

REMOVABLE
WATERTIGHT
COUPLING OR
FLANGE

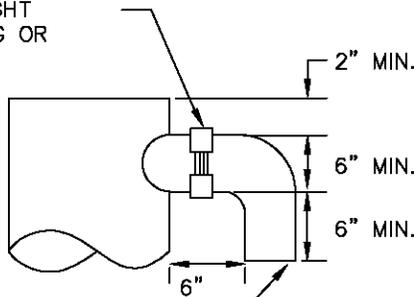
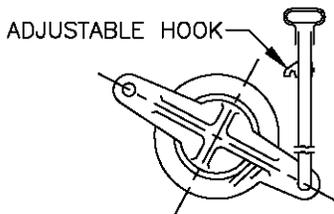


PLATE WELDED TO
ELBOW WITH ORIFICE
AS SPECIFIED

ELBOW RESTRICTOR
DETAIL
NTS

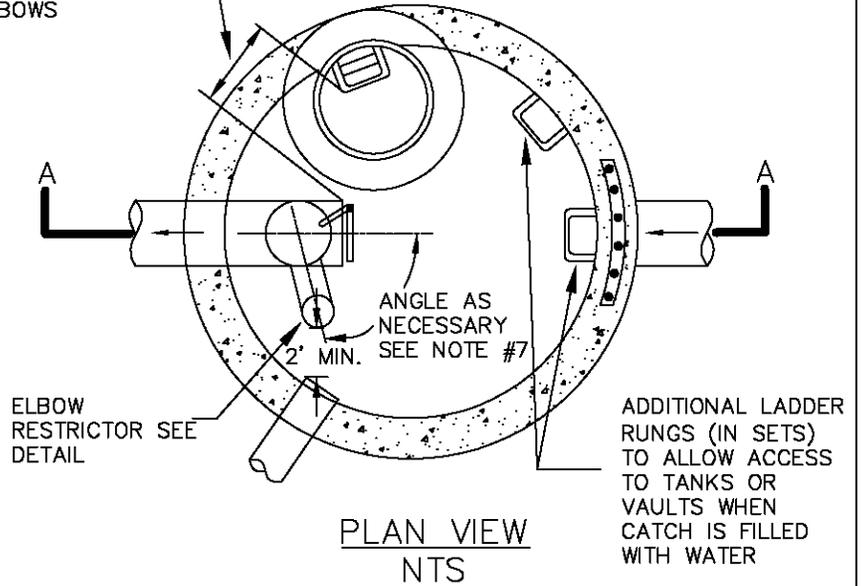


SHEAR GATE
NTS

NOTES:

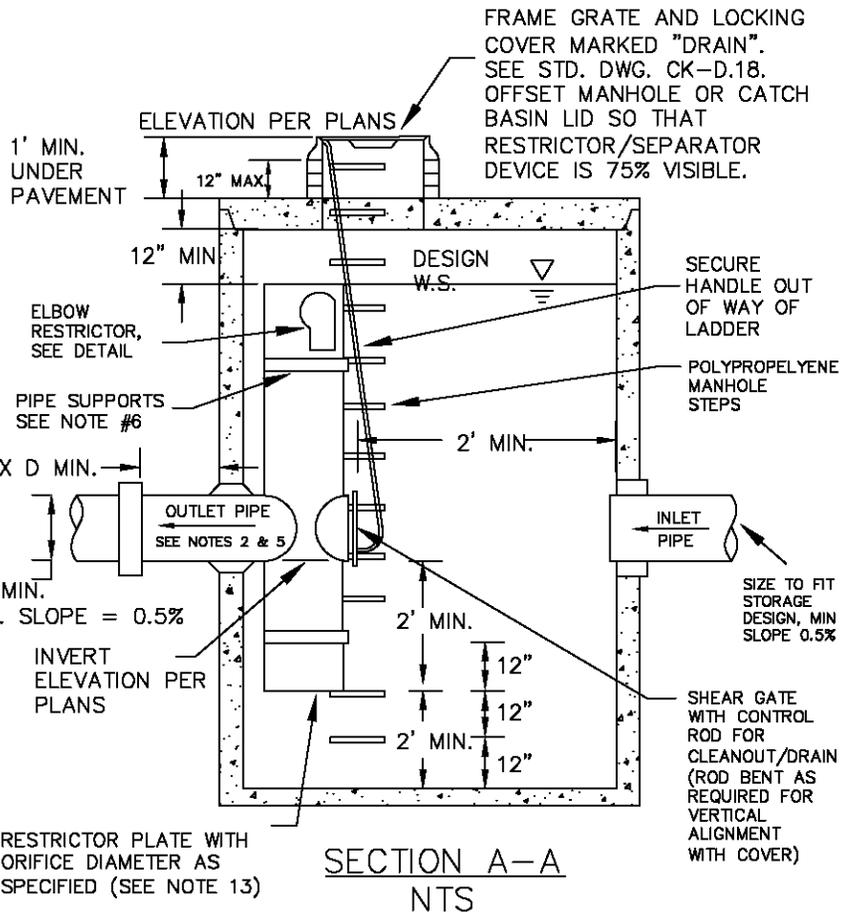
1. USE A MINIMUM OF A 54" DIAMETER TYPE-II CATCH BASIN.
2. OUTLET CAPACITY: 100-YEAR DEVELOPED PEAK FLOW.
3. METAL PARTS: CORROSION RESISTANT, ALUMINUM AND STAINLESS STEEL ARE REQUIRED.
4. FRAME & LADDER OR STEPS TO OFFSET SO:
 - A. CLEANOUT GATE IS VISIBLE FROM TOP.
 - B. CLIMB-DOWN SPACE IS CLEAR OF 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 O.D. EQUAL TO CONCRETE PIPE I.D. LESS 1/4".
6. PROVIDE AT LEAST TWO 3" X 0.090 GAGE SUPPORT BRACKET BOLTED OR EMBEDDED 2" INTO CONCRETE WALL. (MAXIMUM 3'-0" VERTICAL SPACING)
7. LOCATE ELBOW RESTRICTOR(S) AS NECESSARY TO PROVIDE MINIMUM 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. SHEAR GATE SHALL BE ATWOOD FABRICATION, OR EQUAL PRODUCT MADE OF ALUMINUM (NO CAST IRON).
10. GATE SHALL BE 8" IN DIA UNLESS OTHERWISE SPECIFIED.
11. LIFT ROD: AS SPECIFIED BY MFR. WITH HANDLE EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD.
12. FILL CATCH BASIN TO INVERT LEVEL OF OUTFLOW PIPE TO PREVENT ANY OIL ESCAPING.
13. REMOVABLE SCREEN REQUIRED REGARDLESS OF BOTTOM ORIFICE SIZE. STAINLESS STEEL MESH, 8" DEPTH, MIN. 3 STAINLESS STEEL SCREWS, 0.25" MESH TYPICAL.

2' MIN.
CLEARANCE TO
ANY PORTION OF
FROP-T INCLUDING
ELBOWS



PLAN VIEW
NTS

ADDITIONAL LADDER
RUNGS (IN SETS)
TO ALLOW ACCESS
TO TANKS OR
VAULTS WHEN
CATCH IS FILLED
WITH WATER



SECTION A-A
NTS

FRAME GRATE AND LOCKING
COVER MARKED "DRAIN".
SEE STD. DWG. CK-D.18.
OFFSET MANHOLE OR CATCH
BASIN LID SO THAT
RESTRICTOR/SEPARATOR
DEVICE IS 75% VISIBLE.

RESTRICTOR PLATE WITH
ORIFICE DIAMETER AS
SPECIFIED (SEE NOTE 13)

CITY OF KIRKLAND

PLAN NO. CK-D.10



CATCH BASIN-TYPE 2
W/OIL SEPARATOR
FLOW RESTRICTOR