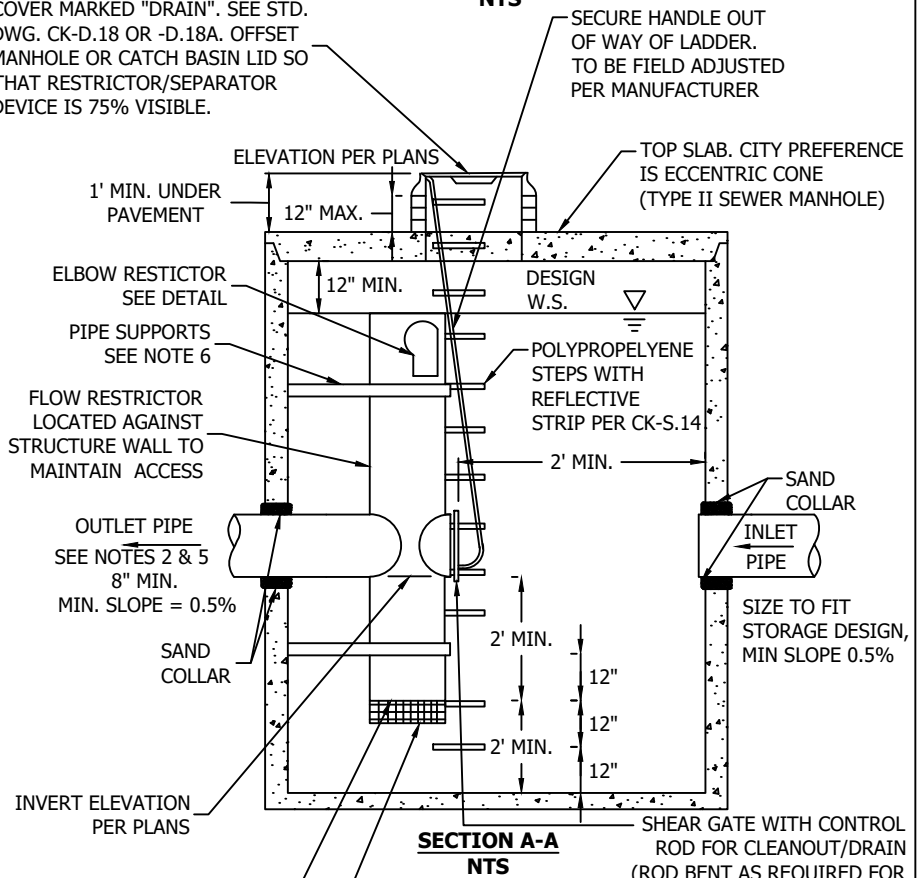


FRAME GRATE AND LOCKING COVER MARKED "DRAIN". SEE STD. DWG. CK-D.18 OR -D.18A. OFFSET MANHOLE OR CATCH BASIN LID SO THAT RESTRICTOR/SEPARATOR DEVICE IS 75% VISIBLE.



NOTES:

1. USE A MINIMUM OF A 54" DIAMETER TYPE-II CATCH BASIN.
2. OUTLET CAPACITY: 100-YEAR DEVELOPED PEAK FLOW.
3. METAL PARTS SHALL BE CORROSION RESISTANT, EITHER ALUMINUM OR STAINLESS STEEL. RISER STRUCTURE MATERIAL SHALL BE ALUMINUM. FASTENERS MAY BE STAINLESS STEEL.
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 TWO 3" X 0.100 GAGE SUPPORT BRACKET BOLTED OR EMBEDDED 2" INTO CONCRETE WALL.
7. LOCATE ELBOW RESTRICTOR(S) AS NECESSARY TO PROVIDE MINIMUM CLEARANCE AS SHOWN.
8. TOP HAND HOLD SHALL BE LOCATED LESS THAN 18" BELOW FINISHED GRADE.
9. LOCATE ADDITIONAL LADDER RUNGS IN STRUCTURES USED AS ACCESS TO TANKS OR VAULTS TO ALLOW ACCESS WHEN CATCH BASIN IS FILLED WITH WATER.
10. SHEAR GATE SHALL BE PRODUCT MADE OF CAST ALUMINUM (NO CAST IRON).
11. GATE SHALL BE 8" OR LARGER IN DIAMETER FOR OUTLET PIPES SMALLER THAN 23" DIAMETER. GATE SHALL BE 12" OR LARGER DIAMETER FOR OUTLET PIPES 24" DIAMETER AND LARGER.
12. LIFT ROD: AS SPECIFIED BY MANUFACTURER. WITH HANDLE TENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD.
13. FILL CATCH BASIN TO INVERT LEVEL OF OUTFLOW PIPE TO PREVENT ANY OIL ESCAPING.
14. REMOVABLE BASKET OR SCREEN REQUIRED REGARDLESS OF BOTTOM ORIFICE SIZE. ALUMINUM MESH, 8" DEPTH, MIN. 3 STAINLESS STEEL SCREWS, 0.5" EXPANDED SHEET MESH TYPICAL.
15. CITY OF KIRKLAND REQUIRES ELBOW AND FERNCO, INDIANA SEAL OR EQUIVALENT TO BE REMOVABLE.
16. ALL NEW PVC PIPES SHALL BE INSTALLED WITH SAND COLLARS AND A NON-SHRINK GROUT. JETSET NOT ALLOWED.
17. MINIMUM 10' FROM ADJACENT TREES, UNLESS OTHERWISE APPROVED.

CITY OF KIRKLAND	
PLAN NO. CK - D.10	
	CATCH BASIN-TYPE 2 W/OIL SEPARATOR FLOW RESTRICTOR