



TIE-DOWN TABLES

HEADER STRAPPING				
Uplift Lbs	Top Connector	Rating Lbs	Bottom Connector	Rating Lbs
to 455	LS7A19	635	H3	320
to 910	LS7A12	795	2-H3	640
to 1265	LS7A18	1110	L7T19	1305
to 1760	2-LS7A12	1610	L7T20	1795
to 2330	2-LS7A19	2330	HD2A-2.5	2185
to 2885	3-LS7A19	3255	HD2A-3.5	2885
to 3700	3-LS7A24	3860	HD2A-3	3700

Two 1/2" x 6" x 10" bolts are required per truss for each tie-down. The tie-downs shall be installed in accordance with the manufacturer's instructions. Use proper bolt torque sufficient to support required uplift loads.

TRUSSES \ GIRDERS			
Uplift Lbs	Top Connector	Bottom Connector	Rating Lbs
to 235	H25A	NA	
to 1015	H10A	NA	
to 1219	T82	L7T19	1305
to 1760	2-T82	L7T20	1795
to 2370	2-T82	HD2A	2775
to 2660	3-T82	HD2A	4010
to 3450	2-LS717	H7T22	5250
to 3660	2-LS717	HD1A	9540

Two 1/2" x 6" x 10" bolts are required per truss for each tie-down. The tie-downs shall be installed in accordance with the manufacturer's instructions. Use proper bolt torque sufficient to support required uplift loads.

BEAM BEAMS	TOP CONNECTOR	RATING LBS	BOTTOM CONNECTOR	RATING LBS
POSTS	LS7A19	1110	L7T19	1305
	2-LS7A19	2220	ABU44	2300

1. Strapping or equivalent hardware may be used.
2. The strapping or equivalent hardware shall be installed in accordance with the manufacturer's instructions.
3. The strapping or equivalent hardware shall be installed in accordance with the manufacturer's instructions.
4. The strapping or equivalent hardware shall be installed in accordance with the manufacturer's instructions.

ROOF VENT CALCS	
SF	2716
VENT AREA	600
VENT REQ	7/3
VENT REQ	6

PREFABRICATED WOOD TRUSSES

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 MANUFACTURER.
3. THE STUD MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAX. ALLOWABLE STRESS INCREASE FOR ALL LOAD DURATIONS OF TPI RECOMMENDATIONS).
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 WOOD TRUSSES PER TPI.
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 SIMILAR CONDITIONS. TRUSS SHOP DRAWINGS SHALL SHOW ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS CONNECTIONS.
9. TRUSS CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE REQUIRED ON MEMBERS IN WALLS THAT ARE EXPOSED TO UPLIFT FORCES. INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES. TRUSS MANF. SHALL DETERMINE WHICH WALLS HAVE CONNECTORS APPLIED. CONSULT THE TRUSS MANF. FOR THE LOCATION OF THESE WALLS.
10. THE CAPACITIES OF THE TRUSS CONNECTORS SPECIFIED BY TRUSS MANF. SHALL BE VERIFIED BY THE CONTRACTOR TO EXCEED THE LOADS IN THE SIGNED AND SEALED TRUSS ENGINEERING.

ROOF LAYOUT

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

DWC CONSTRUCTION

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