

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

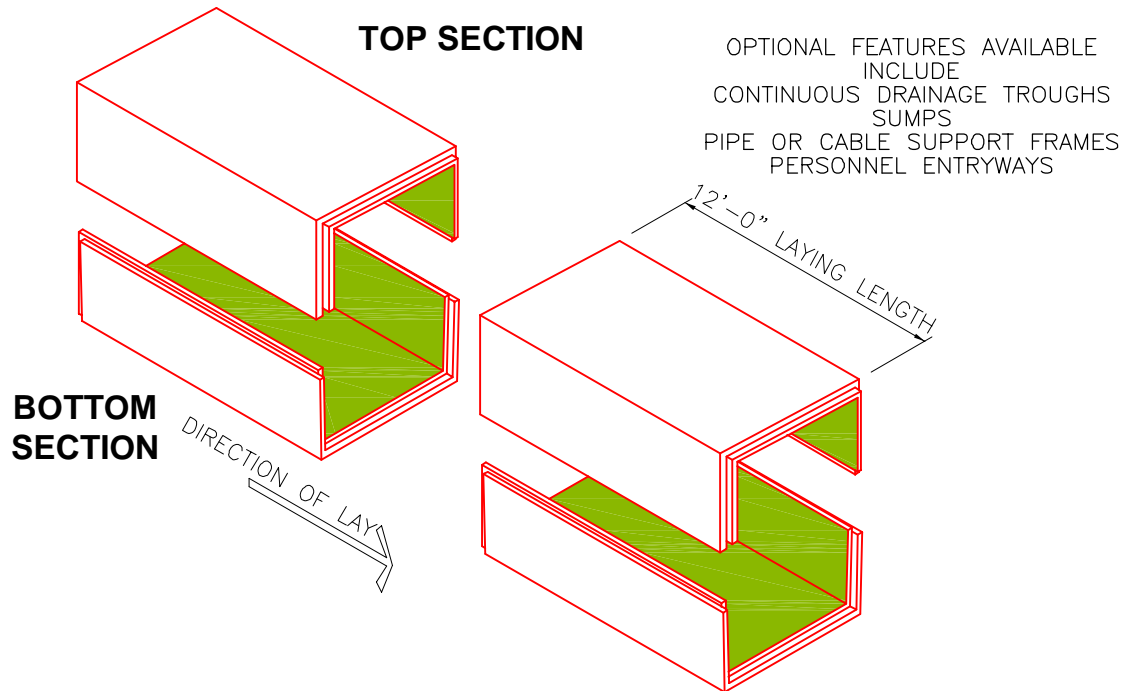
THE STANDARD DESIGN IS BASED ON THE TOP AT ANY ELEVATION BETWEEN FINISHED GRADE AND THE DEPTHS INDICATED.

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	5'
3'-0"	3'-0"	6"	6"	6"	6400	6400	5'
4'-0"	5'-0"	6"	6"	6"	9000	9000	5'
4'-0"	6'-0"	6"	6"	6"	9900	9900	5'
4'-0"	7'-0"	6"	6"	6"	10800	10800	5'
4'-0"	8'-0"	6"	6"	6"	11700	11700	5'
5'-0"	5'-0"	6"	7"	6"	10900	9900	5'
5'-0"	6'-0"	6"	7"	6"	11800	10800	5'
5'-0"	7'-0"	6"	7"	6"	12700	11700	5'
5'-0"	8'-0"	6"	7"	6"	13600	12600	5'
6'-0"	5'-0"	6"	7"	7"	11900	11900	5'
6'-0"	6'-0"	6"	7"	7"	12800	12800	5'
6'-0"	7'-0"	6"	7"	7"	13700	13700	5'
6'-0"	8'-0"	6"	7"	7"	14600	14600	5'
7'-0"	5'-0"	6"	8"	7"	14100	13000	5'

SIZE		THICKNESS			APPROX. LBS.		STD.
WIDTH	HEIGHT	WALLS	TOP	BOTTOM	TOP	BOTTOM	FILL HT.
7'-0"	6'-0"	6"	8"	7"	15000	13900	5'
7'-0"	7'-0"	6"	8"	7"	16000	14800	5'
7'-0"	8'-0"	6"	8"	7"	16900	15700	5'
8'-0"	5'-0"	6"	8"	8"	15400	15400	5'
8'-0"	6'-0"	6"	8"	8"	16300	16300	5'
8'-0"	7'-0"	6"	8"	8"	17100	17100	5'
8'-0"	8'-0"	6"	8"	8"	18000	18000	5'
9'-0"	5'-0"	6"	8"	8"	16500	16500	5'
9'-0"	6'-0"	6"	8"	8"	17500	17500	5'
9'-0"	7'-0"	6"	8"	8"	18400	18400	5'
9'-0"	8'-0"	6"	8"	8"	19200	19200	5'
10'-0"	5'-0"	6"	9"	8"	19400	17700	5'
10'-0"	6'-0"	6"	9"	8"	20300	18600	5'
10'-0"	7'-0"	6"	9"	8"	21200	19500	5'
10'-0"	8'-0"	6"	9"	8"	22100	20500	5'



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**UT-TYP2**

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**TYPE 2 UTILITY TUNNEL**

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