

REV.	DATE	DESCRIPTION	BY

**TYPICAL VALVE SETTING & BOX**

CONCRETE PAD, 24" SQUARE, SHALL BE POURED AROUND ALL VALVE BOXES NOT PLACED WITHIN CONCRETE PAVEMENT. 3000 P.S.I. CONCRETE.

NOTE:  
1. 4"-12" R.S. GATE VALVES SHALL BE IN ACCORDANCE WITH TOWN OF ADDISON WATER SYSTEM REQUIREMENTS.  
2. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE WHERE THE OPERATING NUT IS LOCATED IN EXCESS OF 5 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 5 FEET OF VALVE BOX LID.  
3. BLUE "V" (3") CUT INTO FACE OF NEAREST CURB AND POINTING TOWARD THE VALVE.  
4. ALL IRON MATERIALS SHALL BE DOMESTIC. (MADE IN USA)  
5. CRUSHED STONE SHALL BE 3/4", PASSING #4 SIEVE.

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CARRIER PIPE SIZE (IN)	STEEL ENCASMENT O.D. (IN)	STEEL ENCASMENT WALL THICKNESS (IN)
6	14	1/4
8	18	1/4
12	21	1/4
18	27	3/8
21	30	3/8
24	36	3/8
27	39	1/2

FOR ALL CARRIER PIPES OVER 27": THE STEEL ENCASMENT PIPE SHALL BE 12" LARGER THAN THE CARRIER PIPE AND THE STEEL ENCASMENT WALL THICKNESS SHALL BE 1/2".

NOTES:  
1. HIGH DENSITY POLYETHYLENE SPACERS, RACI OR EQUAL, SHALL BE USED. WHERE NO CASING PIPE IS REQUIRED OVERCUTTING AROUND UTILITY SHALL BE FILLED WITH HYDRAULICALLY PLACED NON-SHRINK GROUT AS PER ASTM C476.  
2. ENCASMENT PIPE SHALL BE HIGH DENSITY STEEL PIPE. ALL JOINTS TO BE WELDED 100%.

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AUGUST, 2010	-	SD-W03

**TYPICAL P.V.C. WATER MAIN EMBEDMENT**

CLASS "B+" EMBEDMENT  
CRUSHED STONE SHALL BE 3/4", PASSING # 4 SIEVE

DATE:	REV DATE:	SHEET :
AUGUST, 2010	-	SD-W01