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Summary Table of MSEW Program Input Parameters for Stone Strong Retaining Wall System					
Paraweb Soil Reinforcement					
Data / Paraweb		Paraweb 2D50 0-7 ft depth 48" spacing	Paraweb 2D50 7+ ft depth 48" spacing	Paraweb 2D50 12+ ft depth 32" spacing	
T_{ult} (lb/ft)		38,101	38,101	38,101	
Durability Reduction Factor, RF_D	4.5<pH<5	1.30	1.30	1.30	
	5<pH<8	1.15	1.15	1.15	
	8<pH<9	1.30	1.30	1.30	
Installation Damage Reduction Factor, RF_{ID}	100% passing 2-in.	1.20	1.20	1.20	
	100% passing 3/4-in.	1.10	1.10	1.10	
	100% passing No. 4.	1.10	1.10	1.10	
Creep Reduction Factor, RF_{cr}	75 years	1.36	1.36	1.36	
	100 years	1.36	1.36	1.36	
Coverage Ratio		0.147	0.147	0.221	
Friction Coefficient along geogrid-soil Interface, ρ	Fine to Medium Sands[c] (φ=30°)	22.01 C_{ds}=0.70	22.01 C_{ds}=0.70	22.01 C_{ds}=0.70	
	Well-graded sands, sand & gravel[c] (φ=34°)	25.27 C_{ds}=0.70	25.27 C_{ds}=0.70	25.27 C_{ds}=0.70	
Pullout Resistance factor, F*	Sands[a]	1.0 tanφ	0.8 tanφ	0.8 tanφ	
	Gravels[a]	1.0 tanφ	0.8 tanφ	0.8 tanφ	
Scale-effect correction factor, α	Sands[a]	0.80	0.80	0.80	
	Gravels[a]	0.80	0.80	0.80	
Facia Geometry and Unit Weight:		Depth/height = 3.67 ft / 3.0 ft			
		Horizontal distance to center of gravity = 1.90 ft			
		Average unit weight of block = 122.2 lb/ft^3			
Connection Strengths:		CR_{CR}^c x (T_{LOT}/T_{MARV})			
	σ[b] (lb/ft^2)	Paraweb 2D50 0-7 ft depth 48" spacing	Paraweb 2D50 7+ ft depth 48" spacing	Paraweb 2D50 12+ ft depth 32" spacing	
	0	0.63	0.63	0.63	
	10,000	0.63	0.63	0.63	
Connection strength reduction factor, Rf_d[d]		1.00	1.00	1.00	
Creep Reduction Factor, Rf_c[d]		1.00	1.00	1.00	

[a] Predominant material;
[b] Normal pressure (lb/ft^2);
[c] MSEW program term (Tcre/Tult);
[d] The value for CR_{cr} includes reduction factors for durability and creep