



Comtech

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

Reaction Summary

Job #: 251447-A

Product: Roof

Sch Del On:

Customer Information

Precision Custom Homes and Renovations

Address & Phone

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

Builder

Contact

Shaun Gardener
(910) 988-8172

Job Information

Lot 65 Magnolia Hills

Address

Lot 65 Magnolia Hills
78 Alder Dr.
Cameron NC

Lot

65

Sub-Division

Magnolia Hills

Sales Person

Neil Baggett

Estimator

Neil Baggett

Customer P.O. No.

Designer

Neil Baggett

Delivery Notes:

Notes:

Loading

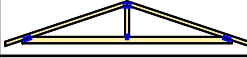
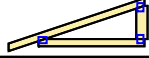
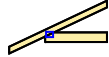
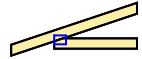
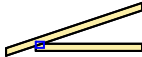
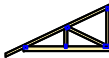
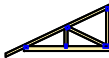
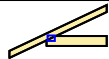
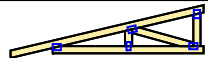
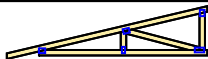
TCLL	TCDL	BCLL	BCDL
20	10	0	10

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		1	36-07-00	8 / 12	2 x 6	Joint 2 Joint 8 2833 2833 -653 -653
		2-ply	5-02-03		2 x 6	
A2		1	36-07-00	8 / 12	2 x 6	Joint 2 Joint 7 1682 1682 -55 -55
		1-ply	6-06-03		2 x 6	
A3		1	36-07-00	8 / 12	2 x 6	Joint 2 Joint 7 1826 1826 -50 -50
		1-ply	7-10-03		2 x 6	
A4		1	36-07-00	8 / 12	2 x 6	Joint 2 Joint 11 1717 1777 -64 -79
		1-ply	9-02-03		2 x 6	
A5		1	36-07-00	8 / 12	2 x 6	Joint 2 Joint 10 1719 1728 -76 -90
		1-ply	10-06-03		2 x 6	
A6		1	36-07-00	8 / 12	2 x 6	Joint 2 Joint 11 1801 1766 -85 -98
		1-ply	11-10-08		2 x 6	
A7		1	36-07-00	8 / 12	2 x 6	Joint 2 Joint 11 1818 1778 -90 -102
		1-ply	12-08-08		2 x 6	
A8		1	36-07-00	8 / 12	2 x 6	Joint 2 Joint 13 1802 1777 -86 -101
		1-ply	11-10-08		2 x 6	
B1		1	28-07-08	8 / 12	2 x 6	Joint 2 Joint 7 2177 2100 -501 -483
		2-ply	5-00-13		2 x 6	
B2		1	34-07-00	8 / 12	2 x 6	Joint 2 Joint 8 1445 1445 -39 -93
		1-ply	6-04-13		2 x 6	
B3		1	34-07-00	8 / 12	2 x 6	Joint 2 Joint 7 1681 1581 -51 -96
		1-ply	7-08-13		2 x 6	
B4		1	34-07-00	8 / 12	2 x 6	Joint 2 Joint 8 1637 1584 -64 -105
		1-ply	9-00-13		2 x 6	
B5		1	34-07-00	8 / 12	2 x 6	Joint 2 Joint 9 1672 1602 -75 -112
		1-ply	10-04-13		2 x 6	
B6		1	34-07-00	8 / 12	2 x 6	Joint 2 Joint 8 1734 1752 -78 -113
		1-ply	10-08-11		2 x 6	
B7		1	34-07-00	8 / 12	2 x 6	Joint 2 Joint 13 1742 1743 -78 -113
		1-ply	10-08-11		2 x 6	
B8		1	34-07-00	8 / 12	2 x 6	Joint 2 Joint 11 1807 1665 -78 -59
		1-ply	10-08-11		2 x 6	
C1SG		1	15-00-00	4 / 12	2 x 4	Joint 2 Joint 8 670 670 -371 -371
		1-ply	3-02-08		2 x 6	

Roof Trusses							
Label	Profile	Qty	Span	TC Pitch	TC	Reactions	
		Ply	Height	BC Pitch	BC		
C2		4	15-00-00	4 / 12	2 x 4	Joint 2	Joint 4
		1-ply	3-02-08		2 x 6	670 -261	670 -261
P1		7	6-05-00	4 / 12	2 x 4	Joint 2	
		1-ply	2-10-03		2 x 6	331 -134	
P2		10	4-05-00	4 / 12	2 x 4	Joint 2	Joint 4
		1-ply	2-01-11		2 x 4	256 -63	149 -25
P3		3	5-09-08	4 / 12	2 x 4	Joint 2	
		1-ply	2-07-11		2 x 6	307 -127	
XA1		14	6-00-00	8 / 12	2 x 4	Joint 2	Joint 3 Joint 4
		1-ply	5-01-14		2 x 6	322 0	184 -105 116 0
XB1		10	5-10-00	8 / 12	2 x 4	Joint 2	Joint 3 Joint 4
		1-ply	5-00-09		2 x 6	316 0	178 -102 112 0
XB2		2	2-00-08	8 / 12	2 x 4	Joint 2	Joint 3 Joint 4
		1-ply	2-06-03		2 x 6	185 -16	34 -29 37 0
YA1		4	1-10-15	8 / 12	2 x 4	Joint 2	Joint 3 Joint 4
		1-ply	2-05-03		2 x 6	174 -15	40 -29 37 0
YA2		4	3-10-15	8 / 12	2 x 4	Joint 2	Joint 4 Joint 3
		1-ply	3-09-03		2 x 6	244 -6	74 0 110 -66
YA3		1	2-11-04	5.66 / 12	2 x 4	Joint 2	Joint 4 Joint 3
		1-ply	2-06-02		2 x 6	262 -34	54 0 40 -31
YB1		4	1-08-15	8 / 12	2 x 4	Joint 2	Joint 4 Joint 3
		1-ply	2-03-13		2 x 6	169 -17	34 0 32 -25
YB2		4	3-08-15	8 / 12	2 x 4	Joint 2	Joint 4 Joint 3
		1-ply	3-07-13		2 x 6	238 -7	71 0 104 -63
YP1		4	2-03-15	4 / 12	2 x 4	Joint 2	Joint 3 Joint 4
		1-ply	1-05-13		2 x 4	192 -90	38 -23 42 -11
YP2		2	4-03-15	4 / 12	2 x 4	Joint 2	Joint 3 Joint 4
		1-ply	2-01-13		2 x 4	259 -110	111 -50 83 -21
ZA1		2	8-04-05	5.66 / 12	2 x 4	Joint 2	Joint 7
		1-ply	5-00-13		2 x 6	456 -50	353 -110
ZB1		2	8-01-08	5.66 / 12	2 x 4	Joint 2	Joint 7
		1-ply	4-11-08		2 x 6	443 -48	336 -104
ZB2		1	2-09-04	5.66 / 12	2 x 4	Joint 2	Joint 3 Joint 4
		1-ply	2-05-03		2 x 6	258 -35	32 -28 50 0
ZP1		1	6-01-07	2.83 / 12	2 x 4	Joint 2	Joint 7
		1-ply	2-01-12		2 x 4	359 -117	219 -55
ZP2		1	8-11-06	2.83 / 12	2 x 4	Joint 2	Joint 7
		1-ply	2-09-12		2 x 4	488 -212	396 -174



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Sch Del On:

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206 Shoreline Drive
Raeford NC 28376
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Magnolia Hills

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TCLL	TCDL	BCLL	BCDL
40	10	0	5

Spacing: 2-00-00 O.C.

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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	28-06-08	2 x 4	Continuous Support				
		1-ply	1-04-00	2 x 4					
ET2		1	19-05-08	2 x 4	Continuous Support				
		1-ply	1-04-00	2 x 4					
F01		5	34-06-00	2 x 4	Joint 21	Joint 29	Joint 37		
		1-ply	1-04-00	2 x 4	843	2186	830		
F02		3	28-06-08	2 x 4	Joint 18	Joint 26	Joint 31		
		1-ply	1-04-00	2 x 4	854	1831	536		
F03		9	22-03-00	2 x 4	Joint 16	Joint 27			
		1-ply	1-04-00	2 x 4	1203	1203			
F04		6	19-05-08	2 x 4	Joint 13	Joint 22			
		1-ply	1-04-00	2 x 4	1050	1050			
F05		2	17-03-00	2 x 4	Joint 11	Joint 19			
		1-ply	1-04-00	2 x 4	922	922			
F07		6	13-08-00	2 x 4	Joint 9	Joint 15			
		1-ply	1-04-00	2 x 4	732	732			
F08		1	10-01-00	2 x 4	Joint 7	Joint 12			
		1-ply	1-04-00	2 x 4	535	535			