



ENCASEMENT SIZE AND REINFORCING SCHEDULE					
WATERMAIN SIZE	B	C MIN	U BAR LENGTH (in)	LONGITUDINAL REINFORCEMENT	CONCRETE (CY/LF)
6"	26"	9.75"	49	8 TOTAL, WITH 3 EACH FACE	0.17
8"	28"	9.75"	56	8 TOTAL, WITH 3 EACH FACE	0.19
12"	33"	10.22"	69	8 TOTAL, WITH 3 EACH FACE	0.25
16"	38"	11.00"	82	12 TOTAL, WITH 4 EACH FACE	0.32
24"	48"	11.57"	108	12 TOTAL, WITH 4 EACH FACE	0.48

NOTE:

1. THIS DETAIL IS INTENDED TO ILLUSTRATE THE SUPPLEMENTAL SPECIFICATIONS FOR THE CONSTRUCTION OF PUBLIC INFRASTRUCTURE IN THE CITY OF MINNEAPOLIS - DIVISION WM - WATER DISTRIBUTION SYSTEMS (LATEST EDITION) AND MUST BE USED IN CONJUNCTION WITH THE COMPLETE SPECIFICATIONS.
2. THE APPLICABILITY OF THE PIPE ENCASEMENT DETAILS SHOWN HEREIN IS LIMITED TO THE PIPE SIZES, SOIL COVER, AND OTHER ASSUMPTIONS AS CALLED OUT ON THE DETAILS. ADDITIONAL PIPE SIZES, STRUCTURE TYPES, CONCRETE MIXTURES, OR OTHER VARIATIONS FROM THE ASSUMPTIONS GIVEN HEREIN, SHALL BE AS DIRECTED AND APPROVED BY THE ENGINEER.
3. SEE WATR-2000-R2 FOR PLAN AND PROFILE VIEW.

NOT TO SCALE

	DRW: RGW	DATE: 5/25/2022	REINFORCED CONCRETE ENCASEMENT FOR 6", 8", 12", 16" AND 24" WATERMANS	STANDARD PLATE NO. WATR-4000-R3
	APP: JRH	DATE: 5/25/2022		