

Soil Data

Soil Zone	Description	Cohesion (c) (psf)	Friction Angle(ϕ) (degrees)	Unit Weight (γ)(pcf)
Reinforced Soil	clean crushed limestone	N/A	34.00	100.00
Retained Soil	silty clay	N/A	25.00	125.00
Leveling Pad Soil	minus crushed limestone	N/A	36.00	135.00
Foundation Soil	rocky clay	50.00	34.00	125.00

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
Mirafi	Miragrid 3XT	3
Mirafi	Miragrid 5XT	0
Mirafi	Miragrid 8XT	0

Geosynthetic Properties

Geosynthetic Product	Tult (lb/ft)	RFcr	RFd	RFid	LTDS (lb/ft)	Ci	Cds
Miragrid 3XT	3770.00	1.58	1.15	1.10	1886.23	0.95	0.95
Miragrid 5XT	4800.00	1.58	1.15	1.10	2401.56	0.95	0.95
Miragrid 8XT	7880.00	1.58	1.15	1.10	3942.56	0.95	0.95