



TIE-DOWN TABLES				
HEADER STRAPPING				
Uplift Lbs	Top Connector	Rating Lbs	Bottom Connector	Rating Lbs
to 455	LS7A19	925	H3	320
to 910	LS7A12	795	2-H3	640
to 1365	LS7A19	1110	L7T9	1305
to 1790	2-LS7A12	1810	L7T20	1790
to 2230	2-LS7A19	2530	H2A-2.5	2185
to 2685	2-LS7A19	3235	H2A-3.5	2885
to 3700	2-LS7A24	3880	H2A-3	3130
Total uplift on all tie-downs shall be less than the available uplift capacity of the tie-downs. The tie-downs shall be installed in accordance with the manufacturer's instructions. The tie-downs shall be installed in accordance with the manufacturer's instructions. The tie-downs shall be installed in accordance with the manufacturer's instructions.				

TRUSSES \ GIRDERS			
Uplift Lbs	Top Connector	Bottom Connector	Rating Lbs
to 535	H2.5A	NA	
to 1015	H10A	NA	
to 1315	T322	L7T9	1305
to 1790	2-T322	L7T20	1790
to 2270	2-T322	H2A	2775
to 3485	2-T322	H2A	4010
to 5420	2-H2T37	H7T22	5290
to 9840	2-H2T37	H210A	9840
Two 1/2" dia. girders, 1/2" thick, are required per truss for each tie-down. The tie-downs shall be installed in accordance with the manufacturer's instructions. The tie-downs shall be installed in accordance with the manufacturer's instructions. The tie-downs shall be installed in accordance with the manufacturer's instructions.			

PREFABRICATED WOOD TRUSSES			
BEAM SEAT	TOP CONNECTOR	RATING LBS	BOTTOM CONNECTOR
POSTS	LS7A19	1110	L7T9
		2220	AB144
			2200

1. ALL PREFABRICATED TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS PER TRUSS ENG. REQ.
2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE NDS AS RECOMMENDED BY THE NFPA.
3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAX. ALLOWABLE STRESS INCREASE FOR ALL LOADS) TO WITHSTAND ALL APPLIED LOADS.
4. BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE SPECIFIED BY THE TRUSS MANF.
5. TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY.
6. DESIGN SPECIFICATION FOR LIGHTWEIGHT METAL PLATE CONNECTED TRUSSES SHALL BE USED.
7. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE TRUSS MANF. IN ACCORDANCE WITH SPECIFIED LOADS AND THE GOVERNING CODES.
8. THE TRUSS MANF. SHALL DETERMINE ALL SPANS, BEARING POINTS AND BRACING REQUIREMENTS. THE TRUSS MANF. SHALL PROVIDE ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS CONNECTORS.

1. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS, OR SIMILAR DEVICES SHALL BE USED TO SECURELY FASTEN TRUSSES TO SUPPORTING WALLS OR BEAMS. THE CONNECTORS SHALL BE INSTALLED IN WALLS THAT ARE EXPOSED TO UPLIFT FORCES. INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES. THE MEMBERS OF THESE WALLS MAY NOT NEED TO HAVE CONNECTORS APPLIED. CONSULT THE TRUSS MANF. FOR UPLIFT CAPACITIES OF THE TRUSS CONNECTORS SPECIFIED BY THE TRUSS MANF. SHALL BE VERIFIED BY THE CONTRACTOR TO EXCEED THE LOADS IN THE SIGNED AND SEALED TRUSS ENGINEERING.

ROOF VENT CALCS
TOTAL S.F. 3132
VENT AREA 5/2
VENT REQ 7:1

ROOF LAYOUT

SCALE: 1/4"=1'-0"

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