

Soil Data

Soil Zone	Description	Cohesion (c) (psf)	Friction Angle(ϕ) (degrees)	Unit Weight (γ)(pcf)
Reinforced Soil	Crushed Limestone (clean)	N/A	38.00	100.00
Retained Soil	Low Plastic Silty Clay	N/A	28.00	120.00
Leveling Pad Soil	Crushed Limestone (minus)	N/A	40.00	132.00
Foundation Soil	Low Plastic Silty Clay	100.00	28.00	120.00

Segmental Unit Data

Segmental Unit Name	: Classic 8
Cap Height (Inches)	: 4.00
Unit Height (Hu)(Inches)	: 8.00
Unit Width (Wu)(Inches)	: 12.00
Unit Length (Inches)	: 18.00
Setback (Inches)	: 1.00
Weight (Infilled)(lb)	: 118.00
Unit Weight (Infilled)(pcf)	: 118.00
Center of Gravity(Inches)	: 6.00

Geosynthetic Reinforcement Type and Number

Supplier	Product Name	Number
	HP200	1

Geosynthetic Properties

Geosynthetic Product	Tult (lb/ft)	RFcr	RFd	RFid	LTDS (lb/ft)	Gi	Cds
HP200	3400.00	1.58	1.15	1.10	1701.11	0.95	0.95
	4800.00	1.58	1.15	1.10	2401.56	0.95	0.95
	7880.00	1.58	1.15	1.10	3942.56	0.95	0.95