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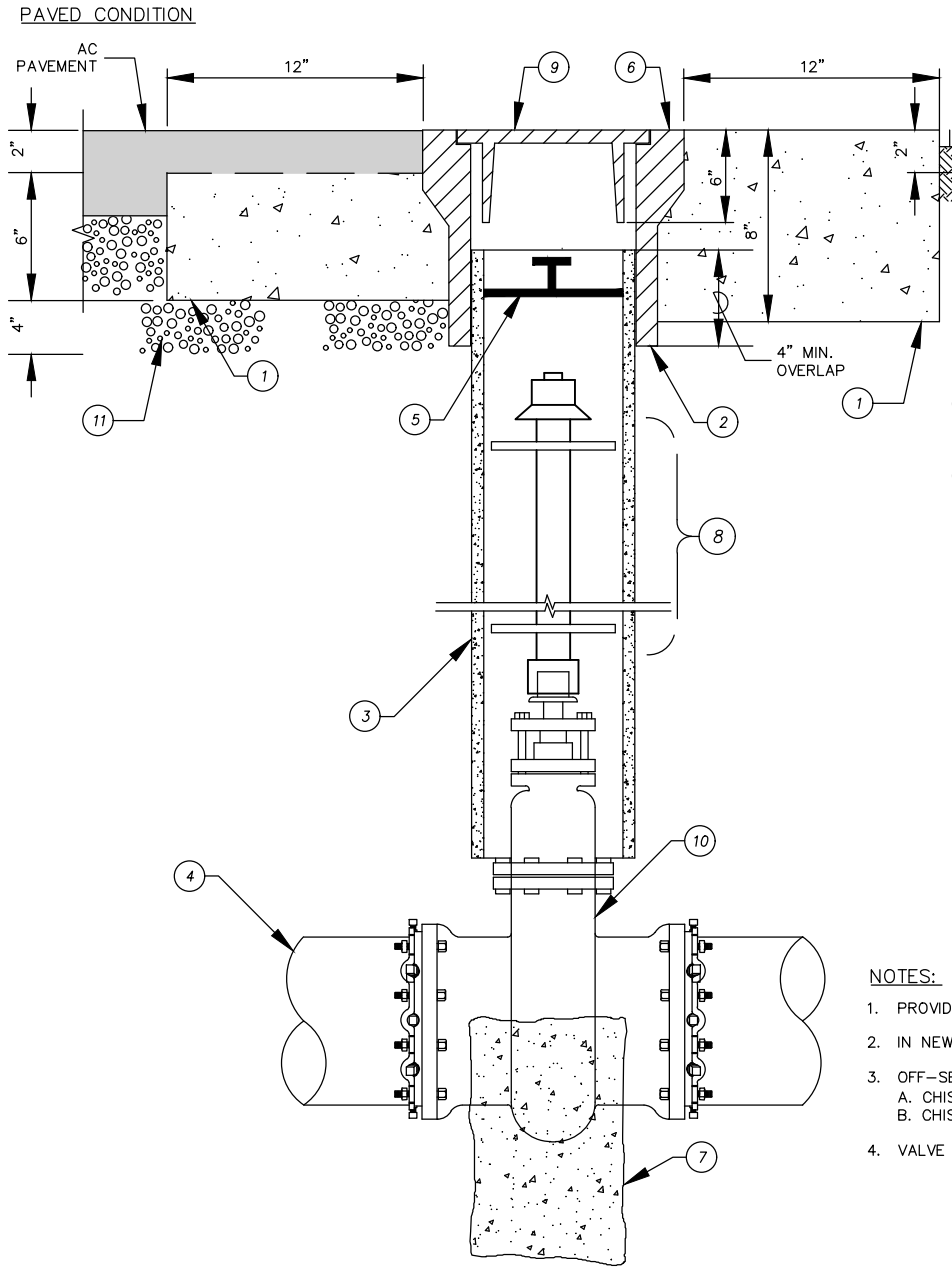

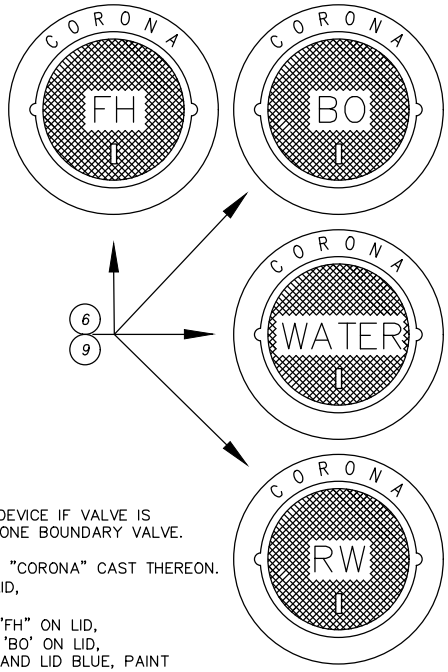

ITEM	MATERIALS
1	CLASS 560-C-3250 CONCRETE COLLAR.
2	CAST IRON VALVE BOX.
3	ONE-PIECE 8-INCH (C-900, CL150) PVC PIPE.
4	WATER MAIN.
5	8-INCH (NOM), DEBRIS CAP. PROVIDE LOCKING DEVICE IF VALVE IS NORMALLY CLOSED OR VALVE IS A PRESSURE ZONE BOUNDARY VALVE.
6	VALVE COVER FRAME TO BE IRON WITH LETTERS "CORONA" CAST THEREON. FOR DOMESTIC WATER LINES ADD "WATER" ON LID, FOR RECLAIMED WATERLINES ADD "RW" ON LID, FOR VALVES ON FIRE HYDRANT LATERALS ADD "FH" ON LID, FOR VALVES ON HYDRANT STYLE BLOWOFF ADD 'BO' ON LID, PAINT DOMESTIC WATERLINE VALVE BOX FRAME AND LID BLUE, PAINT RECLAIMED WATERLINE VALVE BOX FRAME AND LID PURPLE.
7	THRUST BLOCK PER CITY STD. DWG. 401.
8	VALVE STEM EXTENSION SOLID STEEL ROD – SQUARE OR ROUND. DO NOT PIN TO VALVE NUT. PROVIDE TWO 6½" OD x 3/16" STEEL PLATES. WELD TO VALVE STEM EXTENSION WITH ⅛-INCH WELD ALL AROUND ON BOTH SIDES. WELD ON ONE PLATE NEAR TOP OF EXTENSION AND ONE NEAR BOTTOM.
9	VALVE BOX COVER PER DETAIL HEREON. USE MINIMUM 20-LB CAST IRON LID FOR ROUND BOXES.
10	VALVE PER CITY STD. DWG 420.
11	AGGREGATE BASE.

NOTES:

1. PROVIDE VALVE STEM EXTENSION TO 24 INCHES BELOW FINISH SURFACE IF DEPTH TO VALVE NUT EXCEEDS 60 INCHES.
2. IN NEW TRACT DEVELOPMENTS EXTEND VALVE RISER 24 INCHES ABOVE GROUND SURFACE FOR INTERIM CONDITIONS.
3. OFF-SET MARKS/TIE-OUTS FOR ALL NEW WATER VALVE INSTALLATIONS SHALL BE MARKED ON CURBS. AS FOLLOWS:
   A. CHISEL A 1½-INCH TALL "V" IN THE CURB FACE TO INDICATE LOCATION OF VALVE.
   B. CHISEL (2) "X's" AND THEIR RESPECTIVE DISTANCES IN THE CURB TO BE USED AS "TIE" LOCATIONS FOR VALVE CAN.
4. VALVE MUST BE ACCESSIBLE AT ALL TIMES.

NOT TO SCALE

VALVE BOX AND VALVE STEM EXTENSION

REVISION		
NO.	APPROVED	DATE
1		12/28/18
2	VRW	10/01/20

APPROVED:

Tom Koper — TOM G. KOPER, PE, CITY ENGINEER — 10/01/20 DATE

Vernon R. Weisman — VERNON R. WEISMAN, PE, DISTRICT ENGINEER — 10/01/20 DATE

CITY OF CORONA

STD 422

SHEET 1 OF 1

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