



Comtech

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

Reaction Summary

Job #: **J0725-3386-A**

Product: Floor

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 90 Magnolia Hills

Address

Lot 90 Magnolia Hills

314 Persimmon Tree Dr.
Cameron NC

Lot

Sub-Division

Sales Person

Neil Baggett

Estimator

Customer P.O. No.

Designer

Delivery Notes:

Notes:

Loading

TCLL	TCDL	BCLL	BCDL
40	10	0	5

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
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 37	Joint 29	Joint 21		
		1-ply	1-04-00	2 x 4	843	2186	830		
F02		3	28-06-08	2 x 4	Joint 31	Joint 23	Joint 18		
		1-ply	1-04-00	2 x 4	854	1831	536		
F03		9	22-03-00	2 x 4	Joint 27	Joint 16			
		1-ply	1-04-00	2 x 4	1203	1203			
F04		6	19-05-08	2 x 4	Joint 22	Joint 13			
		1-ply	1-04-00	2 x 4	1050	1050			
F05		2	17-03-00	2 x 4	Joint 19	Joint 11			
		1-ply	1-04-00	2 x 4	922	922			
F07		6	13-08-00	2 x 4	Joint 15	Joint 9			
		1-ply	1-04-00	2 x 4	732	732			
F08		1	10-01-00	2 x 4	Joint 12	Joint 7			
		1-ply	1-04-00	2 x 4	535	535			



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Reaction Summary

Job #: J0725-3385-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 90 Magnolia Hills

Address

Lot 90 Magnolia Hills
314 Persimmon Tree Dr.
Cameron NC

Lot

Sub-Division

Sales Person

Neil Baggett

Estimator

Customer P.O. No.

Designer

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	10-00-00	4 / 12	2 x 4	Joint 2 Joint 4 470 470 -270 -270
		1-ply	2-04-08		2 x 6	

Roof Trusses

Label	Profile	Qty	Span	TC Pitch	TC	Reactions		
		Ply	Height	BC Pitch	BC			
C2		4	10-00-00	4 / 12	2 x 4	Joint 2	Joint 4	
		1-ply	2-04-08		2 x 6	470	470	
P1		7	6-05-00	4 / 12	2 x 4	Joint 2		
		1-ply	2-10-03		2 x 6	331		
P2		10	4-05-00	4 / 12	2 x 4	Joint 2	Joint 4	
		1-ply	2-01-11		2 x 4	256	149	
P3		3	5-09-08	4 / 12	2 x 4	Joint 2		
		1-ply	2-07-11		2 x 6	307		
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	184	116
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	178	112
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	34	37
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	40	37
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	74	110
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	54	40
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	34	32
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	71	104
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	38	42
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	111	83
ZA1		2	8-04-05	5.66 / 12	2 x 4	Joint 2	Joint 7	
		1-ply	5-00-13		2 x 6	456	353	
ZB1		2	8-01-08	5.66 / 12	2 x 4	Joint 2	Joint 7	
		1-ply	4-11-08		2 x 6	443	336	
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	32	50
ZP1		1	6-01-07	2.83 / 12	2 x 4	Joint 2	Joint 7	
		1-ply	2-01-12		2 x 4	359	219	
ZP2		1	8-11-06	2.83 / 12	2 x 4	Joint 2	Joint 7	
		1-ply	2-09-12		2 x 4	488	396	