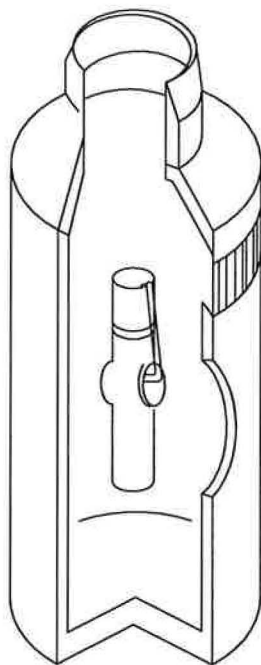


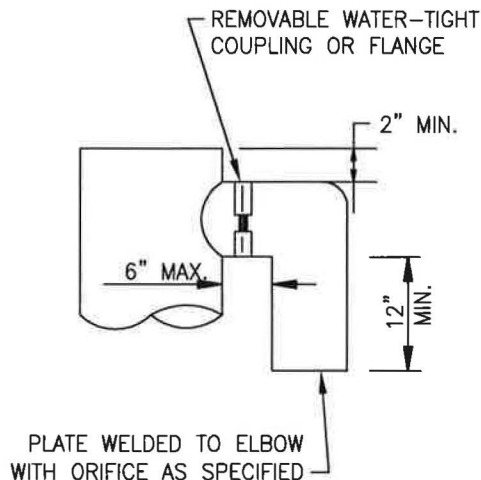
NOTE:

THIS FLOW RESTRICTOR SHALL NOT BE USED AS A WATER QUALITY CONTROL FACILITY.



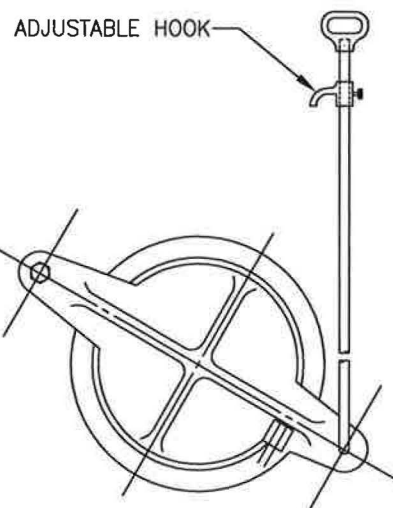
ISOMETRIC

NO SCALE



ELBOW RESTRICTOR

NO SCALE



SHEAR GATE

NO SCALE

NOTES:

1. USE MIN. 54" DIA. CATCH BASIN TYPE 2.
SEE DETAIL SD3.
2. INLET & OUTLET CAPACITY: 100-YR DEVELOPED DESIGN FLOW.
3. METAL PARTS: CORROSION RESISTANT.
ALUMINUM PIPE
4. FRAME & LADDER OR STEPS OFFSET SO:
A: CLEANOUT GATE IS VISIBLE FROM TOP.
B: CLIMB-DOWN SPACE IS CLEAR OF
RISER AND CLEANOUT GATE.
C: FRAME IS CLEAR OF CURB.
5. IF METAL OUTLET PIPE CONNECTS TO
CEMENT CONCRETE PIPE: OUTLET PIPE TO
HAVE SMOOTH I. D. EQUAL TO CONCRETE
PIPE I.D. LESS 1/4".
6. PROVIDE AT LEAST TWO 3" X .090 GAGE
SUPPORT BRACKET ANCHORED CONCRETE WALL
(MAX. 3'-0" VERTICAL SPACING).
7. LOCATE ELBOW RESTRICTOR(S) AS
NECESSARY TO PROVIDE MIN. CLEARANCE
AS SHOWN.
8. LOCATE ADDITIONAL LADDER RUNGS IN
STRUCTURES USED AS ACCESS TO TANKS OR
VAULTS TO ALLOW ACCESS WHEN CATCH BASIN
IS FILLED WITH WATER.
9. ALL METAL PARTS AND SURFACE MUST BE
MADE OF CORROSION RESISTANT MATERIAL
OR GALVANIZED.
10. FILL CATCH BASIN (WITH WATER) TO INVERT
LEVEL OF OUTFLOW PIPE TO PREVENT
ANY OIL ESCAPING.

SHEAR GATE NOTES:

1. SHEAR GATE SHALL BE
ALUMINUM, DRAINAGE SPECIALTIES (SAVANNA, GA)
STANDARD OR APPROVED EQUIVALENT.
2. GATE SHALL BE 8" DIAMETER UNLESS OTHERWISE SPECIFIED.
3. GATE SHALL BE JOINED TO TEE SECTION BY BOLTING
(THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
4. LIFT ROD: AS SPECIFIED BY MANUFACTURER WITH HANDLE
EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE
HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD.

PAGE 2 of 2

Approved:  March 16, 2018
City Engineer Date
STORM DRAIN STANDARD DETAIL



Dwg No: **SD4**
**FLOW RESTRICTOR
CATCH BASIN TYPE 2**