



Comtech

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

Reaction Summary

Job #: 251385-A

Product: Roof

Quote Date:

Customer Information

Precision Custom Homes and Renovations

Address & Phone

206 Shoreline Drive
Raeford NC 28376
Phone: (910) 988-8172

Builder

Contact

Allen Peterson
(704) 451-4444

Job Information

Lot 33 Magnolia Hills

Address

Lot 33 Magnolia Hills

Cameron NC

Lot

33

Sub-Division

Magnolia Hills

Sales Person

Neil Baggett

Estimator

Joseph Horrocks

Customer P.O. No.

Designer

Joseph Horrocks

Delivery Notes:

Notes:

Loading

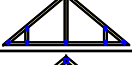
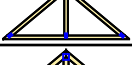
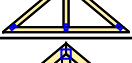
TCLL	TCDL	BCLL	BCDL
20	10	0	10

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	130 mph	C II	6	6

Roof Trusses

Label	Profile	Qty	Span	TC Pitch	TC	Reactions
		Ply	Height	BC Pitch	BC	
A1		6	33-00-00	7 / 12	2 x 6	Joint 2 Joint 8 1692 1692 -91 -91
		1-ply	10-07-13		2 x 6	
A1GE		1	33-00-00	7 / 12	2 x 6	Continuous Support
		1-ply	10-07-13		2 x 6	
A2		4	33-00-00	7 / 12	2 x 6	Joint 2 Joint 8 1692 1692 -91 -91
		1-ply	10-07-13		2 x 6	
A3		9	33-00-00	7 / 12	2 x 6	Joint 2 Joint 8 1697 1629 -91 -75
		1-ply	10-07-13		2 x 6	
A3GE		1	33-00-00	7 / 12	2 x 6	Continuous Support
		1-ply	10-07-13		2 x 6	
B1GE		1	12-00-00	6 / 12	2 x 4	Joint 2 Joint 8 550 550 -143 -143
		1-ply	3-11-03		2 x 6	
B2		4	12-00-00	6 / 12	2 x 4	Joint 2 Joint 4 550 550 -109 -109
		1-ply	3-11-03		2 x 6	
C1		5	20-00-00	10 / 12	2 x 6	Joint 2 Joint 4 1105 1105 -48 -48
		1-ply	9-07-15		2 x 6	
C1-GR		1	20-00-00	10 / 12	2 x 6	Joint 2 Joint 6 7590 7605 -437 -424
		2-ply	9-07-15		2 x 8	
C1GE		1	20-00-00	10 / 12	2 x 6	Joint 2 Joint 12 860 860 -169 -169
		1-ply	9-07-15		2 x 6	
G1		6	46-00-00	6 / 12	2 x 6	Joint 2 Joint 12 1329 1480 -66 -168
		1-ply	12-05-02		2 x 8	
G1GE		1	46-00-00	6 / 12	2 x 4	Continuous Support
		1-ply	12-05-02		2 x 6	
J1		4	6-00-00	4 / 12	2 x 4	Joint 2 Joint 4 316 215 -132 -90
		1-ply	2-08-00		2 x 6	
J2		6	5-00-00	4 / 12	2 x 4	Joint 2 Joint 4 277 174 -119 -72
		1-ply	2-04-00		2 x 6	
J2GE		1	5-00-00	4 / 12	2 x 4	Continuous Support
		1-ply	2-04-08		2 x 6	
J3		9	3-06-00	4 / 12	2 x 4	Joint 2 Joint 4 224 107 -69 -14
		1-ply	1-10-00		2 x 6	
J3GE		2	3-06-00	4 / 12	2 x 4	Continuous Support
		1-ply	1-10-08		2 x 4	

Roof Trusses										
Label	Profile	Qty	Span	TC Pitch	TC	Reactions				
		Ply	Height	BC Pitch	BC					
V1		1	18-06-03	10 /12	2 x 4	Joint 1	Joint 5	Joint 7	Joint 6	Joint 9
		1-ply	7-08-09		2 x 4	224	200	391	612	612
V2		1	15-08-09	10 /12	2 x 4	Joint 1	Joint 5	Joint 7	Joint 6	Joint 8
		1-ply	6-06-09		2 x 4	172	151	407	478	478
V3		1	12-11-00	10 /12	2 x 4	Joint 1	Joint 5	Joint 7	Joint 6	Joint 8
		1-ply	5-04-09		2 x 4	101	85	242	330	330
V4		1	10-01-06	10 /12	2 x 4	Joint 1	Joint 3	Joint 4		
		1-ply	4-02-09		2 x 4	199	199	347		
V5		1	7-03-13	10 /12	2 x 4	Joint 1	Joint 3	Joint 4		
		1-ply	3-00-10		2 x 4	151	151	220		
V6		1	4-06-03	10 /12	2 x 4	Joint 1	Joint 3	Joint 4		
		1-ply	1-10-09		2 x 4	86	86	125		



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40	10	0	5

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40	10	0	5	IRC2021/TPI2014	MWFRS (Envelope)/C-C hybrid Wind ASCE 7-16	130 mph	C II	6	6

Floor Trusses

Label	Profile	Qty	Span	TC	Reactions				
		Ply	Height	BC					
ET1		1	32-11-00	2 x 4	Continuous Support				
		1-ply	1-04-00	2 x 4					
ET2		1	18-04-00	2 x 4	Continuous Support				
		1-ply	1-04-00	2 x 4					
ET3		1	19-04-08	2 x 4	Continuous Support				
		1-ply	1-04-00	2 x 4					
F1		7	32-11-00	2 x 4	Joint 24	Joint 31	Joint 40		
		1-ply	1-04-00	2 x 4	662	2190	882		
F2		3	31-11-00	2 x 4	Joint 22	Joint 28	Joint 36		
		1-ply	1-04-00	2 x 4	719	2079	795		
F3		9	19-11-00	2 x 4	Joint 14	Joint 24			
		1-ply	1-04-00	2 x 4	1075	1075			
F4		10	19-07-00	2 x 4	Joint 16	Joint 25			
		1-ply	1-04-00	2 x 4	1057	1063			
F4A		1	19-08-00	2 x 4	Joint 17	Joint 28	Joint 16		
		1-ply	1-04-00	2 x 4	730	1157	275		
F5		1	5-10-08	2 x 4	Joint 6	Joint 5			
		1-ply	1-04-00	2 x 4	288	294			
FG1		1	5-06-00	2 x 4	Joint 5	Joint 8			
		1-ply	1-01-00	2 x 4	456	478			