



Comtech

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

Reaction Summary

Job #: 251264-A

Product: Roof

Sch Del On: 10/24/2025

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 40 Magnolia Hills

Address

Lot 40 Magnolia Hills
385 Alder Dr.
Cameron NC

Lot

40

Sub-Division

Magnolia Hills

Sales Person

Neil Baggett

Estimator

Neil Baggett

Customer P.O. No.

Designer

Johnnie Baggett

Delivery Notes:

Notes:

Loading

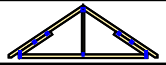
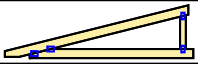
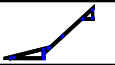
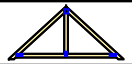
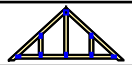
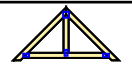
TCLL	TCDL	BCLL	BCDL
20	10	0	10

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				
A1		6	41-03-00	3 / 12	2 x 6	Joint 2	Joint 14	Joint 17	Joint 13
		1-ply	12-09-05		2 x 10	151 -330	2483 0	1508 0	1360 0
A1GE		1	41-03-00	3 / 12	2 x 6	Joint 27	Joint 31	Joint 25	
		1-ply	12-09-05		2 x 10	2226 -89	1808 0	1378 0	
A2		6	33-03-00	3.5 / 12	2 x 6	Joint 2	Joint 8		
		1-ply	7-05-10		2 x 6	1383 -141	1383 -141		
A2-GR		1	33-03-00	3.5 / 12	2 x 6	Joint 2	Joint 11		
		2-ply	7-06-00		2 x 6	1386 -102	1386 -102		
A2SG		1	33-03-00	3.5 / 12	2 x 6	Joint 2	Joint 8		
		1-ply	7-07-12		2 x 6	1402 -153	1402 -153		
A3		3	21-00-00	11 / 12	2 x 6	Joint 8	Joint 5		
		1-ply	7-06-00		2 x 6	824 -59	896 -109		
A4		1	24-01-08	11 / 12	2 x 6	Joint 1	Joint 5		
		1-ply	7-05-10		2 x 6	1085 -40	1091 -104		
A4A		1	24-01-08	11 / 12	2 x 6	Joint 1	Joint 6		
		1-ply	7-05-10		2 x 6	2448 -200	1223 -126		
A4SG		1	24-01-08	11 / 12	2 x 6	Joint 1	Joint 9		
		1-ply	7-05-10		2 x 6	1085 -40	1091 -104		
A5		2	13-08-00	11 / 12	2 x 6	Joint 4	Joint 6		
		1-ply	7-05-10		2 x 6	814 -25	449 -20		
A6		7	13-08-00	11 / 12	2 x 6	Joint 1	Joint 5		
		1-ply	7-05-10		2 x 6	630 -18	628 -25		
A6GE		1	13-08-00	11 / 12	2 x 6	Continuous Support			
		1-ply	7-05-10		2 x 6				
B1		3	23-11-00	12 / 12	2 x 10	Joint 11	Joint 15		
		1-ply	12-07-14		2 x 10	1620 0	1678 0		
B1GE		1	23-11-00	12 / 12	2 x 10	Joint 19	Joint 25		
		1-ply	12-07-14		2 x 10	1620 0	1678 0		
B2		5	23-11-00	12 / 12	2 x 10	Joint 10	Joint 14		
		1-ply	12-07-14		2 x 10	1622 0	1622 0		
B2-GR		1	23-11-00	12 / 12	2 x 10	Joint 10	Joint 14		
		3-ply	12-07-14		2 x 10	8042 0	7698 0		
C1		5	20-09-00	11 / 12	2 x 6	Joint 9	Joint 7		
		1-ply	7-11-02		2 x 6	903 -40	883 -74		

Roof Trusses						
Label	Profile	Qty	Span	TC Pitch	TC	Reactions
		Ply	Height	BC Pitch	BC	
C1GE		1	20-09-00	11 /12	2 x 6	Continuous Support
		1-ply	7-11-02		2 x 6	
D1		6	19-11-00	8 /12	2 x 6	Joint 2 Joint 10 1072 1072 -55 -55
		1-ply	7-10-09		2 x 6	
D1GE		1	19-11-00	8 /12	2 x 6	Continuous Support
		1-ply	7-10-09		2 x 6	
G1		6	15-11-00	8 /12	2 x 6	Joint 2 Joint 6 822 822 -98 -98
		1-ply	6-06-09		2 x 6	
G1GE		1	15-11-00	8 /12	2 x 6	Continuous Support
		1-ply	6-06-09		2 x 6	
M1		7	8-00-00	3 /12	2 x 6	Joint 2 Joint 6 384 298 -153 -127
		1-ply	2-08-00		2 x 6	
M2		3	20-00-00	3 /12	2 x 6	Joint 2 Joint 10 Joint 11 214 1206 338 -206 -327 -172
		1-ply	12-07-00		2 x 6	
PB1		6	9-01-01	11 /12	2 x 4	Joint 2 Joint 4 Joint 6 196 196 282 -22 -29 0
		1-ply	4-02-00		2 x 4	
PB1GE		1	9-01-01	11 /12	2 x 4	Joint 2 Joint 6 Joint 9 Joint 8 Joint 10 110 105 113 208 207 -14 0 0 -87 -86
		1-ply	4-02-00		2 x 4	
PB2		10	6-00-00	12 /12	2 x 4	Joint 2 Joint 4 Joint 6 142 142 151 -24 -28 0
		1-ply	3-00-00		2 x 4	



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40	10	0	5

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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					
ET1		1	24-01-08	2 x 4	Continuous Support				
		1-ply	1-02-00	2 x 4					
F1		4	33-03-00	2 x 4	Joint 22	Joint 30	Joint 38	Joint 38	
		1-ply	1-02-00	2 x 4	879	2166	704	704	
F1A		1	33-03-00	2 x 4					
		1-ply	1-02-00	2 x 4	1742	1742	4660	1315	1315
F2		3	15-00-08	2 x 4	Joint 9	Joint 16			
		1-ply	1-02-00	2 x 4	807	807			
F2A		1	15-00-08	2 x 4	Joint 14	Joint 23			
		1-ply	1-02-00	2 x 4	1021	888			
F3		1	10-06-00	2 x 4	Joint 8	Joint 12			
		1-ply	1-02-00	2 x 4	564	558			
F4		5	14-09-00	2 x 4	Joint 11	Joint 17			
		1-ply	1-02-00	2 x 4	791	791			
F5		3	24-01-08	2 x 4	Joint 17	Joint 20	Joint 29		
		1-ply	1-02-00	2 x 4	1686	1573	960		
F5A		1	24-01-08	2 x 4	Joint 19	Joint 22	Joint 31		
		1-ply	1-02-00	2 x 4	476	3059	1210		
F6		7	24-01-08	2 x 4	Joint 20	Joint 23	Joint 31		
		1-ply	1-02-00	2 x 4	1205	2281	1071		
F6A		1	24-01-08	2 x 4	Joint 20	Joint 23	Joint 31		
		1-ply	1-02-00	2 x 4	851	2925	997		
FG1		1	3-04-00	2 x 4	Joint 5	Joint 8			
		1-ply	1-02-00	2 x 4	395	461			
FG2		1	18-09-08	2 x 4	Joint 17	Joint 27			
		1-ply	1-02-00	2 x 4	1216	1172			