



Comtech

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

Reaction Summary

Job #: 250035-C

Product: Roof

Sch Del On:

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

79 Ducks Landing

Address

79 Ducks Landing
402 Black Duck Ln.
Lillington NC

Lot

79

Sub-Division

Ducks Landing

Sales Person

Scot Duncan

Estimator

Johnnie Baggett

Customer P.O. No.

Designer

Johnnie Baggett

Delivery Notes:

Notes:

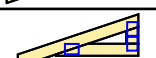
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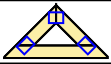
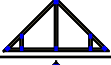
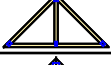
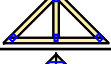
TCLL	TCDL	BCLL	BCDL
20	10	0	10

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	23-11-08	10 /12	2 x 6	Continuous Support							
		1-ply	11-01-11		2 x 6								
A02		4	23-11-08	10 /12	2 x 6	Joint 2	Joint 10						
		1-ply	11-01-11		2 x 6	1420	1420						
A03		2	23-11-08	10 /12	2 x 6	Joint 2	Joint 10						
		1-ply	11-01-11		2 x 6	1410	1409						
A04		3	23-11-08	10 /12	2 x 6	Joint 2	Joint 9						
		1-ply	11-01-11		2 x 6	1410	1363						
A05		9	23-11-08	10 /12	2 x 6	Joint 2	Joint 9						
		1-ply	11-01-11		2 x 6	1296	1251						
A06GE		1	23-11-08	10 /12	2 x 6	Continuous Support							
		1-ply	11-01-11		2 x 6								
B01GE		1	19-11-00	12 /12	2 x 10	Continuous Support							
		1-ply	12-01-08		2 x 10								
B02		2	19-11-00	12 /12	2 x 10	Joint 9	Joint 13						
		1-ply	12-01-08		2 x 10	1438	1400						
B03		4	19-07-08	12 /12	2 x 10	Joint 9	Joint 13						
		1-ply	12-01-08		2 x 10	1422	1402						
C01GE		1	18-03-08	12 /12	2 x 6	Joint 2	Joint 14	Joint 10	Joint 15	Joint 13	Joint 21	Joint 27	Joint 8
		1-ply	10-05-12		2 x 6	255	320	460	53	122	255	460	514
C02		3	18-03-08	12 /12	2 x 6	Joint 2	Joint 4						
		1-ply	10-05-12		2 x 6	999	999						
C03-GR		1	18-03-08	12 /12	2 x 6	Joint 1	Joint 5						
		3-ply	9-11-06		2 x 6	6753	5844						
H01GE		1	10-11-00	12 /12	2 x 6	Continuous Support							
		1-ply	6-09-08		2 x 6								
M01GE		1	4-11-08	4 /12	2 x 4	Continuous Support							
		1-ply	2-03-03		2 x 4								
M02		5	4-11-08	4 /12	2 x 4	Joint 2	Joint 5						
		1-ply	2-03-03		2 x 4	248	194						
M03		4	6-11-08	4 /12	2 x 4	Joint 2	Joint 5						
		1-ply	2-11-03		2 x 4	326	276						
M04GE		1	2-00-00	4 /12	2 x 4	Continuous Support							
		1-ply	1-03-06		2 x 4								

Roof Trusses						
Label	Profile	Qty	Span	TC Pitch	TC	Reactions
		Ply	Height	BC Pitch	BC	
VB1		1	2-04-11	12 /12	2 x 4	Joint 1 Joint 3
		1-ply	1-02-12		2 x 4	70 70 -2 -2
VC1		1	15-06-12	12 /12	2 x 4	Joint 1 Joint 5 Joint 7 Joint 6 Joint 8
		1-ply	7-09-12		2 x 4	192 170 415 513 513 -33 -4 0 -187 -187
VC2		1	12-02-12	12 /12	2 x 4	Joint 1 Joint 5 Joint 7 Joint 6 Joint 8
		1-ply	6-01-12		2 x 4	119 102 224 339 339 -57 -34 0 -160 -160
VC3		1	8-10-12	12 /12	2 x 4	Joint 1 Joint 3 Joint 4
		1-ply	4-05-12		2 x 4	201 201 258 -36 -36 0
VC4		1	5-06-12	12 /12	2 x 4	Joint 1 Joint 3 Joint 4
		1-ply	2-09-12		2 x 4	120 120 154 -21 -21 0
VC5		1	2-02-12	12 /12	2 x 4	Joint 1 Joint 3
		1-ply	1-01-12		2 x 4	64 64 -2 -2