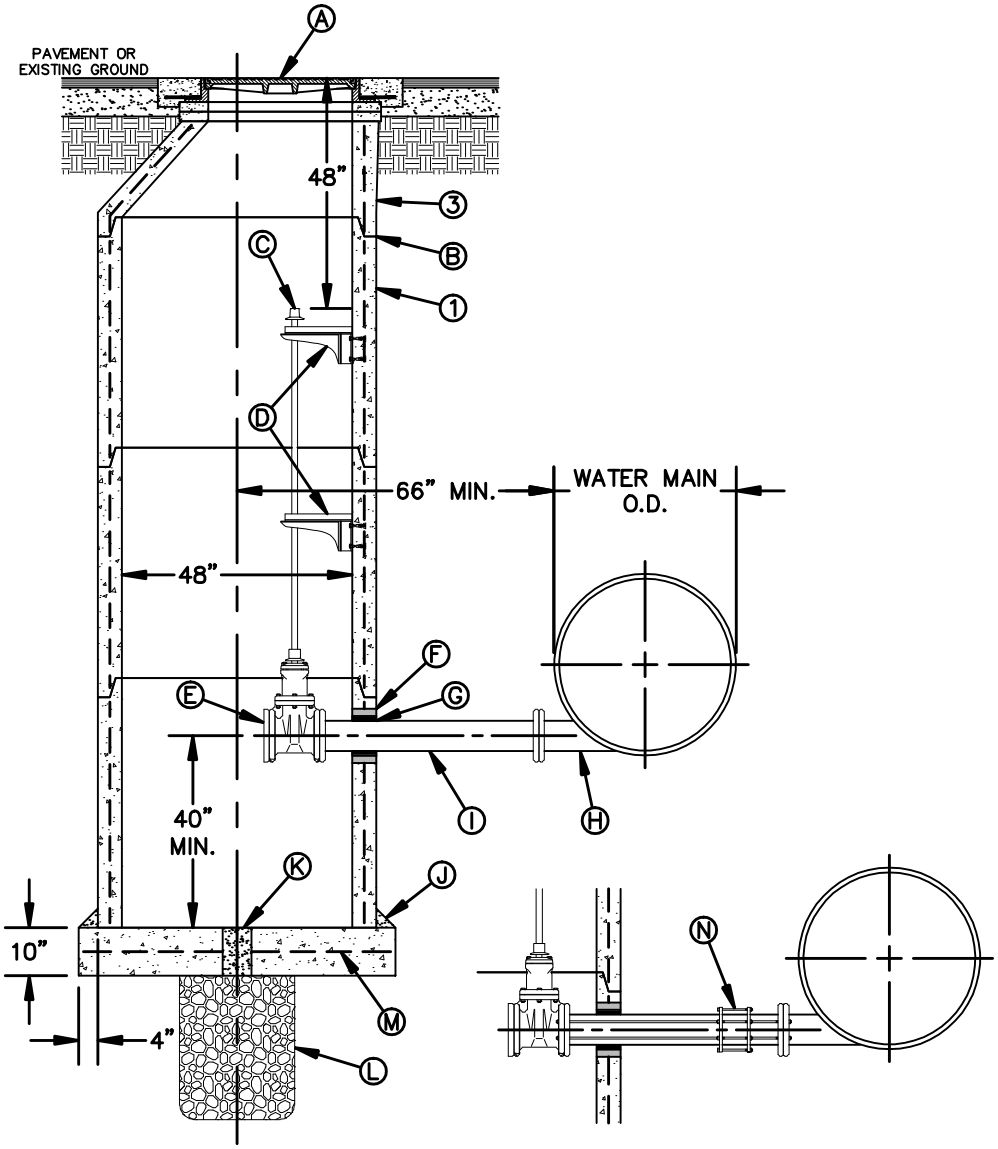

SECTION

SEAL COUPLING ALTERNATE

GENERAL NOTES:

1. PRE-CAST MANHOLE SECTIONS SHALL BE OF REINFORCED CONCRETE CONFORMING TO ASTM C-478 AND SHALL MEET HS-20 LOADING. PROVIDE REINFORCEMENT WITHIN 3" @ OPENINGS OR KNOCKOUTS, OPENINGS (UP TO 8") MADE IN FIELD SHALL BE CORE DRILLED.
2. MANUFACTURER TO PROVIDE LIFTERS OF ADEQUATE SIZE AS NEEDED.
3. ECCENTRIC CONE SECTION REINFORCEMENT IN ACCORDANCE WITH ASTM C-478.

CONSTRUCTION KEY NOTES:

A. MANHOLE RING AND COVER (SEE DETAILS 377 & 378). SET FRAME AND COVER FLUSH WITH ROADWAY SURFACE OR FINISHED GRADE (SEE DETAIL 185).
B. ALL JOINTS TO BE TONGUE, GROOVE AND SEALED WITH RAM-NEK OR APPROVED EQUAL.
C. 1¼" DIAMETER SOLID STEEL EXTENSION STEM WITH SQUARE SOCKET ON BOTTOM TO FIT 2" SQUARE VALVE NUT AND 2" SQUARE OPERATOR NUT ON TOP.
D. ADJUSTABLE EXTENSION STEM GUIDE (AS PER DETAIL 261-3) @ 6' MAX. INTERVALS.
E. 6" FLANGED GATE VALVE (NORMALLY CLOSED) WITH BLIND FLANGE.
F. NON-SHRINK GROUT.
G. 1" SPONGE RUBBER.
H. 6" BOTTOM TANGENT OUTLET (SCCP OR STEEL PIPE). USE BOTTOM OUTLET FOR DIP.
I. PROVIDE SPOOL PIECE WITH BOLTED FLANGES BOTH ENDS.
J. 4"x4" GROUT ALL AROUND.
K. 6" DIAMETER DRAIN HOLE FILLED WITH GRAVEL.
L. 24" DIAMETER BY 2'-6" DEEP GRAVEL SUMP.
M. #5 @ 12" O.C.E.W.
N. IF SEAL COUPLING IS USED, MUST INSTALL ¾" STAINLESS STEEL HARNESS RODS WELDED OR BOLTED TO BOTH END FLANGES FOR PROPER RESTRAINT. COAT RODS WITH NON-CORROSIVE INHIBITIVE PAINT. WRAP ENTIRE COUPLING & ROD ASSEMBLY WITH POLYETHYLENE WRAP.

STANDARD DETAIL	DATE: 5/1994 REV: 3/1/2011	BLOW-OFF VALVE ASSEMBLY N.T.S.	EL PASO WATER UTILITIES PUBLIC SERVICE BOARD	DETAIL No. 262