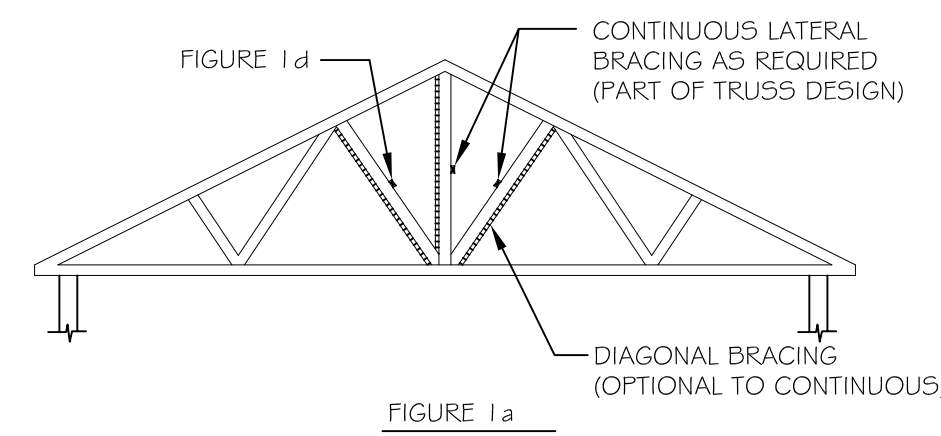
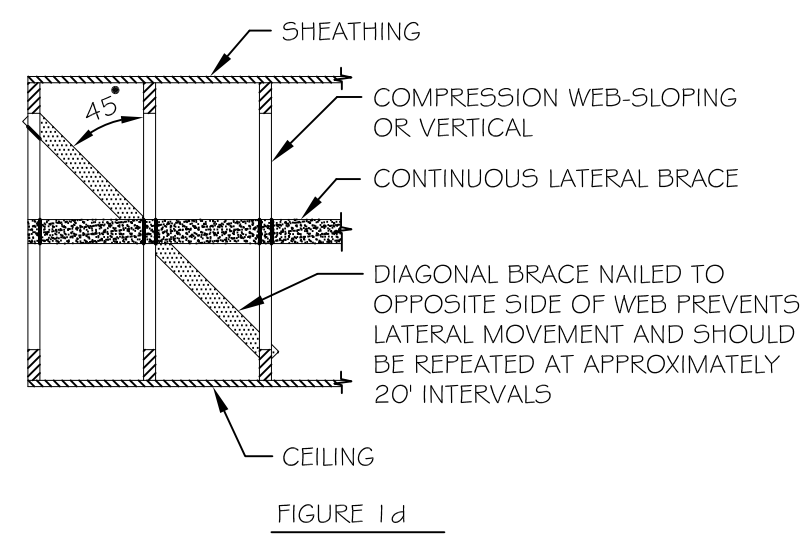


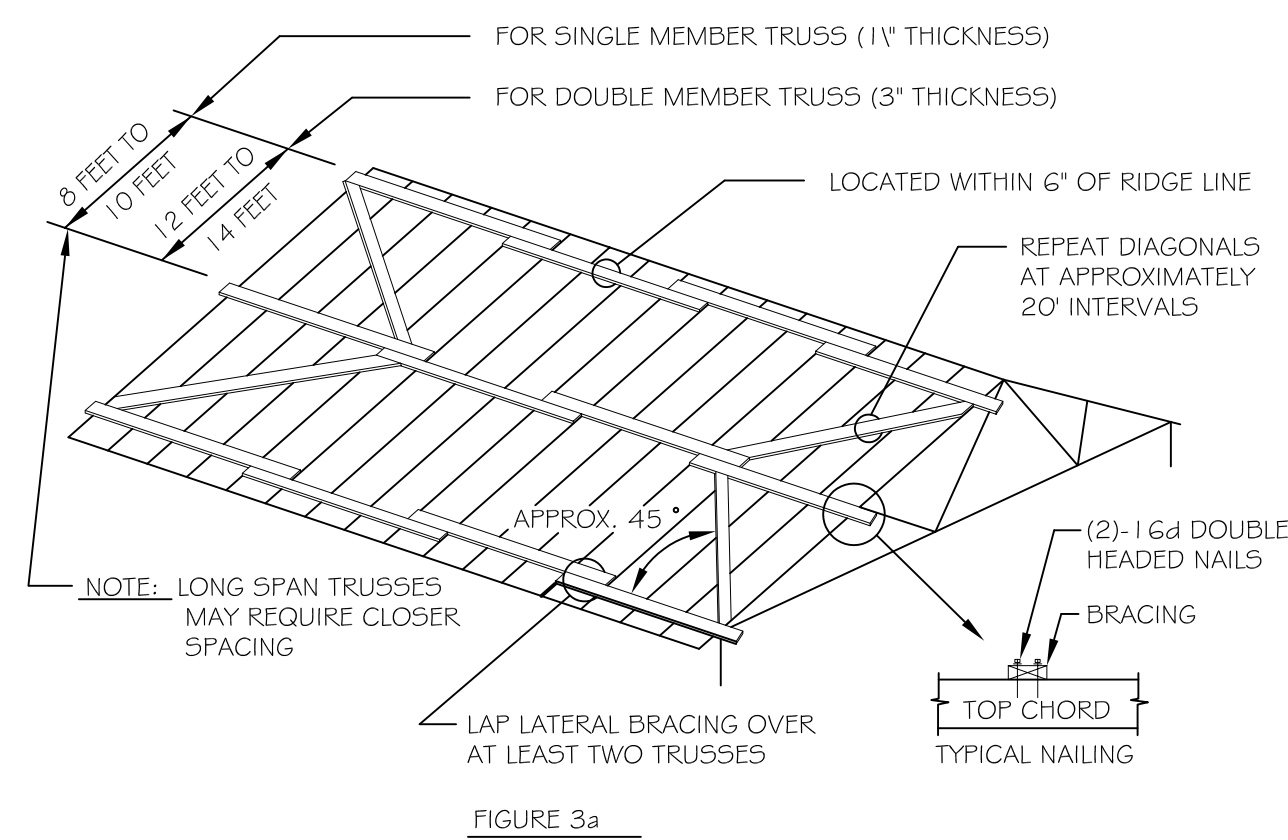
1. PROVIDE LATERAL BRACING FOR INDIVIDUAL TRUSS MEMBERS AS REQUIRED BY APPROVED SHOP DRAWINGS. MINIMUM BRACING IS 2"x4"



2. PROVIDE DIAGONAL BRACING AT END WALLS OR INTERMEDIATE LOCATIONS TO PREVENT MULTIPLE BUCKLING OF COMPRESSION MEMBERS HAVING "CONTINUOUS" LATERAL BRACING.



3. PROVIDE TEMPORARY BRACING FOR TOP CHORD OF TRUSSES UNTIL PLYWOOD SHEATHING CAN BE INSTALLED.

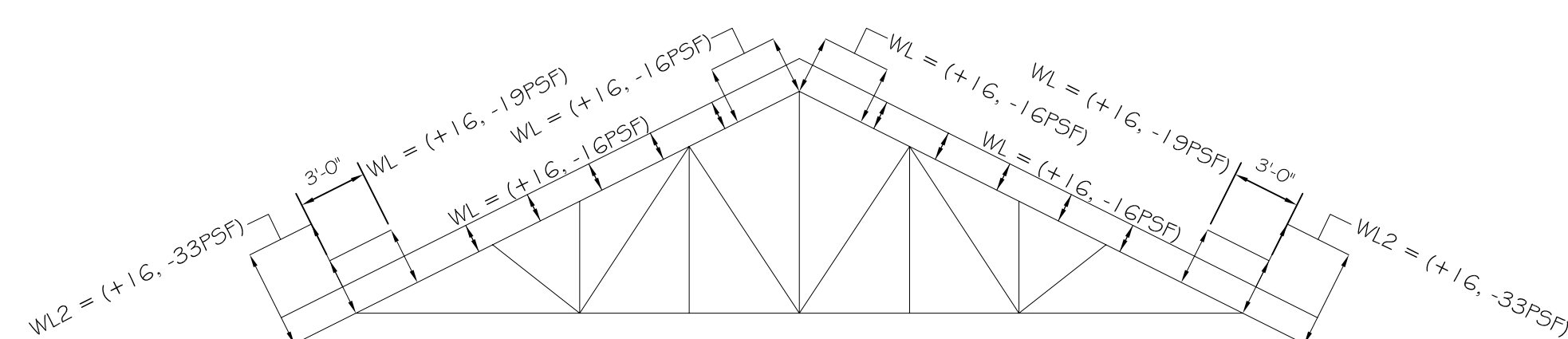
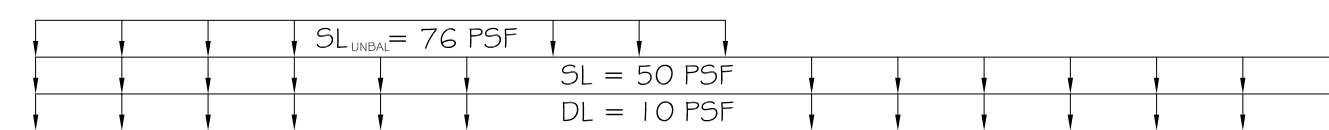


NOTES:

1. DURING TRUSS ERECTION, THE BUILDER OR ERECTION CONTRACTOR MUST TAKE ADEQUATE PRECAUTIONS TO ASSURE THAT THE WOOD TRUSSES ARE NOT STRUCTURALLY DAMAGED. PROPER RIGGING, INCLUDING THE USE OF SPREADER BARS AND MULTIPLE PICK-UP POINTS, WHERE REQUIRED, IS NECESSARY TO PREVENT DAMAGE DURING HANDLING. TENTATIVE RECOMMENDATIONS IN THE APPENDIX HERETO.
2. IT IS MOST IMPORTANT TO BRACE THE FIRST TRUSS AT THE END OF THE BUILDING SECURELY. ALL OTHER TRUSSES ARE TIED TO THE FIRST TRUSS, THUS THE BRACING SYSTEM DEPENDS TO A GREAT EXTENT ON HOW WELL THE FIRST TRUSS IS BRACED.
3. ONE SATISFACTORY METHOD IS FOR THE FIRST TRUSS TOP CHORD TO BE BRACED TO A STAKE DRIVEN INTO THE GROUND AND SECURELY ANCHORED. THE GROUND BRACE ITSELF SHOULD BE SUPPORTED AS SHOWN IN FIGURE 2 OR IT IS APT TO BUCKLE. ADDITIONAL GROUND BRACES, IN THE OPPOSITE DIRECTION, INSIDE THE BUILDING ARE ALSO RECOMMENDED.

LATERAL TRUSS BRACING DETAILS

N.T.S.



LOAD COMBINATIONS

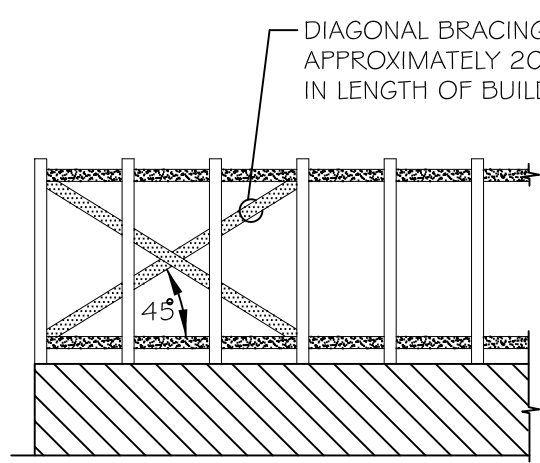
1. DL + SL
2. DL + 0.75SL + 0.75WL
3. DL + WL

NOTES

1. FOR LOAD COMBOS W/ SL CHECK UNIFORM & UNBALANCED LOADING
2. PROVIDE PE STAMPED TRUSS DESIGN CALCULATIONS W/ LOAD COMBINATIONS



4. PROVIDE PERMANENT DIAGONAL BRACING FOR WEB MEMBERS WHICH HAVE CONTINUOUS LATERAL BRACING.

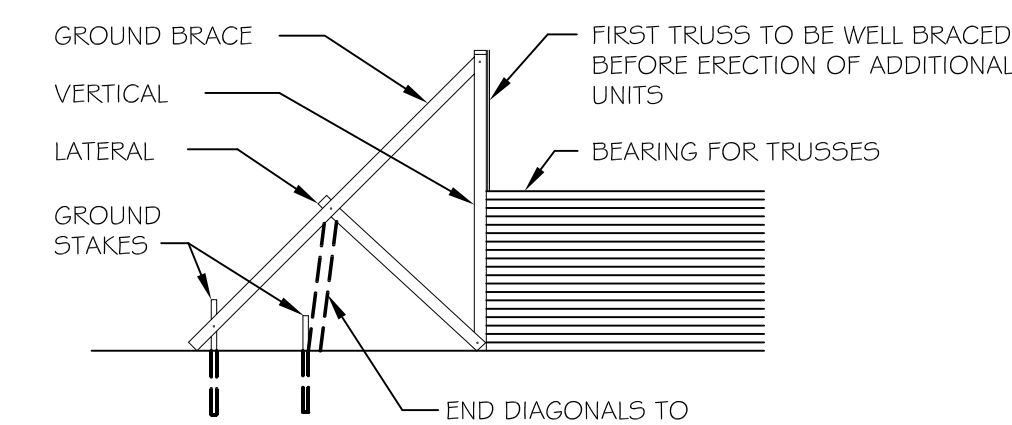
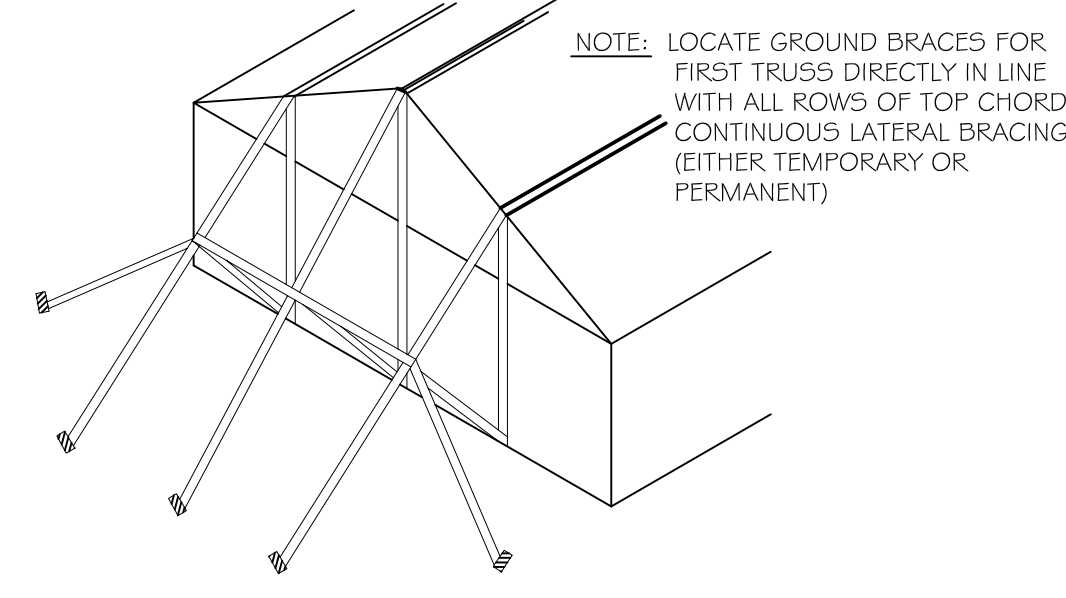
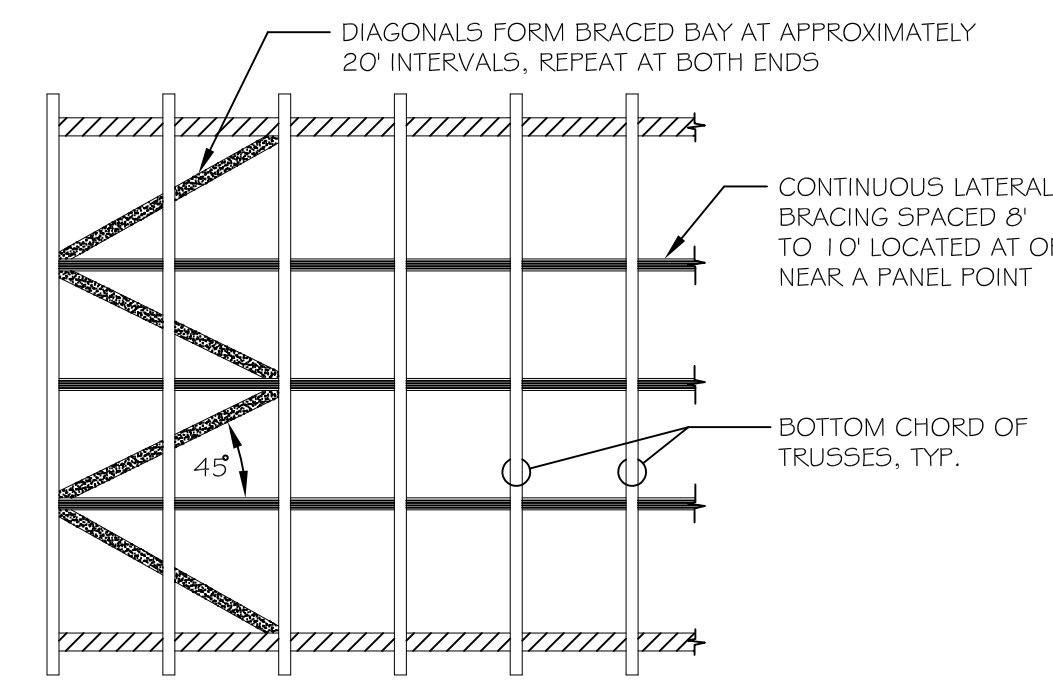


ADDED DIAGONAL BRACING IN THE PLANE OF THE WEB MEMBERS, PREVENTS LATERAL MOVEMENT

SPACE: 12 FEET TO 16 FEET ON CENTER ACROSS BUILDING FOR ROOFS

SPACE: 8 FEET ON CENTER ACROSS BUILDING FOR FLOORS

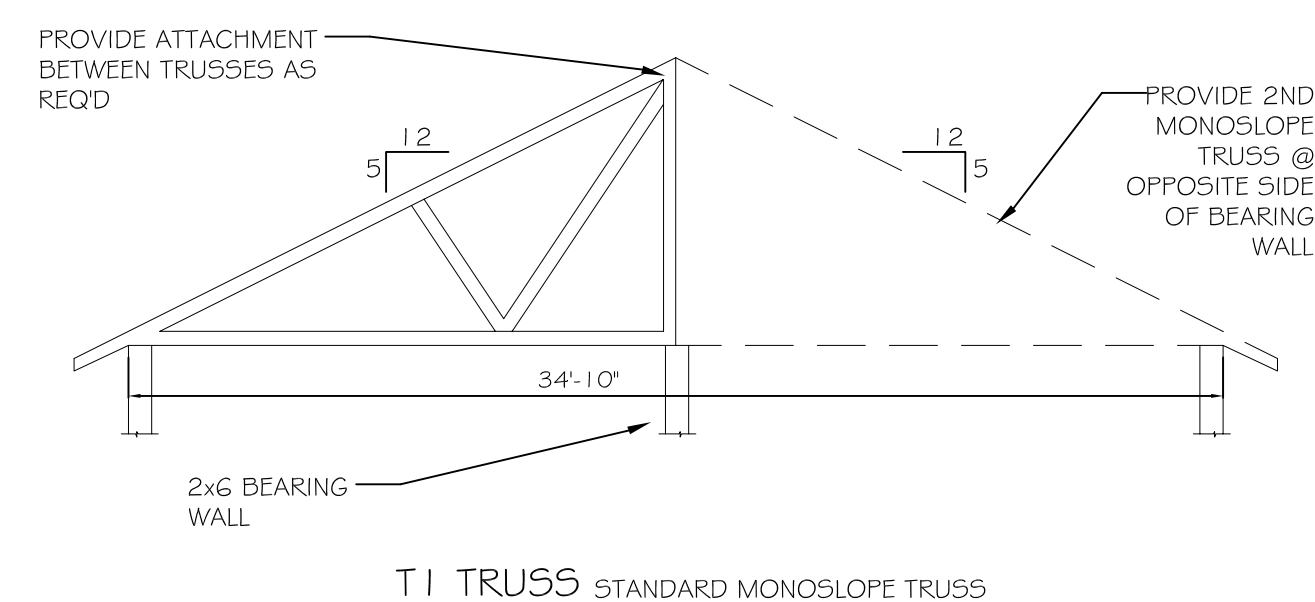
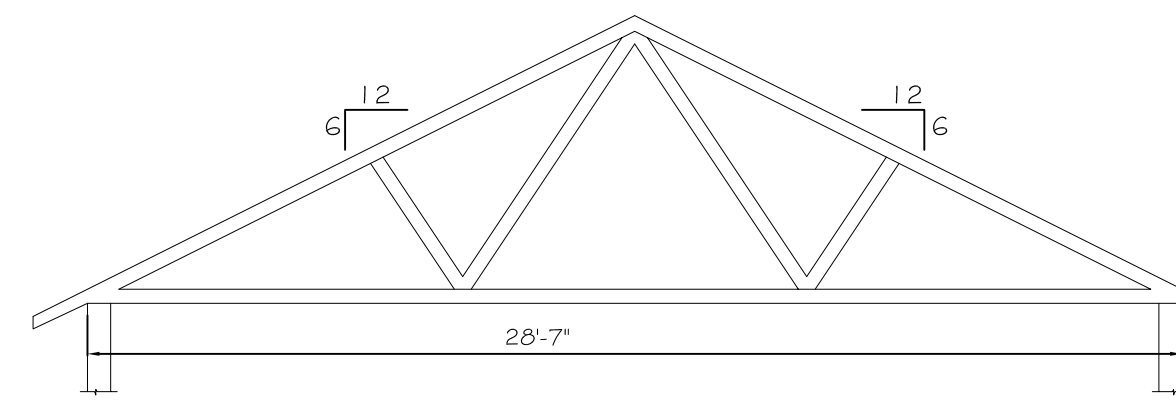
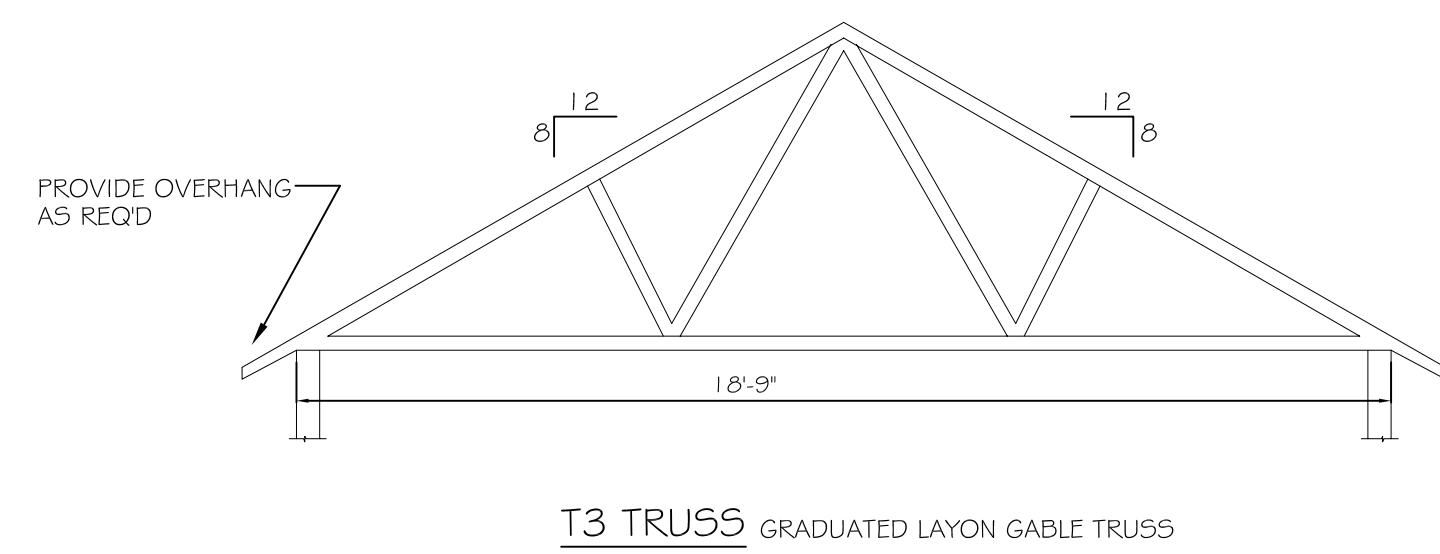
5. PROVIDE PERMANENT CONTINUOUS LATERAL AND DIAGONAL BRACING FOR BOTTOM CHORDS OF TRUSSES. PROVIDE ONE COMPLETE BAY OF DIAGONAL BRACING AT EACH END OF BUILDING AND ONE ADDITIONAL ROW AT MIDPOINT OF BUILDING. MAXIMUM SPACING FOR CONTINUOUS LATERAL BRACING SHALL NOT EXCEED 10' ON CENTER.



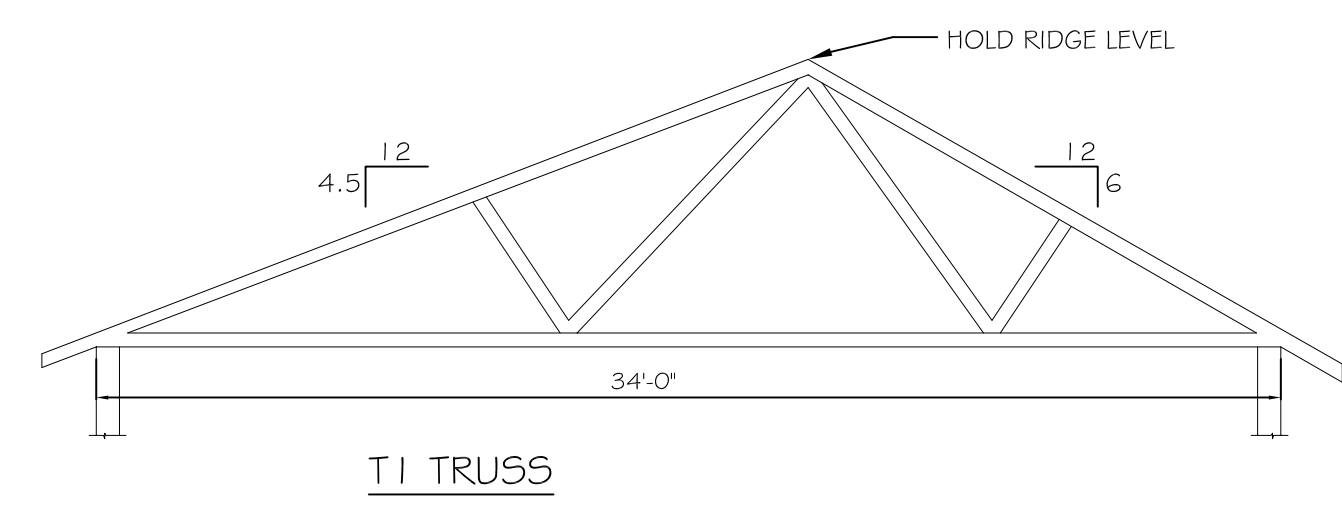
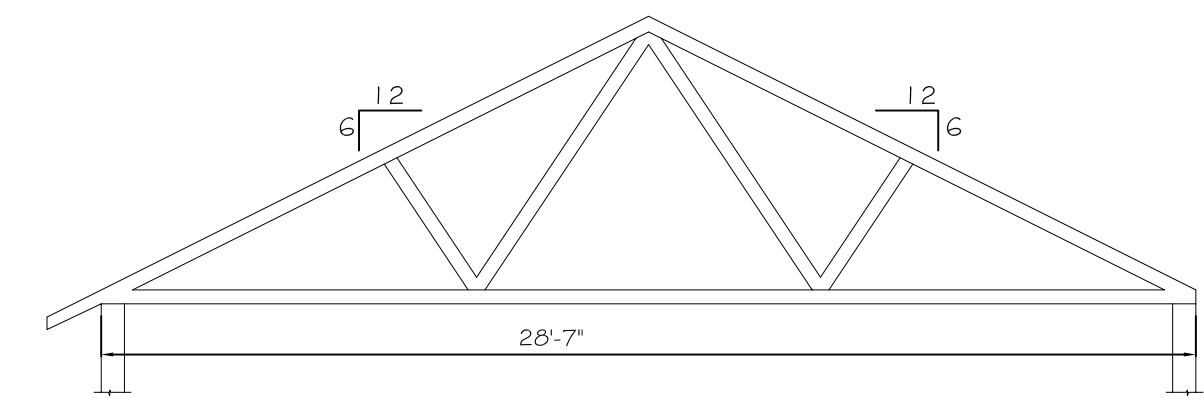
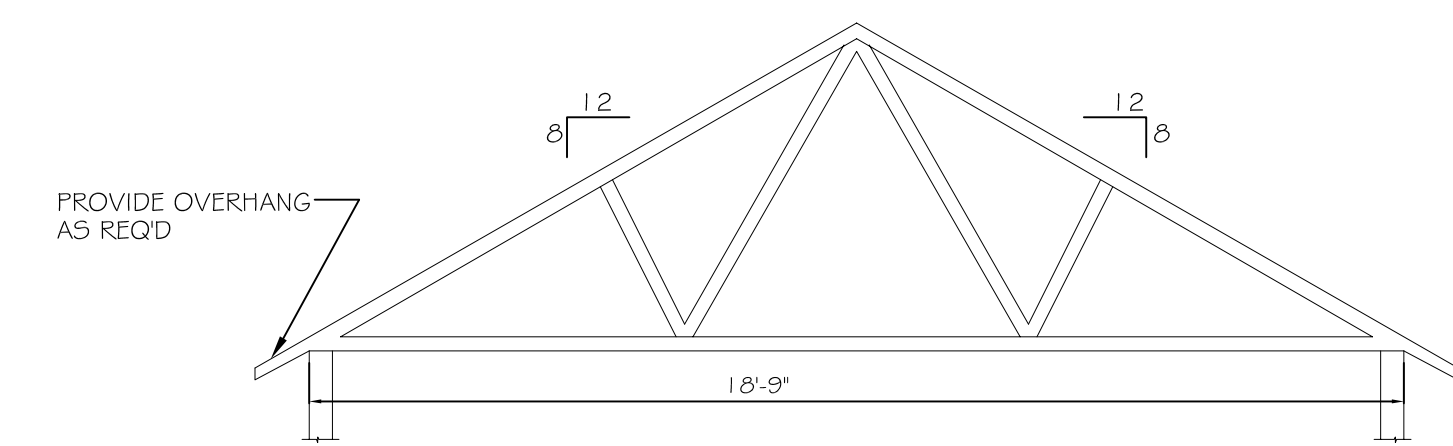
WOOD TRUSS NOTES:

1. DESIGN CODES:
 - A. NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
 - B. DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES (TPI-2002).
2. TRUSS MEMBERS: NO. 2 OR BETTER, 15% MAXIMUM MOISTURE CONTENT.
3. TRUSS TEMPORARY BRACING: COMPLY WITH THE NEW BC51 1-03 FROM THE WOOD TRUSS COUNCIL OF AMERICA AND TRUSS PLATE INSTITUTE * GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES*. TRUSSES ARE NOT STABLE AND REQUIRE TEMPORARY SUPPORT UNTIL TOP CHORD PLYWOOD AND PERMANENT BRACING IS INSTALLED.
4. TRUSS PERMANENT BRACING: INSTALL PERMANENT BRACING IN ACCORDANCE WITH BC51-1-03 *GUIDE TO GOOD PRACTICE FOR - HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES* AND AS FOLLOWS:
 - A. PERMANENT BRACING REQUIRED BY TRUSS DESIGN: PROVIDE 2x4(min) CONTINUOUS LATERAL BRACING AND DIAGONAL BRACING AT ALL CONTINUOUS LATERAL BRACE LOCATIONS REQUIRED BY THE TRUSS FABRICATOR. PROVIDE DIAGONAL BRACING AS SHOWN IN FIGURE B2-32 OF BC51-1-03 AT EACH END OF THE BUILDING AND AT INTERVALS NOT TO EXCEED 20 FEET.
 - B. PERMANENT BOTTOM CHORD BRACING: PROVIDE 2x4(min) CONTINUOUS LATERAL BRACING AT 8'-10 FOOT (MAXIMUM) INTERVALS (AT ALL PANEL POINTS) ALONG LENGTH OF TRUSS. PROVIDE DIAGONAL BRACING AS SHOWN IN FIGURE B2-33 OF BC51-1-03 AT EACH WING OF THE BUILDING AND AT INTERVALS NOT TO EXCEED 20 FEET.
 - C. PERMANENT WEB MEMBER BRACING: PROVIDE 2x4(min) CONTINUOUS LATERAL BRACING AT TOP AND BOTTOM OF TRUSSES AND DIAGONAL BRACING AT INTERIOR LINES OF SUPPORT AND AT 16 FOOT (MAXIMUM) INTERVALS ALONG THE LENGTH OF THE TRUSS AS SHOWN IN FIGURES B2-31 & B2-33 OF BC51-1-03. PROVIDE DIAGONAL BRACING AT EACH END OF WING OF THE BUILDING AND AT INTERVALS NOT TO EXCEED 20 FEET.
 - D. PERMANENT TOP CHORD BRACING IS NOT REQUIRED. ADEQUATE BRACING IS PROVIDED BY ROOF PLYWOOD.
 - E. PROVIDE CONSTRUCTION GRADE OR BETTER GRADE 2x4's (min), NO. 2 OR BETTER 2x6's FOR BRACING. CONNECT BRACING TO TRUSS WITH AT LEAST 2-16d NAILS. PROVIDE LAP SPICES OVER AT LEAST 2 TRUSSES.

ALTERNATIVE TRUSS ELEVATIONS



TRUSS ELEVATIONS



ASSOCIATED DESIGN PARTNERS INC.

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PROJECT: **JARITA COURT CONDO**
LANE AVENUE, PORTLAND
FOR: LOU WOOD

SHEET TITLE: **TRUSS ELEVATION AND DESIGN TRUSS BRACING DETAILS**
ISSUED FOR CONSTRUCTION

REVISIONS	DESCRIPTION	DATE
No.	BY	
1		
2		
3		
4		

DATE : 01/04/05
SCALE : NTS
DESIGN BY: JAT
DRAWN BY: AL
FILE #: 02102.S203.DWG
PROJECT NUMBER:
02102
SHEET NO:
S203