



Comtech

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

Reaction Summary

Job #: 251265-A

Product: Roof

Sch Del On: 10/17/2025

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 66 Magnolia Hills

Address

Lot 66 Magnolia Hills
54 Alder Dr.
Cameron NC

Lot

66

Sub-Division

Magnolia Hills

Sales Person

Neil Baggett

Customer P.O. No.

Estimator

Neil Baggett

Designer

Neil Baggett

Delivery Notes:

Notes:

Loading

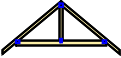
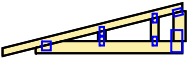
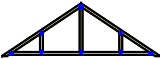
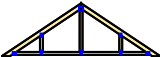
TCLL	TCDL	BCLL	BCDL
20	10	0	10

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	
A1		3	44-11-00	8 / 12	2 x 8	Joint 16 Joint 20 Joint 24 2234 1817 2157 0 0 0
		1-ply	11-08-10		2 x 10	
A1-GR		1	44-11-00	8 / 12	2 x 8	Joint 16 Joint 20 Joint 24 5742 3642 4452 0 0 0
		2-ply	11-08-10		2 x 10	
A1GE		1	44-11-00	8 / 12	2 x 8	Joint 26 Joint 31 Joint 37 2252 1780 2176 -89 0 -93
		1-ply	11-08-10		2 x 10	
A2		1	44-11-00	8 / 12	2 x 8	Joint 16 Joint 20 Joint 24 2179 1721 2174 0 0 0
		1-ply	11-08-10		2 x 10	
A2-GR		1	44-11-00	8 / 12	2 x 8	Joint 16 Joint 20 Joint 24 5786 3460 4525 0 0 0
		2-ply	11-08-10		2 x 10	
A2A-GR		1	44-11-00	8 / 12	2 x 8	Joint 16 Joint 20 Joint 24 4364 5113 6289 0 0 0
		3-ply	11-08-10		2 x 10	
A3		2	4-02-00	8 / 12	2 x 6	Joint 4 Joint 5 241 167 0 -81
		1-ply	4-09-04		2 x 6	
A3GE		1	4-02-00	8 / 12	2 x 6	Joint 5 Joint 7 241 175 0 -132
		1-ply	4-09-04		2 x 6	
B1		7	30-06-00	8 / 12	2 x 6	Joint 2 Joint 14 Joint 11 801 1793 636 -94 -70 -374
		1-ply	11-04-00	5 / 12	2 x 6	
B1GE		1	30-06-00	8 / 12	2 x 6	Continuous Support
		1-ply	11-04-00	5 / 12	2 x 6	
C1		1	30-05-08	8 / 12	2 x 6	Joint 1 Joint 7 1210 1278 -48 -104
		1-ply	8-10-02		2 x 6	
C1SG		1	30-05-08	8 / 12	2 x 6	Joint 1 Joint 7 1210 1278 -208 -307
		1-ply	8-10-02		2 x 6	
C2		7	27-10-08	8 / 12	2 x 6	Joint 1 Joint 10 1108 1180 -37 -104
		1-ply	7-09-14		2 x 6	
C2GE		1	27-10-08	8 / 12	2 x 6	Continuous Support
		1-ply	7-09-14		2 x 6	
D1		2	15-01-00	10 / 12	2 x 10	Joint 1 Joint 4 610 674 -6 -46
		1-ply	8-11-00		2 x 6	
D1SG		1	15-01-00	10 / 12	2 x 10	Joint 1 Joint 4 610 674 -83 -145
		1-ply	8-11-00		2 x 6	
D2		2	15-01-00	10 / 12	2 x 10	Joint 1 Joint 4 613 596 -3 -47
		1-ply	8-11-00		2 x 6	

Roof Trusses						
Label	Profile	Qty	Span	TC Pitch	TC	Reactions
		Ply	Height	BC Pitch	BC	
G1		3	8-05-00	10 /12	2 x 4	Joint 2 Joint 4 409 409 -34 -34
		1-ply	4-11-02		2 x 6	
G1GE		1	8-05-00	10 /12	2 x 4	Continuous Support
		1-ply	4-11-02		2 x 6	
M1		3	5-08-00	3 /12	2 x 4	Joint 2 Joint 4 306 202 -132 -82
		1-ply	2-00-00		2 x 6	
M1GE		1	5-08-00	3 /12	2 x 4	Joint 2 Joint 8 306 202 -189 -120
		1-ply	2-00-00		2 x 6	
PB		5	16-00-00	8 /12	2 x 4	Continuous Support
		1-ply	5-04-00		2 x 4	
PBA		2	16-00-00	8 /12	2 x 6	Continuous Support
		1-ply	5-04-00		2 x 4	
PGBE		1	16-00-00	8 /12	2 x 4	Continuous Support
		1-ply	5-04-00		2 x 4	



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Reaction Summary

Job #: 251265-B

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Loading

TCLL	TCDL	BCLL	BCDL
0	0	0	0

Spacing: 0-00 O.C.

Loading				Building Code	Wind Design Method	Velocity	Exp Cat	Wind Max	
TCLL	TCDL	BCLL	BCDL				Occ Cat	TCDL	BCDL
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													
F1		6	17-07-00	2 x 4	Joint 13	Joint 19	Joint 22										
		1-ply	1-02-00	2 x 4	628	1033	284										
F1A		1	17-07-00	2 x 4	Joint 17	Joint 27	Joint 26	Joint 28	Joint 24	Joint 22	Joint 21	Joint 20	Joint 19	Joint 18			
		1-ply	1-02-00	2 x 4	45	5	123	2701	139	151	146	147	147	148			
					0	-249	-218	0	0	0	0	0	0				
					Joint 28	Joint 28	Joint 32										
					2701	2701	3004										
					0	0	0										
F2		3	17-03-08	2 x 4	Joint 14	Joint 22											
		1-ply	1-02-00	2 x 4	937	937											
F3		6	17-03-08	2 x 4	Joint 13	Joint 20	Joint 23										
		1-ply	1-02-00	2 x 4	686	1100	180										
F4		1	17-03-08	2 x 4	Joint 14	Joint 21	Joint 24										
		1-ply	1-02-00	2 x 4	700	1748	2508										
					0	0	0										