



DEPTH (m)	CLAYS	
	LOOPED MAINS/SERVICES	
	W (m)	T (mm)
1.6-1.8	2.6	225
1.8-2.0	2.4	175
2.0-2.2	1.8	150
2.2-2.4	1.4	125
2.4-2.7	1.2	100

DEPTH (m)	CLAYS		GRAVELS		MIXTURE CLAY & GRAVEL	
	DEAD END MAINS/SERVICES, HYDRANT LEADS		ALL INSTALLATIONS		ALL INSTALLATIONS	
	W (m)	T (mm)	W (m)	T (mm)	W (m)	T (mm)
1.6-1.8	3.4	225	4.0	275	3.4	225
1.8-2.0	3.0	200	3.6	250	3.0	200
2.0-2.2	2.4	175	3.2	225	2.4	175
2.2-2.4	2.0	150	2.8	200	2.0	150
2.4-2.6	1.6	125	2.3	175	1.6	125
2.6-2.8	1.4	100	1.8	150	1.4	100
2.8-3.0	1.2	100	1.4	125	1.2	100
3.0-3.3	---	---	1.2	100	---	---

NOTES:

- DENSITY OF CEMATIX CMI-475 INSULATING CELLULAR CONCRETE = 475 kg/cu.m
- CEMATIX SHOULD BE CONTACTED FOR SITE SPECIFIC DESIGNS WHERE SPACE IS LIMITED OR WHERE PIPES HAVE LESS THAN 1.6 m SOIL COVER.
- APPROVAL REQUIRED AS PER SEC. 504.04.15 WATERWORKS SPECIFICATIONS

DIMENSIONS ARE MILLIMETRES UNLESS OTHERWISE NOTED **METRIC**

Drawn LT		Date 04.03.22	Checked	<p>THE CITY OF CALGARY WATERWORKS</p>	Sheet 53
Scale N.T.S.		Approved by 			File Number 453.1042.001
No.	Date	Revision	App'd	for City Engineer	

CELLULAR CONCRETE INSULATION - HORIZONTAL LAYER