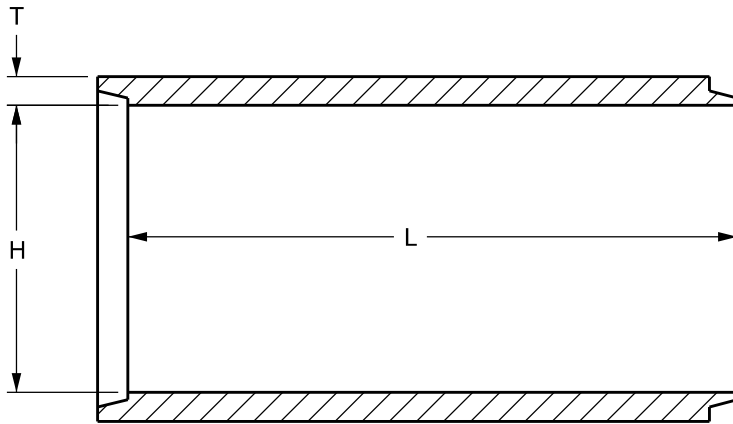
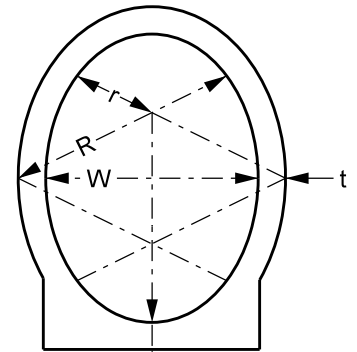


NON-REINFORCED CONCRETE PIPE



LONGITUDINAL SECTION

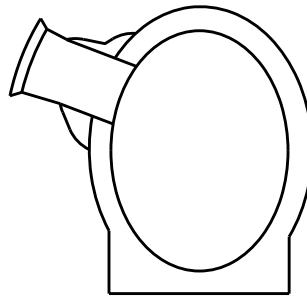


END VIEW

SIZE	L	H	W	T & t	R	$r = 1/3 H$	AREA
12	30	14 1/2	10 1/2	1 3/4	12 1/4	4.83	0.83
15	36	18	13	2	15	6	1.27
18	36	20 3/4	16	2 1/8 - 2	18 1/8	6.92	1.73

DIMENSIONS ARE IN INCHES

TYPE N AIR ENTRAINED
MORTAR COLLAR AROUND
CONNECTION PIPE



END VIEW - CONNECTION DETAIL

REFERENCE PLATE ONLY

MINNEAPOLIS CUSTOM
MNDOT SPEC. REF. 3253
NOT TO SCALE



DRW: DCD

DATE: 3/03

APP: HRS

DATE: 1/07

CONCRETE OVAL SEWER PIPE

STANDARD
PLATE
NO.
SEWR-5012