

ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4500 psi.

REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60, A706 GRADE 60 OR A497 GRADE 70. BAR BENDING AND PLACEMENT SHALL COMPLY WITH THE LATEST ACI STANDARDS

STANDARD STRUCTURAL DESIGN IS BASED ON AASHTO HS 20 WHEEL LOADING

WATER TABLE IS AT 3'-0" BELOW GRADE FOR STANDARD STRUCTURAL DESIGN

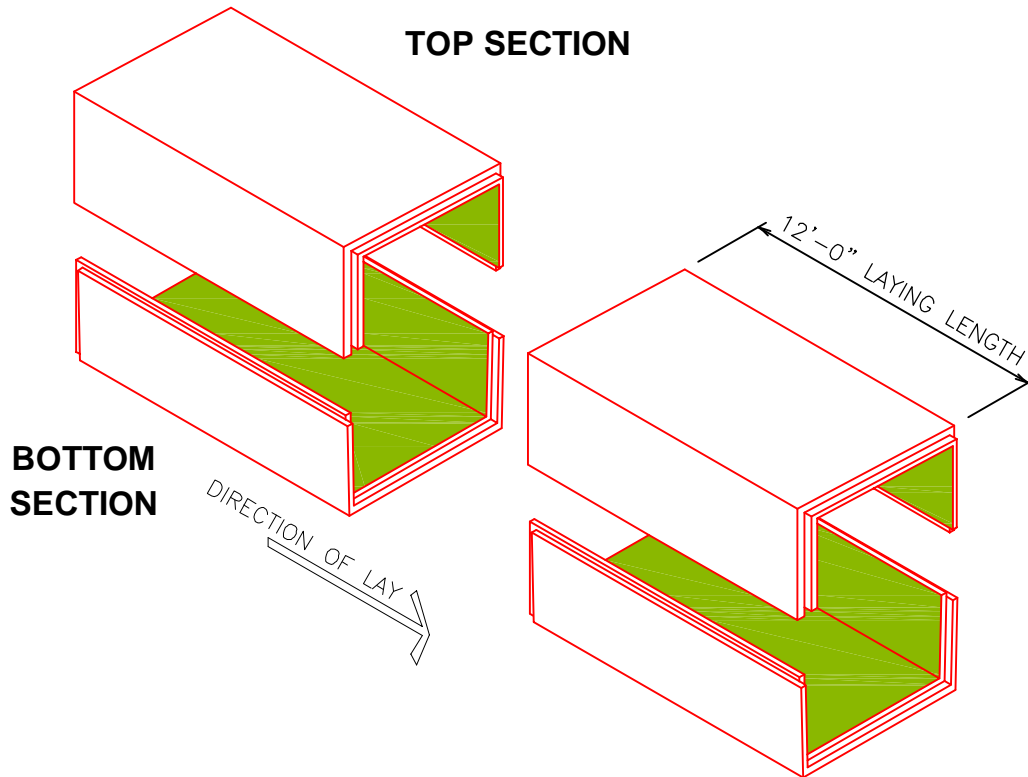
THE STANDARD DESIGN IS BASED ON THE TOP AT ANY ELEVATION BETWEEN FINISHED GRADE AND THE DEPTHS INDICATED.

THE STRUCTURE SHALL BE PLACED ON A COMPACTED GRANULAR BASE TO INSURE UNIFORM DISTRIBUTION OF SOIL PRESSURES.

SPECIAL DESIGNS BASED ON OTHER LOADINGS OR DEEPER INSTALLATION DEPTHS ARE AVAILABLE ON REQUEST.

SIZE		THICKNESS			APPROX. LBS.		STD.
WIDTH	HEIGHT	WALLS	TOP	BOTTOM	TOP	BOTTOM	FILL HT.
3'-0"	2'-0"	6"	6"	6"	5400	5400	15'
3'-0"	3'-0"	6"	6"	6"	6400	6400	15'
5'-0"	5'-0"	6"	7"	6"	10900	9900	10'
6'-0"	5'-0"	6"	7"	7"	11900	11900	8'
6'-0"	6'-0"	6"	7"	7"	12800	12800	8'
7'-0"	5'-0"	6"	8"	7"	14100	13000	8'
7'-0"	6'-0"	6"	8"	7"	15000	13900	8'
7'-0"	7'-0"	6"	8"	7"	16000	14800	8'
8'-0"	5'-0"	6"	8"	8"	15400	15400	8'
8'-0"	6'-0"	6"	8"	8"	16300	16300	8'

SIZE		THICKNESS			APPROX. LBS.		STD.
WIDTH	HEIGHT	WALLS	TOP	BOTTOM	TOP	BOTTOM	FILL HT.
8'-0"	7'-0"	6"	8"	8"	17100	17100	8'
8'-0"	8'-0"	6"	8"	8"	18000	18000	8'
9'-0"	5'-0"	6"	8"	8"	16500	16500	8'
9'-0"	6'-0"	6"	8"	8"	17500	17500	8'
9'-0"	7'-0"	6"	8"	8"	18400	18400	8'
9'-0"	8'-0"	6"	8"	8"	19200	19200	8'
10'-0"	5'-0"	6"	9"	8"	19400	17700	8'
10'-0"	6'-0"	6"	9"	8"	20300	18600	8'
10'-0"	7'-0"	6"	9"	8"	21200	19500	8'
10'-0"	8'-0"	6"	9"	8"	22100	20500	8'



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BC-TYP2

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TYPE 2 BOX CULVERT

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