

Table 1:**Test Program:**

Trinity Block modular block unit - Miragrid 3XT polyester geogrid connection

Test number	approximate wall height (feet)	approximate number of blocks	normal load (lb/ft)	tensile capacity (lb/ft) at 3/4 inch displacement	peak tensile capacity (lb/ft)
1	9.0	13.5	1146	1258	1534
2	3.1	4.6	389	857	984
3	6.1	9.1	774	1044	1300
4	9.0	13.5	1146	1223	1507
5	9.0	13.5	1146	1174	1438
6	12.1	18.2	1545	1253	1720
7	15.0	22.5	1909	1415	1631
8	20.1	30.1	2556	1365	1796

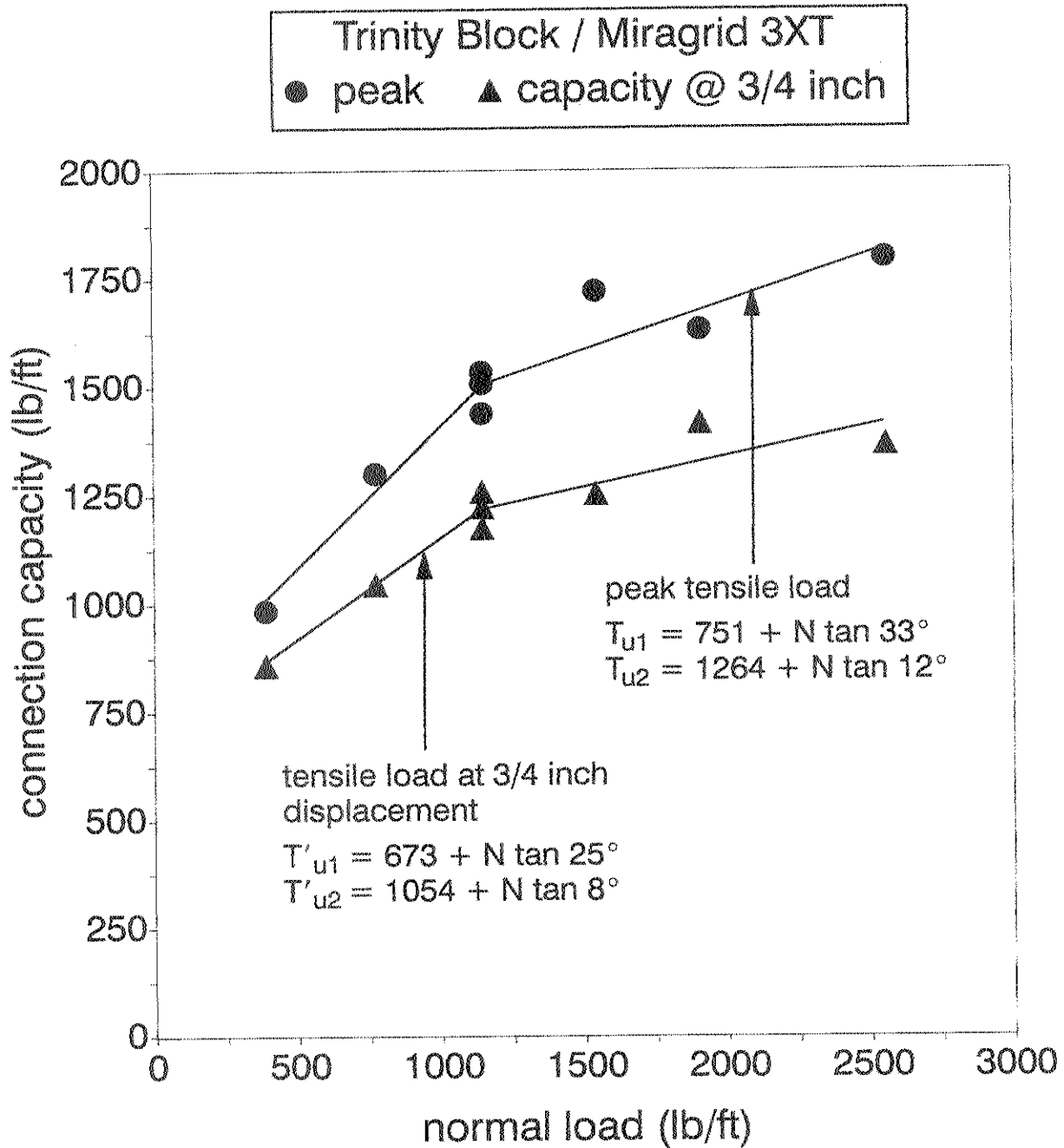


Figure 4: Connection capacity versus normal load for Trinity Block unit tests with Miragrid 3XT geogrid

Table 1:

Test Program:

Trinity Block modular block unit - Miragrid 5XT polyester geogrid connection

Test number	approximate wall height (feet)	approximate number of blocks	normal load (lb/ft)	tensile capacity (lb/ft) at 3/4 inch displacement	peak tensile capacity (lb/ft)
1	15.0	22.5	1909	1397	2153
2	5.0	7.6	643	991	1321
3	10.1	15.1	1283	1177	1631
4	15.0	22.5	1909	1408	2030
5	15.0	22.6	1916	1445	1920
6	20.0	29.9	2542	1457	2181
7	25.0	37.5	3189	1688	2174
8	30.0	45.1	3829	1710	2353

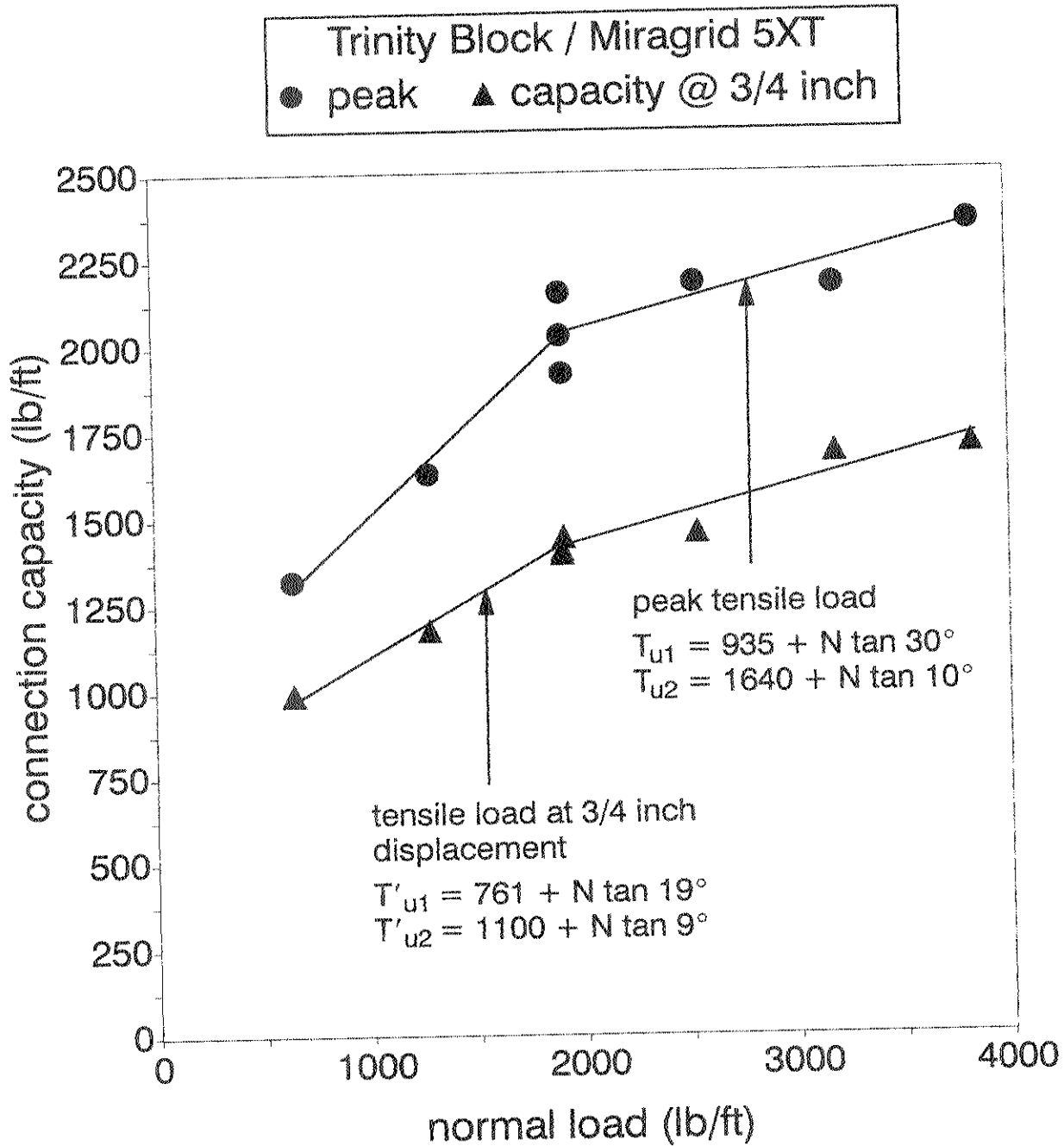


Figure 4: Connection capacity versus normal load for Trinity Block unit tests with Miragrid 5XT geogrid

Table 1:

Test Program:

Trinity Block modular block unit - Miragrid 7XT polyester geogrid connection

Test number	approximate wall height (feet)	approximate number of blocks	normal load (lb/ft)	tensile capacity (lb/ft) at 3/4 inch displacement	peak tensile capacity (lb/ft)
1	15.0	22.5	1909	1497	2387
2	5.0	7.5	636	1062	1555
3	10.0	14.9	1269	1425	2071
4	15.0	22.5	1909	1640	2566
5	20.1	30.1	2556	1895	2601
6	25.0	37.5	3189	1940	2711
7	15.0	22.5	1909	1659	2319
8	30.0	45.0	3822	1900	2835

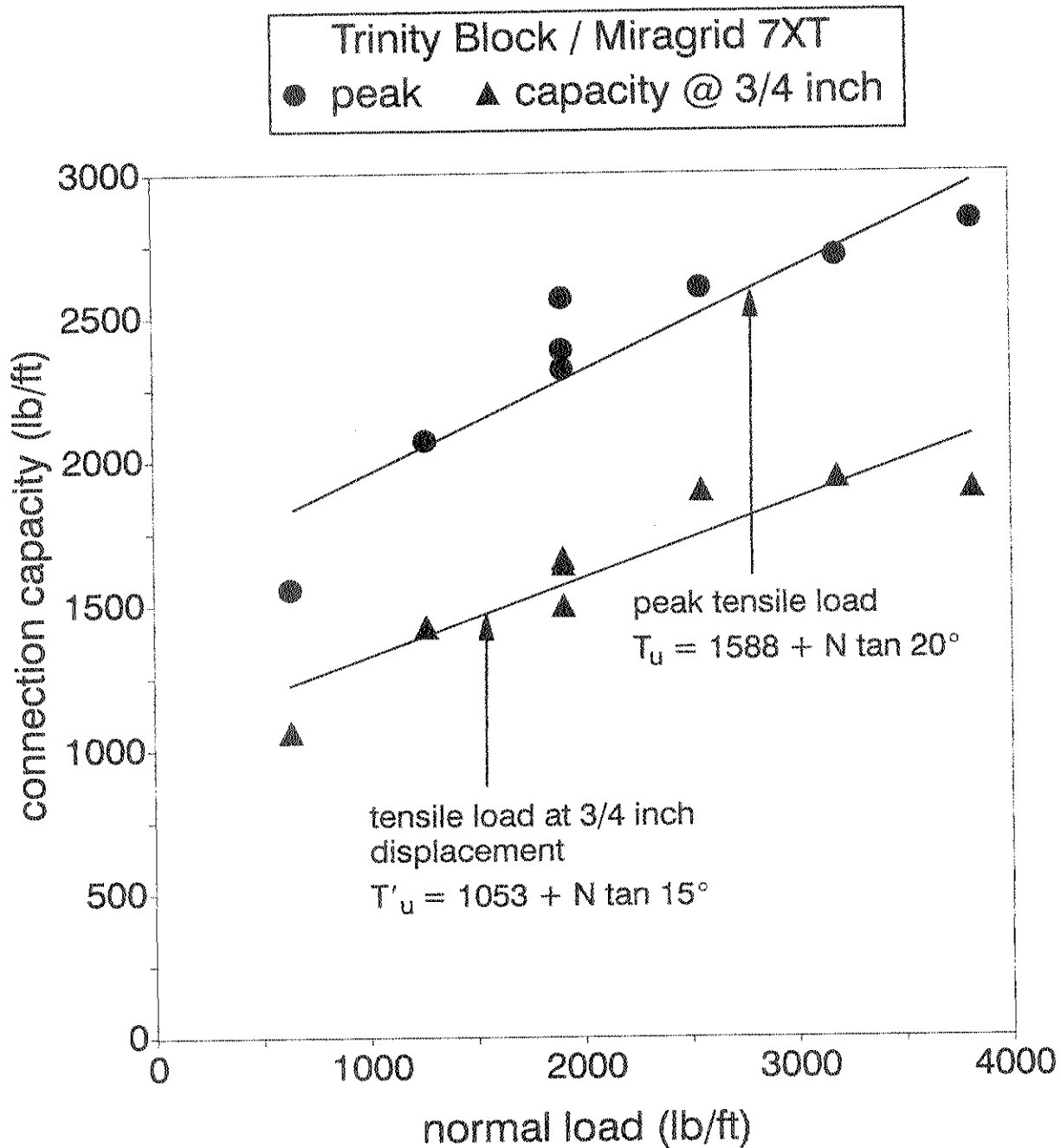


Figure 1: Connection capacity versus normal load for Trinity Block unit tests with Miragrid 7XT geogrid

Table 1:**Test Program:**

Trinity Block modular block unit - Miragrid 8XT polyester geogrid connection

Test number	approximate wall height (feet)	approximate number of blocks	normal load (lb/ft)	tensile capacity (lb/ft) at 3/4 inch displacement	peak tensile capacity (lb/ft)
1	15.1	22.6	1923	1901	2539
2	5.0	7.5	636	1137	1699
3	10.1	15.1	1283	1565	2030
4	15.0	22.6	1916	1938	2449
5	15.0	22.5	1909	1912	2628
6	20.1	30.1	2556	2092	2697
7	25.1	37.6	3196	2293	3068
8	30.1	45.2	3836	2419	3447

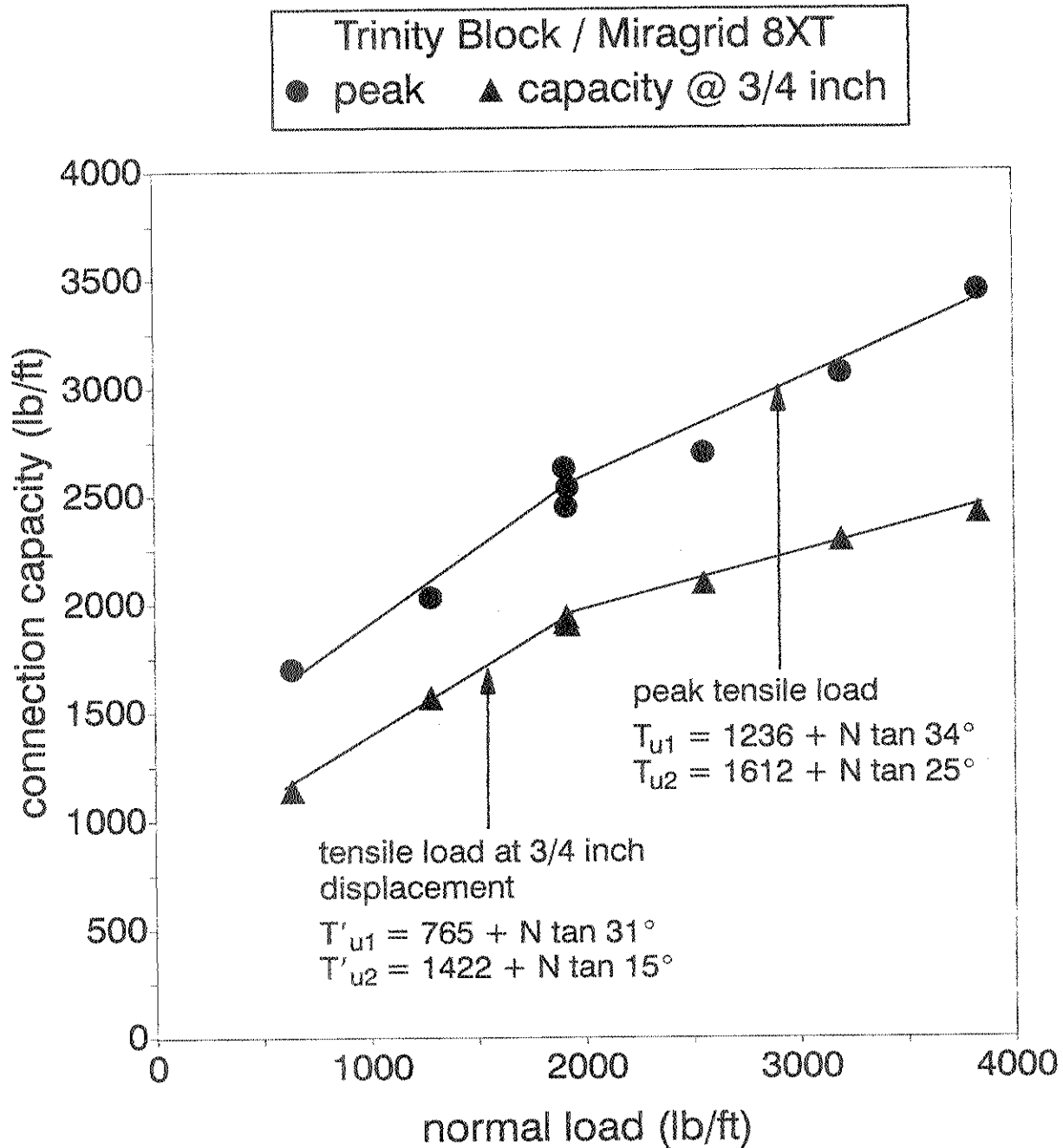


Figure 4: Connection capacity versus normal load for Trinity Block unit tests with Miragrid 8XT geogrid

Table 1:

Test Program:

Trinity Block modular block unit - Miragrid 10XT polyester geogrid connection

Test number	approximate wall height (feet)	approximate number of blocks	normal load (lb/ft)	tensile capacity (lb/ft) at 3/4 inch displacement	peak tensile capacity (lb/ft)
1	15.0	22.5	1909	2123	2621
2	5.1	7.7	650	1218	1548
3	10.2	15.3	1297	1640	2140
4	14.9	22.4	1902	2044	2463
5	15.0	22.5	1909	2085	2408
6	20.1	30.1	2556	2510	3075
7	25.1	37.6	3196	2587	3179
8	34.9	52.4	4448	2770	3887

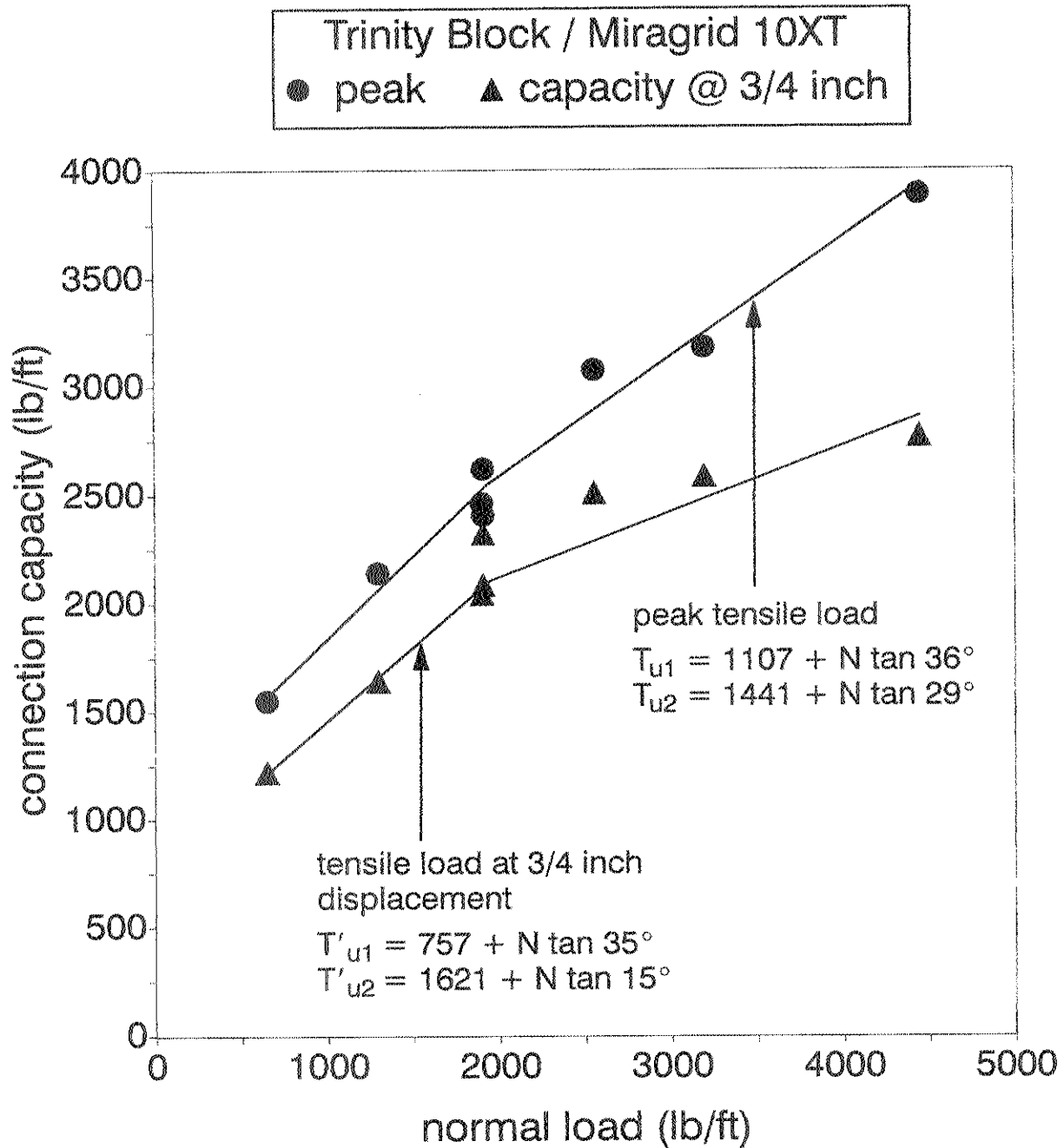


Figure 4: Connection capacity versus normal load for Trinity Block unit tests with Miragrid 10XT geogrid