



Comtech

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

Reaction Summary

Job #: 251075-A

Product: Roof

Sch Del On:

Customer Information

Signature Home Builders, Inc.

Address & Phone

1209 N. Main Street
Lillington NC 27546
Phone: (910) 892-9299

Builder

Contact

Chris Sherrod
(910) 985-1136

Job Information

861 Mann Road

Address

861 Mann Road
861 Mann Road
Coats NC 27521

Lot

Sub-Division

Sales Person

Anthony Williams

Estimator

Anthony Williams

Customer P.O. No.

Designer

Anthony Williams

Delivery Notes:

Notes:

Loading

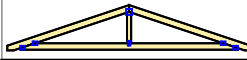
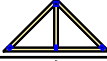
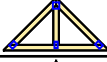
TCLL	TCDL	BCLL	BCDL
20	10	0	10

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-GE		1	30-03-00	8 / 12	2 x 6	Continuous Support				
		1-ply	11-00-13		2 x 6					
A2		7	30-03-00	8 / 12	2 x 6	Joint 2	Joint 8			
		1-ply	11-00-13		2 x 6	1563	1563	-75	-75	
A3		4	29-11-08	8 / 12	2 x 6	Joint 2	Joint 9			
		1-ply	11-00-13		2 x 6	1555	1511	-74	-61	
A3A		9	29-11-08	8 / 12	2 x 6	Joint 2	Joint 9			
		1-ply	11-00-13		2 x 6	1548	1504	-74	-61	
A4-GE		1	29-11-08	8 / 12	2 x 6	Continuous Support				
		1-ply	11-00-13		2 x 6					
B1-GE		1	23-11-00	12 / 12	2 x 6	Joint 2	Joint 10			
		1-ply	13-05-10		2 x 10	1539	1539	0	0	
B2		4	23-11-00	12 / 12	2 x 6	Joint 2	Joint 10			
		1-ply	13-02-05		2 x 10	1537	1537	0	0	
B3		6	23-11-00	12 / 12	2 x 6	Joint 1	Joint 9			
		1-ply	13-02-05		2 x 10	1486	1537	0	0	
C1-GE		1	18-03-08	12 / 12	2 x 6	Joint 2	Joint 11	Joint 12	Joint 13	Joint 14
		1-ply	10-05-12		2 x 6	759	770	-65	329	553
C2		1	18-03-08	12 / 12	2 x 6	Joint 2	Joint 6			
		1-ply	10-05-04		2 x 6	993	993	-31	-31	
C3		1	18-03-08	12 / 12	2 x 6	Joint 1	Joint 5			
		2-ply	10-03-15		2 x 8	6794	7878	-331	-380	
D1-GE		1	11-11-00	12 / 12	2 x 6	Continuous Support				
		1-ply	7-03-08		2 x 6					
E1		3	7-00-00	3 / 12	2 x 6	Joint 2	Joint 4			
		1-ply	2-03-14		2 x 6	320	263	-128	-108	
E2		5	6-00-00	3 / 12	2 x 6	Joint 2	Joint 4			
		1-ply	2-00-14		2 x 6	280	222	-114	-91	
E3-GE		1	6-00-00	3 / 12	2 x 6	Joint 2	Joint 6			
		1-ply	2-00-14		2 x 6	280	222	-164	-133	
G1		9	2-00-00	8 / 12	2 x 6	Joint 2	Joint 6			
		1-ply	2-03-13		2 x 6	137	70	0	-29	
G2		2	2-08-07	5.66 / 12	2 x 6	Joint 2	Joint 3	Joint 4		
		1-ply	2-03-02		2 x 6	201	51	49		
						-15	-39	0		

Roof Trusses										
Label	Profile	Qty	Span	TC Pitch	TC	Reactions				
		Ply	Height	BC Pitch	BC					
H1GE		1	21-11-00	8 /12	2 x 6	Continuous Support				
		1-ply	8-03-08		2 x 6					
H2		4	21-11-00	8 /12	2 x 6	Joint 2	Joint 6			
		1-ply	8-03-08		2 x 6	1068 -57	1068 -57			
H3		1	21-11-00	8 /12	2 x 6	Joint 2	Joint 6			
		1-ply	8-03-08		2 x 6	1068 -57	1014 -44			
J1		9	2-00-00	8 /12	2 x 6	Joint 2	Joint 6			
		1-ply	2-03-13		2 x 6	137 0	70 -29			
P1-GE		1	15-05-00	4 /12	2 x 6	Continuous Support				
		1-ply	3-02-08		2 x 6					
P2		5	15-05-00	4 /12	2 x 6	Joint 2	Joint 4			
		1-ply	3-02-08		2 x 6	655 -78	655 -78			
VC-1		1	16-02-02	12 /12	2 x 4	Joint 1	Joint 5	Joint 7	Joint 6	Joint 9
		1-ply	8-01-01		2 x 4	203 -31	180 0	416 0	543 -194	543 -193
VC-2		1	13-06-02	12 /12	2 x 4	Joint 1	Joint 5	Joint 7	Joint 6	Joint 8
		1-ply	6-09-01		2 x 4	147 -45	128 -20	400 0	429 -166	429 -166
VC-3		1	10-10-02	12 /12	2 x 4	Joint 1	Joint 5	Joint 7	Joint 6	Joint 8
		1-ply	5-05-01		2 x 4	121 -108	109 -88	221 0	356 -171	355 -170
VC-4		1	8-02-02	12 /12	2 x 4	Joint 1	Joint 3	Joint 4		
		1-ply	4-01-01		2 x 4	182 -32	182 -32	234 0		
VC-5		1	5-06-02	12 /12	2 x 4	Joint 1	Joint 3	Joint 4		
		1-ply	2-09-01		2 x 4	117 -21	117 -21	150 0		
VC-6		1	2-10-02	12 /12	2 x 4	Joint 1	Joint 3			
		1-ply	1-05-01		2 x 4	86 -3	86 -3			