



Comtech

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

Reaction Summary

Job #: 251198-A

Product: Roof

Quote Date: 10/27/2025

Customer Information

Weaver Homes, Inc.

Address & Phone
350 Wagoneer Drive
Fayetteville NC 28303
Phone: (919) 606-4696

Builder
Contact

Job Information

Temms Residence

Address
Temms Residence
163 DL Phillips Lane
Broadway NC

Lot Sub-Division

Sales Person Linwood Norris	Customer P.O. No.
Estimator Curtis Quick	Designer Curtis Quick

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		Ply	Span	TC Pitch	BC		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	Joint 1	Joint 17	Joint 22	Joint 13	Joint 2	Joint 18	Joint 24	Joint 14
A1		7	66-10-00	6 /12	2 x 6	717	2605	1761	453	-174	-451	-426	-141
		1-ply	12-04-08		2 x 6								
A1A		2	66-10-00	6 /12	2 x 6	674	2604	1761	453	-154	-451	-426	-141
		1-ply	12-04-03		2 x 6								
A1GE		1	66-10-00	6 /12	2 x 6								
		1-ply	12-04-08		2 x 6								
A2		3	66-10-00	6 /12	2 x 6	603	2287	2013	576	-129	-463	-427	-178
		1-ply	12-04-03		2 x 6								
A3		4	64-04-00	6 /12	2 x 6	700	1756	1934	1013	-134	-573	-439	-311
		1-ply	12-04-08		2 x 6								
A4		2	64-04-00	6 /12	2 x 6	661	1462	2193	1008	-145	-454	-445	-311
		1-ply	12-04-08		2 x 6								
A4A		5	64-04-00	6 /12	2 x 6	459	1728	2145	997	-99	-550	-458	-308
		1-ply	12-04-08		2 x 6								
A4GE		1	64-04-00	6 /12	2 x 6								
		1-ply	12-04-08		2 x 6								
G1		7	20-00-00	9 /12	2 x 6	Joint 2	Joint 4						
		1-ply	8-06-08		2 x 6	1085	1085			-167	-167		
G1GE		1	20-00-00	9 /12	2 x 6								
		1-ply	8-06-08		2 x 6								
P1		4	16-00-00	6 /12	2 x 6	Joint 2	Joint 4						
		1-ply	4-09-08		2 x 6	683	683			-151	-151		
P1GE		1	16-00-00	6 /12	2 x 6	Joint 2	Joint 10						
		1-ply	4-09-08		2 x 6	683	683			-151	-151		
PB1		23	18-00-00	6 /12	2 x 4	Joint 1	Joint 7	Joint 2	Joint 9	Joint 8	Joint 11	Joint 6	Joint 12
		1-ply	4-06-00		2 x 4	84	45	338	265	348	347	324	338
PB1GE		2	18-00-00	6 /12	2 x 4	-114	-103	-108	0	-155	-155	-92	-108
		1-ply	4-06-00		2 x 4	116	143	168	156	172	168	156	172
VA1		1	24-11-00	12 /12	2 x 4	Joint 2	Joint 15	Joint 14	Joint 13	Joint 12	Joint 16	Joint 17	Joint 18
		1-ply	12-05-08		2 x 4	117	0	-72	-67	-77	-71	-68	-75
VA2		1	22-10-04	12 /12	2 x 4	Joint 23							
		1-ply	11-05-08		2 x 4	-13							
Continuous Support													

VA1		1	24-11-00	12 /12	2 x 4	Continuous Support							
		1-ply	12-05-08		2 x 4								
VA2		1	22-10-04	12 /12	2 x 4								
		1-ply	11-05-08		2 x 4								

Roof Trusses

Label	Profile	Qty	Span	TC Pitch	TC	Reactions							
		Ply	Height	BC Pitch	BC	Joint 1	Joint 7	Joint 10	Joint 9	Joint 8	Joint 12	Joint 13	Joint 18
VA3		1	20-10-04	12 /12	2 x 4	232	0	666	420	308	415	324	0
		1-ply	10-05-08			-215	-1	-52	-312	-217	-334	-174	-1
VA4		1	18-10-04	12 /12	2 x 4	220	0	494	419	292	427	288	0
		1-ply	9-05-08			-197	-1	-55	-313	-187	-351	-80	-1
VA5		1	16-10-04	12 /12	2 x 4	137	1	614	465	466	1		
		1-ply	8-05-08			-135	-1	0	-342	-332	-1		
VA6		1	14-10-04	12 /12	2 x 4	166	129	286	412	405			
		1-ply	7-05-08			-61	-11	0	-286	-280			
VA7		1	12-10-04	12 /12	2 x 4	147	114	238	371	364			
		1-ply	6-05-08			-66	-22	0	-259	-253			
VA8		1	10-10-04	12 /12	2 x 4	131	104	209	361	352			
		1-ply	5-05-08			-93	-54	0	-249	-241			
VA9		1	8-10-04	12 /12	2 x 4	71	71	635					
		1-ply	4-05-08			-17	-17	-230					
VA10		1	6-10-04	12 /12	2 x 4	71	71	449					
		1-ply	3-05-08			0	0	-148					
VA11		1	4-10-04	12 /12	2 x 4	64	64	281					
		1-ply	2-05-08			-2	-5	-79					
VA12		1	2-10-04	12 /12	2 x 4	114	114						
		1-ply	1-05-08			-20	-20						
VP1		1	15-08-09	6 /12	2 x 4	100	100	349	365	365			
		1-ply	3-11-08			-17	-17	-6	-156	-155			
VP2		1	11-08-09	6 /12	2 x 4	93	93	845					
		1-ply	2-11-08			-24	-29	-162					
VP3		1	7-08-09	6 /12	2 x 4	81	81	503					
		1-ply	1-11-08			-17	-25	-94					
VP4		1	3-08-09	6 /12	2 x 4	148	148						
		1-ply	11-08			-31	-31						