



# Comtech

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

## Reaction Summary

Job #: 250116-A

Product: Roof

Sch Del On:

### Customer Information

#### Caviness & Cates Building & Development

##### Address & Phone

639 Executive Place  
Suite 400  
Fayetteville NC 28305  
Phone: (910) 481-0503

##### Builder

Contact  
Rico Allende  
(910) 835-8059

### Job Information

#### 101 Ducks Landing

##### Address

101 Ducks Landing  
441 Black Duck Ln.  
Lillington NC

##### Lot

##### Sub-Division

##### Sales Person

Scot Duncan

##### Estimator

Johnnie Baggett

##### Customer P.O. No.

##### Designer

Johnnie Baggett

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	130 mph	C II	6	6

### Roof Trusses

Label	Profile	Qty	Span	TC Pitch	TC	Reactions							
		Ply	Height	BC Pitch	BC								
A01GE		1	31-11-00	8 /12	2 x 6	Continuous Support							
		1-ply	11-07-08		2 x 6								
A02		10	31-11-00	8 /12	2 x 6	Joint 2	Joint 8						
		1-ply	11-07-08		2 x 6	1752	1707						
A03		3	31-11-00	8 /12	2 x 6	Joint 2	Joint 8						
		1-ply	11-07-08		2 x 6	1752	1752						
A04GE		1	31-11-00	8 /12	2 x 6	Continuous Support							
		1-ply	11-07-08		2 x 6								
B01GE		1	19-11-00	8 /12	2 x 6	Joint 2	Joint 7	Joint 5	Joint 9	Joint 10	Joint 12	Joint 13	Joint 22
		1-ply	7-07-08		2 x 6	652	438	360	80	192	166	569	360
B02		4	19-11-00	8 /12	2 x 6	Joint 2	Joint 4						
		1-ply	7-07-08		2 x 6	1056	1056						
B03-GR		1	19-11-00	8 /12	2 x 6	Joint 1	Joint 5						
		2-ply	7-02-10		2 x 6	8339	8328						
D01GE		1	9-11-00	8 /12	2 x 4	Continuous Support							
		1-ply	4-03-03		2 x 4								
D02		1	9-11-00	8 /12	2 x 4	Joint 2	Joint 4						
		1-ply	4-03-03		2 x 4	461	461						
M01GE		1	4-11-08	4 /12	2 x 4	Continuous Support							
		1-ply	2-02-11		2 x 6								
M02		3	4-11-08	4 /12	2 x 4	Joint 2	Joint 4						
		1-ply	2-02-11		2 x 6	254	177						
M03GE		1	3-11-08	4 /12	2 x 4	Continuous Support							
		1-ply	1-11-03		2 x 4								
M04		4	3-11-08	4 /12	2 x 4	Joint 2	Joint 5						
		1-ply	1-11-03		2 x 4	209	152						
VB1		1	16-03-05	8 /12	2 x 4	Joint 1	Joint 5	Joint 7	Joint 6	Joint 9			
		1-ply	5-05-08		2 x 4	140	134	243	390	390			
VB2		1	12-03-05	8 /12	2 x 4	Joint 1	Joint 5	Joint 7	Joint 6	Joint 8			
		1-ply	4-01-08		2 x 4	63	49	264	314	314			
VB3		1	8-03-05	8 /12	2 x 4	Joint 1	Joint 3	Joint 4					
		1-ply	2-09-08		2 x 4	160	160	269					
VB4		1	4-03-05	8 /12	2 x 4	Joint 1	Joint 3	Joint 4					
		1-ply	1-05-08		2 x 4	74	74	123					