

STEPS NOT

5' MIN. SEE NOTE 1

½ I.D.

SHOWN FOR CLARITY

MIN.

NOTES THIS DETAIL:

- 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 STAINLESS STEEL ADJUSTABLE BRACKETS SHALL BE PLACED 8" MINIMUM SEPARATION FROM ANY JOINT OR OTHER PIPE PENETRATIONS WITHIN MANHOLE.
- 3. ORIENTATE DROP BOWL AND STANDPIPE STRUCTURE PLACEMENT TO AVOID OBSTRUCTION WITH MANHOLE STEPS. ROTATE MANHOLE CONE IF NECESSARY.
- 4. ALL FASTENING HARDWARE SHALL BE STAINLESS STEEL 300 SERIES OR BETTER.
- 5. CHANNEL AT BASE OF DROP STRUCTURE SHALL BE FORMED WITH 0.15' FALL INTO CONCRETE BENCH AND MATCH NEW OUTLET CHANNEL INVERT TO SPRING LINE OF THROUGH CHANNEL.
- 6. EXTERNAL DROP MANHOLES ARE NOT ACCEPTABLE.

-SANITARY SEWER MANHOLE. SEE STD DWG. SS-1, SS-4A AND SS-5.

-RELINER® INSIDE DROP BOWL 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.

CAST-IN-PLACE FOR NEW MANHOLES. CORED AND GROUTED IN PLACE FOR EXISTING MANHOLES.

BOOTS ARE NOT ACCEPTABLE.

FERNCO FLEXIBLE COUPLING OR APPROVED EQUIVALENT.

PVC SCHEDULE 40 STAND PIPE. SIZED PER WASTEWATER UTILITY DIRECTIVES. USE WHOLE PIPE SECTION WHENEVER POSSIBLE; OTHERWISE GLUE PIPE SECTIONS TOGETHER WITH COUPLER FITTINGS.

-CONCRETE MANHOLE JOINT

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

-PVC SCHEDULE 40 ELBOW BELL & SPIGOT GLUED AND EMBEDDED INTO NEW CONCRETE CHANNEL. SIZED TO MATCH SEWER STAND PIPE. 0.15' FALL IN NEW DROP CHANNEL.

REVISION APPROVED DATE CITY OF COEUR d'ALENE STANDARD DRAWING APPROVED BY:

INTERNAL DROP
CITY ENGINEER, PE 10804 DATE:

DWG NO. SS-2