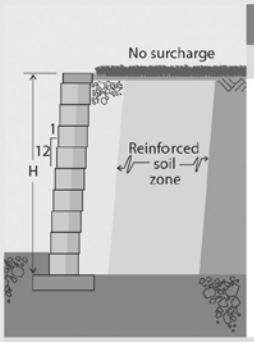
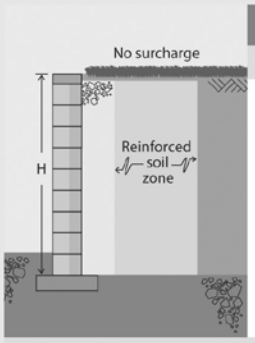
MESA®
RETAINING WALLS SYSTEMS

MESA DESIGN CHARTS



	REINFORCED BACKFILL SOIL TYPE											
	Sand: Ø=32°; γ=120 pcf; c=0						Silty Sand/Clayey Sand: Ø=28°; γ=120 pcf; c=0					
Wall Height (H)	H=4 ft	H=6 ft	H=8 ft	H=10 ft	H=12 ft	H=14 ft	H=4 ft	H=6 ft	H=8 ft	H=10 ft	H=12 ft	H=14 ft
Geogrid Length (L)	L=4 ft	L=4 ft	L=6 ft	L=6.5 ft	L=7.5 ft	L=8 ft	L=4 ft	L=4 ft	L=6 ft	L=6.5 ft	L=8 ft	L=9.5 ft
Geogrid Type	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1400



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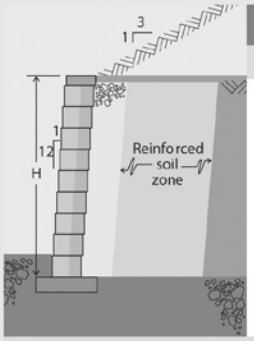
Geogrid Length (L)	L=4 ft	L=4 ft	L=6 ft	L=6.5 ft	L=7.5 ft	L=8.5 ft	L=4 ft	L=6 ft	L=6 ft	L=6.5 ft	L=8 ft	L=9.5 ft
Geogrid Type	UX1100	UX1100	UX1100	UX1100	UX1100	UX1400	UX1100	UX1100	LH800	UX1100	UX1100	UX1400



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Geogrid Length (L)	L=4 ft	L=6 ft	L=6 ft	L=7.5 ft	L=9 ft	L=10.5 ft	L=4 ft	L=6 ft	L=8 ft	L=9.5 ft	L=11 ft	L=13 ft
Geogrid Type	UX1100	UX1100	UX1100	UX1100	UX1100	UX1400	UX1100	UX1100	UX1100	UX1100	UX1400	UX1400

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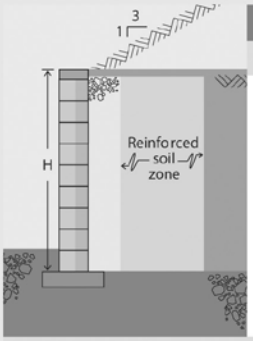

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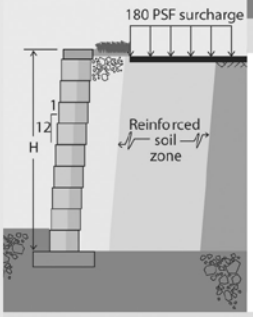
Geogrid Length (L)	L=4 ft	L=6 ft	L=6 ft	L=7 ft	L=8.5 ft	L=10 ft	L=4 ft	L=6 ft	L=7.5 ft	L=9 ft	L=11 ft	L=12.5 ft
Geogrid Type	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1100	UX1400



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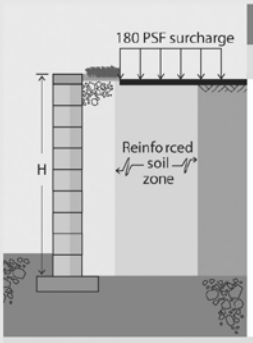
Geogrid Length (L)	L=4 ft	L=5 ft	L=6 ft	L=7.5 ft	L=8.5 ft	L=10 ft	L=6 ft	L=6 ft	L=8 ft	L=9.5 ft	L=11 ft	L=12 ft
Geogrid Type	UX1100	UX1100	UX1100	UX1100	UX1100	UX1400	UX1100	UX1100	UX1100	UX1100	UX1400	UX1400



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Geogrid Type	UX1100	UX1100	UX1100	UX1100	UX1100	UX1400	UX1100	UX1100	UX1100	UX1100	UX1400	UX1400