

**TABLE 6 – RECOMMENDED MSE WALL DESIGN PARAMETERS**

No	MSE Wall ID	Type of Soil	Depth (ft.)	$\gamma$ (pcf)	$\phi$ (°)	C (psf)	$k_a$	$k_p$
	All Walls	Wall Backfill	N/A	120	34	-	0.28	3.5
1	MSE-1875-2020R	Sand	0 - 2	105	30	-	0.33	3.00
		Sand	2 - 20	110	32	-	0.31	3.25
2	MSE-3477-3760L	Sand	0 - 20	105	30	-	0.33	3.00
3	MSE-4120-4640R	Sand	0 - 20	105	30	-	0.33	3.00
4	MSE-4980-5420R	Sand	0 - 20	105	30	-	0.33	3.00
5	MSE-5130-6890L	Sand	0 - 2	105	30	-	0.33	3.00
		Sand	2 - 6	110	32	-	0.31	3.25
		Sand	6 - 18	105	30	-	0.33	3.00
		Clay	18 - 20	125	-	1000	0.40	2.00
6	MSE-6000-6810R	Sand	0 - 2	105	30	-	0.33	3.00
		Sand	2 - 6	110	32	-	0.31	3.25
		Sand	6 - 18	105	30	-	0.33	3.00
		Clay	18 - 20	125	-	1000	0.40	2.00
7	MSE-7140-7520R	Sand	0 - 4	105	30	-	0.33	3.00
		Sand	4 - 18	110	32	-	0.31	3.25
		Clay	18 - 20	115	-	500	0.40	2.00
8	MSE-8380-8660L	Sand	0 - 20	110	32	-	0.31	3.25
9	MSE-11524-11633R	Sand	0 - 20	110	32	-	0.31	3.25
10	MSE-15080-15213R	Sand	0 - 20	105	30	-	0.33	3.00
11	MSE-15247-25L-24R	Sand	0 - 20	105	30	-	0.33	3.00
12	MSE-15247-15313L	Sand	0 - 20	105	30	-	0.33	3.00
13	MSE-15553-15688L	Sand	0 - 13	110	32	-	0.31	3.25
		Silt	13 - 20	125	-	1000	0.40	2.00
14	MSE-15688-25L-24R	Sand	0 - 13	110	32	-	0.31	3.25
		Silt	13 - 20	125	-	1000	0.40	2.00
15	MSE-15721-15979R	Sand	0 - 17	105	30	-	0.33	3.00
		Clay	17 - 20	125	-	1000	0.40	2.00
16	MSE-16012-16027R	Sand	0 - 18	105	30	-	0.33	3.00
		Clay	18 - 20	125	-	1000	0.40	2.00
17	MSE-16687-16704R	Sand	0 - 6	105	30	-	0.33	3.00
		Sand	6 - 20	110	32	-	0.31	3.25



**TABLE 6 (CONT'D)- RECOMMENDED MSE WALL DESIGN PARAMETERS**

No	MSE Wall ID	Type of Soil	Depth (ft.)	$\gamma$ (pcf)	$\phi$ (°)	c (psf)	$k_a$	$k_p$
18	MSE-16739-16780L	Sand	0 - 20	105	30	-	0.33	3.00
19	MSE-17910-17962L	Sand	0 - 20	105	30	-	0.33	3.00
20	MSE-17995-24L-25R	Sand	0 - 20	105	30	-	0.33	3.00
21	MSE-17994-18084R	Sand	0 - 20	105	30	-	0.33	3.00
22	MSE-18200-18250-26L	Sand	0 - 20	105	30	-	0.33	3.00
23	MSE-18200-18250-66L	Sand	0 - 20	105	30	-	0.33	3.00
24	MSE-18300-18465-26R	Sand	0 - 2	105	30	-	0.33	3.00
		Sand	2 - 6	110	32	-	0.31	3.25
		Sand	6 - 20	105	30	-	0.33	3.00
25	MSE-18300-18465-79R	Sand	0 - 10	105	30	-	0.33	3.00
		Sand	10 - 20	110	32	-	0.31	3.25
26	MSE-18805-18840R	Sand	0 - 8	105	30	-	0.33	3.00
		Sand	8 - 20	110	32	-	0.31	3.25
27	MSE-21394-24L-25R	Sand	0 - 13	105	30	-	0.33	3.00
		Clay	13 - 20	125	-	1000	0.40	2.00
28	MSE-21394-21413R	Sand	0 - 13	105	30	-	0.33	3.00
		Clay	13 - 20	125	-	1000	0.40	2.00
29	MSE-21550-21585-66L	Sand	0 - 6	110	32	-	0.31	3.25
		Clay	6 - 8	125	-	1000	0.40	2.00
		Sand	8 - 11	125	34	-	0.28	3.54
		Clay	11 - 13	125	-	1000	0.40	2.00
		Limestone	13 - 20	125	38	-	0.24	0.42
30	MSE-21550-21585-26L	Sand	0 - 6	110	32	-	0.31	3.25
		Clay	6 - 8	125	-	1000	0.40	2.00
		Sand	8 - 11	125	34	-	0.28	3.54
		Clay	11 - 13	125	-	1000	0.40	2.00
		Limestone	13 - 20	125	38	-	0.24	0.42
31	MSE-21875-21918L	Sand	0 - 13	110	32	-	0.31	3.25
		Clay	13 - 20	115	-	500	0.40	2.00
32	MSE21875-21890L	Sand	0 - 13	110	32	-	0.31	3.25
		Clay	13 - 20	115	-	500	0.40	2.00
33	MSE-21918-25L-24R	Sand	0 - 13	110	32	-	0.31	3.25
		Clay	13 - 20	110	-	250	0.40	2.00



**TABLE 6 (CONT'D)- MSE WALL DESIGN PARAMETERS**

No	MSE Wall ID	Type of Soil	Depth (ft.)	$\gamma$ (pcf)	$\phi$ (°)	c (psf)	$k_a$	$k_p$
34	MSE-21953-22116R	Sand	0 - 13	110	32	-	0.31	3.25
		Clay	13 -20	110	-	250	0.40	2.00
35	MSE22130-22187L	Sand	0 - 13	110	32	-	0.31	3.25
		Clay	13 -20	110	-	250	0.40	2.00
36	MSE-22219-22453R	Sand	0 - 13	110	32	-	0.31	3.25
		Clay	13 -20	110	-	250	0.40	2.00
37	MSE-22220-24L-25R	Sand	0 - 13	110	32	-	0.31	3.25
		Clay	13 -20	110	-	250	0.40	2.00
38	MSE22689-22694R	Sand	0 - 13	110	32	-	0.31	3.25
		Clay	13 -20	110	-	250	0.40	2.00
39	MSE-23020-23200L	Sand	0 - 2	105	30	-	0.33	3.00
		Sand	2-20	110	32	-	0.31	3.25

