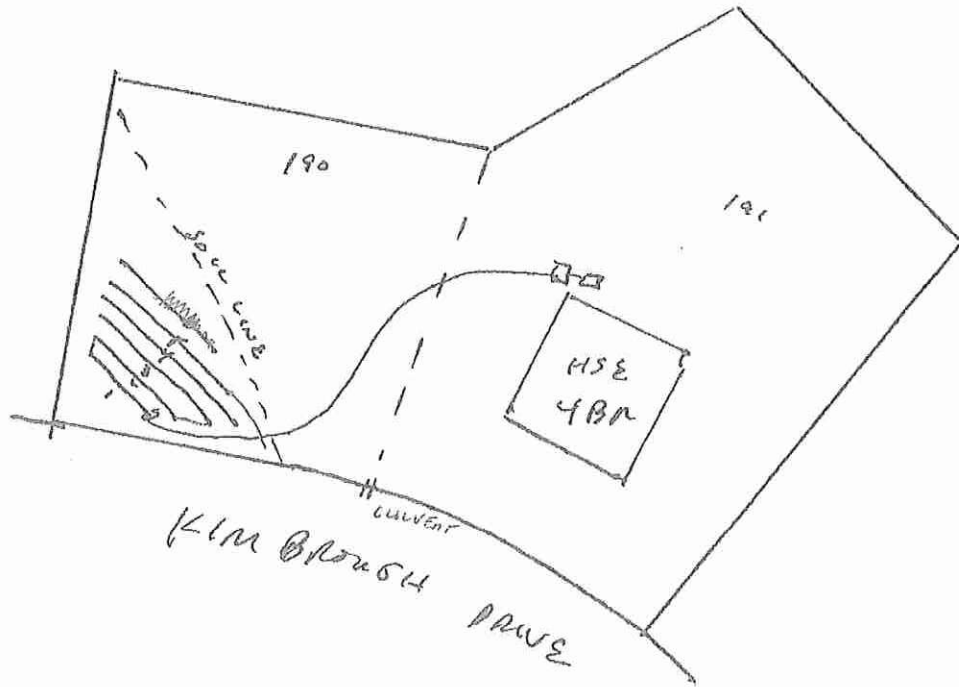


Southeastern Soil & Environmental Associates, Inc.

P.O. Box 9321
Fayetteville, NC 28311
Phone/Fax (910) 822-4540
Email mike@southeasternsoil.com

Woodshire (5)
Lot 190/191
Combined
Proposed septic layout



Typical house
setback

Truss/Rafter to Wood Double Top Plates



| Model No. | Qty Req'd | Fasteners | | DF/SP Allowable Loads | | | | SPF Allowable Loads | | | |
|-----------|-----------|--------------------------------------|------------------------|-----------------------|-------|--|---|---------------------|-------|--|---|
| | | To Rafters | To Plates | Uplift | | Parallel to Plate (F ₁) (133/160) | Perp. to Plate (F ₂) (133/160) | Uplift | | Parallel to Plate (F ₁) (133/160) | Perp. to Plate (F ₂) (133/160) |
| | | | | (133) | (160) | | | (133) | (160) | | |
| H2.5 | 1 | 5-8d | 5-8d | 415 | 415 | 150 | 150 | 365 | 365 | 130 | 130 |
| H5A | 1 | 3-8d | 3-8d | 350 | 420 | 115 | 180 | 245 | 245 | 100 | 120 |
| HGA10 | 1 | 4-SDS $\frac{1}{4}$ x1 $\frac{1}{2}$ | 4-SDS $\frac{1}{4}$ x3 | 435 | 435 | 1165 | 940 | 375 | 375 | 870 | 815 |
| H5 | 1 | 4-8d | 4-8d | 455 | 465 | 115 | 200 | 265 | 265 | 100 | 170 |
| H1 | 1 | 6-8dx1 $\frac{1}{2}$ | 4-8d | 490 | 585 | 485 | 165 | 400 | 400 | 415 | 140 |
| H2.5A | 1 | 5-8d | 5-8d | 600 | 600 | 110 | 110 | 520 | 535 | 110 | 110 |
| LTS12 | 1 | 6-10dx1 $\frac{1}{2}$ | 6-10dx1 $\frac{1}{2}$ | 720 | 720 | 75 | 125 | 620 | 620 | 75 | 125 |
| H8 | 1 | 5-10dx1 $\frac{1}{2}$ | 5-10dx1 $\frac{1}{2}$ | 620 | 745 | — | — | 530 | 565 | — | — |
| H10-2 | 1 | 6-10d | 6-10d | 760 | 760 | 455 | 395 | 655 | 655 | 390 | 340 |
| H2.5 | 2 | 10-8d | 10-8d | 830 | 830 | 300 | 300 | 730 | 730 | 260 | 260 |
| H5 | 2 | 8-8d | 8-8d | 910 | 930 | 230 | 400 | 530 | 530 | 200 | 340 |
| H10 | 1 | 8-8dx1 $\frac{1}{2}$ | 8-8dx1 $\frac{1}{2}$ | 905 | 990 | 585 | 525 | 780 | 850 | 505 | 450 |
| MTS12 | 1 | 7-10dx1 $\frac{1}{2}$ | 7-10dx1 $\frac{1}{2}$ | 840 | 1000 | 75 | 125 | 730 | 860 | 75 | 125 |
| H1 | 2 | 12-8dx1 $\frac{1}{2}$ | 8-8d | 980 | 1170 | 970 | 330 | 800 | 800 | 830 | 280 |
| H2.5A | 2 | 10-8d | 10-8d | 1200 | 1200 | 220 | 220 | 1040 | 1070 | 220 | 220 |
| LTS12 | 2 | 12-10dx1 $\frac{1}{2}$ | 12-10dx1 $\frac{1}{2}$ | 1440 | 1440 | 150 | 250 | 1240 | 1240 | 150 | 250 |
| HTS20 | 1 | 12-10dx1 $\frac{1}{2}$ | 12-10dx1 $\frac{1}{2}$ | 1450 | 1450 | 75 | 125 | 1245 | 1245 | 75 | 125 |
| H16S | 1 | 2-10dx1 $\frac{1}{2}$ | 10-10dx1 $\frac{1}{2}$ | 1470 | 1470 | — | — | 1265 | 1265 | — | — |
| H16 | 1 | 2-10dx1 $\frac{1}{2}$ | 10-10dx1 $\frac{1}{2}$ | 1470 | 1470 | — | — | 1265 | 1265 | — | — |
| H10 | 2 | 6-8dx1 $\frac{1}{2}$ | 6-8dx1 $\frac{1}{2}$ | 1810 | 1980 | 1170 | 1050 | 1560 | 1700 | 1010 | 900 |
| MTS12 | 2 | 4-10dx1 $\frac{1}{2}$ | 4-10dx1 $\frac{1}{2}$ | 1660 | 2000 | 150 | 250 | 1460 | 1720 | 150 | 250 |

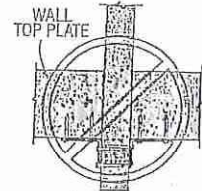
1. "—" in the tables indicates that the product has not been tested in the particular load direction listed.
2. For connections to single top plates, see page 12.
3. Fasten multiple members together to act as a single unit.



Hurricane Tie Installations to Achieve Twice the Load (Top View)



Install diagonally across from each other for minimum 2x truss.



Nailing into both sides of a single ply 2x truss may cause the wood to split. A minimum rafter thickness of 2 $\frac{1}{2}$ " must be used when connectors are installed on the same side.

