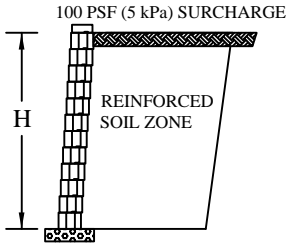
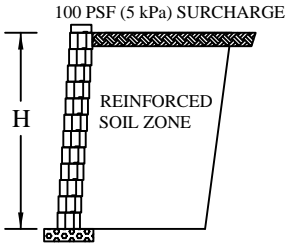
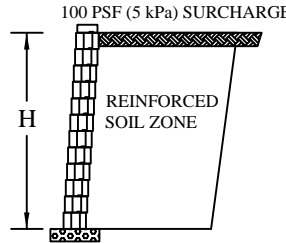
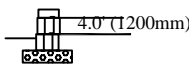
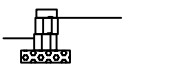
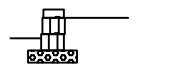
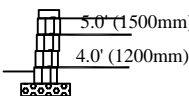
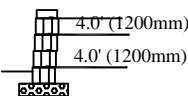
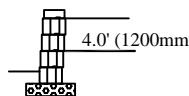
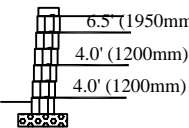
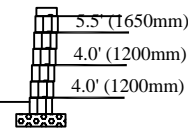
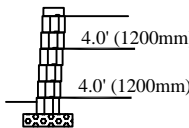
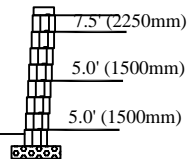
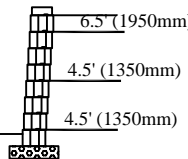
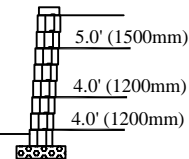
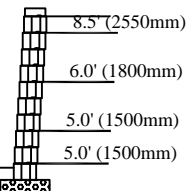
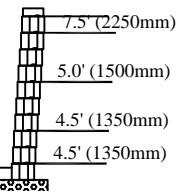
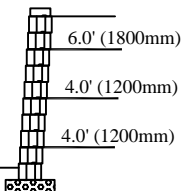
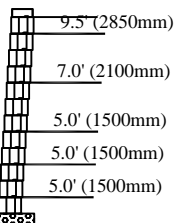
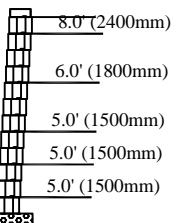


REINFORCEMENT ESTIMATING CHART

CLAY AND SILT SOIL		SILTY/CLAYEY SAND SOIL		CLEAN SAND AND GRAVEL SOIL	
H	$\phi = 26^\circ$ $\gamma = 120$ pcf (19 kN/cubic meter)	H	$\phi = 30^\circ$ $\gamma = 120$ pcf (19 kN/cubic meter)	H	$\phi = 34^\circ$ $\gamma = 120$ pcf (19 kN/cubic meter)
					
2 COURSES 1' 3" - 1' 4" (400mm) 		2 COURSES 1' 3" - 1' 4" (400mm) 		2 COURSES 1' 3" - 1' 4" (400mm) 	
4 COURSES 2' 6" - 2' 8" (800mm) 		4 COURSES 2' 6" - 2' 8" (800mm) 		4 COURSES 2' 6" - 2' 8" (800mm) 	
6 COURSES 3' 9" - 4' 0" (1200mm) 		6 COURSES 3' 9" - 4' 0" (1200mm) 		6 COURSES 3' 9" - 4' 0" (1200mm) 	
8 COURSES 5' 0" - 5' 4" (1600mm) 		8 COURSES 5' 0" - 5' 4" (1600mm) 		8 COURSES 5' 0" - 5' 4" (1600mm) 	
10 COURSES 6' 3" - 6' 8" (2000mm) 		10 COURSES 6' 3" - 6' 8" (2000mm) 		10 COURSES 6' 3" - 6' 8" (2000mm) 	
12 COURSES 7' 0' 6" - 8' 0" (2400mm) 		12 COURSES 7' 0' 6" - 8' 0" (2400mm) 		12 COURSES 7' 0' 6" - 8' 0" (2400mm) 