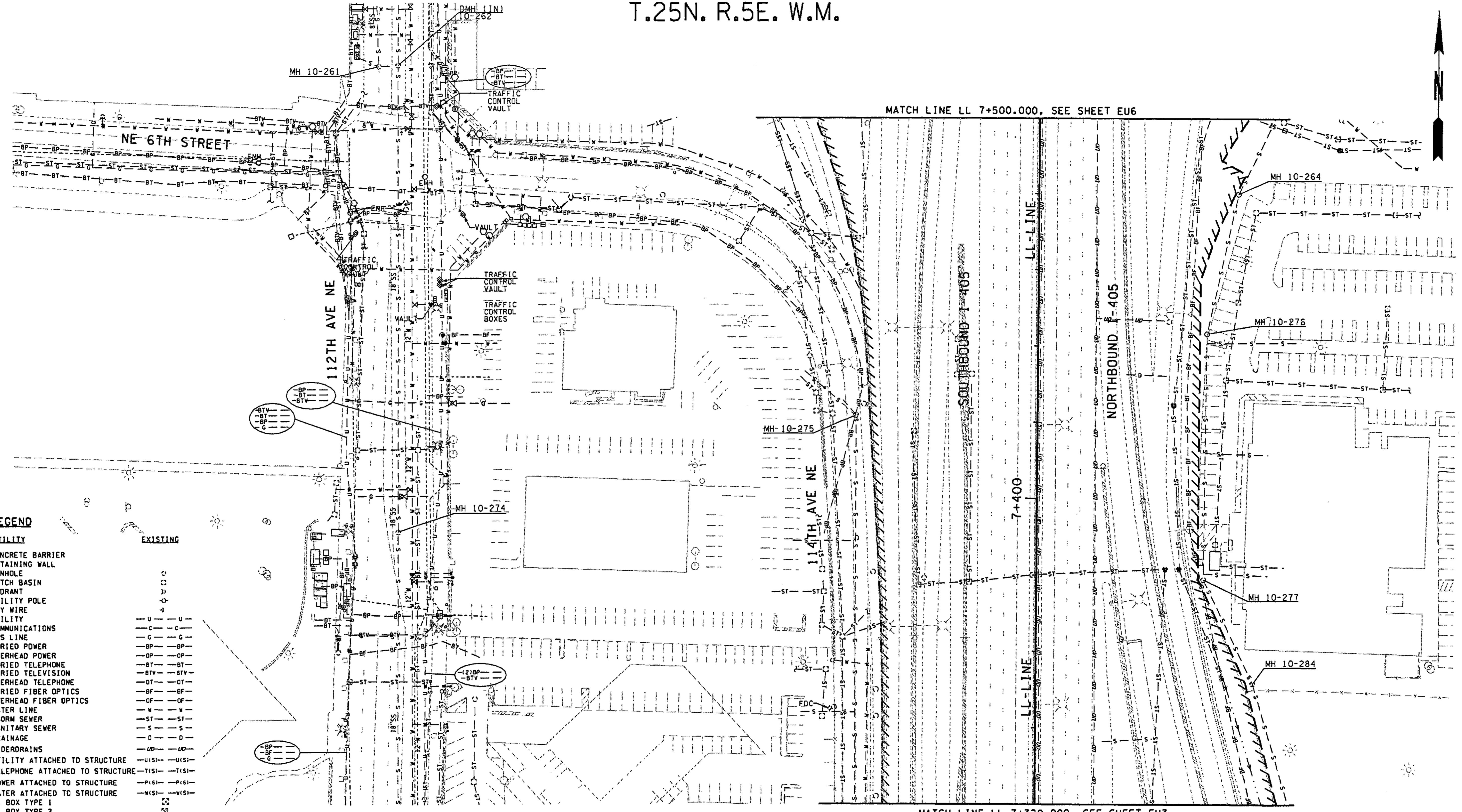
MATCH LINE LL 7+320.000, SEE SHEET EU3

D:\pwrtemp\dms00580\EU005\_C2.DGN  
PLOT6  
11/26/2002 10:14:39 AM  
AI amb

**LEGEND**

<b>UTILITY</b>	
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	
CATCH BASIN	
HYDRANT	
UTILITY POLE	
GUY WIRE	
UTILITY	
COMMUNICATIONS	
GAS LINE	
BURIED POWER	
OVERHEAD POWER	
BURIED TELEPHONE	
BURIED TELEVISION	
OVERHEAD TELEPHONE	
BURIED FIBER OPTICS	
OVERHEAD FIBER OPTICS	
WATER LINE	
STORM SEWER	
SANITARY SEWER	
DRAINAGE	
UNDERDRAINS	
UTILITY ATTACHED TO STRUCTURE	
TELEPHONE ATTACHED TO STRUCTURE	
POWER ATTACHED TO STRUCTURE	
WATER ATTACHED TO STRUCTURE	
J. BOX TYPE 1	
J. BOX TYPE 2	
J. BOX TYPE 3	
UTILITY VAULT	
GAS VALVE	
GATE VALVE (GV)	
WATER METER	
THRUST BLOCK	

EXISTING



FOR "AS CONSTRUCTED PLANS" ONLY

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	P. SLOAN	12/02		
ENTERED BY	A. BYERS	12/02		
CHECKED BY	R. LEIMKUHLER	12/02		
PROJ. ENGR.	D. CIERI	12/02		
REGIONAL ADM.	D. DYE	12/02		
	DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

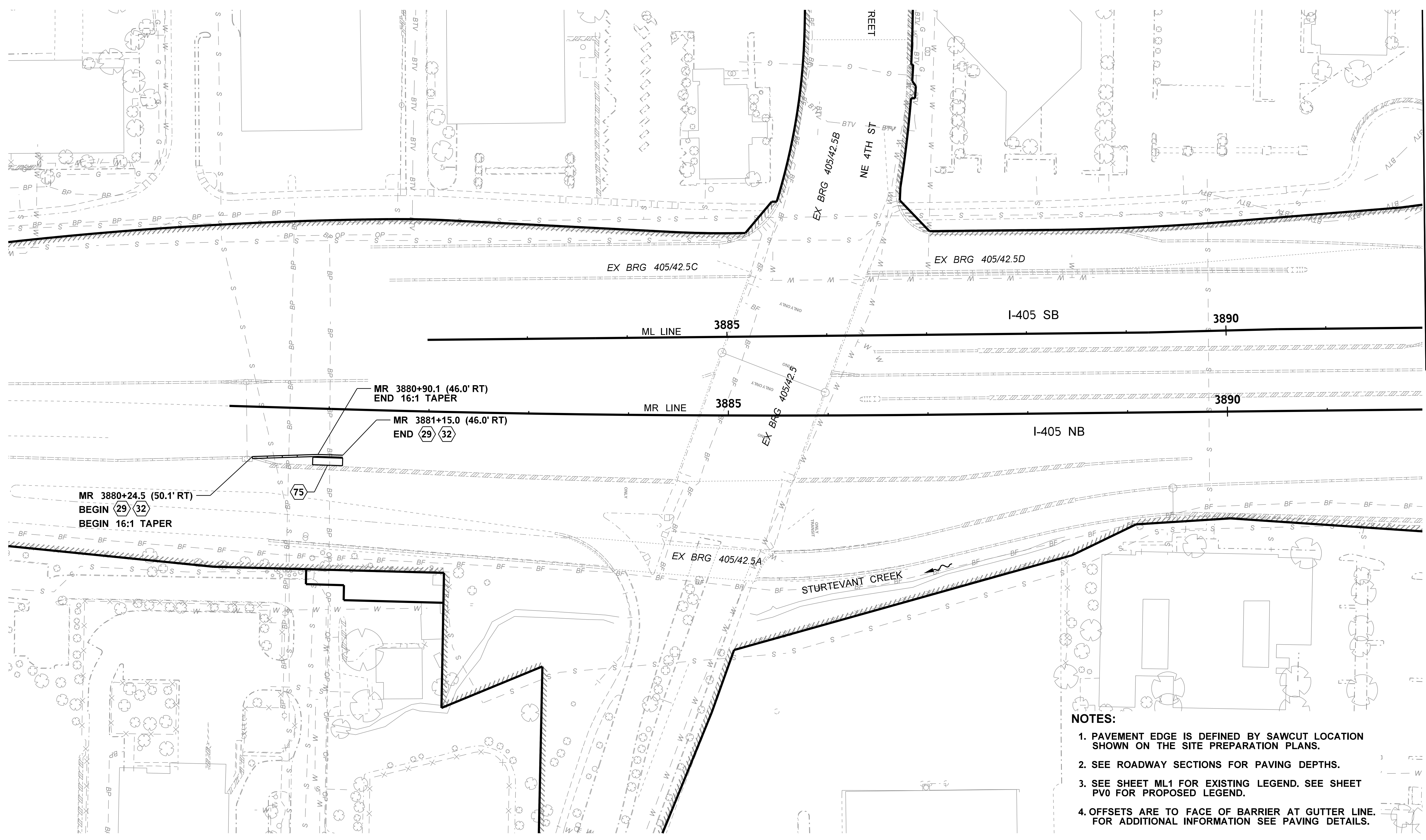
Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

EXISTING UTILITY PLAN

SHEET NO. EU5  
98  
1152 SHEETS





MATCH LINE ML 3892+00  
SEE SHEET PV2

MATCH LINE MR 3892+00  
SEE SHEET PV2

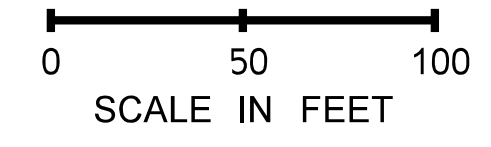
MR 3880+24.5 (50.1' RT)  
BEGIN (29) (32)  
BEGIN 16:1 TAPER

MR 3880+90.1 (46.0' RT)  
END 16:1 TAPER

MR 3881+15.0 (46.0' RT)  
END (29) (32)

**NOTES:**

1. PAVEMENT EDGE IS DEFINED BY SAWCUT LOCATION SHOWN ON THE SITE PREPARATION PLANS.
2. SEE ROADWAY SECTIONS FOR PAVING DEPTHS.
3. SEE SHEET ML1 FOR EXISTING LEGEND. SEE SHEET PV0 FOR PROPOSED LEGEND.
4. OFFSETS ARE TO FACE OF BARRIER AT GUTTER LINE. FOR ADDITIONAL INFORMATION SEE PAVING DETAILS.



W:\C8204\CAD\ContractPlans\250-PavingPlan\_20131212\C8204\_PS\_PV\_001.dgn  
brenda.mcintosh 1/26/2017 6:15:57 AM

NO.	ISSUE DATE	ISSUE RECORD - DESCRIPTION	DESIGNED BY	ENTERED BY	CHECKED BY
0	4/01/13	RFC - PKG #1	C. GRILLON	B. MCINTOSH	M. ROHILA

DESIGN MANAGER:  
M. STECKMEST  
DESIGN TASK LEAD:  
M. STECKMEST  
PACKAGE:  
PACKAGE #1  
PROJECT ENGINEER:  
LISA HODGSON  
REGIONAL ADMIN:  
LORENA ENG

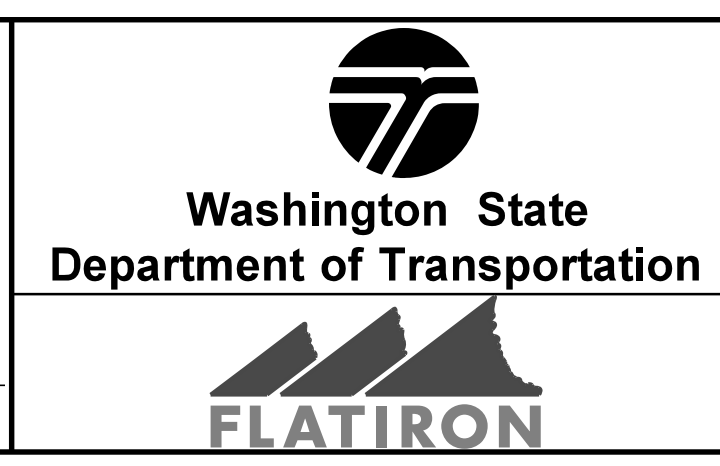
REGION NO. STATE  
10 WASH  
JOB NUMBER  
CONTRACT NO.  
8204



DATE  
P.E. STAMP BOX

**AS-BUILT**

DATE  
P.E. STAMP BOX

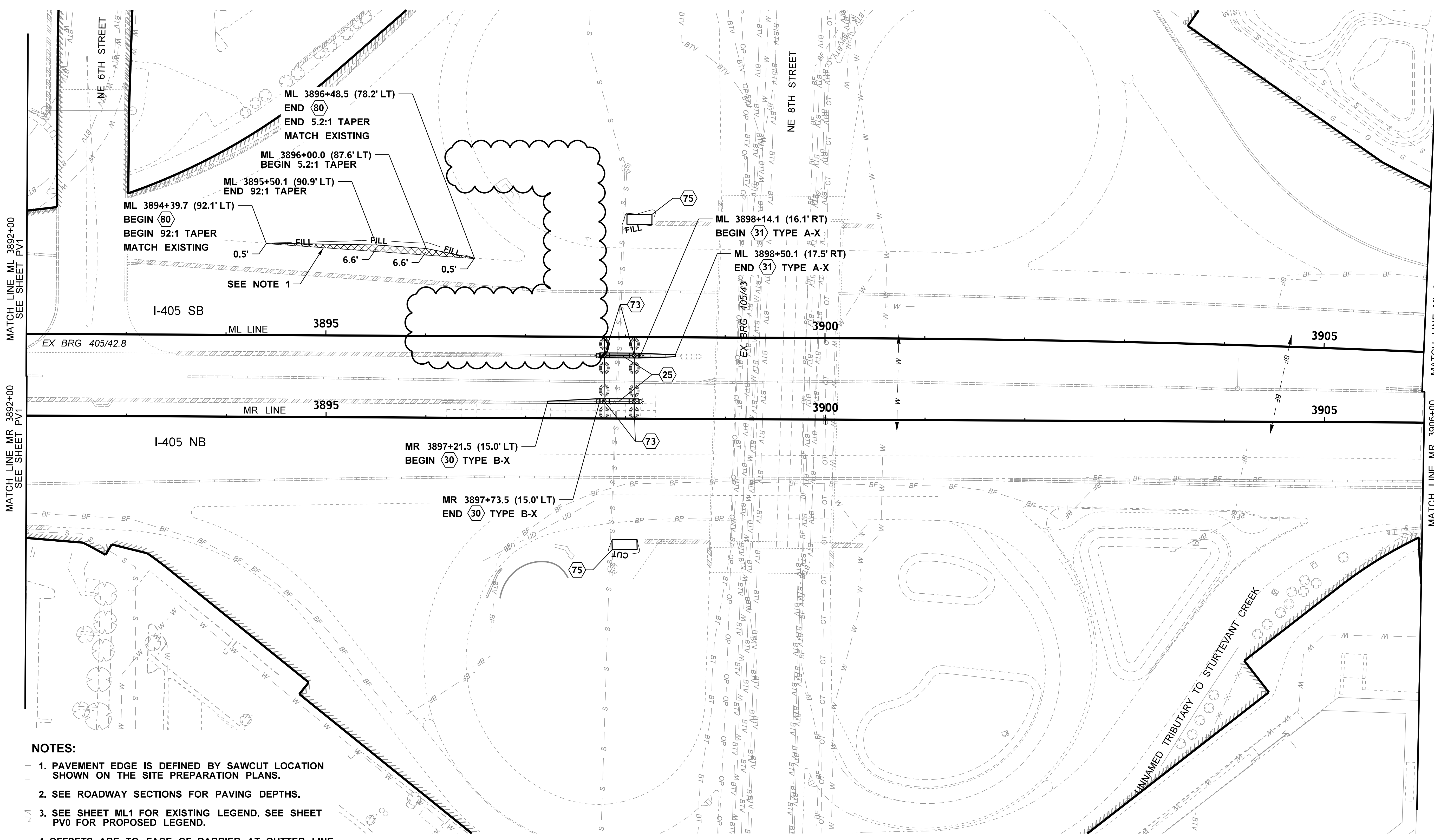


**I-405  
NE 6TH ST TO I-5  
WIDENING AND EXPRESS TOLL LANES**

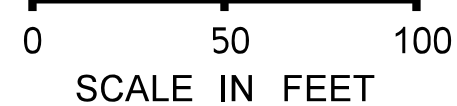
**PAVING PLAN**

PLAN REF NO  
**PV1**  
SHEET  
516  
OF  
1681  
SHEETS





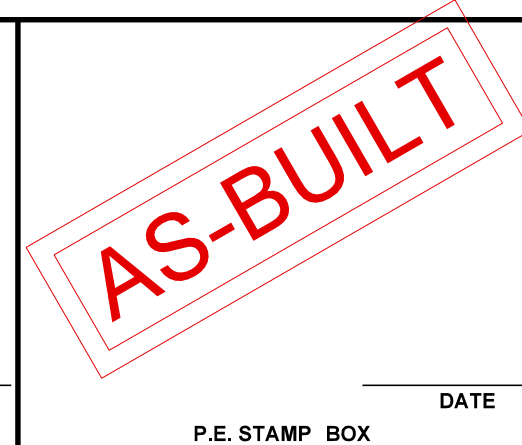
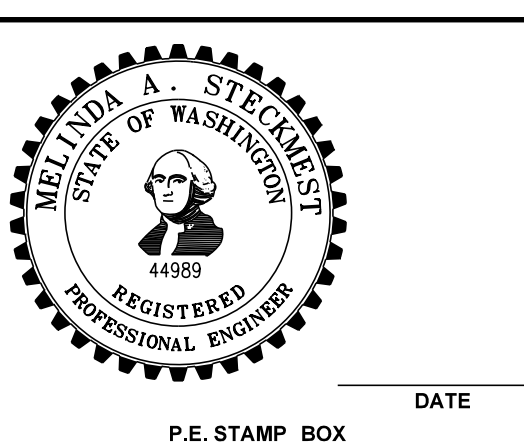
- NOTES:**
1. PAVEMENT EDGE IS DEFINED BY SAWCUT LOCATION SHOWN ON THE SITE PREPARATION PLANS.
  2. SEE ROADWAY SECTIONS FOR PAVING DEPTHS.
  3. SEE SHEET ML1 FOR EXISTING LEGEND. SEE SHEET PV0 FOR PROPOSED LEGEND.
  4. OFFSETS ARE TO FACE OF BARRIER AT GUTTER LINE. FOR ADDITIONAL INFORMATION SEE PAVING DETAILS.



W:\C8204\CAD\ContractPlans\250-PavingPlan\_20131212\C8204\_PS\_PV\_002.dgn  
 brenda.mcintosh 1/26/2017 6:16:00 AM

NO.	ISSUE DATE	ISSUE RECORD - DESCRIPTION	DESIGNED BY	ENTERED BY	CHECKED BY
2	11/08/13	FDC0041	C. GRILLON	B. MCINTOSH	M. ROHILA
1	8/02/13	NDC0125	C. GRILLON	B. MCINTOSH	M. ROHILA
0	4/01/13	RFC - PKG #1	C. GRILLON	B. MCINTOSH	M. ROHILA

DESIGN MANAGER: M. STECKMEST	REGION NO. 10	STATE WASH
DESIGN TASK LEAD: M. STECKMEST	JOB NUMBER	
PACKAGE: PACKAGE #1	CONTRACT NO. 8204	
PROJECT ENGINEER: LISA HODGSON		
REGIONAL ADMIN: LORENA ENG		



**I-405**  
**NE 6TH ST TO I-5**  
**WIDENING AND EXPRESS TOLL LANES**  
  
**PAVING PLAN**

PLAN REF NO <b>PV2</b>
SHEET 517
OF 1681
SHEETS

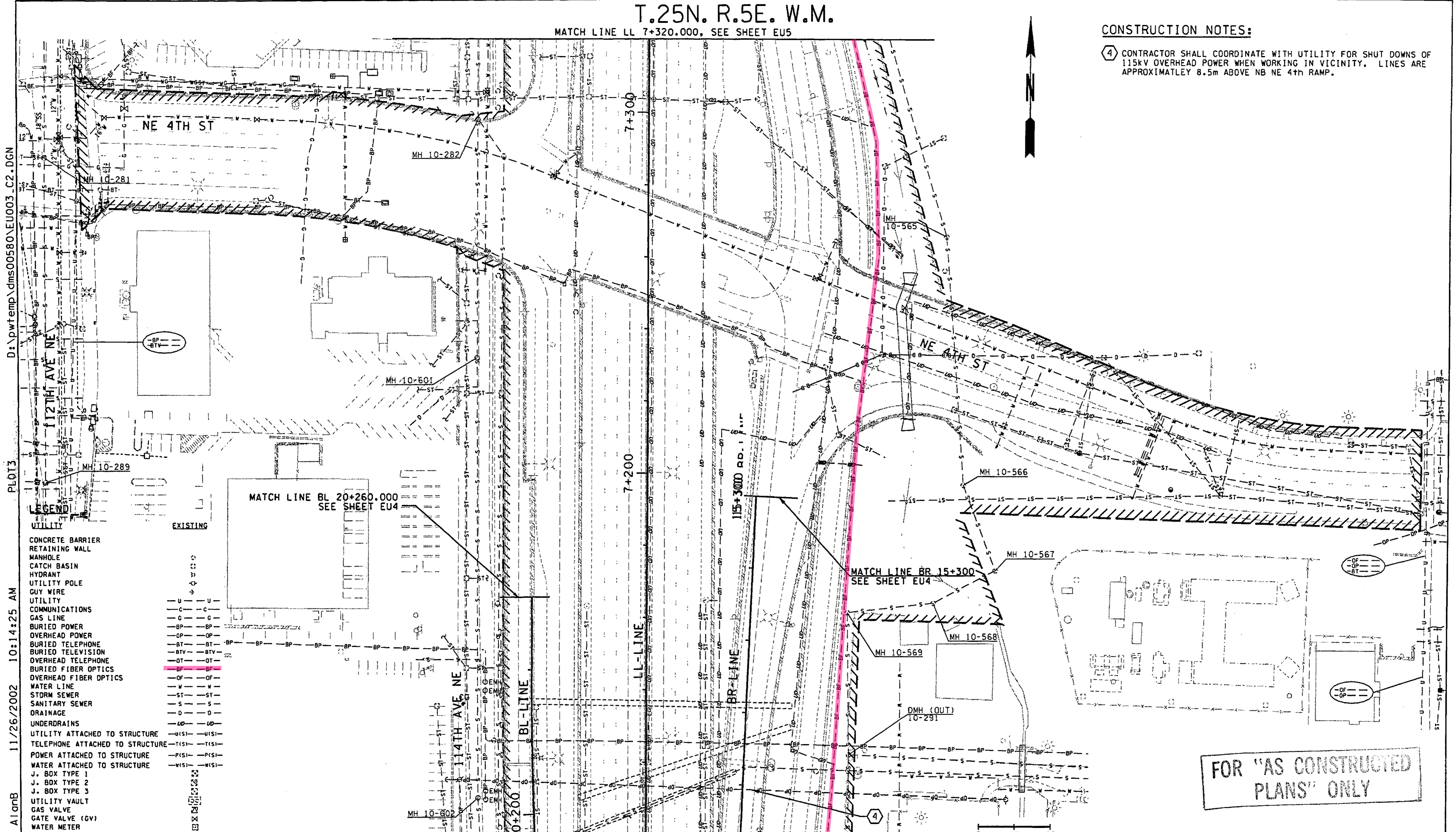


T.25N. R.5E. W.M.

MATCH LINE LL 7+320.000, SEE SHEET EU5

CONSTRUCTION NOTES:

- 4 CONTRACTOR SHALL COORDINATE WITH UTILITY FOR SHUT DOWNS OF 115KV OVERHEAD POWER WHEN WORKING IN VICINITY. LINES ARE APPROXIMATELY 8.5m ABOVE NB NE 4th RAMP.



D:\pwrtemp\dms00580\EU003\_C2.DGN  
 PLOT3  
 11/26/2002 10:14:25 AM  
 A1gnB

**LEGEND**

UTILITY	EXISTING
CONCRETE BARRIER	
RETAINING WALL	
MANHOLE	
CATCH BASIN	
HYDRANT	
UTILITY POLE	
GUY WIRE	
UTILITY COMMUNICATIONS	
GAS LINE	
BURIED POWER	
OVERHEAD POWER	
BURIED TELEPHONE	
BURIED TELEVISION	
OVERHEAD TELEPHONE	
BURIED FIBER OPTICS	
OVERHEAD FIBER OPTICS	
WATER LINE	
STORM SEWER	
SANITARY SEWER	
ORAINAGE	
UNDERDRAINS	
UTILITY ATTACHED TO STRUCTURE	
TELEPHONE ATTACHED TO STRUCTURE	
POWER ATTACHED TO STRUCTURE	
WATER ATTACHED TO STRUCTURE	
J. BOX TYPE 1	
J. BOX TYPE 2	
J. BOX TYPE 3	
UTILITY VAULT	
GAS VALVE	
GATE VALVE (GV)	
WATER METER	
THRUST BLOCK	

FOR "AS CONSTRUCTED PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY	DATE	DATE	REVISION	BY
P. SLOAN	12/02			
A. BYERS	12/02			
R. LEIMKUEHLER	12/02			
D. CIERI	12/02			
D. DYE	12/02			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER	02A012	
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*Ronald J. Leimkuhler*  
11/26/02

Washington State Department of Transportation

I 405  
BELLEVUE DIRECT ACCESS  
NE 4th ST. / NE 6th ST.

EXISTING UTILITY PLAN

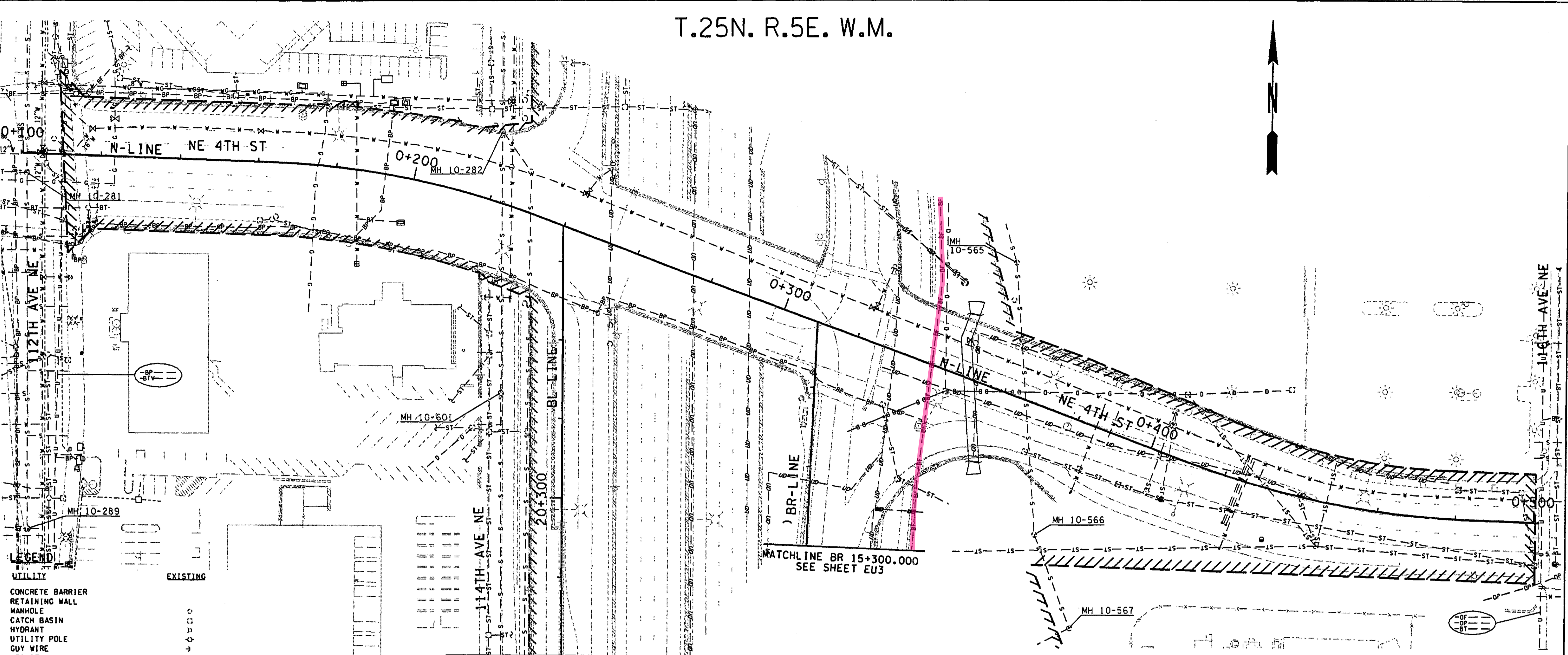
SHEET NO. EU3  
96  
1152  
SHEETS



T.25N. R.5E. W.M.



D:\pwt\temp\dms00580\EU004\_C2.DGN  
PLOT4  
11/26/2002 10:14:33 AM  
ALIGNB



**LEGEND**

<b>UTILITY</b>	<b>EXISTING</b>
CONCRETE BARRIER	---
RETAINING WALL	---
MANHOLE	○
CATCH BASIN	□
HYDRANT	⊕
UTILITY POLE	⊙
GUY WIRE	---
UTILITY	---
COMMUNICATIONS	---C---
GAS LINE	---G---
BURIED POWER	---BP---
OVERHEAD POWER	---OP---
BURIED TELEPHONE	---BT---
BURIED TELEVISION	---BTV---
OVERHEAD TELEPHONE	---OT---
BURIED FIBER OPTICS	---BF---
OVERHEAD FIBER OPTICS	---OF---
WATER LINE	---W---
STORM SEWER	---ST---
SANITARY SEWER	---S---
DRAINAGE	---D---
UNDERDRAINS	---UD---
UTILITY ATTACHED TO STRUCTURE	---U(S)---
TELEPHONE ATTACHED TO STRUCTURE	---T(S)---
POWER ATTACHED TO STRUCTURE	---P(S)---
WATER ATTACHED TO STRUCTURE	---W(S)---
J. BOX TYPE 1	⊙
J. BOX TYPE 2	⊙
J. BOX TYPE 3	⊙
UTILITY VAULT	⊙
GAS VALVE	⊕
GATE VALVE (GV)	⊕
WATER METER	⊕
THRUST BLOCK	⊕

MATCH LINE BL 20+260.000  
SEE SHEET EU3

MATCH LINE BR 15+300.000  
SEE SHEET EU3

FOR "AS CONSTRUCTED  
PLANS" ONLY

0 10 20  
SCALE IN METERS

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

DESIGNED BY P. SLOAN	12/02	REGION NO.	10	STATE	WASH	FED.AID PROJ.NO.			ENVIRONMENTAL AND ENGINEERING SERVICE CENTER  Washington State Department of Transportation  	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.  EXISTING UTILITY PLAN	SHEET NO. EU4
ENTERED BY A. BYERS	12/02	JOB NUMBER	02A012								SHEET OF 97 OF 152 SHEETS
CHECKED BY R. LEIMKUHLER	12/02	CONTRACT NO.									
PROJ. ENGR. D. CIERI	12/02										
REGIONAL ADM. D. DYE	12/02										
DATE	DATE	REVISION	BY								



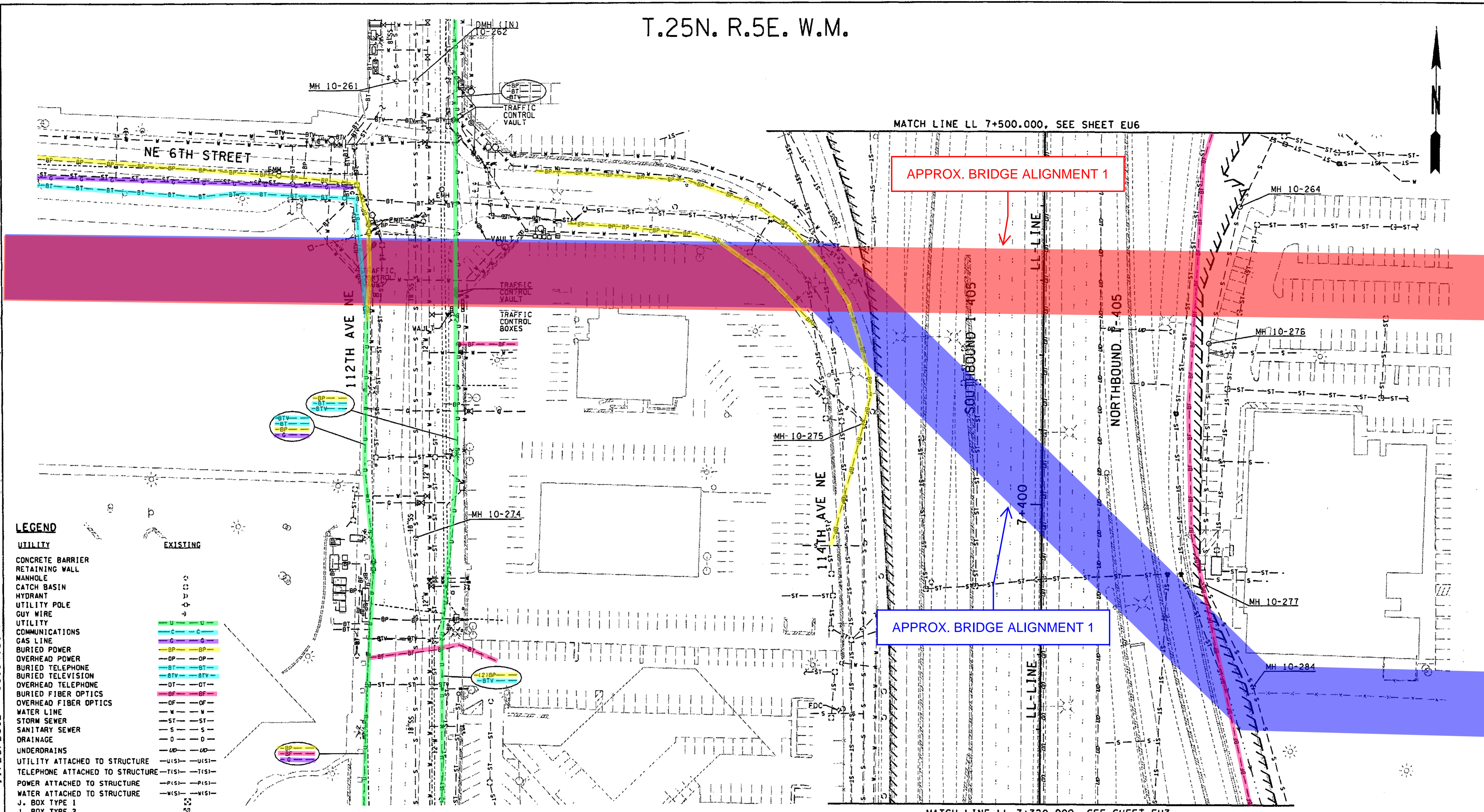
T.25N. R.5E. W.M.

D:\pwrtemp\dms00580\EU005\_C2.DGN

PLOT6

11/26/2002 10:14:39 AM

AI amb

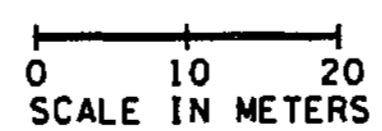


APPROX. BRIDGE ALIGNMENT 1

APPROX. BRIDGE ALIGNMENT 1

- LEGEND**
- UTILITY**
- CONCRETE BARRIER
  - RETAINING WALL
  - MANHOLE
  - CATCH BASIN
  - HYDRANT
  - UTILITY POLE
  - GUY WIRE
  - UTILITY COMMUNICATIONS
  - GAS LINE
  - BURIED POWER
  - OVERHEAD POWER
  - BURIED TELEPHONE
  - BURIED TELEVISION
  - OVERHEAD TELEPHONE
  - BURIED FIBER OPTICS
  - OVERHEAD FIBER OPTICS
  - WATER LINE
  - STORM SEWER
  - SANITARY SEWER
  - DRAINAGE
  - UNDERDRAINS
  - UTILITY ATTACHED TO STRUCTURE
  - TELEPHONE ATTACHED TO STRUCTURE
  - POWER ATTACHED TO STRUCTURE
  - WATER ATTACHED TO STRUCTURE
  - J. BOX TYPE 1
  - J. BOX TYPE 2
  - J. BOX TYPE 3
  - UTILITY VAULT
  - GAS VALVE
  - GATE VALVE (GV)
  - WATER METER
  - THRUST BLOCK
- EXISTING**
- U (Green)
  - C (Blue)
  - BP (Yellow)
  - OP (Orange)
  - BT (Cyan)
  - BTV (Light Blue)
  - OT (Purple)
  - OF (Pink)
  - W (Black)
  - ST (Black)
  - S (Black)
  - D (Black)
  - UD (Black)
  - U(S) (Black)
  - T(S) (Black)
  - P(S) (Black)
  - W(S) (Black)

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.



FOR "AS CONSTRUCTED PLANS" ONLY

DESIGNED BY	DATE	REVISION	BY
P. SLOAN	12/02		
A. BYERS	12/02		
R. LEIMKUHLER	12/02		
D. CIERI	12/02		
D. DYE	12/02		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		02A012
CONTRACT NO.		

ENVIRONMENTAL AND ENGINEERING SERVICE CENTER

*Signature*

11/26/02

EXPIRES: 08/01/03

Washington State Department of Transportation

HDR ENGINEERING INC.

kpff Consulting Engineers

I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.

EXISTING UTILITY PLAN

SHEET NO. EU5

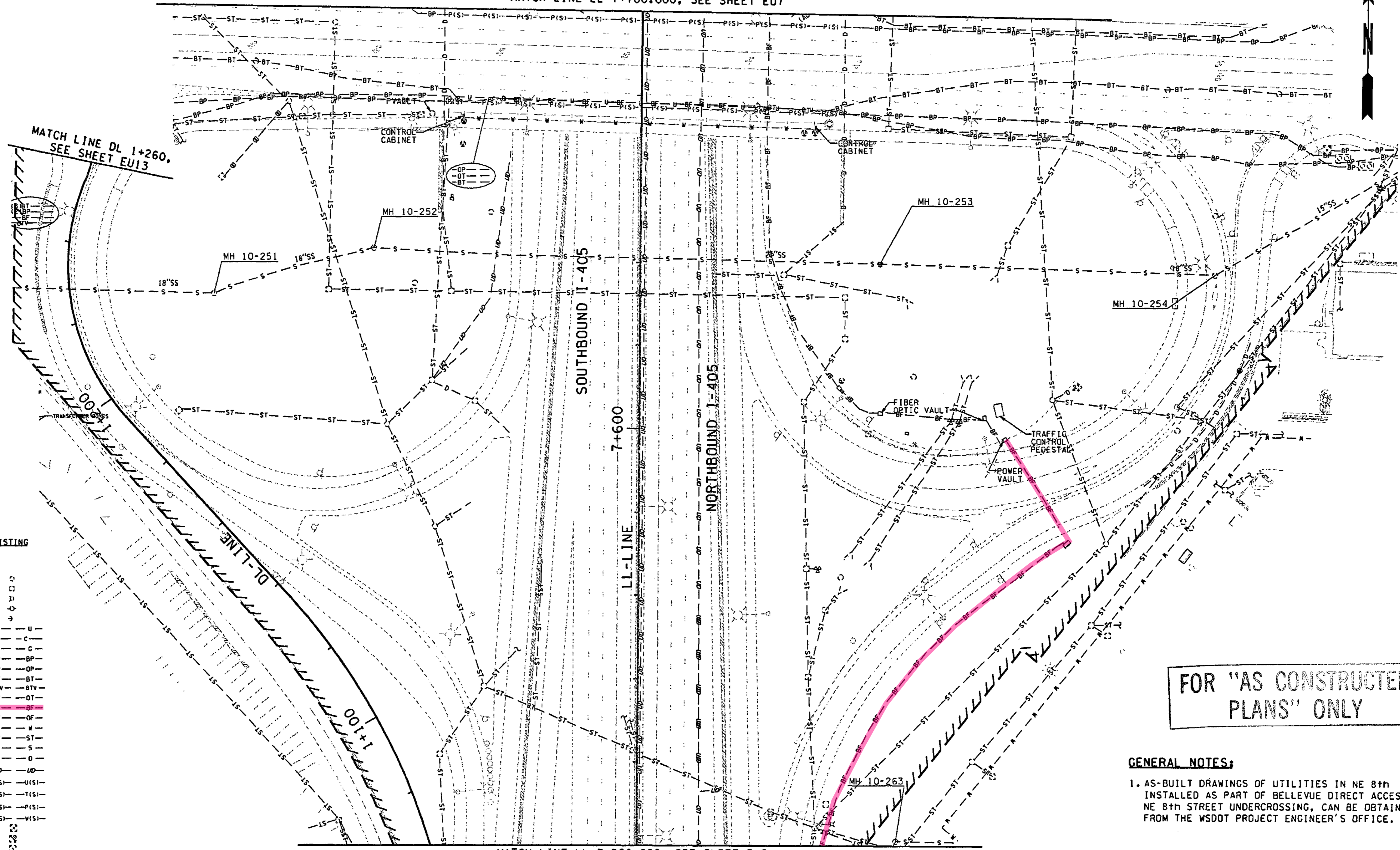
98 SHEETS



T.25N. R.5E. W.M.

MATCH LINE LL 7+700.000, SEE SHEET EU7

MATCH LINE DL 1+260, SEE SHEET EU13



MATCH LINE LL 7+500.000, SEE SHEET EU5

0 10 20  
SCALE IN METERS

LEGEND

UTILITY	
CONCRETE BARRIER	—
RETAINING WALL	—
MANHOLE	—
CATCH BASIN	—
HYDRANT	—
UTILITY POLE	—
GUY WIRE	—
UTILITY COMMUNICATIONS	—
GAS LINE	—
BURIED POWER	—
OVERHEAD POWER	—
BURIED TELEPHONE	—
BURIED TELEVISION	—
OVERHEAD TELEPHONE	—
BURIED FIBER OPTICS	—
OVERHEAD FIBER OPTICS	—
WATER LINE	—
STORM SEWER	—
SANITARY SEWER	—
DRAINAGE	—
UNDERDRAINS	—
UTILITY ATTACHED TO STRUCTURE	—
TELEPHONE ATTACHED TO STRUCTURE	—
POWER ATTACHED TO STRUCTURE	—
WATER ATTACHED TO STRUCTURE	—
J. BOX TYPE 1	—
J. BOX TYPE 2	—
J. BOX TYPE 3	—
UTILITY VAULT	—
GAS VALVE	—
GATE VALVE (GV)	—
WATER METER	—
THRUST BLOCK	—

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE NOTED.

FOR "AS CONSTRUCTED PLANS" ONLY

GENERAL NOTES:  
1. AS-BUILT DRAWINGS OF UTILITIES IN NE 8th INSTALLED AS PART OF BELLEVUE DIRECT ACCESS- NE 8th STREET UNDERCROSSING, CAN BE OBTAINED FROM THE WSDOT PROJECT ENGINEER'S OFFICE.

D:\pwwtemp\dms00580\EU006\_C2.DGN  
PLOT8  
11/26/2002 10:14:46 AM  
ALIGNB

DESIGNED BY P. SLOAN	12/02	REGION NO.	STATE	FED.AID PROJ.NO.		ENVIRONMENTAL AND ENGINEERING SERVICE CENTER Washington State Department of Transportation	I 405 BELLEVUE DIRECT ACCESS NE 4th ST. / NE 6th ST.	SHEET NO. EU6 SHEET 99 OF 1152 SHEETS
ENTERED BY A. BYERS	12/02	10	WASH					
CHECKED BY R. LEIMKUEHLER	12/02	JOB NUMBER				EXISTING UTILITY PLAN		
PROJ. ENGR. D. CIERI	12/02	02A012						
REGIONAL ADM. D. DYE	12/02	CONTRACT NO.						
DATE	DATE	REVISION	BY					