ELEVATION VIEW

CROWN OF INLET PIPES
PIPES TO BE AT OR
ABOVE MAX. WSE

OVERFLOW
0.5' MIN.

BOLT LOCKING RING & COVER
FINISHED GRADE

MAX. DESIGN
WSE

2' MIN.

AIR VENT
AT CROWN
2" MIN. DIA.

MIN. DIA.
(SEE NOTE 2)

2' MAX.

ACCESS
(SEE PLAN
VIEW)

25' MAX. LENGTH
W/ STUB END & VENT

FLOW RESTRICTOR, VERTICLE RISER SECTION SHALL
BE ALIGNED PLUMB VERTICALLY. HORIZONTAL
SECTION SHALL MATCH OUTLET PIPE SLOPE.

24" MIN. DIA.
CONNECTOR PIPE

24" MIN. DIA.
CONNECTOR PIPE

SPILL CONTROL SEPARATOR, VERTICLE
RISER SECTION SHALL BE ALIGNED PLUMB
VERTICALLY. HORIZONTAL SECTION SHALL
MATCH OUTLET PIPE SLOPE.

SAND COLLAR
OR KOR-
N-SEAL
BOOT (TYPICAL)

FLOW

TYPE 2
CATCH
BASIN, 54"
DIA. MIN.

0.005 FT/FT

ACCESS RISERS, CORRUGATED
METAL MANHOLE PER STANDARDS,
WITH LADDERS (MIN. 2 PER
PARALLEL PIPE)

FLOW

CONTROL STRUCTURE
OUTLET PIPE

OPTIONAL PARALLEL PIPE

ACCESS RISER, CORRUGATED
METAL MANHOLE PER STANDARDS
WITH LADDER (SEE NOTES 5 AND 6).

NOTES:
1. NEOPRENE GASKETS REQUIRED AT ALL CMP AND CPE PIPE JOINTS.
2. 36" MINIMUM PIPE DIAMETER. PROVIDE TYPE 2 CATCH BASIN AT EACH END OF PIPE (MAXIMUM SPACING
   SHALL BE 50 FEET).
3. ALL METAL PARTS AND SURFACES SHALL BE CORROSION RESISTANT. STEEL HARDWARE SHALL BE GALVANIZED.
   PIPE SHALL BE GALVANIZED, ASPHALT COATED (TREATMENT 1) OR ALUMINIZED. COMPLETE CORROSION
   PROTECTION MUST BE ASSURED.
4. CAPACITY OF OUTLET PIPE MUST BE EQUAL TO OR GREATER THAN ALL INLET PIPES COMBINED.
5. ACCESS RISERS REQUIRED CENTERED OVER EVERY 50' OF DETENTION PIPE WHEN TYPE 2 CATCH BASINS
   ARE PROVIDED ON EACH END, OR AT EITHER END OF A 50' LONG PARALLEL PIPE AS SHOWN ABOVE.
   ADDITIONAL ACCESSES ARE REQUIRED FOR EVERY 50 ADDITIONAL FEET OF DETENTION PIPE. SEE STANDARD
   DETAIL D-51 FOR ACCESS MANHOLE.
6. IN AREAS WITH VEHICULAR TRAFFIC, PROVIDE TRAFFIC BEARING ACCESS (HS-20) OVER CORRUGATED METAL
   MANHOLE, PER STANDARD DETAIL D-51.
7. BEDDING SHALL BE IN ACCORDANCE WITH DETAIL D-46 "FLEXIBLE PIPE BENDING".
8. PENETRATE CARRIER PIPE THROUGH VAULT WALL.
9. USE APPROVED WATERTIGHT STRUCTURE ADAPTOR.
10. SUP SMOOTH-BORE HORIZONTAL LEG OF
FLOW CONTROL TEE INSIDE CARRIER PIPE.
11. NO FLOW CONTROL JOINT OUTSIDE OF
STRUCTURE.
12. PRIOR TO STARTUP, DETENTION PIPE SHALL
PASS 1% PER DAY LEAK TEST WHERE A
MAXIMUM OF 1% WATER LOSS IS ALLOWED
WITHIN A 24-HOUR PERIOD WITH VAULT FILLED
TO 2-YEAR STORM ELEVATION. TEST PER THE
2009 UNIFORM PLUMBING CODE 712.2.