NOTES:

1. PIPE SIZES, INVERT ELEVATIONS, ORifice SIZES, OVERFLOW ELEVATIONS AND SLOPES, PER ENGINEER APPROVED STAMPED PLANS.

2. OUTLET CAPACITY: NOT LESS THAN COMBINED INLETS.

3. EXCEPT AS SHOWN OR NOTED, UNITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS FOR CATCH BASIN TYPE 2, 12" MIN. DIAM.

4. PIPE SUPPORTS AND RESTRICTOR SHALL BE OF SAME MATERIAL AND REINFORCED AT 12" SPACING IN 3" DIAMETER STAINLESS STEEL EXPANSION BOLTS OR EMBEDDED 2" IN WALL.

5. THE RESTRICTOR SHALL BE FABRICATED FROM 0.065" ALUMINUM, PVC, CF0, OR HOPE PIPE PER THESE ENGINEERING STANDARDS.

6. OUTLET SHALL BE CONNECTED TO STORM DRAINAGE PIPE WITH SUPPORT COUPLERS OR GROUTED INTO THE BELL OF CONCRETE PIPE.

7. THE VERTICAL RISER STEM OF THE RESTRICTOR SHALL BE THE SAME DIAM AS THE PERIMETRAL OUTLET PIPE, WITH 12" RISER INVERT ELEVATION. THE RESTRICTOR UNIT SHALL BE ADJUST FOR CURB VERTICALLY. HORIZONTAL SECTION SHALL MATCH OUTLET PIPE SLOPE.

8. FRAME AND LADDER OR STEPS OFFSET SO THAT:
   A. TRUCK TYPE SHEAR GATE IS SHOWN FROM TOP
   B. CEMENT TYPE SHEAR GATE IS SHOWED FROM TOP & SHOWN TYPE SHEAR GATE
   C. FRAME IS CLEAR OF CURB

9. IF METAL OUTLET PIPE CONNECTS TO CEMENT CONCRETE PIPE, OUTLET PIPE TO HAVE SMOOTH U.D. EQUAL TO CONCRETE PIPE I.D. LESS 1/16".

10. MULTIPLE PIPE VENTS MAY BE LOCATED AS SHOWN OR CALL OUT ONE SIDE OF RISER TO ASSURE LADDER CLEARANCE.

11. IF HYDRAULIC TYPE SHEAR GATE IS USED (PRIVATE SYSTEMS ONLY), SHEAR GATE HANDLE SHALL BE ATTACHED TO ADDER/STEP LOCATED WITHIN 24" ACCESS SECTION.

12. IF NOTCHED WIR IS USED IN LIEU OF ELBOW, BAFFLE SHALL NOT OBSTRUCT ACCESS TO THE STRUCTURE.

13. APPLY NON-SHRINK GROUT TO INSIDE AND OUTSIDE OF ALL JOINTS, RINGS, RISERS, FRAMES AND PIPE PENETRATIONS.

14. PENEtrATE CARRIER PIPE THROUGH VAULT WALL.

15. USE APPROVED WATER-TIGHT STRUCTURE ADAPTOR.

16. SLIP SMOOTH-BORE HORIZONTAL LEG OF FLOW CONTROL TEE INSIDE CARRIER PIPE.

17. NO FLOW CONTROL JOINT OUTSIDE OF STRUCTURE.

Title: FLOW CONTROL STRUCTURE

City of Bellevue
STORM AND SURFACE WATER UTILITY

NO. D-26

JANUARY 2018

NO SCALE