



Comtech

Reilly Road Industrial Park, PO Box 40408
Fayetteville, NC 28309
Phone: (910) 864-8787

Reaction Summary

Job #: 250837-A

Product: Roof

Quote Date:

Customer Information

Cates Building, Inc.

Address & Phone

559 Executive Centre
Suite 101
Fayetteville NC 28305
Phone: (910) 481-0503

Builder

Contact

Rico Allende
(910) 835-8059

Job Information

78 Ducks Landing

Address

78 Ducks Landing
416 Black Duck Ln.
Lilling NC

Lot

78

Sub-Division

Ducks Landing

Sales Person

Scot Duncan

Estimator

Joseph Horrocks

Customer P.O. No.

Designer

Joseph Horrocks

Delivery Notes:

Notes:

Loading

| TCLL | TCDL | BCLL | BCDL |
|------|------|------|------|
| 20 | 10 | 0 | 10 |

Spacing: 2-00-00 O.C.

| Loading | | | | Building Code | Wind Design Method | Velocity | Exp Cat | Wind Max | |
|---------|------|------|------|-----------------|--|----------|---------|----------|------|
| TCLL | TCDL | BCLL | BCDL | | | | Occ Cat | TCDL | BCDL |
| 20 | 10 | 0 | 10 | IRC2021/TPI2014 | MWFRS (Envelope)/C-C hybrid Wind ASCE 7-16 | 150 mph | C II | 6 | 6 |

Roof Trusses

| Label | Profile | Qty | Span | TC Pitch | TC | Reactions |
|------------|---------|-------|----------|----------|-------|---|
| | | Ply | Height | BC Pitch | BC | |
| A01 | | 3 | 36-11-00 | 6 / 12 | 2 x 6 | Joint 2 Joint 8 1787 1787 -282 -282 |
| | | 1-ply | 10-00-08 | | 2 x 6 | |
| A01A | | 3 | 36-11-00 | 6 / 12 | 2 x 6 | Joint 2 Joint 8 1778 1778 -282 -282 |
| | | 1-ply | 10-00-08 | | 2 x 6 | |
| A01GE | | 1 | 36-11-00 | 6 / 12 | 2 x 6 | Continuous Support |
| | | 1-ply | 10-00-08 | | 2 x 6 | |
| A02 | | 4 | 36-11-00 | 6 / 12 | 2 x 6 | Joint 2 Joint 8 1787 1749 -282 -265 |
| | | 1-ply | 10-00-08 | | 2 x 6 | |
| A02A | | 3 | 36-11-00 | 6 / 12 | 2 x 6 | Joint 2 Joint 8 1778 1739 -282 -265 |
| | | 1-ply | 10-00-08 | | 2 x 6 | |
| A02GE | | 1 | 36-11-00 | 6 / 12 | 2 x 6 | Continuous Support |
| | | 1-ply | 10-00-08 | | 2 x 6 | |
| B01GE | | 1 | 14-11-00 | 8 / 12 | 2 x 6 | Continuous Support |
| | | 1-ply | 5-11-04 | | 2 x 6 | |
| B02GR D | | 1 | 14-11-00 | 8 / 12 | 2 x 6 | Joint 1 Joint 3 6222 6895 -1013 -1124 |
| | | 2-ply | 5-10-12 | | 2 x 8 | |
| C01 | | 7 | 4-11-08 | 4 / 12 | 2 x 4 | Joint 2 Joint 4 253 187 -158 -126 |
| | | 1-ply | 2-02-11 | | 2 x 6 | |
| C01GE | | 2 | 4-11-08 | 4 / 12 | 2 x 4 | Joint 2 Joint 6 253 187 -218 -175 |
| | | 1-ply | 2-02-11 | | 2 x 6 | |
| VB01 | | 1 | 12-08-05 | 8 / 12 | 2 x 4 | Joint 1 Joint 5 Joint 7 Joint 6 Joint 8 79 60 264 337 336 -36 -11 0 -152 -152 |
| | | 1-ply | 4-02-12 | | 2 x 4 | |
| VB02 | | 1 | 9-08-05 | 8 / 12 | 2 x 4 | Joint 1 Joint 3 Joint 4 173 177 351 -45 -54 -29 |
| | | 1-ply | 3-02-12 | | 2 x 4 | |
| VB03 | | 1 | 6-08-05 | 8 / 12 | 2 x 4 | Joint 1 Joint 3 Joint 4 124 126 208 -37 -43 -3 |
| | | 1-ply | 2-02-12 | | 2 x 4 | |
| VB04 | | 1 | 3-08-05 | 8 / 12 | 2 x 4 | Joint 1 Joint 3 108 108 -18 -18 |
| | | 1-ply | 1-02-12 | | 2 x 4 | |