

Reaction Summary of Order



ROOF & FLOOR
TRUSSES & BEAMS

Reilly Road Industrial Park P.O. Box 40408
Fayetteville, N.C. 28309 (910) 864-TRUS

| | | | |
|-----------------|----------------|-----------------|----------------|
| REQ. QUOTE DATE | / / | ORDER # | J0325-1590 |
| ORDER DATE | 03/20/25 | QUOTE # | |
| DELIVERY DATE | / / | CUSTOMER ACCT # | 0000006689 |
| DATE OF INVOICE | / / | CUSTOMER PO # | |
| ORDERED BY | Rico Allende | INVOICE # | |
| COUNTY | Harnett | TERMS | |
| SUPERINTENDANT | Rico Allende | SALES REP | Scot Duncan |
| JOBSITE PHONE # | (910) 835-8059 | SALES AREA | Michael Turner |

| | | | | |
|---------|--|---------------------------------------|---------------------------|------------------------------|
| SOLD TO | Cates Building 559 Executive Centre Suite Fayetteville, NC 28305 (910) 481-0503 | JOB NAME: Lot 25 Ducks Landing | LOT # 25 | SUBDIV: Ducks Landing |
| | | MODEL: 32000 | TAG: CC1854 ROOF F | JOB CATEGORY: _ |
| SHIP TO | Cates Building 355 Hookbill Ln. Lillington, NC | DELIVERY INSTRUCTIONS: | | |
| | | SPECIAL INSTRUCTIONS: | | |
| | | PLAN SEAL DATE: 12/8/23 | | |

| | | | | | | | | | | | |
|---------------------|---------------|--------|-------------|-----------|--------------|--|------------------|--|---------|-----|----------|
| BUILDING DEPARTMENT | OVERHANG INFO | | HEEL HEIGHT | 00-06-08 | REQ. LAYOUTS | | REQ. ENGINEERING | | QUOTE | MT | 05/21/25 |
| | END CUT | RETURN | | | | | | | LAYOUT | MT | 05/21/25 |
| | PLUMB | | GABLE STUDS | 24 IN. OC | | | | | CUTTING | DJS | 05/21/25 |

Roof Order

ROOF TRUSSES

LOADING INFORMATION

| | |
|---------------------|--------------|
| TCLL-TCDL-BCLL-BCDL | STRESS INCR. |
| 20.0,10.0,0.0,10.0 | 1.15 |

ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)

| PROFILE | QTY PLY | PITCH | | TYPE ID | BASE O/A | LUMBER | | OVERHANG | | REACTIONS | | | | |
|---------|------------|-------|------|---------------|----------------------|--------|--------|----------|----------|---------------------------------------|--|---------------------------------------|---------------------------------------|---------------------------------------|
| | | TOP | BOT | | | TOP | BOT | LEFT | RIGHT | | | | | |
| | 1 | 9.00 | 0.00 | COMMON A1G | 20-00-00 20-00-00 | 2 X 6 | 2 X 6 | 00-10-08 | 00-10-08 | Joint 2 199.4 lbs. -74.7 lbs. | Joint 12 163.5 lbs. -21.8 lbs. | Joint 14 202.0 lbs. -152.0 lbs. | Joint 15 176.3 lbs. -94.8 lbs. | Joint 16 184.0 lbs. -110.3 lbs. |
| | 1 | 9.00 | 0.00 | COMMON A2 | 20-00-00 20-00-00 | 2 X 6 | 2 X 6 | 00-10-08 | 00-10-08 | Joint 2 842.1 lbs. -48.4 lbs. | Joint 6 842.1 lbs. -48.4 lbs. | | | |
| | 1 | 9.00 | 0.00 | COMMON B1G | 27-00-00 27-00-00 | 2 X 6 | 2 X 6 | 00-10-08 | 00-10-08 | Joint 2 1287.3 lbs. -205.9 lbs. | Joint 9 901.3 lbs. -122.5 lbs. | Joint 11 250.6 lbs. -86.8 lbs. | Joint 12 119.6 lbs. -189.5 lbs. | Joint 13 488.0 lbs. -148.2 lbs. |
| | 1 | 9.00 | 0.00 | COMMON B2 | 27-00-00 27-00-00 | 2 X 6 | 2 X 6 | | | Joint 1 1233.6 lbs. -55.8 lbs. | Joint 7 1020.8 lbs. -56.7 lbs. | Joint 8 427.5 lbs. 9.9 lbs. | | |
| | 3 | 9.00 | 0.00 | ATTIC B3 | 26-03-08 26-03-08 | 2 X 6 | 2 X 6 | | | Joint 1 1497.9 lbs. 98.9 lbs. | Joint 10 1524.3 lbs. 83.1 lbs. | Joint 11 199.9 lbs. -274.3 lbs. | | |
| | 1 2 Ply | 9.00 | 0.00 | COMMON B4L | 20-00-00 20-00-00 | 2 X 6 | 2 X 10 | | | Joint 1 7203.8 lbs. -516.0 lbs. | Joint 7 7228.1 lbs. -564.6 lbs. | | | |
| | 1 | 6.00 | 0.00 | COMMON D1G | 37-00-00 37-00-00 | 2 X 6 | 2 X 6 | | | Joint 1 104.9 lbs. -18.4 lbs. | Joint 3 104.9 lbs. -22.1 lbs. | Joint 4 176.5 lbs. 6.5 lbs. | Joint 22 168.0 lbs. -51.7 lbs. | Joint 23 168.2 lbs. -143.8 lbs. |
| | 9 | 6.00 | 0.00 | COMMON D2 | 37-00-00 37-00-00 | 2 X 6 | 2 X 6 | | | Joint 9 1594.3 lbs. -105.5 lbs. | Joint 14 425.0 lbs. 44.6 lbs. | Joint 16 1440.5 lbs. -98.0 lbs. | | |
| | 4 | 6.00 | 0.00 | COMMON D3 | 37-00-00 37-00-00 | 2 X 6 | 2 X 6 | | | Joint 9 1689.8 lbs. -94.5 lbs. | Joint 15 1753.8 lbs. -63.8 lbs. | | | |
| | 1 | 6.00 | 0.00 | ROOF D4 | 44-00-00 44-00-00 | 2 X 6 | 2 X 6 | 00-10-08 | | Joint 2 2048.5 lbs. -117.2 lbs. | Joint 13 2042.6 lbs. -103.3 lbs. | | | |
| | 5 | 6.00 | 0.00 | ROOF D5 | 54-00-00 54-00-00 | 2 X 6 | 2 X 6 | 00-10-08 | 00-10-08 | Joint 1 147.7 lbs. -44.2 lbs. | Joint 2 1992.7 lbs. -117.8 lbs. | Joint 3 149.8 lbs. -51.3 lbs. | Joint 4 248.4 lbs. -4.2 lbs. | Joint 12 252.4 lbs. -169.4 lbs. |

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| ORDERED BY | Rico Allende | INVOICE # | |
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| BUILDING DEPARTMENT | OVERHANG INFO | HEEL HEIGHT | 00-06-08 | REQ. LAYOUTS | REQ. ENGINEERING | QUOTE | MT | 05/21/25 |
| Roof Order | END CUT | RETURN | | | | LAYOUT | MT | 05/21/25 |
| | PLUMB | | GABLE STUDS | 24 IN. OC | JOBSITE | 1 | CUTTING | DJS |

ROOF TRUSSES

LOADING INFORMATION

| | |
|---------------------|--------------|
| TCLL-TCDL-BCLL-BCDL | STRESS INCR. |
| 20.0,10.0,0.0,10.0 | 1.15 |

ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)

| PROFILE | QTY PLY | PITCH TOP BOT | TYPE ID | BASE O/A | LUMBER TOP BOT | OVERHANG LEFT RIGHT | REACTIONS |
|---------|------------|------------------|---------------|----------------------|-------------------|------------------------|---|
| | 1 | 6.00 0.00 | ROOF D6G | 54-00-00 54-00-00 | 2 X 6 2 X 6 | 00-10-08 00-10-08 | Joint 2 174.0 lbs. -36.3 lbs. Joint 30 160.2 lbs. -42.4 lbs. Joint 32 283.2 lbs. -91.9 lbs. Joint 33 112.8 lbs. -38.7 lbs. Joint 34 170.5 lbs. -54.0 lbs. |
| | 1 | 5.00 0.00 | COMMON H1G | 28-00-00 28-00-00 | 2 X 6 2 X 6 | 00-10-08 00-10-08 | Joint 2 137.3 lbs. -13.5 lbs. Joint 3 291.7 lbs. -6.8 lbs. Joint 4 291.7 lbs. -6.8 lbs. Joint 18 138.3 lbs. -13.9 lbs. Joint 20 161.7 lbs. -34.6 lbs. |
| | 1 | 5.00 0.00 | COMMON H2 | 28-00-00 28-00-00 | 2 X 6 2 X 6 | 00-10-08 00-10-08 | Joint 2 1693.3 lbs. -59.1 lbs. Joint 8 1263.0 lbs. -81.4 lbs. Joint 12 1693.3 lbs. -59.1 lbs. |
| | 1 | 5.00 0.00 | ROOF H3 | 28-00-00 28-00-00 | 2 X 6 2 X 6 | 00-10-08 00-10-08 | Joint 2 1158.6 lbs. -81.4 lbs. Joint 9 1158.6 lbs. -81.4 lbs. |
| | 5 | 5.00 0.00 | ROOF H4 | 28-00-00 28-00-00 | 2 X 6 2 X 6 | 00-10-08 | Joint 2 1020.8 lbs. -126.2 lbs. Joint 4 117.1 lbs. -75.5 lbs. Joint 8 1107.6 lbs. -69.6 lbs. |
| | 1 | 5.00 0.00 | COMMON H5 | 28-00-00 28-00-00 | 2 X 6 2 X 6 | | Joint 1 1221.2 lbs. -69.6 lbs. Joint 5 1221.2 lbs. -69.6 lbs. |
| | 1 | 9.00 0.00 | VALLEY VB1 | 16-09-11 16-09-11 | 2 X 4 2 X 4 | | Joint 1 182.2 lbs. -6.4 lbs. Joint 5 161.4 lbs. 13.7 lbs. Joint 6 509.6 lbs. -132.6 lbs. Joint 8 402.9 lbs. 53.9 lbs. Joint 9 509.9 lbs. -132.7 lbs. |
| | 1 | 9.00 0.00 | VALLEY VB2 | 14-01-11 14-01-11 | 2 X 4 2 X 4 | | Joint 1 116.4 lbs. -17.9 lbs. Joint 5 99.1 lbs. 5.3 lbs. Joint 6 344.6 lbs. -113.0 lbs. Joint 7 248.8 lbs. 54.3 lbs. Joint 8 344.8 lbs. -113.1 lbs. |
| | 1 | 9.00 0.00 | VALLEY VB3 | 11-05-11 11-05-11 | 2 X 4 2 X 4 | | Joint 1 68.3 lbs. -54.3 lbs. Joint 2 444.6 lbs. -28.4 lbs. Joint 4 445.5 lbs. -28.6 lbs. Joint 5 49.7 lbs. -35.6 lbs. Joint 6 322.1 lbs. -109.3 lbs. |
| | 1 | 9.00 0.00 | VALLEY VB4 | 08-09-11 08-09-11 | 2 X 4 2 X 4 | | Joint 1 179.8 lbs. -27.9 lbs. Joint 3 179.8 lbs. -34.8 lbs. Joint 4 281.2 lbs. 24.4 lbs. |
| | 1 | 9.00 0.00 | VALLEY VB5 | 06-01-11 06-01-11 | 2 X 4 2 X 4 | | Joint 1 119.9 lbs. -18.6 lbs. Joint 3 119.9 lbs. -23.2 lbs. Joint 4 187.5 lbs. 16.3 lbs. Joint 10 1481.4 lbs. 159.7 lbs. Joint 14 1481.4 lbs. 159.7 lbs. |

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| Roof Order | END CUT | RETURN | | | | LAYOUT | MT | DATE |
| | PLUMB | GABLE STUDS | 24 IN. OC | | | CUTTING | DJS | DATE |

| | | | | |
|---------------------|----------------------------|---|----------------------|---|
| ROOF TRUSSES | LOADING INFORMATION | TCLL-TCDL-BCLL-BCDL 20.0,10.0,0.0,10.0 | STRESS INCR. 1.15 | ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.) |
|---------------------|----------------------------|---|----------------------|---|

| PROFILE | QTY PLY | PITCH | | TYPE ID | BASE O/A | LUMBER | | OVERHANG | | REACTIONS | | | | |
|---------|------------|-------|------|-----------------|----------------------|--------|-------|----------|----------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | TOP | BOT | | | TOP | BOT | LEFT | RIGHT | | | | | |
| | 1 | 9.00 | 0.00 | VALLEY VB6 | 03-05-11 03-05-11 | 2 X 4 | 2 X 4 | | | Joint 1 107.0 lbs. -5.2 lbs. | Joint 3 107.0 lbs. -5.2 lbs. | | | |
| | 1 | 5.00 | 0.00 | VALLEY VG1 | 20-08-02 20-08-02 | 2 X 4 | 2 X 4 | | | Joint 1 187.0 lbs. -5.0 lbs. | Joint 5 187.0 lbs. -13.3 lbs. | Joint 6 486.4 lbs. -88.6 lbs. | Joint 8 197.1 lbs. 39.0 lbs. | Joint 9 486.4 lbs. -88.7 lbs. |
| | 1 | 5.00 | 0.00 | VALLEY VG2 | 15-10-09 15-10-09 | 2 X 4 | 2 X 4 | | | Joint 1 101.5 lbs. -2.3 lbs. | Joint 5 29.3 lbs. -54.4 lbs. | Joint 6 342.5 lbs. -66.1 lbs. | Joint 7 280.8 lbs. 22.7 lbs. | Joint 8 342.4 lbs. -66.3 lbs. |
| | 1 | 5.00 | 0.00 | VALLEY VG3 | 11-00-15 11-00-15 | 2 X 4 | 2 X 4 | | | Joint 1 174.7 lbs. -23.2 lbs. | Joint 3 174.7 lbs. -27.4 lbs. | Joint 4 431.3 lbs. -2.5 lbs. | | |
| | 1 | 5.00 | 0.00 | VALLEY VG4 | 06-03-05 06-03-05 | 2 X 4 | 2 X 4 | | | Joint 1 194.6 lbs. -12.3 lbs. | Joint 3 194.6 lbs. -12.3 lbs. | | | |
| | 1 | 6.00 | 0.00 | COMMON W1-GE | 16-00-00 16-00-00 | 2 X 6 | 2 X 6 | 00-10-08 | 00-10-08 | Joint 2 126.7 lbs. -22.3 lbs. | Joint 10 126.7 lbs. -7.7 lbs. | Joint 12 167.4 lbs. -82.9 lbs. | Joint 13 158.0 lbs. -71.4 lbs. | Joint 14 166.5 lbs. -64.2 lbs. |
| | 2 | 6.00 | 0.00 | COMMON W2 | 16-00-00 16-00-00 | 2 X 6 | 2 X 6 | 00-10-08 | 00-10-08 | Joint 2 561.8 lbs. -44.9 lbs. | Joint 4 638.9 lbs. -56.0 lbs. | Joint 7 167.7 lbs. -5.4 lbs. | | |

ITEMS

| QTY | ITEM TYPE | SIZE | LENGTH FT-IN-16 | PART NUMBER | NOTES |
|-----|-----------------|---------------------|--------------------|-------------|-----------------|
| 9 | Hangers, USP | HUS 26 | | | SIMPSON (HUS26) |
| 4 | BlueLinX (Whsl) | LVL, Metsa(Wh) 2.0, | 07-00-00 | | BM1 |
| 3 | BlueLinX (Whsl) | LVL,Metsa(Wh) 2.0, | 20-00-00 | | FRONT LOAD GDH |