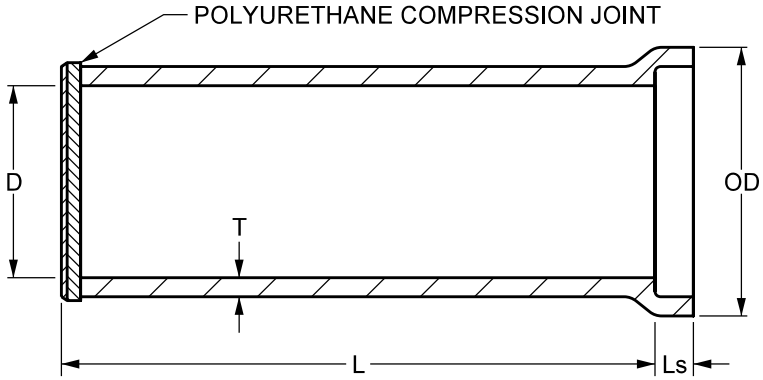
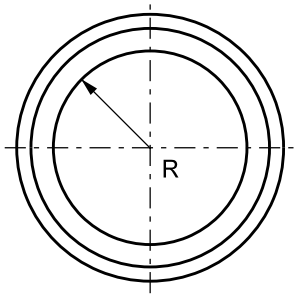


LONGITUDINAL SECTION



END SECTION

D INSIDE DIA. (IN.)	WEIGHT PER LIN. FT. (LBS. APPROX.)	L NOM. LAYING LENGTH (FT.)	T BARREL THICKNESS (IN.) NOMINAL	OD BELL OUTSIDE DIA. (IN.) NOMINAL	Ls DEPTH OF SOCKET (IN.)	INSIDE PIPE AREA (SQ. FT.)	$R^{2/3}$
4	10	4, 4 1/2	5/8	7 3/8	1 3/4	.087	
6	20	6	13/16	10 3/4	2 1/4	.196	.249
8	30	6	1	13	2 1/4	.349	.302
10	45	6	1 3/16	16 11/16	2 3/4	.545	.352
12	60	6	1 3/8	18 1/2	2 3/4	.785	.397
15	90	7, 8, 9	1 13/16	22 7/16	3 1/4	1.23	.460
18	140	7, 8, 9	2 1/8	26 9/16	3	1.77	.520
21	191	7, 8, 9, 10	2 5/8	31	3 1/4	2.41	.577
24	240	7, 8, 9, 10	2 15/16	35	3 1/2	3.14	.630
27	315	7, 8, 9, 10	3 1/4	39 11/16	3 1/2	3.98	.681
30	383	7, 8, 9, 10	3 5/16	45 1/4	3 5/8	4.91	.731
33	368	7, 8, 9, 10	3 1/4	45 1/4	3 3/4	5.94	.779
36	425	7, 8, 9, 10	3 1/2	48 1/2	3 3/4	7.07	.825
42	633	7, 8, 9	4 1/4	60	4 1/2	9.62	.915

CLAY PIPE SHALL CONFORM TO ASTM C-700-02 FOR THE SIZE, TYPE, AND CLASS SPECIFIED, SUBJECT TO THE FOLLOWING:

1. COMPRESSION JOINT SHALL CONFORM TO ASTM C-425
2. WHEN REQUESTED BY THE ENGINEER, THE PIPE MANUFACTURER SHALL FURNISH A CERTIFICATE OF COMPLIANCE COVERING THE MATERIAL DELIVERED

ASTM C-828 LOW PRESSURE AIR TEST OF VCP SHALL BE REQUIRED WHEN REQUESTED BY THE ENGINEER
ASTM C-12 INSTALLATION OF VITRIFIED CLAY PIPE APPLIES
ASTM C-301 METHOD FOR TESTING CLAY SEWER PIPE APPLIES TO MANUFACTURE OF PIPE

MINNEAPOLIS CUSTOM
MNDOT 2503, 3251
NOT TO SCALE

2503.511 _____" A11 VC PIPE SEWER, CLASS ____, _____ LINEAR FT.

MINNEAPOLIS
DEPARTMENT OF PUBLIC WORKS

DRAWN: DCD	DATE: 1/07
APPROVED: HRS	DATE: 7/07

VITRIFIED CLAY PIPE

STANDARD PLATE NO. SEWR-4007-R1