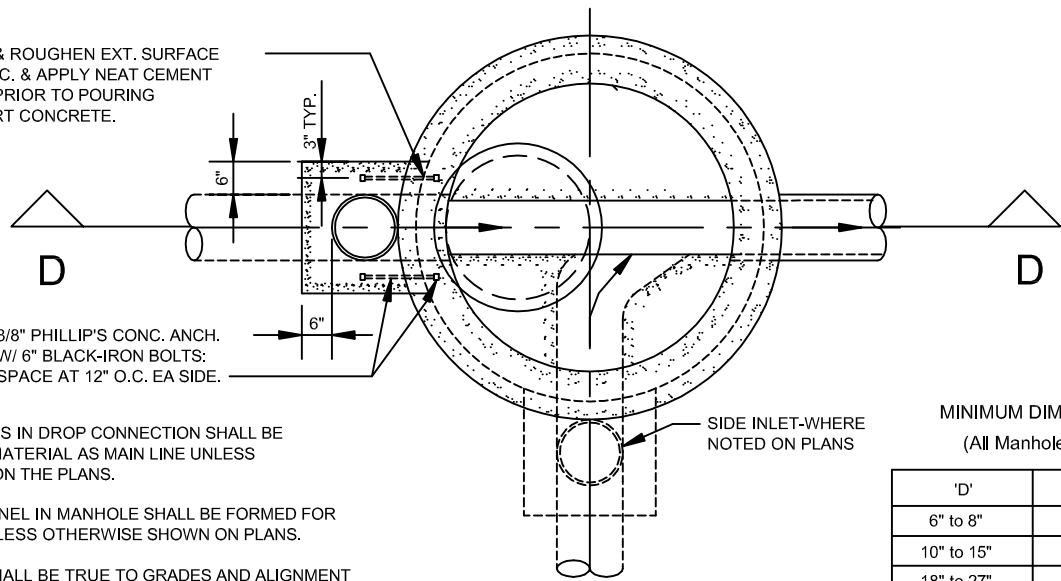


CLEAN & ROUGHEN EXT. SURFACE OF CONC. & APPLY NEAT CEMENT PASTE PRIOR TO POURING SUPPORT CONCRETE.



**NOTES:**

- 1) ALL PIPE AND FITTINGS IN DROP CONNECTION SHALL BE THE SAME SIZE AND MATERIAL AS MAIN LINE UNLESS OTHERWISE SHOWN ON THE PLANS.
- 2) DROP SECTION CHANNEL IN MANHOLE SHALL BE FORMED FOR 8" DIAMETER PIPE UNLESS OTHERWISE SHOWN ON PLANS.
- 3) CHANNEL INVERTS SHALL BE TRUE TO GRADES AND ALIGNMENT AND FINISHED SMOOTH.
- 4) SHEAR COUPLINGS ARE REQUIRED WHEN BELLED ENDS ARE NOT USED.
- 5) BITSUMASTIC SHALL BE USED ON ALL MANHOLE JOINTS, EXCLUDING GRADE RINGS.

**MINIMUM DIMENSIONS:**  
(All Manhole Types)

'D'	'F'	'G'
6" to 8"	6"	4"
10" to 15"	6"	4"
18" to 27"	12"	4"

DIMENSIONS 'F' & 'G' SHALL BE USED FOR 'D' (INSIDE DIA. OF PIPE) OF THE LARGEST PIPE IN THE MANHOLE.

**TYPE "A" DROP MANHOLE TO BE USED ONLY UPON APPROVAL OF DISTRICT ENGINEER.**

REVISIONS		
DESCRIPTION	APPROVED	DATE
REMOVE STEPS & REVISE "F" & "G"		7-24-07
ROTATED SECTION		10-27-11
ADDED APPROVAL NOTE		3-27-17

**VALLECITOS WATER DISTRICT STANDARD DRAWING**

**DROP MANHOLE TYPE "A"**

DATE: JULY 2015

BY:

Drawing No.

S-2