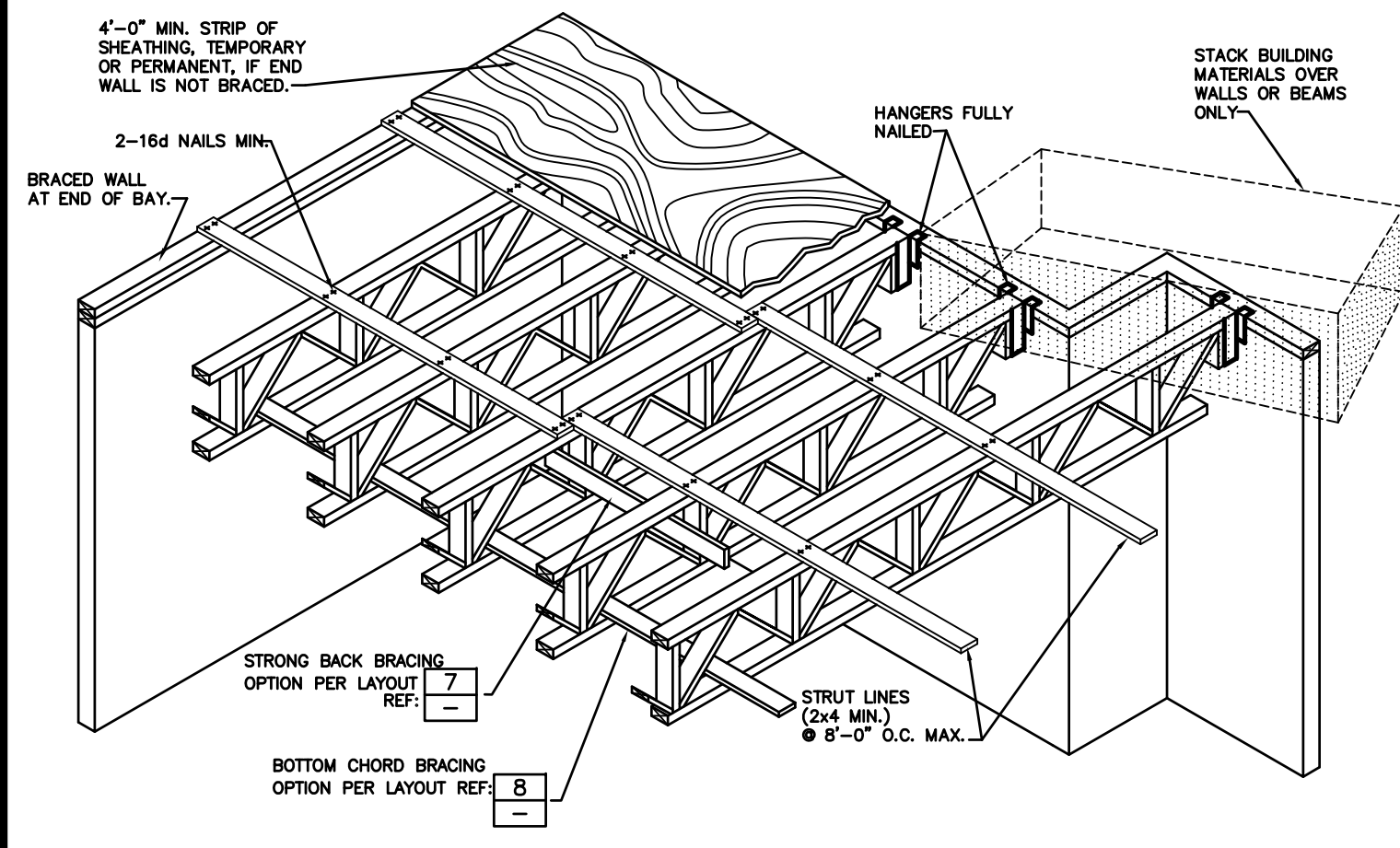
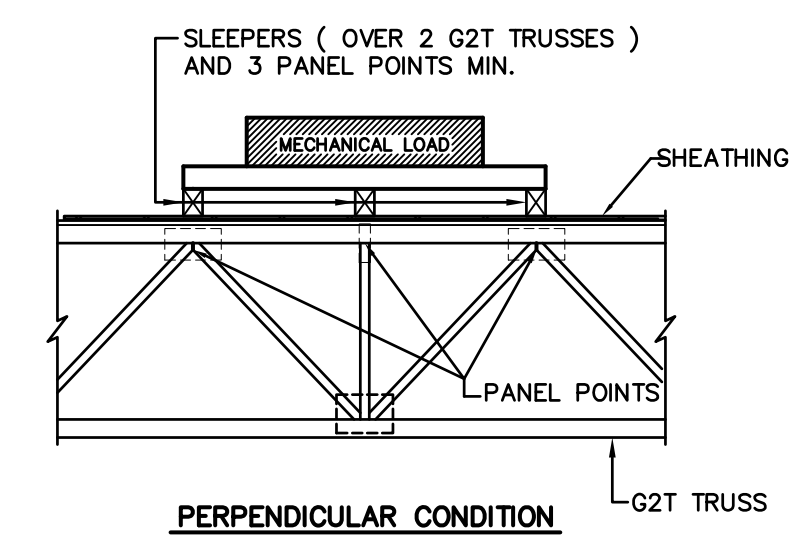
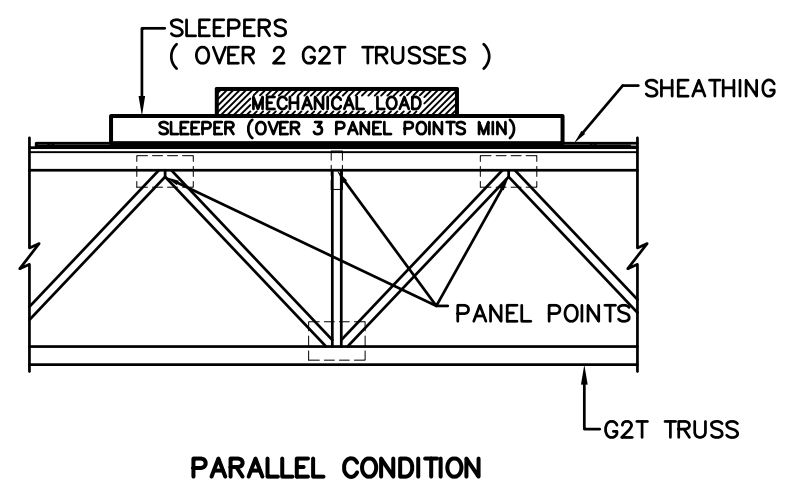


ATTENTION

NO ONE SHOULD BE ALLOWED ON ANY G2T JOIST UNTIL ALL HANGERS & CROSS BRIDGING, IF REQ'D, AND TEMPORARY BRACING ARE IN PLACE AND NAILED SECURELY. SERIOUS ACCIDENTS MAY OCCUR UNLESS CARE IS TAKEN TO PROPERLY BRACE DURING CONSTRUCTION. THIS DETAIL SHOULD BE USED AS A GUIDELINE FOR BRACING.



1 ERECTION BRACING

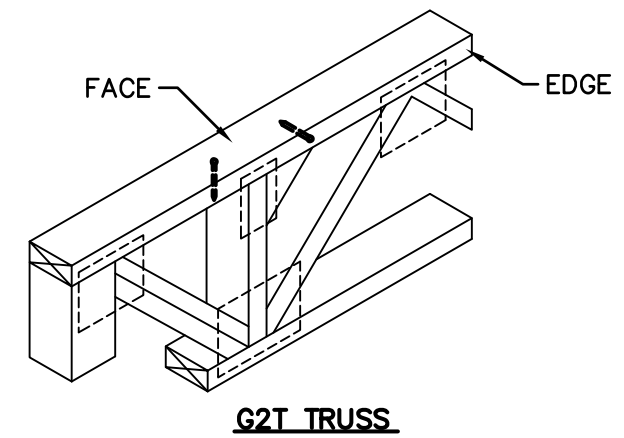


- NOTES**
- COORDINATE MECHANICAL LOCATIONS WITH LAYOUT AND G2T CALCULATIONS
 - SLEEPERS MUST BE LOCATED AT PANEL POINTS

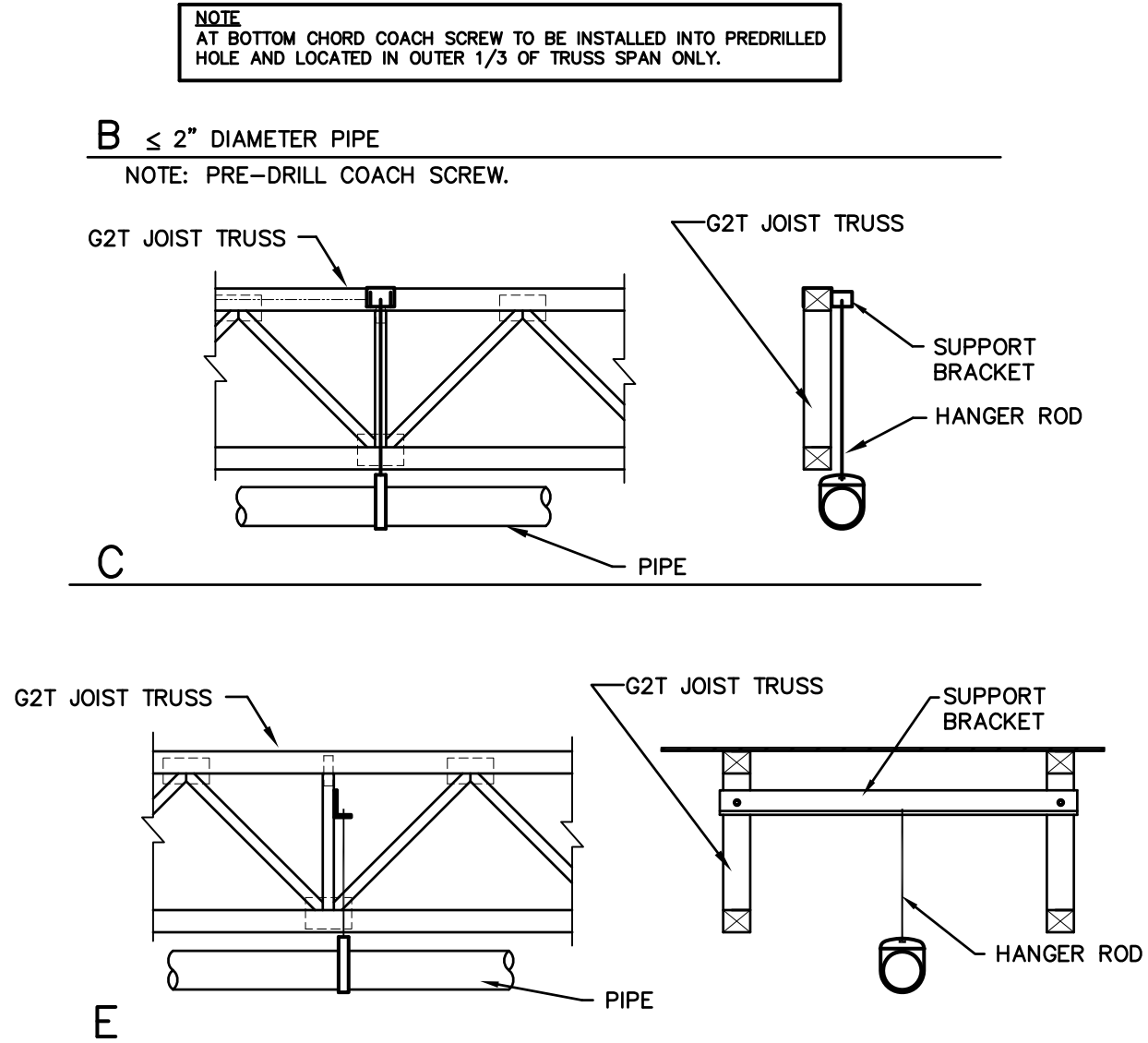
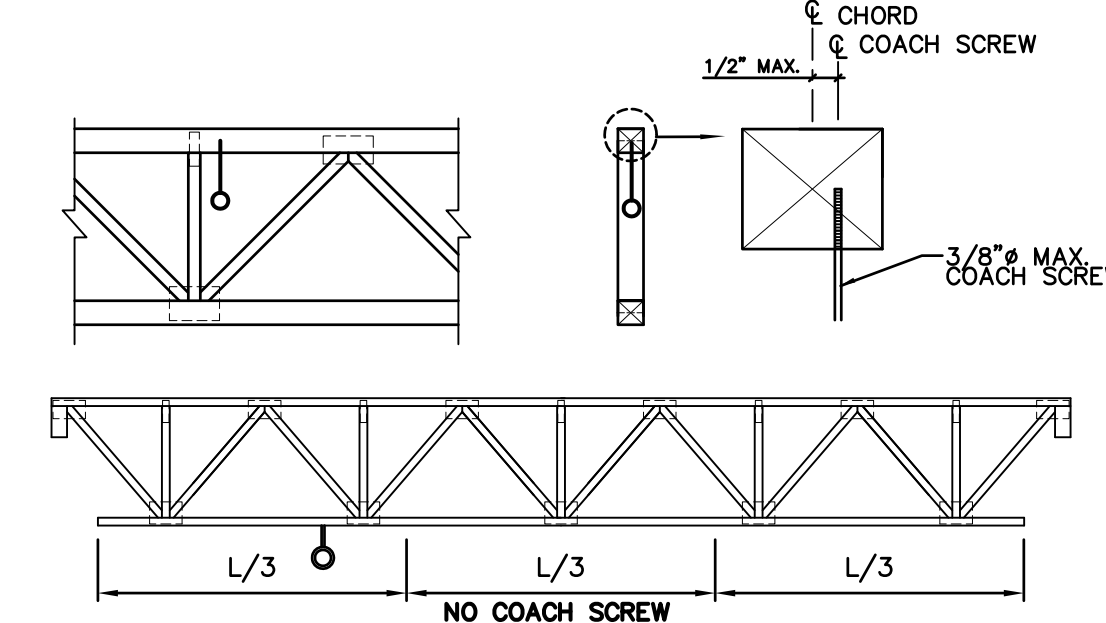
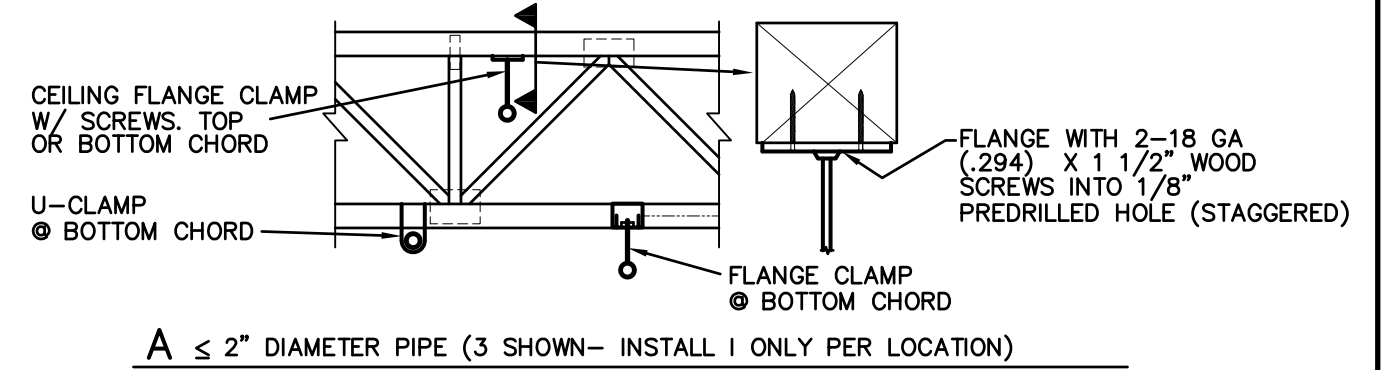
2 MECHANICAL LOADS ON G2T TRUSSES

G2T TRUSS NAILING CHART
(MINIMUM ON CENTER SPACING)

NAIL TYPE	NAIL SIZE	MSR (M)		LSL (L)		LVL (V)	
		FACE	EDGE	FACE	EDGE	FACE	EDGE
8d	BOX COMMON 0.113"x2 1/2"	2"	2"	3"	3"	1"	2"
10d	BOX COMMON 0.128"x3"	2"	2"	3"	3"	1"	3"
12d	BOX COMMON 0.148"x3 1/4"	3"	2"	3"	3"	1"	3"
16d	BOX COMMON 0.148"x3 1/4"	3"	4"	3"	4"	2"	4"
	COMMON 0.162"x3 1/2"	4"	6"	3"	6"	2"	6"

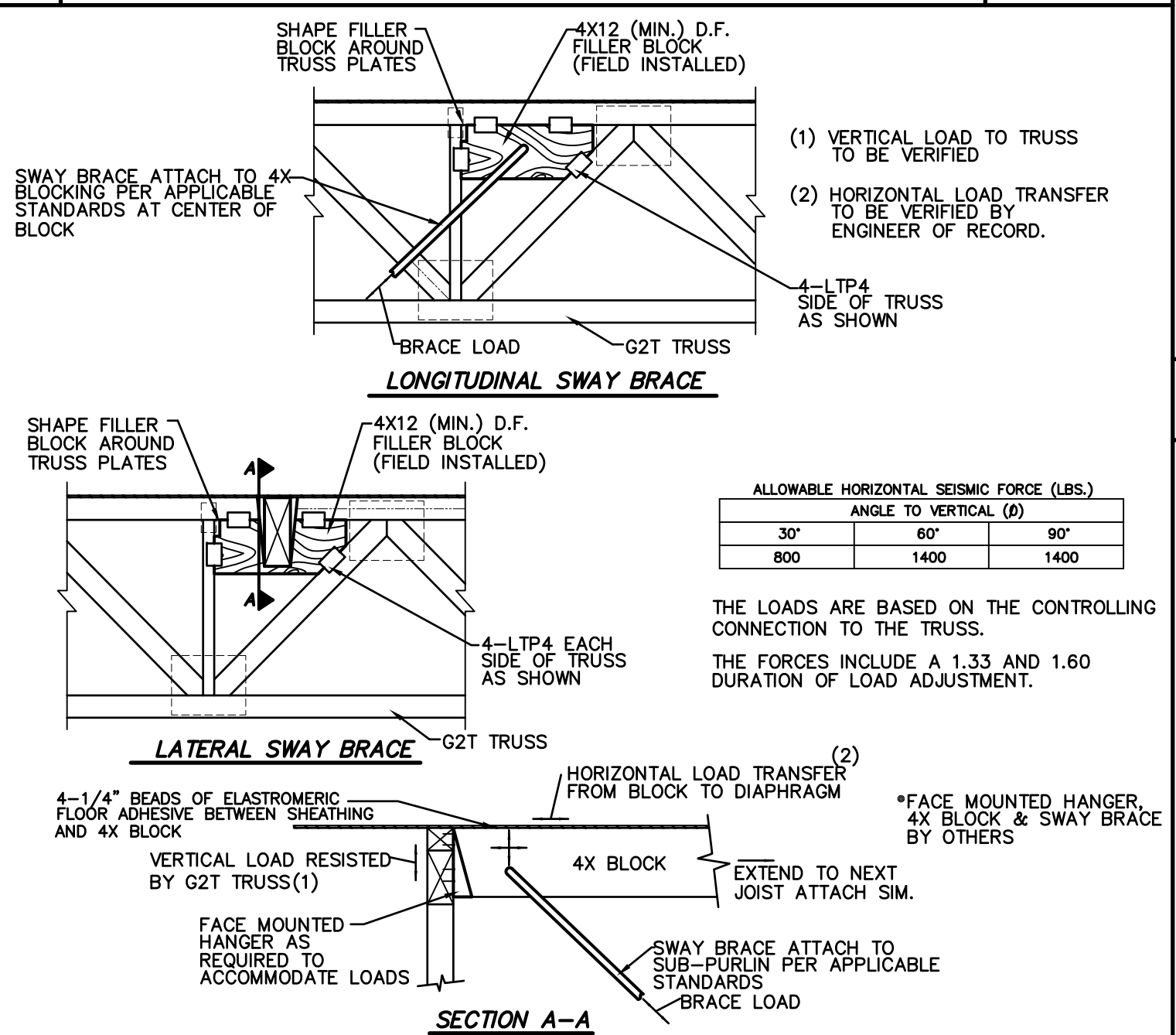


3 NAILING CHART

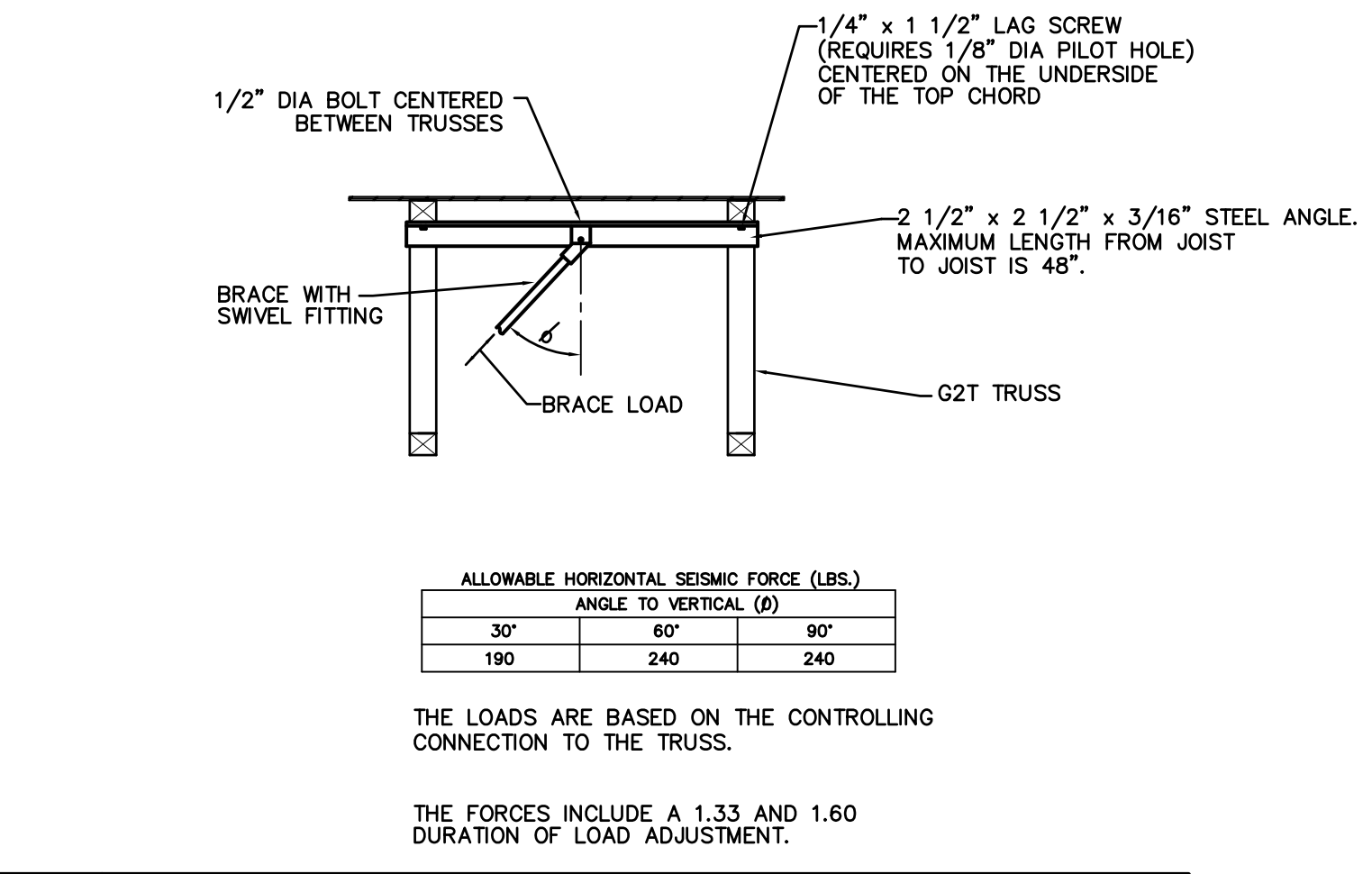


- NOTES:**
- WOOD SCREWS WITH A MAXIMUM DIAMETER OF 1/8" MAY BE USED ANYWHERE ON THE TOP CHORD OF THE PCT TRUSS WITH A PRE-DRILLED PILOT HOLE, UNLESS NOTED OTHERWISE ON PLANS.
 - DO NOT DRILL HOLES, DRIVE HEAVY SCREWS, OR USE LAG BOLTS IN THE BOTTOM CHORD OF G2T TRUSS, EXCEPT AS NOTED.
 - COORDINATE ATTACHMENT OF SPRINKLER PIPE GREATER THAN 3" DIAMETER AND LARGER WITH G2T TRUSS LAYOUT AND CALCULATIONS. IT IS ASSUMED THAT THE ENGINEER OF RECORD HAS ALLOWED FOR BRANCH SPRINKLER LINES 3" DIAMETER AND LESS IN THE DESIGN DEAD LOAD.
 - ALL SPRINKLER AND SPRINKLER ATTACHMENTS INCLUDING WOOD SUPPORTS ARE TO BE FURNISHED AND INSTALLED BY OTHERS.

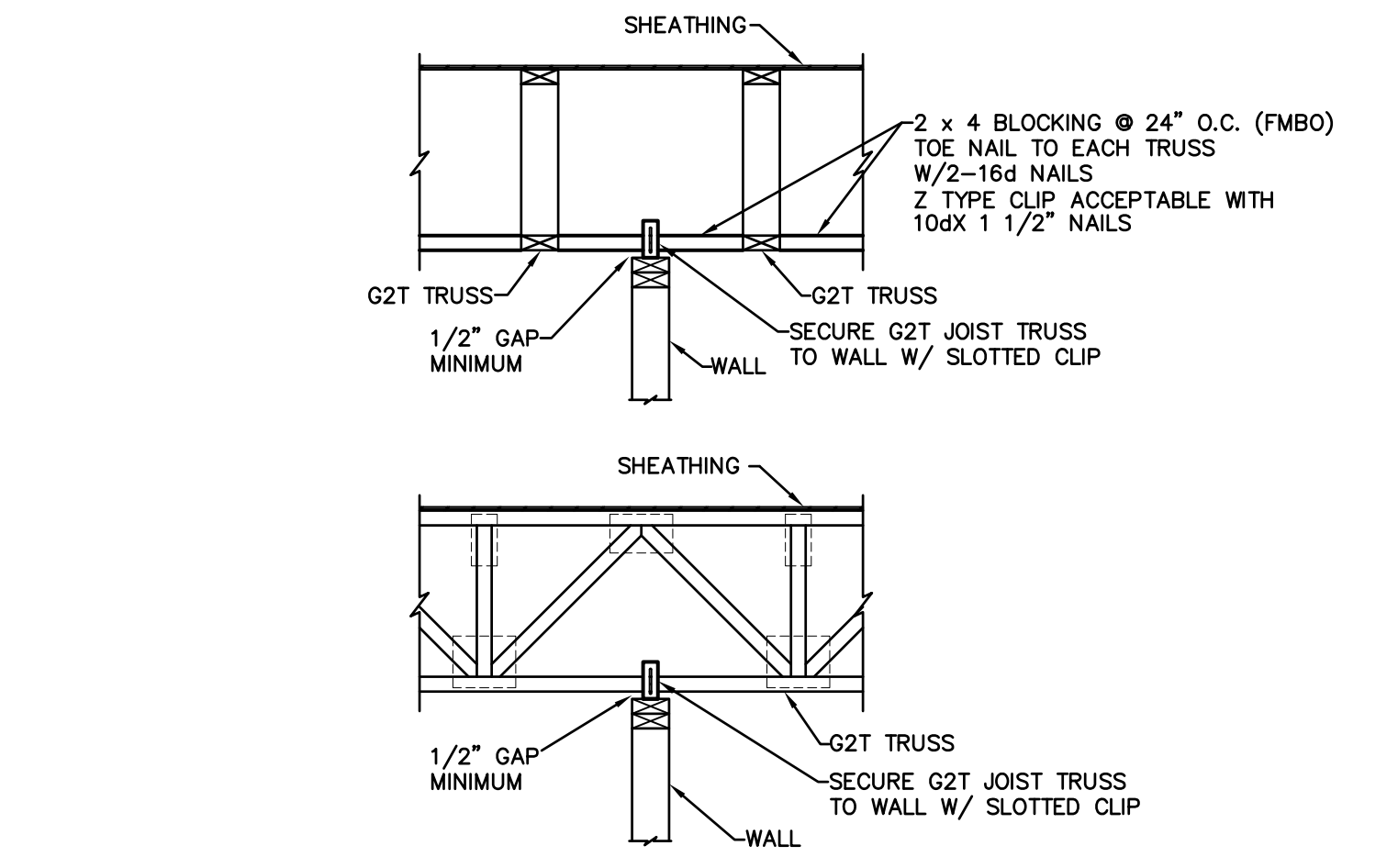
4 FIRE SPRINKLER ATTACHMENT DETAIL



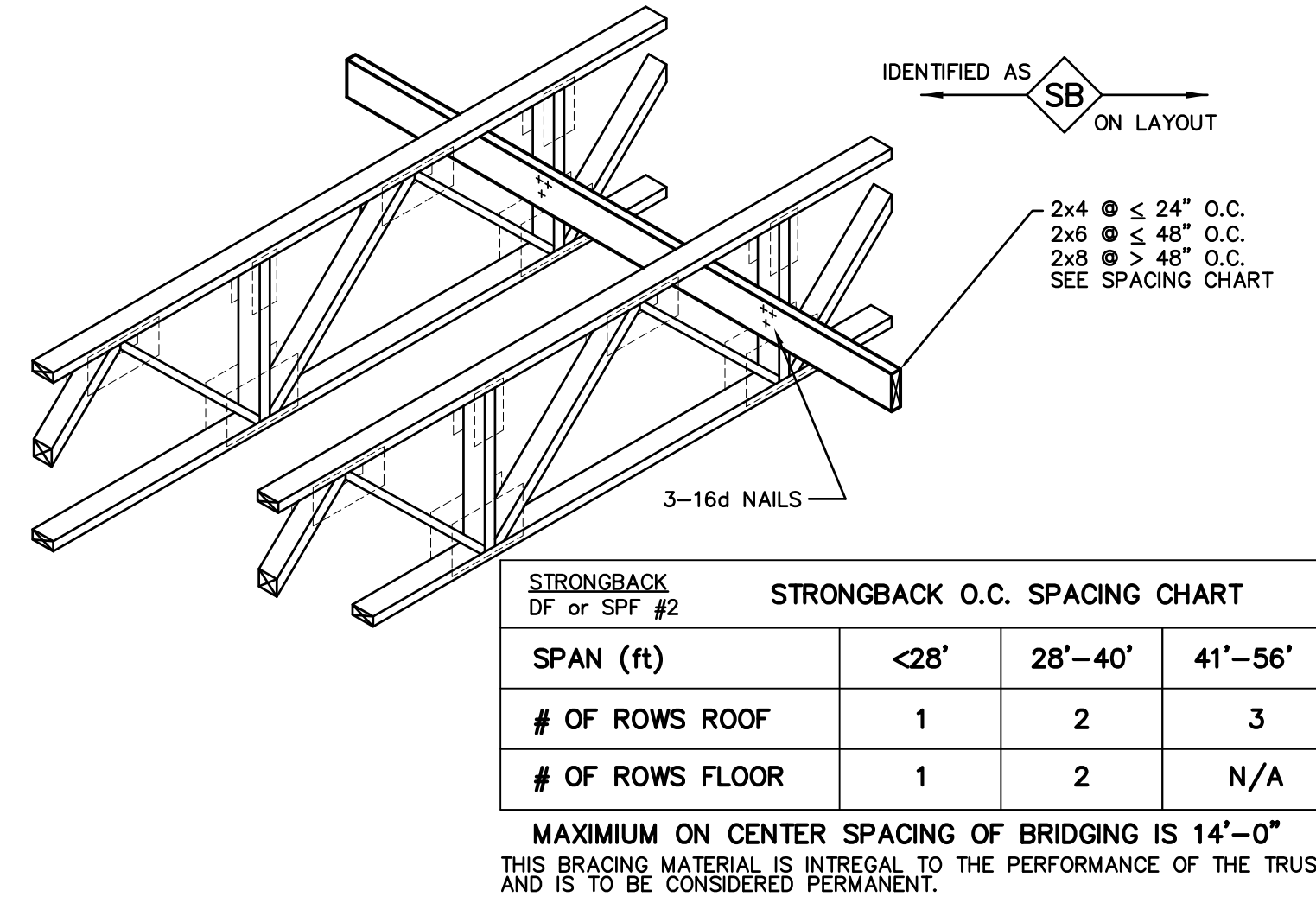
5A FIRE SPRINKLER SWAY BRACE DETAIL



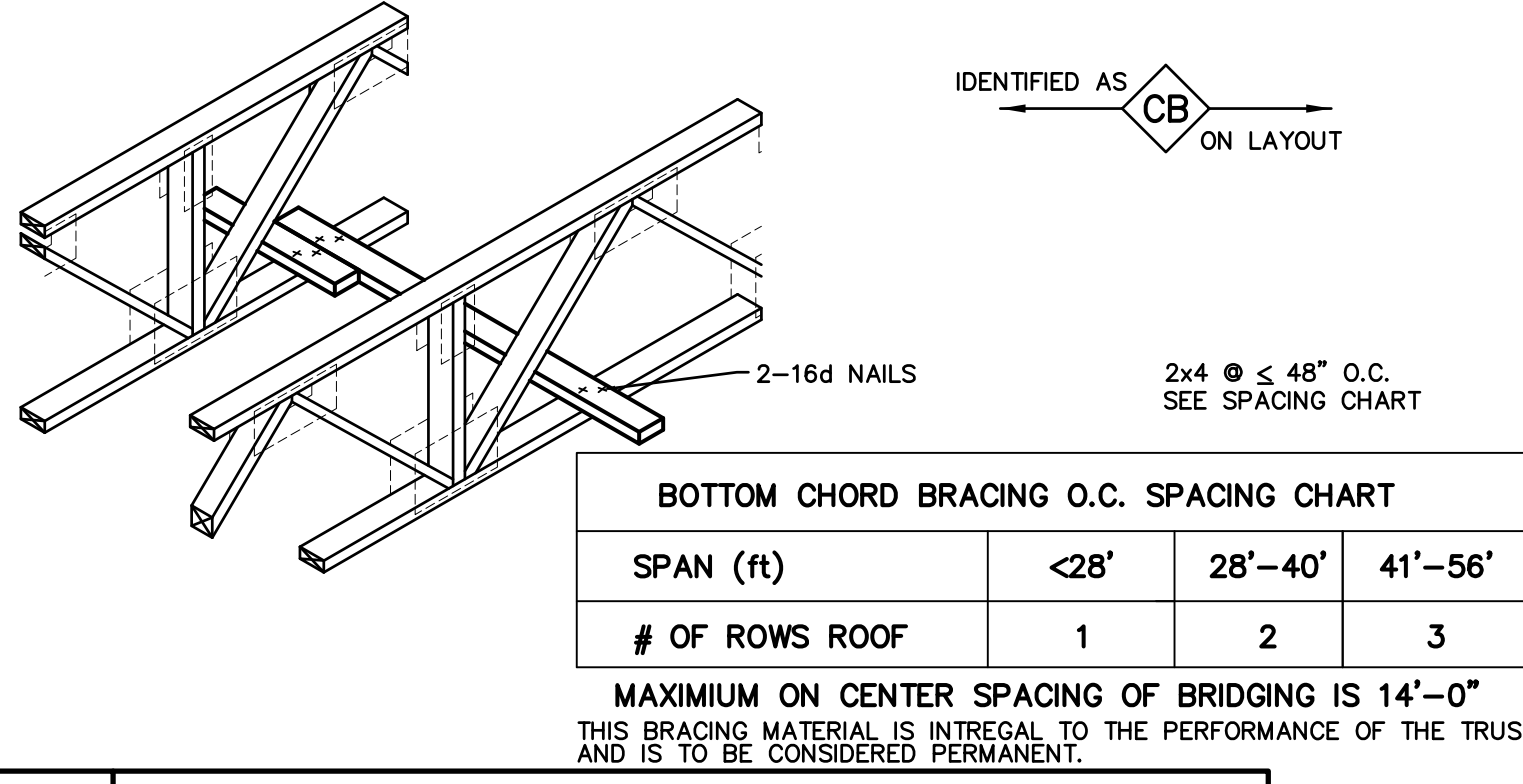
5B FIRE SPRINKLER SWAY BRACE DETAIL



6 TRUSS AT NON-BEARING WALL



7 STRONG BACK DETAIL



8 BOTTOM CHORD BRACING DETAIL

G2T OPEN WEB TRUSS

JOB SITE HANDLING OF G2T OPEN WEB TRUSSES

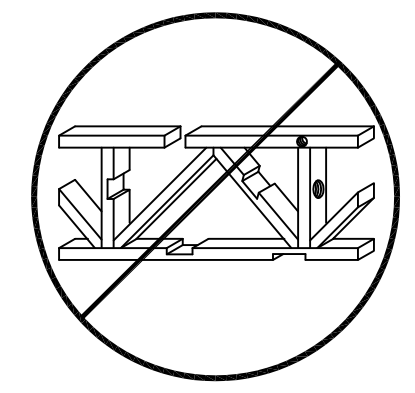
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO UNLOAD THE G2T TRUSSES FROM THE TRUCK AND FOR ALL HANDLING THEREAFTER. THE G2T OPEN WEB TRUSS GUARANTEE ONLY APPLIES AS LONG AS THE PRODUCT IS NOT DAMAGED OR ALTERED IN ANY WAY. IS INSTALLED IN A WORKMANLIKE MANNER AND ACCORDING TO THE INSTALLATION INFORMATION NOTED HEREIN. G2T TRUSSES WILL BE DELIVERED TO THE JOBSITE IN BUNDLES Banded TOGETHER FOR HANDLING EASE. TO AVOID DAMAGE, TRUSSES SHOULD BE LEFT IN THESE BUNDLES UNTIL READY FOR INSTALLATION IN THE STRUCTURE. A CARELESS CRANE OR FORKLIFT OPERATOR CAN DAMAGE G2T TRUSSES. NEVER HANDLE G2T TRUSSES FLAT - KEEP IN AN UPRIGHT POSITION.

STORAGE OF G2T OPEN WEB TRUSSES

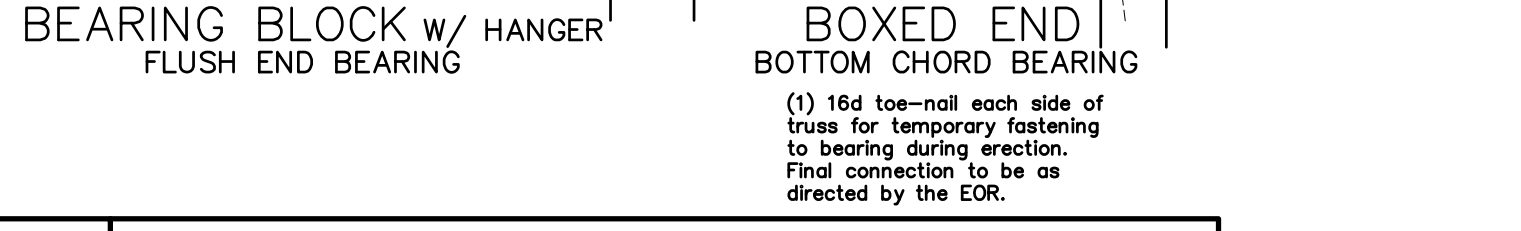
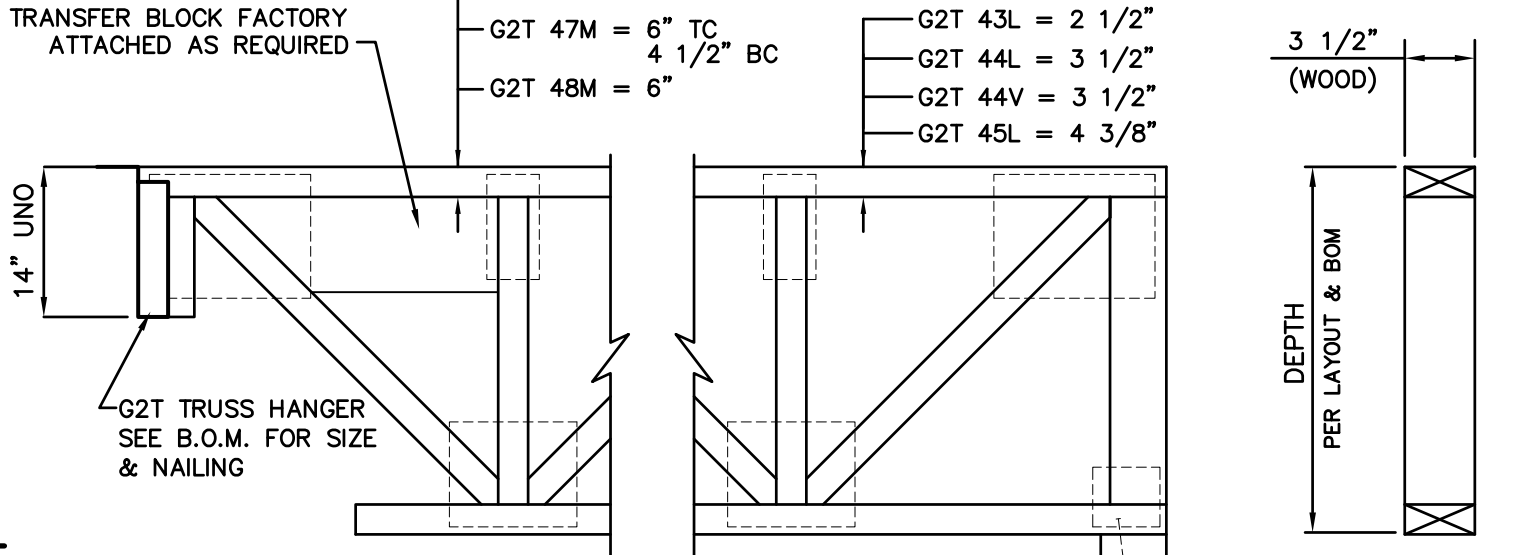
DURING STORAGE AT THE JOBSITE, KEEP G2T TRUSSES IN AN UPRIGHT POSITION. THE BUNDLES SHOULD BE SUPPORTED ON LEVEL STICKERS TO KEEP THE G2T TRUSSES OFF OF THE MUD AND DIRT. STACKING OF BUNDLES IS PERMITTED IF AN ADEQUATE NUMBER OF STICKERS ARE PROVIDED TO PREVENT DAMAGE AND NORMAL SAFETY PRECAUTIONS ARE FOLLOWED. ALL GLUE USED IN G2T TRUSSES IS WATER PROOF. HOWEVER, LONG EXPOSURE TO WATER AND SUN WILL CAUSE SOME DETERIORATION AND CHECKING OF WOOD. G2T TRUSSES SHOULD RECEIVE THE SAME PROTECTION FROM WEATHER AS OTHER WOOD PRODUCTS.

TYPICAL G2T PROJECT NOTES:

- FOR NOTES, DETAILS, AND DIMENSIONS NOT ON THESE PRODUCT PLACEMENT OR DRAWINGS, REFER TO PROJECT PLANS.
- SEE BILLS OF MATERIAL FOR ITEMS FURNISHED.
- ALL CLOUDED NOTES, DIMENSIONS, ETC. REQUIRE VERIFICATION AND MUST BE MARKED "OK" OF THE CORRECT INFORMATION PROVIDED BY CUSTOMER, PRIOR TO RETURN TO BEING RETURNED FOR FABRICATION.
- PLEASE BE AWARE THAT ANY CLOUDED ITEMS NOT ACKNOWLEDGED WILL REQUIRE CONTACT WITH RESPONSIBLE PARTIES AND MAY CAUSE DELAY IN THE PROCESSING OF YOUR ORDER.
- PLEASE VERIFY THAT ALL INFORMATION PROVIDED HEREWITH REFLECTS THE LATEST AVAILABLE PROJECT INFORMATION AND THAT ALL G2T TRUSS LENGTHS CORRESPOND WITH ACTUAL FIELD DIMENSIONS PRIOR TO BEING RETURNED FOR FABRICATION.
- ALL BRACING OR NON INTEGRAL TO THE G2T OPEN WEB TRUSS SYSTEM AND IS NOT TEMPORARY OR ERECTION BRACING. THE PCT OPEN WEB TRUSS WILL NOT SAFELY SUPPORT LOADS UNTIL FULLY BRACED, FULLY ATTACHED TO BEARING WALLS OR BEAMS, AND SHEATHING, IS PROPERLY INSTALLED (SEE LAYOUTS AND DETAILS).
- POINT LOADS THAT EXCEED 100 LBS. AS INDICATED ON THE PLACEMENT PLAN HEREIN.
- INSTALLATION OF G2T OPEN WEB TRUSSES MUST FOLLOW ANY ADDITIONAL REQUIREMENTS INDICATED ON THE PLACEMENT PLAN AND IN THE CALCULATIONS.
- ALL G2T OPEN WEB TRUSSES ARE DESIGNED FOR UNIFORM LOADS AND CONCENTRATED LOADS NOTED ON THESE DRAWINGS AND CALCULATIONS. TEMPORARY CONSTRUCTION LOADS WHICH CAUSE STRESSES BEYOND DESIGN CRITERIA ARE NOT PERMITTED.
- ALL 2X, 4X, 6X ETC. FRAMING TO BE SUPPLIED BY OTHERS, UNO. (FMBO).
- METAL STRAPS AND/OR TIES USED FOR SEISMIC PURPOSES THAT ARE NAILED TO THE TOP OF THE TOP CHORD ARE TO USE 10d NAILING AT NO LESS THAN 3" ON IN A ROW UNO. ACCEPTABLE STRAPS FOR G2T TOP CHORDS ARE L171, LST1, MST1 AND PA1 OR OTHER COMPARABLE ITEMS UNO.
- G2T OPEN WEB TRUSSES ARE NOT DESIGNED TO SUPPORT ANY FIRE SPRINKLER AND/OR MECHANICAL LOADS OTHER THAN WHAT IS SHOWN WITHIN THESE DRAWINGS, AND OR WHAT HAS BEEN PROVIDED IN THE DESIGN DEAD LOAD(S).
- THE PLACEMENT OF THE MECHANICAL UNITS AND SPRINKLER MAINS ARE TO BE AS NOTED ON THE PLACEMENT PLAN. THE SUPPORTING TRUSSES HAVE BEEN SPECIFICALLY DESIGNED TO ACCOMMODATE THESE ITEMS. ALL COMPONENTS TRANSFERRING LOADS TO THE TRUSSES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE DETAILS CONTAINED WITHIN THESE DRAWINGS. IF THE ACTUAL LOCATIONS DO NOT COINCIDE WITH THESE DRAWINGS CONTACT THE MANUFACTURER.
- G2T TRUSS DESIGNS ARE IN ACCORDANCE WITH THE CURRENT ADOPTED EDITION OF THE IBC, CBC, AND NATIONAL DESIGN SPECIFICATION, AND CONFORM TO CURRENT ICC-ES REPORT.



- DO NOT CUT, DRILL OR NOTCH CHORDS AND WEB MEMBERS**
- M DENOTES MACHINE STRESS RATED (MSR) LUMBER CHORDS STRUCTURALLY FINGER JOINTED INTO A CONTINUOUS MEMBER. MULTIPLE PILES ARE FACE BONDING CREATING A CONTINUOUS AND MONOLITHIC MEMBER.
 - L DENOTES LAMINATED STRAND LUMBER (LSL) CHORDS ALL MEMBERS CONTINUOUS AND MONOLITHIC (NO SPLICES)
 - V DENOTES LAMINATED VENEER LUMBER (LVL) CHORDS ALL MEMBERS CONTINUOUS AND MONOLITHIC (NO SPLICES)



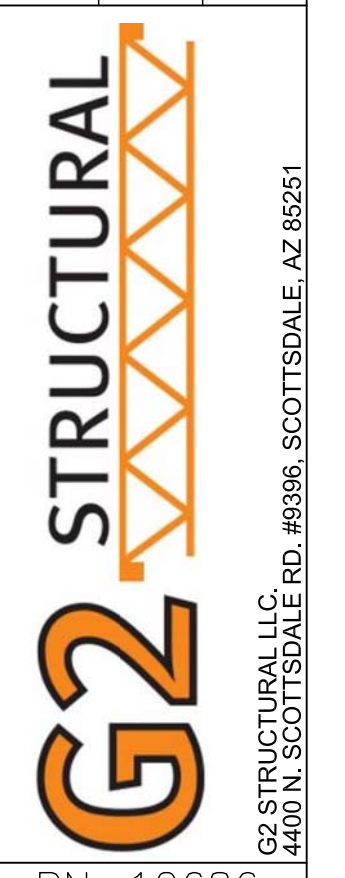
8 G2T TRUSS NOTES AND PROFILES

- LEGEND / ABBREVIATIONS**
- SEE PROJECT PLANS FOR OTHER ABBREVIATIONS AND SYMBOLS USED.
 - DETAIL (ON SHOP DRAWINGS)
 - PROJECT PLAN DETAIL (PER PLANS)
 - START G2T TRUSS LAYOUT @ o/c SPACING
 - STRONGBACK LOCATION
 - DIRECTION OF ROOF SLOPE
- FMBO = FRAMING MATERIAL BY OTHERS
NIC = NOT IN CONTRACT
UNO = UNLESS NOTED OTHERWISE
LBS = POUNDS
PSF = POUNDS PER SQUARE FOOT
PLF = POUNDS PER LINEAL FOOT
DBL = DOUBLE MEMBER (TPL = TRIPLE MEMBER)

REVISIONS

HARVEY N. DONDERO
ELEMENTARY SCHOOL
4450 RIDGEVILLE STREET
LAS VEGAS, NEVADA 89103

ENGINEER: HARVEY N. DONDERO, INC. 702-752-2777
ARCHITECT: ETHOS THREE ARCHITECTURE 702-456-1070
CUSTOMER: JPM CONSTRUCTION 702-387-6117

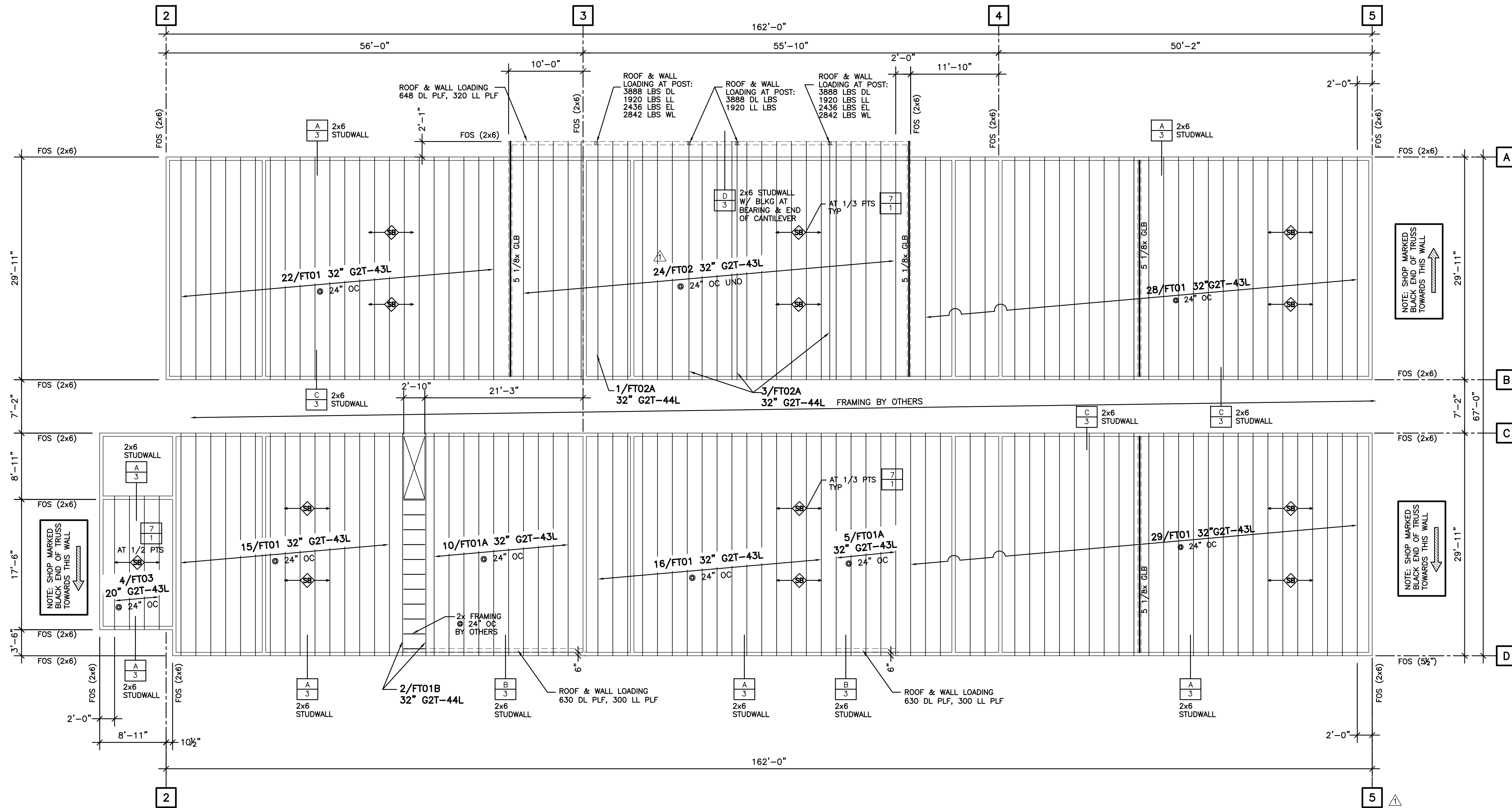


PROJECT PLANS USED:	
SHEETS	DATE
ARCHITECTURAL DRAWINGS	
AS0.01 THRU K41.08	07/03/17
STRUCTURAL DRAWINGS	
S61.01 THRU S5.3	07/03/17

DESIGN LOADS	
LOAD	ROOF
LIVE LOAD	65 PSF
PAINT LOAD	5 PSF
DEAD LOAD	28 PSF
TOTAL LOAD	98 PSF

DESIGN DEFLECTION:
 $\Delta_{LL} \leq L/360$ $\Delta_{TL} \leq L/240$
 LOAD DURATION FACTOR = 1.0
 DESIGN CODE: IBC 2012
 DEAD LOAD BREAKDOWN: 23 PSF TC, 5 PSF RC
 = 1000 LB LOAD IS PLACED UPON ANY 2.5x2.5' SQUARE SPACE ALONG SPAN.
 = CONNECTOR PLATE SIZE INCREASED BY 125%
 = ADDITIONAL 250# MISC POINT LOAD OCCURRING AT ANY ONE TOP CHORD PANEL POINT ALONG THE SPAN, CONCURRENT WITH UNIFORM DEAD LOAD AND LIVE LOAD ONLY.

NOTE: SPRINKLER LINES GREATER THAN 3" DIAMETER HAVE NOT BEEN CONSIDERED IN THE TRUSS DESIGNS



FLOOR PRODUCT PLACEMENT PLAN

(REF: S1.10)
 SCALE: 1/8" = 1'-0"

G2T TRUSS LIST					
MARK	QTY	CLR SPAN	MFR LENGTH	DEPTH	REMARKS
FT01A	15	29'-0"	29'-11"	32" G2T-43L	1-FILLER
FT01B	2	29'-0"	29'-11"	32" G2T-44L	1-FILLER
FT01	110	29'-0"	29'-11"	32" G2T-43L	
FT02	24	29'-0"	32'-0"	32" G2T-43L	
FT02A	4	29'-0"	32'-0"	32" G2T-44L	
FT03	4	17'-0 1/2"	17'-11 1/2"	20" G2T-43L	

MISC. MATERIAL LIST		
ITEM	QTY	REMARKS
2x4 B/C BRACING	711 LF	STD G2T B/C BRACING (SEE DETAIL 7/1)

REVISIONS
 11-3-17 Reviewed drawings

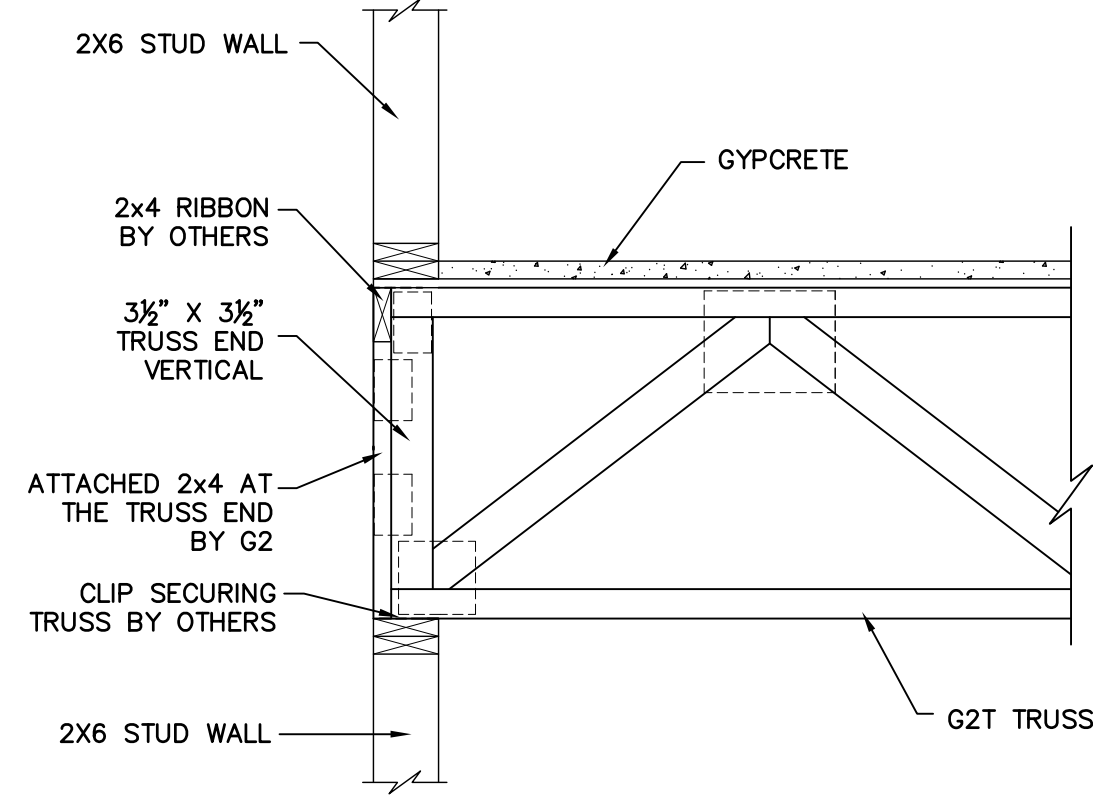
HARVEY N. DONDERO
 ELEMENTARY SCHOOL
 4450 RIDGEVILLE STREET
 LAS VEGAS, NEVADA 89103

ENGINEER: MA L
 702-755-2777
 ARCHITECT: ETHOS THREE ARCHITECTURE
 702-456-1070
 CUSTOMER: JPM CONSTRUCTION
 702-367-4117

G2 STRUCTURAL
 G2 STRUCTURAL, LLC
 4400 N. SCOTTSDALE RD. #6396, SCOTTSDALE, AZ 85251

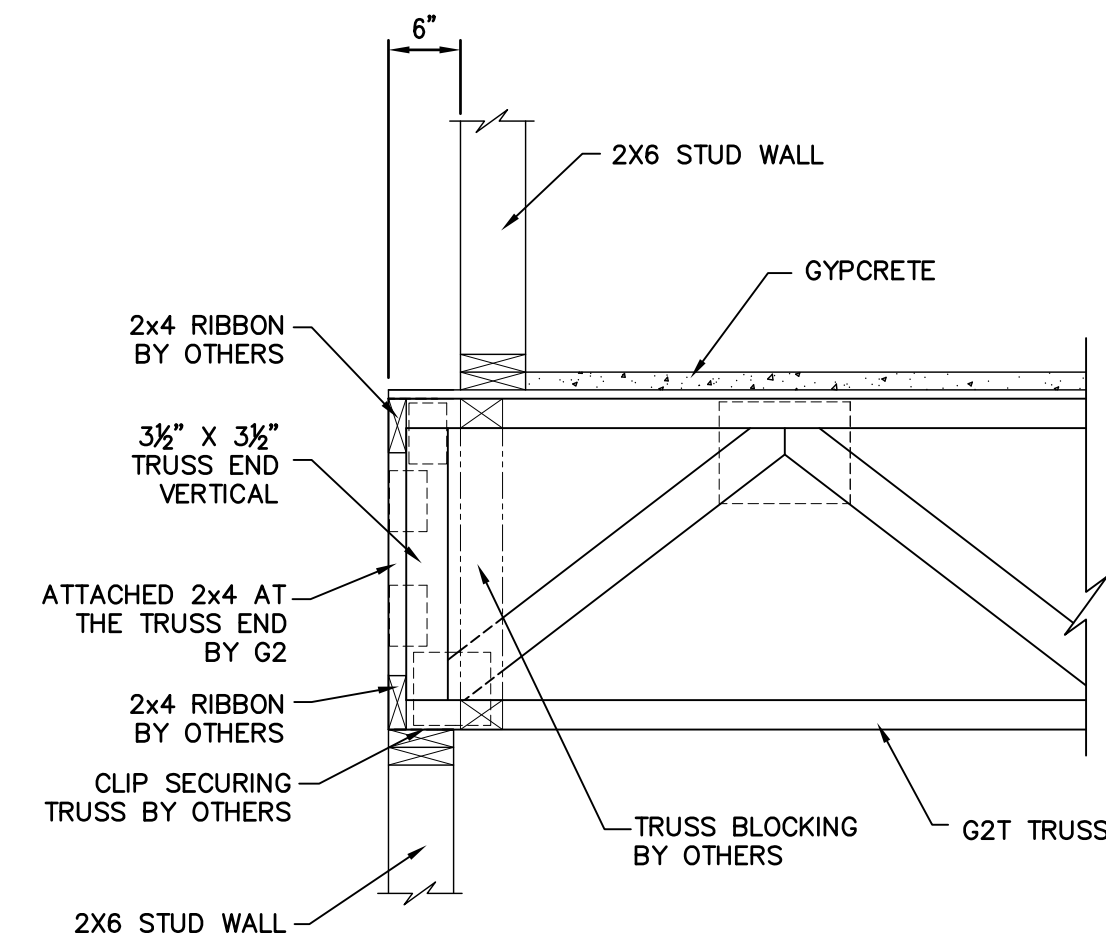
10/19/2017
 PN-12686
 SHEET
 2 OF 3

REVISED FOR CONSTRUCTION



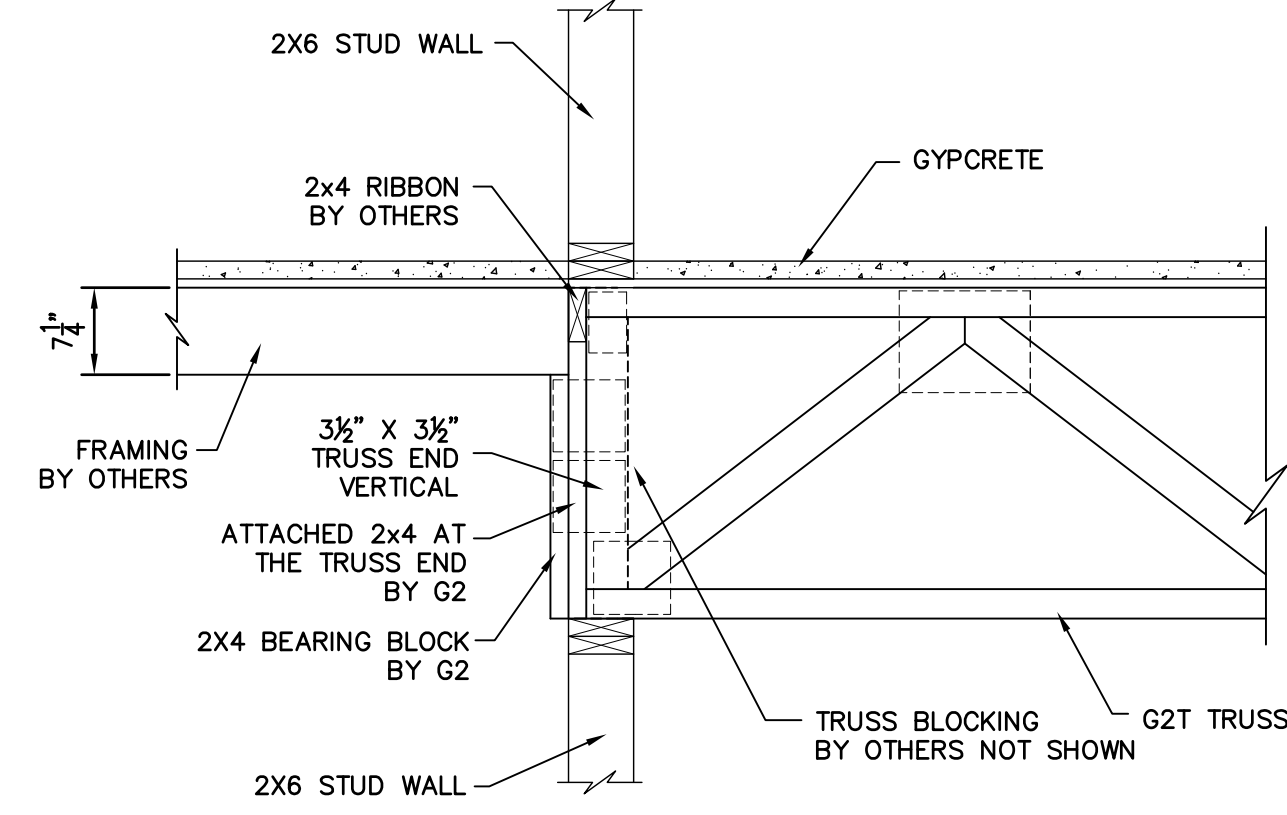
REF: 6/S5.04

A
-



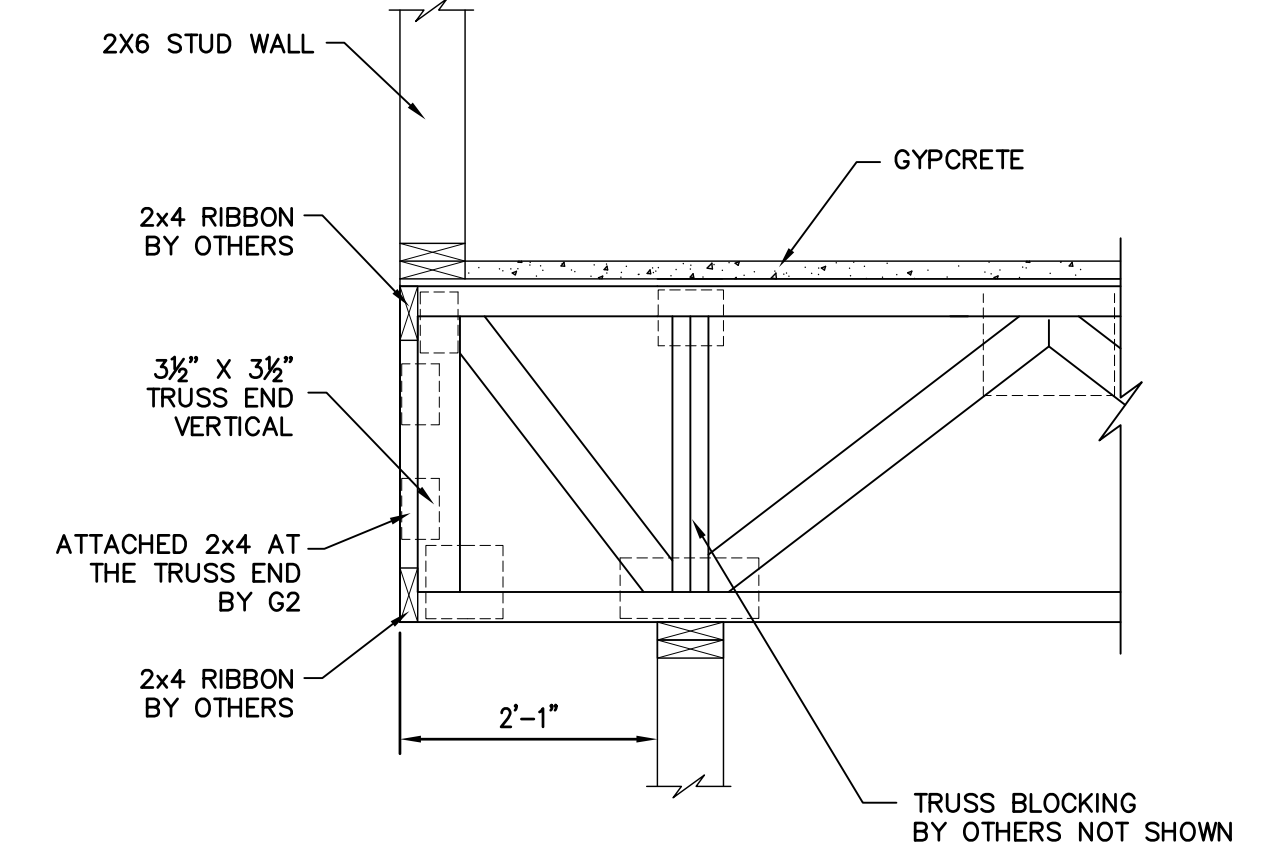
REF: 11/S5.07

B
-



REF: 4/S5.04

C
-



REF: 16/S5.04

D
-

REVISIONS
11-3-17

HARVEY N. DONDERO
ELEMENTARY SCHOOL
 4450 RIDGEVILLE STREET
 LAS VEGAS, NEVADA 89103

ENGINEER
 MA ENGINEERING, INC.
 702-735-5777

ARCHITECT
 ETHOS THREE ARCHITECTURE
 702-495-1070

CUSTOMER
 JPM CONSTRUCTION
 702-367-5117

G2 STRUCTURAL

G2 STRUCTURAL LLC.
 4400 N. SCOTTSDALE RD. #8996, SCOTTSDALE, AZ 85251

PN-12686
 SHEET
 3 OF 3

REVISED FOR CONSTRUCTION