



1. RODS SHOULD EXTEND TO TOP OF PIPE CROWN.
2. X x Y MUST EQUAL THE SQUARE FOOTAGE OF THE AREA AS SHOWN IN THE TABLE BELOW:

BEARING SURFACE AREA FOR VALVE FOOTINGS

VALVE SIZE	PSF	4'	6'	8'
QUICKSAND, POOR SOIL	1,000	3	7	12
GRAVEL, COARSE SAND	1,600	2	5	8
SOFT CLAY	2,000	2	4	6
FAIRLY DRY CLAY, CLEAN DRY SAND	4,000	1	2	3
DRY CLAY, COMPACT SAND	8,000	1	1	2
POOR ROCK	10,000	1	1	2

3. COAT EXPOSED STEEL RODS AND CLAMPS WITH BITUMINOUS BASE PAINT.

NOTE:
THIS STANDARD IS TO BE USED FOR PVC SEWER FORCE MAINS OR PRIVATE WATER SERVICE ONLY.

VALVE FOOTING

CITY OF ROCKY MOUNT
DEPT. OF ENGINEERING

REVISIONS		
NO	DATE	DESCRIPTION

APPROVED -	STD. NO. 5.14
DATE 04-07-00	REVISION -