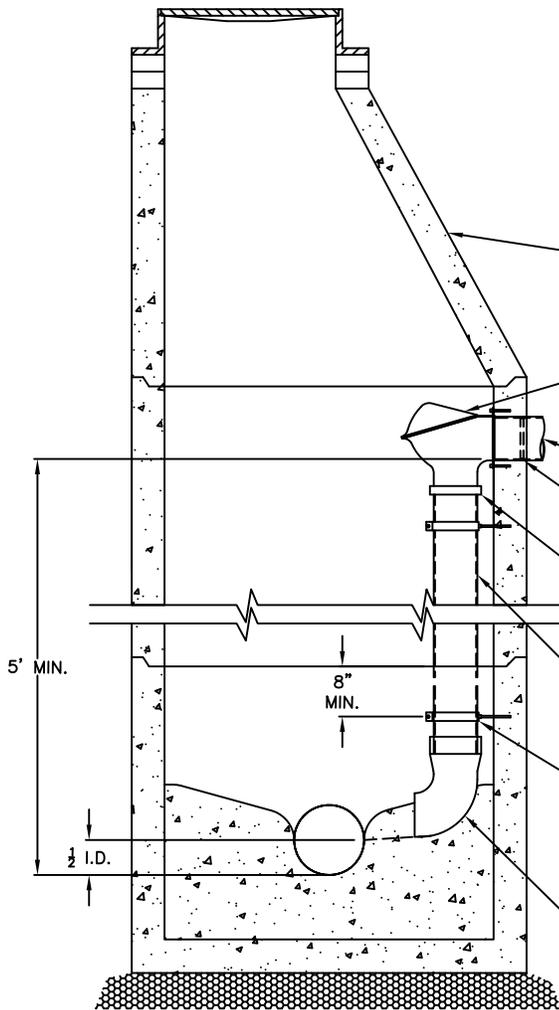
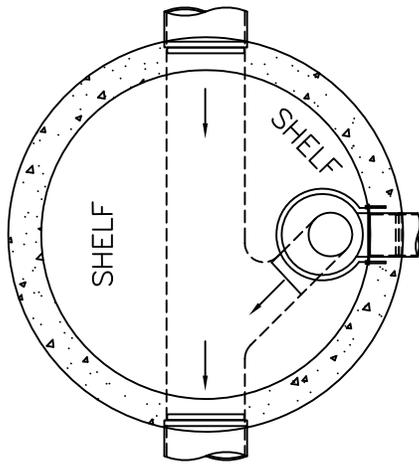


NOTES THIS DETAIL:

1. INTERIOR DROP MANHOLES WILL ONLY BE ALLOWED FOR GRAVITY SEWER PIPES (NON-PRESSURIZED FLOW) REQUIRING VERTICAL DROP STRUCTURES FIVE FEET (5') OR GREATER.
2. ALL PIPE PENETRATIONS SHALL BE CAST IN PLACE WATERTIGHT FOR NEW MANHOLES OR CORED PENETRATION WITH PVC SAND COLLAR OR APPROVED EQUIVALENT GROUTED SMOOTHLY IN-PLACE IN EXISTING MANHOLES.
3. ALL STAINLESS STEEL ADJUSTABLE BRACKETS SHALL BE PLACED 8" MINIMUM SEPARATION FROM ANY JOINT OR OTHER PIPE PENETRATIONS WITHIN MANHOLE.
4. ORIENTATE DROP BOWL AND STANDPIPE STRUCTURE PLACEMENT TO AVOID OBSTRUCTION WITH MANHOLE STEPS.
5. ALL FASTENING HARDWARE SHALL BE STAINLESS STEEL 300 SERIES OR BETTER.
6. CHANNEL AT BASE OF DROP STRUCTURE SHALL BE FORMED WITH 0.10' FALL INTO CONCRETE BENCH AND MATCH NEW OUTLET CHANNEL INVERT TO SPRING LINE OF THROUGH CHANNEL.



SANITARY SEWER MANHOLE. SEE STD DWG. SS-1, SS-4 AND SS-5. STEPS NOT SHOWN FOR CLARITY

RELINER® INSIDE DROP BOWL WITH HOOD OR APPROVED EQUIVALENT SECURED TO MANHOLE INSIDE WALL WITH STAINLESS STEEL BOLTS PER THE MANUFACTURER'S SPECIFICATIONS. SIZE TO MATCH SEWER PIPE.

SEWER PIPE. TRIM PIPE TO 2" MAX. V-NOTCH BOTTOM EDGE.

PVC SAND COLLAR (GASKET) PIPE PENETRATION OR APPROVED EQUIVALENT.

FERNCO FLEXABLE COUPLING OR APPROVED EQUIVALENT.

PVC STAND PIPE. SIZE TO MATCH SEWER PIPE.

STAINLESS STEEL STRAPS WITH ADJUSTABLE BRACKETS SECURED TO MANHOLE INSIDE WALL WITH TWO (2) STAINLESS STEEL BOLTS. STRAPS AT 4' INTERVALS OR MINIMUM OF TWO (2) PER WHOLE PIPE SECTION (TYP.)

PVC ELBOW BELL & SPIGOT GLUED AND EMBEDDED IN CONCRETE CHANNEL. SIZED TO MATCH SEWER PIPE. 0.10' FALL IN NEW DROP CHANNEL.

REVISION	APPROVED	DATE	CITY OF COEUR d'ALENE STANDARD DRAWING	APPROVED BY:
			<h2>INTERNAL DROP SEWER MANHOLE</h2>	 CITY ENGINEER, PE 7432
				DATE: 4/20/15
				DWG NO. SS-2