

**Soil Data**

Soil Zone	Description	Cohesion (c) (psf)	Friction Angle( $\Phi$ ) (degrees)	Unit Weight ( $\gamma$ )(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	28.00	125.00

**Segmental Unit Data**

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

**Geosynthetic Reinforcement Type and Number**

Supplier	Product Name	Number
Mirafi	Miragrid 3XT	1
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