



**CONNECTION EVALUATION**

**Keystone Unit:** Standard II  
**Manufacturer:** Synteen  
**Geogrid Type:** SF 20  
**Laboratory:** BCGT 6/15/2010

**Laboratory Test Data**

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
536	1720	819
1045	1899	1006
1554	1823	1093
1554	1981	1150
1561	1968	1132
2077	1968	1183
2580	1858	1307
3440	2064	1262

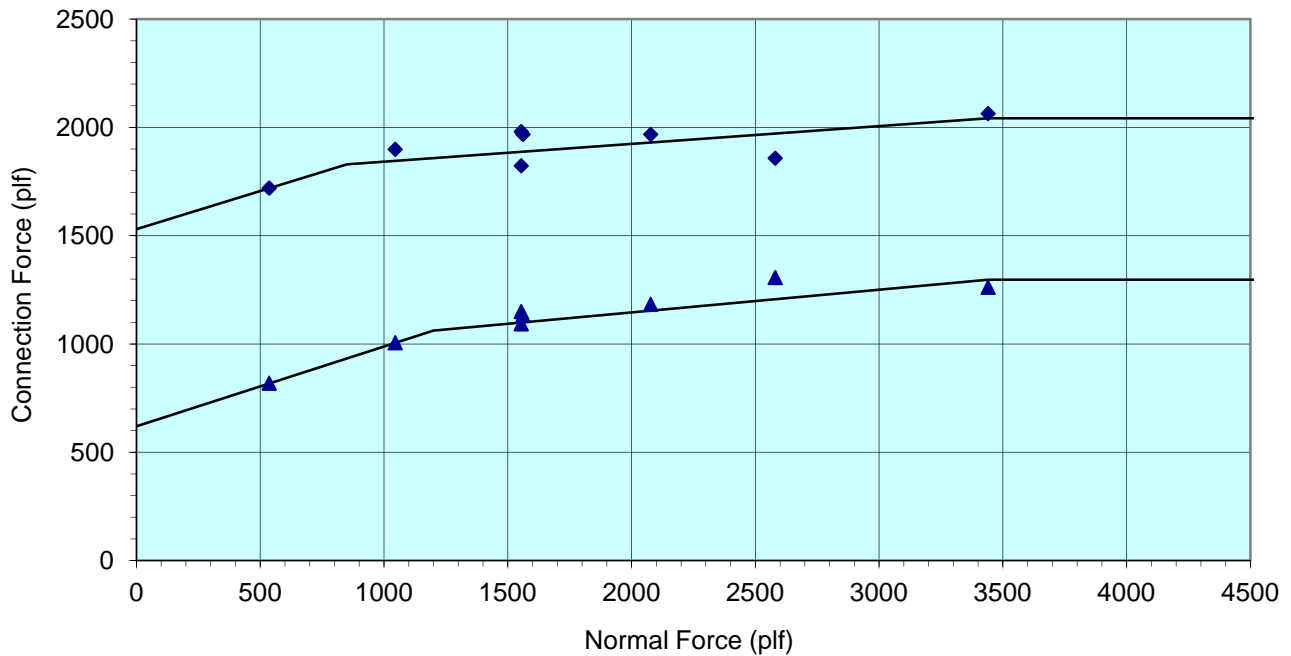
**Peak Connection Equation Fit**

	English	Metric
Intercept (plf)	1530	22.33
Slope1	19.4	19.4
Break - Normal	850	12.41
Slope2	4.7	4.7
Maximum (plf)	2042	29.81

**3/4" Serviceability Equation Fit**

Intercept (plf)	620	9.05
Slope1	20.2	20.2
Break - Normal	1200	17.51
Slope2	6.0	6.0
Maximum (plf)	1297	18.93

**NCMA Connection Capacity**





**CONNECTION EVALUATION**

**Keystone Unit:** Standard II  
**Manufacturer:** Synteen  
**Geogrid Type:** SF 35  
**Laboratory:** TRI Texas 12/13/2001

**Laboratory Test Data**

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
605	1676	1078
1210	1520	1163
1816	1481	1481
1816	1241	1241
1816	1283	1283
2421	1406	1406
3026	1410	1410

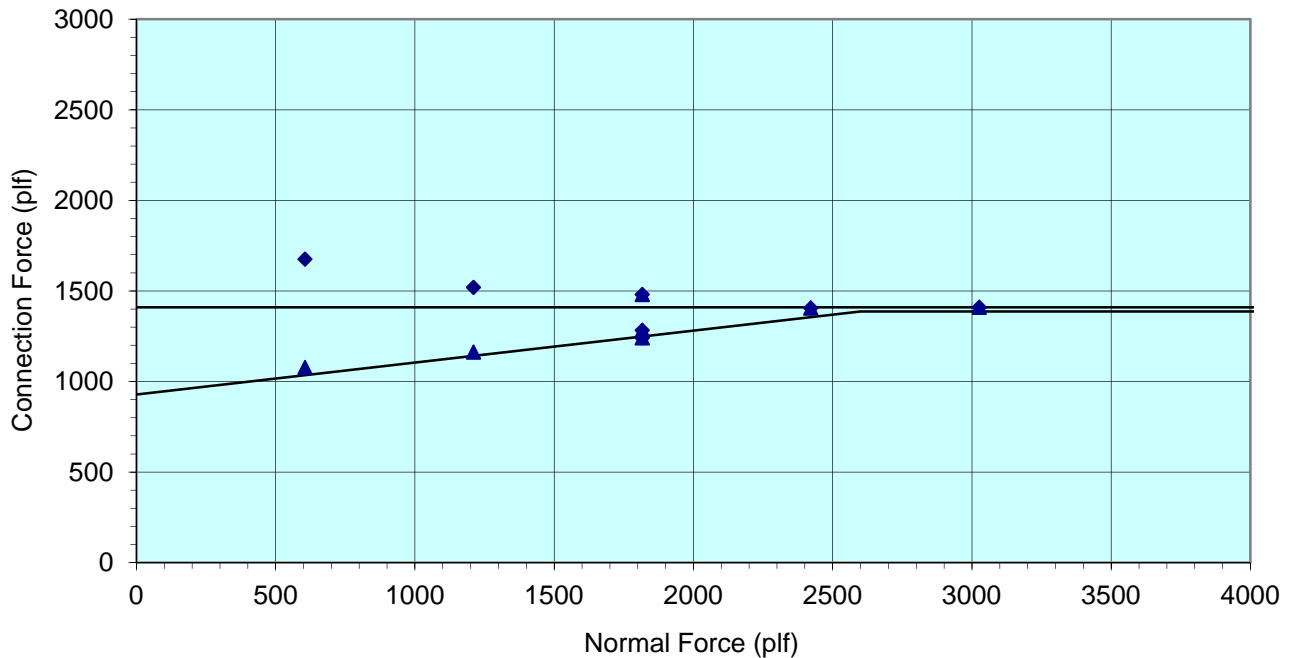
**Peak Connection Equation Fit**

	English	Metric
Intercept (plf)	1410	20.58
Slope1	0.0	0.0
Break - Normal	3026	44.16
Slope2	0.0	0.0
Maximum (plf)	1410	20.58

**3/4" Serviceability Equation Fit**

Intercept (plf)	928	13.54
Slope1	10.0	10.0
Break - Normal	2600	37.95
Slope2	0.0	0.0
Maximum (plf)	1386	20.23

**NCMA Connection Capacity**





**CONNECTION EVALUATION**

**Keystone Unit:** Standard II  
**Manufacturer:** Synteen  
**Geogrid Type:** SF 55  
**Laboratory:** TRI Texas 12/13/2001

**Laboratory Test Data**

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
757	2176	1277
1513	2634	1789
2270	2537	2030
2270	2755	1915
2270	2791	2212
3026	2237	2076
3783	2236	2113

**Peak Connection Equation Fit**

	English	Metric
Intercept (plf)	2200	32.11
Slope1	0.0	0.0
Break - Normal	1500	21.89
Slope2	0.0	0.0
Maximum (plf)	2200	32.11

**3/4" Serviceability Equation Fit**

Intercept (plf)	764	11.15
Slope1	34.0	34.0
Break - Normal	1720	25.10
Slope2	6.6	6.6
Maximum (plf)	2163	31.57

**NCMA Connection Capacity**

