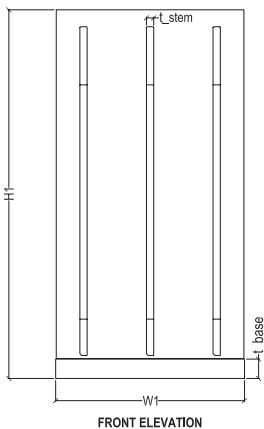
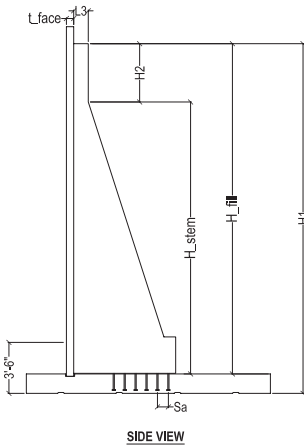
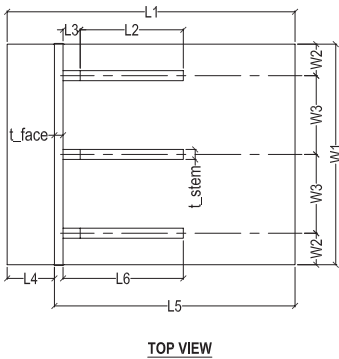




Typical Dimensions for Group Types

JOB SPECIFIC DIMENSIONS WILL BE PROVIDED FOR EACH CONTRACT



Group:	0	1	2	3	4	5	6
Panel Heights:	5'-10'	10' - 14'	15' - 19'	20' - 24'	25' - 29'	30' - 34'	35' - 39'
L1 =	9.0 ft	12.0 ft	15.5 ft	18.25 ft	22.583 ft	25.5 ft	29.0 ft
L2 =	N/A	4.0 ft	5.0 ft	6.0 ft	7.0 ft	8.5 ft	8.5 ft
L3 =	N/A	1.0 ft	1.0 ft	1.0 ft	1.0 ft	1.0 ft	2.0 ft
L4 =	1.25 ft	1.75 ft	2.5 ft	3.0 ft	5.25 ft	5.75 ft	6.25 ft
L5 =	7.75 ft	10.25 ft	13.0 ft	15.25 ft	17.333 ft	19.75 ft	22.75 ft
L6 =	4'-0"	5.0 ft	6.0 ft	7.0 ft	8.0 ft	9.5 ft	9.5 ft
W1 =	25.792 ft	12.833 ft	12.833 ft	12.833 ft	12.833 ft	8.417 ft	4.25 ft
W2 =	2.729 ft	1.833 ft	1.833 ft	1.833 ft	1.833 ft	1.875 ft	2.125 ft
W3 =	6.778 ft	4.583 ft	4.583 ft	4.583 ft	4.583 ft	4.667 ft	2.125 ft
H1 =	10.875 ft	14.917 ft	20.0 ft	25.25 ft	30.375 ft	36.0 ft	41.333 ft
H2 =	3.167 ft	4.0 ft	4.0 ft	4.0 ft	4.0 ft	4.0 ft	9.0 ft
H_stem =	6.708 ft	8.667 ft	13.667 ft	18.667 ft	23.667 ft	28.667 ft	28.667 ft
H_fill =	9.875 ft	13.833 ft	18.833 ft	23.833 ft	28.833 ft	33.833 ft	38.833 ft
t_base =	1.0 ft	1.083 ft	1.167 ft	1.417 ft	1.917 ft	2.167 ft	2.5 ft
t_face =	0.667 ft	0.5 ft	0.5 ft	0.5 ft	0.5 ft	0.583 ft	0.667 ft
t_stem =	0.583 ft	0.583 ft	0.583 ft	0.583 ft	0.5 ft	0.5 ft	0.5 ft
d_frost =	3.5 ft	3.5 ft	3.5 ft	3.5 ft	3.5 ft	3.5 ft	3.5 ft
Wt of base =	33.3 kip	24 kip	33.6 kip	47.5 kip	67.1 kip - 81.3 kip	57.7 kip - 78.9 kip	45.6 kip
Wt. of face =	38.385 kip	23.99 kip	35.28 kip	47.93 kip	57.74 kip	52.5 kip	30.55 kip
Req'd Allowable Bearing Capacity =	2,182 psf	2,909 psf	3,636 psf	4,364 psf	4,364 psf	5,091 psf	5,818 psf
Req'd Ultimate Factored Bearing Capacity =	3,000 psf	4,000 psf	5,000 psf	6,000 psf	6,000 psf	7,000 psf	8,000 psf

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PATENT PENDING