## **PRODUCT APPROVAL SPECIFICATION SHEET**

ocation:	Project Name:
As required by Florida Statute 553 842 and	Florida Administrativa Codo OP 72 places provide the information and the

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at <a href="https://www.floridabuilding.org">www.floridabuilding.org</a>

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
Swinging			
2. Sliding			
3. Sectional			
4. Roll up			161
5. Automatic			
6. Other			
B. WINDOWS			
Single hung			
Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass –through		-	
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	<del> </del>		
2. Soffits	<del> </del>		
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other	<del> </del>		
	-		
D. ROOFING PRODUCTS			
Asphalt Shingles	0.1111	and the state of t	
2. Underlayments	(CRETAINTECES	All Wenther Gupine FIASE	479.20
Roofing Fasteners		,	
4. Non-structural Metal Rf			
5. Built-Up Roofing	1 1 1 1		
6. Modified Bitumen	Coptainteed	plintlastic GMS white	479.12
7. Single Ply Roofing Sys			
8. Roofing Tiles	ļ		
Roofing Insulation			
10. Waterproofing		0	
<ol><li>Wood shingles /shakes</li></ol>			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives -			
Coatings			
15. Roof Tile Adhesive			
16. Spray Applied		1	
Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL			
COMPONENTS			
<ol> <li>Wood connector/anchor</li> </ol>			
2. Truss plates			
<ol><li>Engineered lumber</li></ol>			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR			
ENVELOPE PRODUCTS			
1.		1	
2.	]	1	
time of inspection of these jobsite; 1) copy of the produ	products, the fo ct approval, 2)	ate product approval at plan review llowing information must be availa the performance characteristics what applicable manufacturers installati	ble to the inspector on the hich the product was tested
I understand these products	may have to be	e removed if approval cannot be d	emonstrated during inspection
Contractor or Contractor's Authorize	d Agent Signature	Print Name	Date
Location			

CHIDCON	TDACTOD	VERIFICATION	FODRA

Call# 904-838-4322

	SUBC	ONTRACTOR VERIFICATION FORM	1 -	
APPLICATION NUMBER _	1105-21	CONTRACTOR ARDWORKS	Construction	NE 904-317-3322
	THIS FORM MUST RE	SUBMITTED PRIOR TO THE ISSUANI	CE OF A PERMIT	

In Columbia County one permit will cover all trades doing work at the permitted site. It is <u>REQUIRED</u> that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

	ELECTRICAL	Print Name	RAP Electric	of North Fla Inc	Signature	Whole palett	
1	1114	License #:	EC 000131	3 Robert Sa	lette I Phor	ie #: 904-764-5555	
	MECHANICAL/	Print Name	Rouald L. Mo	perhall Truc	Signature /	month of Morrisell	
K	AICKEFRIG		CMC 02732		Phon	e#: 904-768-6070	
	PLUMBING/	Print Name			Signature		
	GAS	License #:	14/19		Phor	he#: //フ /	
1	ROOFING	Print Name	DAVID L. CARR	Carr-Tech	Signature	aux Van	
1	1113	License #: (	CCC033732	Industries	Phor	ne #: 964-17/-1340	
	SHEET METAL	Print Name			Signature		
		License #:	NA		Phor	ne #:	
	FIRE SYSTEM/	Print Name			Signature		
	SPRINKLER	License#:	NIA		Phor	ne #:	
	SOLAR	Print Name			Signature		
		License #:	14/1		Phon	ne #:	
		micerioe iii	. ///				
١	Specialty Lie		License Number	Sub-Contractors Pr	CEL WESSIGN TANIAL	Sub-Contractors Signature	
	Specialty Lie		License Number	Sub-Contractors Pr	CEL WESSIGN TANIAL	Sub-Contractors Signature	1
	MASON CONCRETE FIN	cense	License Number	Sub-Contractors Pr	CEL WESSIGN TANIAL	Sub-Contractors Signature	0
	MASON CONCRETE FIN FRAMING	cense	License Number	Sub-Contractors Pr	CEL WESSIGN TANIAL	Sub-Contractors Signature	
	MASON CONCRETE FIN FRAMING INSULATION	cense	License Number	Sub-Contractors Pr	CEL WESSIGN TANIAL	Sub-Contractors Signature	
	MASON CONCRETE FIN FRAMING INSULATION STUCCO	cense	License Number  (e4.5  Le45	Sub-Contractors Programmes The Charles To	CEL WESSIGN TANIAL	Sub-Contractors Signature	
	MASON CONCRETE FIN FRAMING INSULATION STUCCO DRYWALL	cense	License Number	Sub-Contractors Pr Charles Pr Charles P	CEL WESSIGN TANIAL	Sub-Contractors Signature	
	MASON CONCRETE FIN FRAMING INSULATION STUCCO DRYWALL PLASTER	ISHER	License Number  Co4.5  Co4.5	Sub-Contractors Pr	CEL WESSIGN TANIAL	Sub-Contractors Signature	P
	MASON CONCRETE FIN FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA	ISHER	License Number  (e4.5  Le45	Sub-Contractors Pr Charles P	Carl Walking Parish	Sub-Contractors Signature	
	MASON CONCRETE FIN FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA	ISHER  ALLER	License Number  Le45 Le45  Le45	Charles &	Carl Walking Parish	Sub-Contractors Signature  Charles Signature  Charles Signature  Charles Signature  Charles Signature	
	MASON CONCRETE FIN FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA	ISHER  ALLER	License Number  (e45  Le45  (e45  (e45  (e45	Sub-Contractors Pr Charles D Charles B Charles B	Carl Walking Parish	Sub-Contractors Signature  Charles Port	
	MASON CONCRETE FIN FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA PAINTING ACOUSTICAL CO	ISHER  ALLER	645 645 645	Charles B Charles B Charles B	Carl Walking Parish	Sub-Contractors Signature  Charles Port	
	MASON CONCRETE FIN FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA PAINTING ACOUSTICAL CO	ISHER ALLER EILING	License Number  (e45 Le45  (e45 Le45	Charles B Charles B Charles B	Carl Walking Parish	Sub-Contractors Signature  Charles Participation  Charles Participat	

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Forms: Subcontractor form: 6/09

**GARAGE DOOR** 

METAL BLDG ERECTOR

## **Julius Lee**

RE: 363102 -

## 1109 Coastal Bay Blvd. **Boynton Beach, FL 33435**

Site Information:

Project Customer: Munchies Food Store Project Name: 363102 Model: Cooler Addition

Lot/Block:

Subdivision:

Address: Highway 90 East

City: Lake City

State: Florida

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: Unknown at time of Seal

License #: Unknown at time of Seal

Address: Unknown at time of Seal City: Unknown at time of Seal

State: Florida

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2007/TPI2002

Design Program: MiTek 20/20 7.1

Wind Code: ASCE 7-05 Wind Speed: 120 mph

Floor Load: N/A psf

Roof Load: 32.0 psf

This package includes 2 individual, dated Truss Design Drawings and 0 Additional Drawings. With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules. This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

In the event of changes from Builder or E.O.R. additional coversheets and drawings may accompany this coversheet. The latest approval dates supersede and replace the previous drawings.

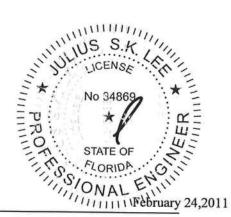
No.	Seal#	Truss Name	Date
1	14639122	T01	2/24/011
2	14639123	T01G	2/24/011

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Builders FirstSource (Jax).

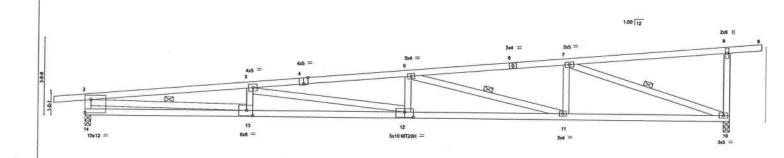
Truss Design Engineer's Name: Julius Lee

My license renewal date for the state of Florida is February 28, 2013.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.



Truss Truss Type Qty 363102 T01 MONO TRUSS 10 Job Reference (optional)
7.250 s Sep 1 2010 MiTek Industries, Inc. Thu Feb 24 14:11:02 2011 Page 1 Builders FirstSource, Jacksonville, FI 32244 ID:XmWCRyrnwUbmq9kbkWYrMwzhwqq-Yle\_Jccs?RmHmJfpJ95Xm6g6PjtC8EXQZRMRjFzhw2t 1-6-0 1-6-0 7-10-8 23-0-8 32-5-0 30-11-0 7-10-8 7-10-8 1-6-0 Scale = 1:53.6





LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING         2-0-0           Plates Increase         1.25           Lumber Increase         1.25           Rep Stress Incr         YES           Code FBC2007/TPI2002	CSI TC 0.95 BC 0.95 WB 0.84 (Matrix)	DEFL   in (loc)   Vdefl   L/d   Vert(LL)   0.81 12-13   >453   240   MT20   Vert(TL)   -1.25 12-13   >294   180   MT20   Horz(TL)   0.16   10   n/a   n/a   Weight	244/190
-----------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------

TOP CHORD

**BOT CHORD** 

REACTIONS

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3 \*Except\* W1,W2: 2 X 4 SYP No.2

(lb/size) 14=1171/0-3-8 (min. 0-1-8), 10=1171/0-3-8 (min. 0-1-8)

Max Horz 14=142(LC 5) Max Uplift 14=-449(LC 6), 10=-402(LC 4)

FORCES (ib) - Max. Comp./Max. Ten. - All forces 250 (ib) or less except when shown.

TOP CHORD 2-14=-1108/717, 2-3=-4573/2716, 3-4=-4244/2531, 4-5=-4226/2535, 5-8=-2474/1490, 6-7=-2440/1493, 8-10=-316/248

**BOT CHORD** 

13-14=-406/618, 12-13=-2689/4535, 11-12=-2475/4201, 10-11=-1401/2447 WEBS

2-13=-2294/3934, 3-13=-329/288, 3-12=-329/218, 5-12=-5/272, 5-11=-1814/1111, 7-11=-229/578,

NOTES (7-10)

1) Wind: ASCE 7-05; 120mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

2) All plates are MT20 plates unless otherwise indicated.

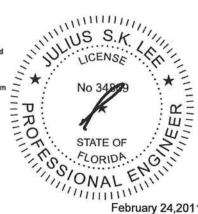
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

4) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 449 lb uplift at joint 14 and 402 lb uplift at joint 10.

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 449 in uplift at joint 14 and 402 in uplift at joint 10.
 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 8) For special connections with reactions or uplifts less than 300 lbs. Use typical toe-nail connection (refer to BFS detail package)
 9) Truss Design Engineer: Julius Lee, PE; Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



Structural wood sheathing directly applied, except end verticals.

2-13, 5-11, 7-10

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

Rigid ceiling directly applied or 2-2-0 oc bracing.

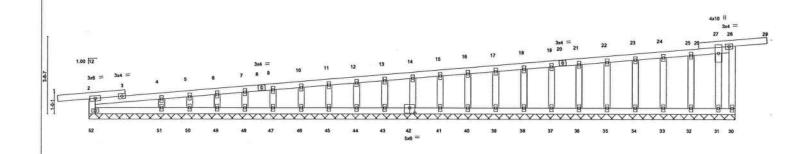
1 Row at midpt

February 24,2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIL 7473 BEFORE USE. Design valid for use only with Miles connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the exercity. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding labrication, quality control, storage, delivery, erection and bracing, consult ANSI/ITI Quality Criteria, DSB-89 and BCS11 Building Component and plant information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435 Job Truss Truss Type Qty Ph 363102 TOIG GABLE Job Reference (optional)
7.250 s Sep 1 2010 MiTek Industries, Inc. Thu Feb 24 14:12:31 2011 Page 1
ID:nJ8t1UZQov9F0OK7F7dwnazhwpu-RQWd\_2hh2nzex?yw1MBPttsU3bTvVhBX0nQfMbzhw1U Builders FirstSource, Jacksonville, Fl 32244 1-6-0 32-5-0 30-11-0 1-6-0

Scale = 1:53.0



30-11-0 30-11-0 Plate Offsets (X,Y): [42:0-3-0,0-3-0] LOADING (psf) SPACING DEFL Vdef! PLATES 1.25 1.25 TC BC TCLL 20.0 Plates Increase 0.24 Vert(LL) -0.00 28 n/r 120 MT20 244/190 TCDL 10.0 0.06 Lumber Increase Vert(TL) -0.01 29 n/r 90 0.0 . BCIL Rep Stress Incr NO WR 0.03 Horz(TL) 0.00 30 BCDL Code FBC2007/TPI2002 5.0 (Matrix) Weight: 154 lb FT = 20%

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3 OTHERS

BRACING TOP CHORD BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 6-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS

All bearings 30-11-0.

Max Horz 52=184(LC 5)

Max Uplift All uplift 100 lb or less at joint(s) 42, 43, 44, 45, 46, 47, 48, 49, 50, 41, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31

except 52=180(LC 4), 30=.160(LC 5), 51=.113(LC 6)

Max Grav All reactions 250 lb or less at joint(s) 52, 30, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 41, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- 1) Wind: ASCE 7-05; 120mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C
- Exterior(2) zone; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  2) Truss designed for wind loads in the plane of the truss only. For stude exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 3) All plates are 2x4 MT20 unless otherwise indicated.

9) Bearing at joint(s) 52 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 42, 43, 44, 45, 46, 47, 48, 49, 50, 41, 40, 39 38, 37, 36, 35, 34, 33, 32, 31 except (it=lb) 52=180, 30=160, 51=113.

11) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

13) For special connections with reactions or uplifts less than 300 lbs. Use typical toe-nail connection (refer to BFS detail nackers).

LOAD CASE(S) Standard PROTINGIONAL E. HOLA

February 24,2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII 7473 BEFORE USE. MARNING - Vertify design parameters and KEAD NOTES ON THIS AND INCLUDED BUTTER AGE FLAGE BUTTER SECTION OF SEC

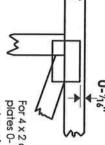
Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435

## Symbols

# PLATE LOCATION AND ORIENTATION



offsets are indicated. Center plate on joint unless x, y and fully embed teeth Apply plates to both sides of truss Dimensions are in ft-in-sixteenths.



plates 0-1/16" from outside edge of truss. For 4 x 2 orientation, locate

required direction of slots in connector plates. This symbol indicates the

 Plate location details available in MiTek 20/20 software or upon request

## **PLATE SIZE**

4 × 4

width measured perpendicular to slots. Second dimension is The first dimension is the plate the length parallel to slots.

## LATERAL BRACING LOCATION



if indicated. output. Use T, I or Eliminator bracing by text in the bracing section of the Indicated by symbol shown and/or

## BEARING



reaction section indicates joint number where bearings occur. (supports) occur. Icons vary but Indicates location where bearings

## Industry Standards:

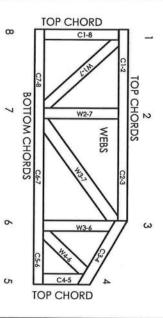
ANSI/TPI1: Design Standard for Bracing Plate Connected Wood Truss Construction National Design Specification for Metal

DSB-89

Guide to Good Practice for Handling, Connected Wood Trusses. Installing & Bracing of Metal Plate Building Component Safety Information,

# Numbering System





JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

## PRODUCT CODE APPROVALS

ICC-ES Reports:

NER-487, NER-561 95110, 84-32, 96-67, ER-3907, 9432A 9730, 95-43, 96-31, 9667A ESR-1311, ESR-1352, ER-5243, 9604B,

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## Boynton, FL 33435 Julius Lee 1109 Coastal Bay Blvd.

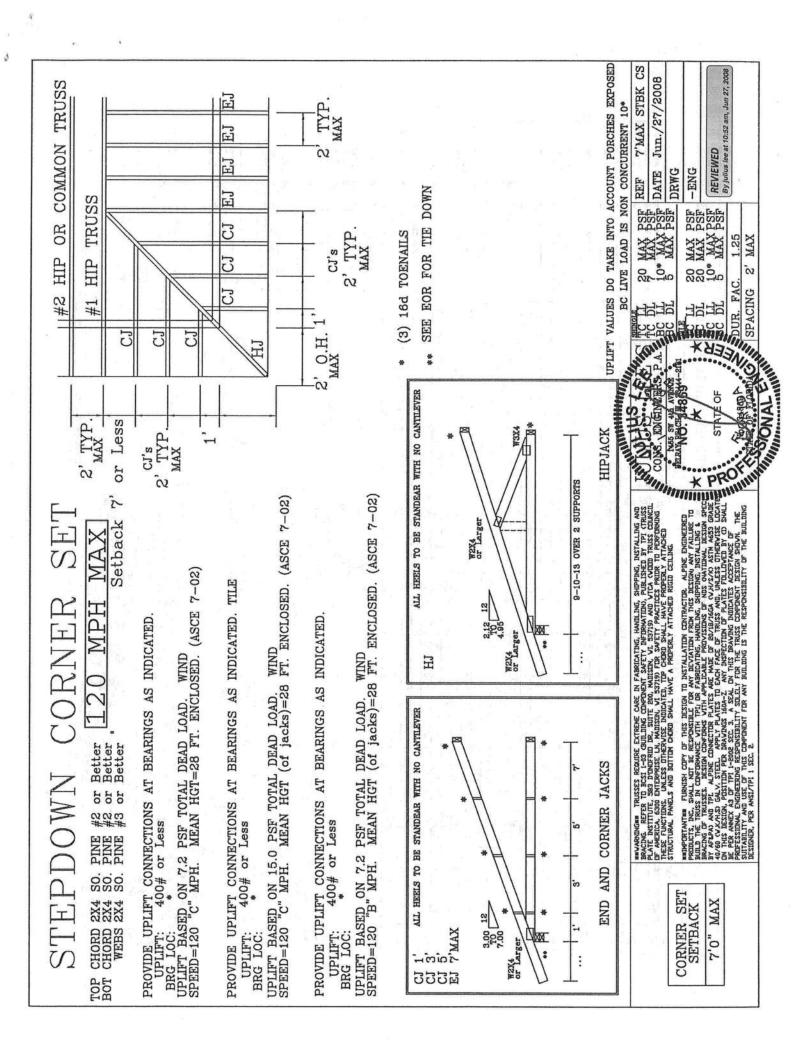
# General Safety Notes

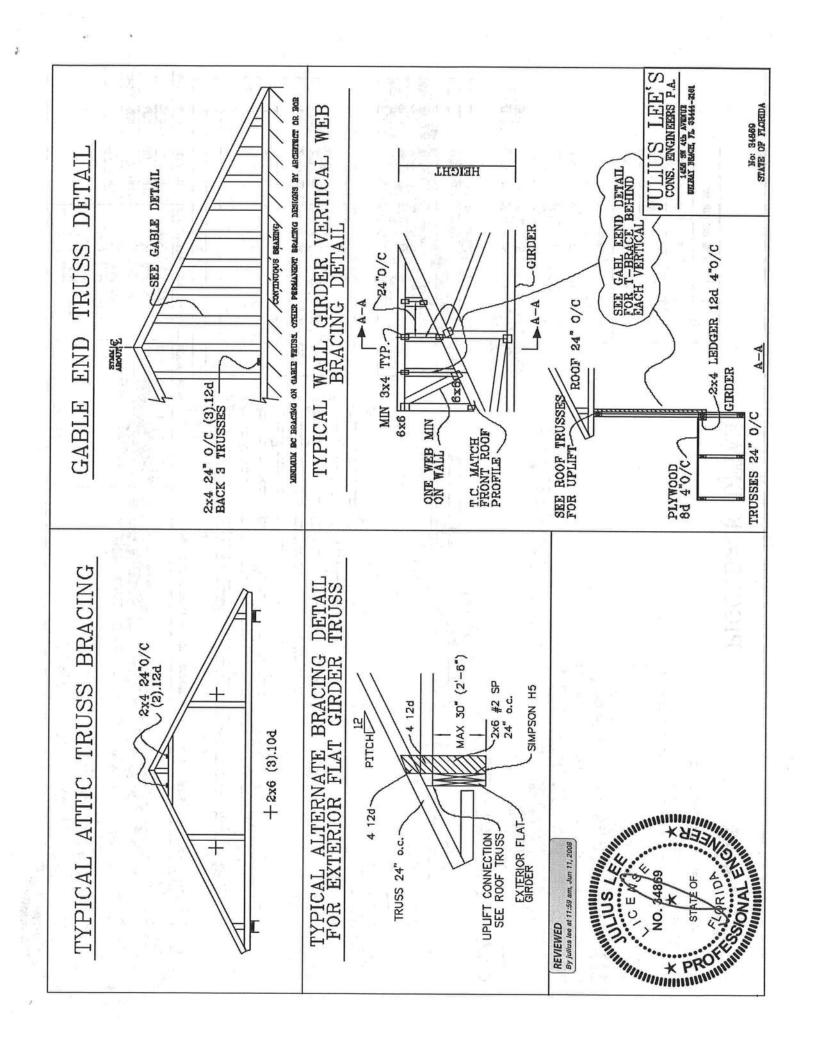
## Damage or Personal Injury Failure to Follow Could Cause Property

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
- 12 Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative  $\Gamma_{\rm r}$  I, or Eliminator bracing should be considered.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- designer, erection supervisor, properly owner and all other interested parties. Provide copies of this truss design to the building
- Cut members to bear tightly against each other
- joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1. Place plates on each face of truss at each
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication
- Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location aimensions indicated are minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that
- Top chords must be sheathed or purlins provided at spacing indicated on design.
- 14. Bottom chords require lateral bracing at 10 ft. spacing or less, if no ceiling is installed, unless otherwise noted
- Do not cut or alter truss member or plate without prior approval of an engineer

15. Connections not shown are the responsibility of others

- Install and load vertically unless indicated otherwise.
- 18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
- Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient
- Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.





## TRUSS DETAIL VALLEY

HORD 2X4 SP #2 OR SPF #1/#2 OR BETTER. HORD 2X3(\*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER. WEBS 2X4 SP #3 OR BETTER. TOP CHORD A

- \* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE)
- (2) 16d BOX (0.135" X 3.5") NAILS TOE—NAILED FOR FEBC 2004 110 MPH, ASCE 7—02 110 MPH WIND OR (3) 16d FOR ASCE 7—02 130 MPH WIND. 16" NEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF. ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: \*

UNIESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

MAXIMUM VALLEY VERFICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH: PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY IRUSS INSTALLATION PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN BY VALLEY TRUSSES USED IN LIEU OF PURILN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD. \*\*

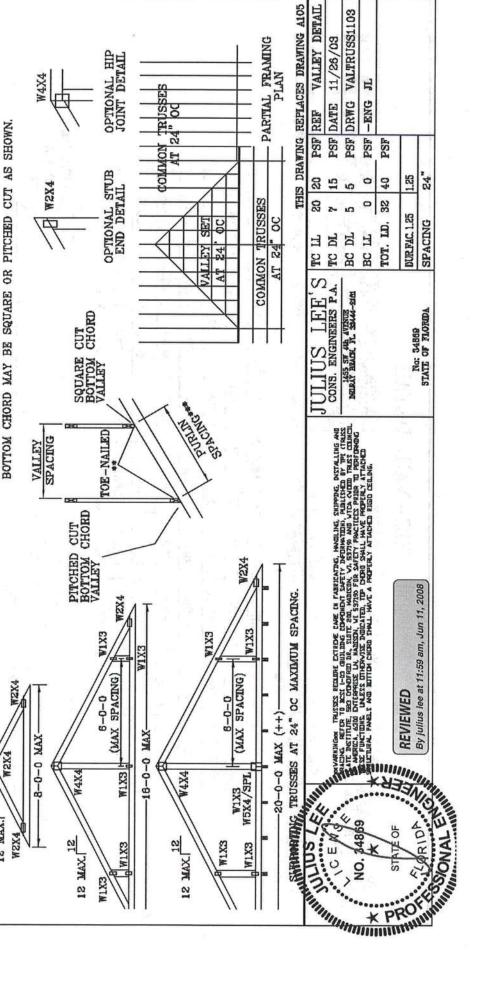
LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0". ‡

4-0-0 MAX

IZ MAX.

CUT FROM 2X6 OR LARGER AS REQ'D

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN,



EX REGURE DOTRIDE LARE IN FABRICATING, HANDLING, SKIPPING, DISTALLING AND SEXT HOLD STREET PARRIAMENTING, PRLITE, BY THE ITEMS SO CHOOFERD DR. SUITE 200, MADICINI, VI. 53779. AND WITCH CHOOL TRUES COUNCIL RESIDENCY, VI. 53779. FIRE ACTEST PRACTICES PRING TO EXPERIENCE MADICINI, AND STREET PRACTICES PRING TO EXPERIENCE MADICINI, THE DOTRI SHALL HAVE PROPERLY ATTACHED AND STITLE CHOOL SHALL HAVE A PROPERLY ATTACHED.

STATE OF REVIEWED BY JULIN

PSF DRWG VALTRUSS1103 H -ENG PSF PSF 24 1.25 40 0 32 DUR FAC 1.25 SPACING TOT. ID. BC DI BC LL MEIRAY BEACH, TL. 35444-2161 No: 34869 STATE OF FLORIDA

PSF DATE 11/26/09

TC DL

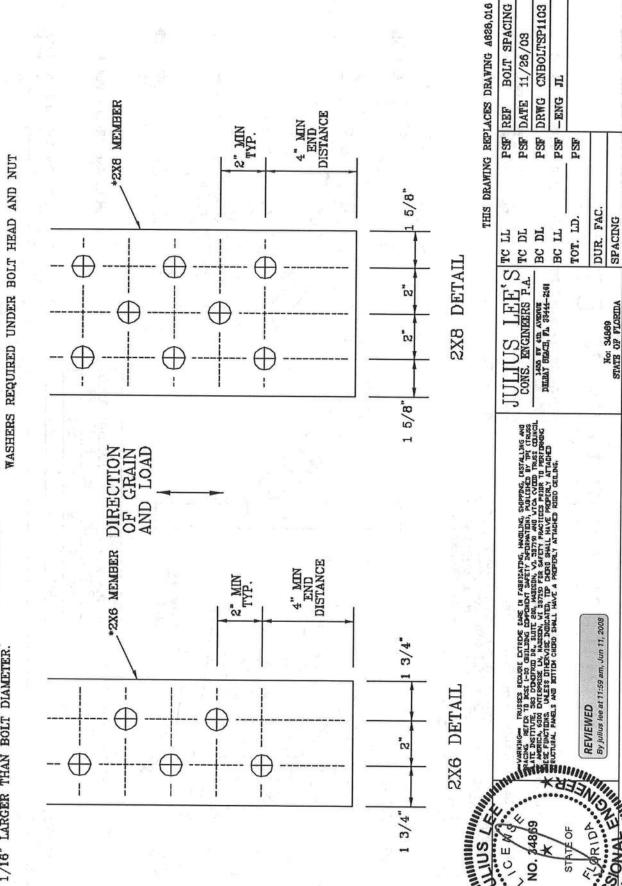
CONS. ENGINEERS P.A.

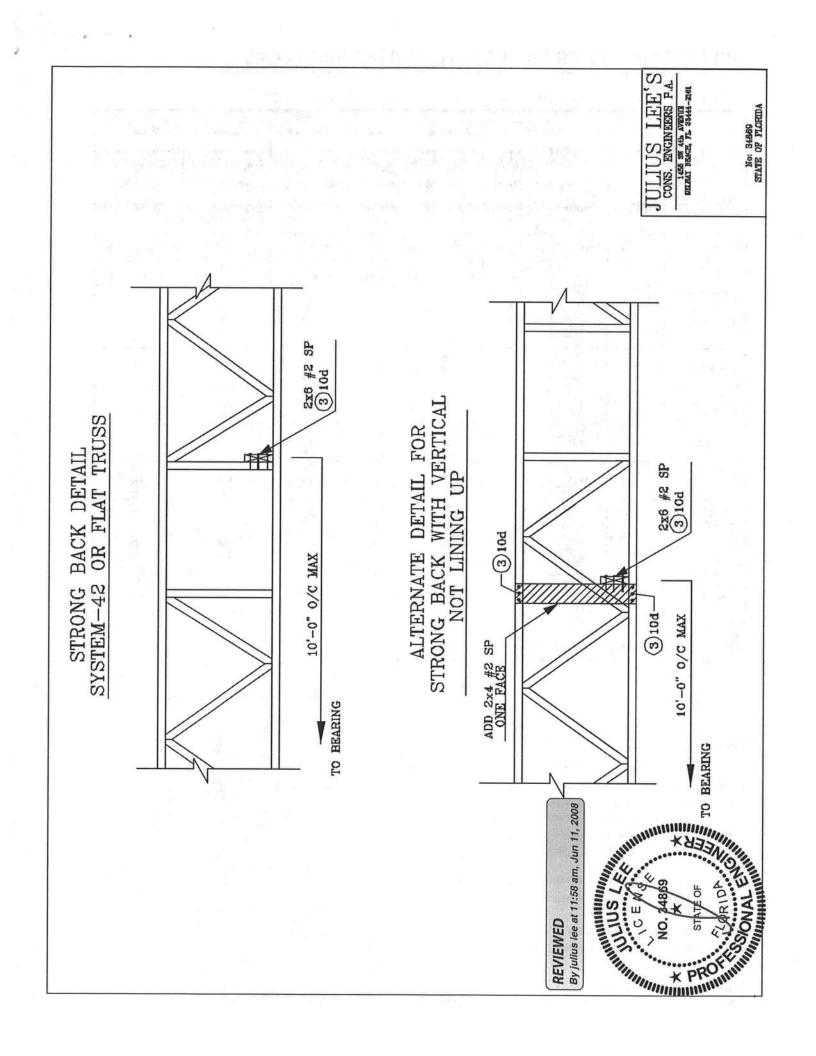
# TO GRAIN. PARALLEL /2" DIAMETER BOLT SPACING FOR LOAD APPLIED

\* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.





## MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

### Point Load—Maximum Point Load Applied to Either Outside Member (lbs)

		Connector Pattern								
Connector Type	Number of Connectors	Assembly A  1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Assembly B	Assembly C	Assembly E  2*  1  2*  3½*  3½*  3½*  3½*					
		3½" 2-ply	51/4" 3-ply	51/4" 2-ply	134" 3½" 1¾" 7" 3-ply	7" 2-ply	1¾" 7" 4-ply			
	6	1,110	835	835	740					
10d (0.128" x 3")	12	2,225	1,670	1,670	1,485					
Nail	18	3,335	2,505	2,505	2,225					
	24	4,450	3,335	3,335	2,965					
SDS Screws	4	1,915	1,435(2)	1,435	1,275	1,860(3)	1,405(3)			
1/4" x 31/2" or WS35	6	2,870	2,150(2)	2,150	1,915	2,785(3)	2,110(3)			
1/4" x 6" or WS6(1)	8	3,825	2,870(2)	2,870	2,550	3,715(3)	2,810(3)			
2168 04 58	4	2,545	1,910(2)	1,910	1,695	1,925(4)	1,775(4)			
33/8" or 5" TrussLok"	6	3,815	2,860(2)	2,860	2,545	2,890(4)	2,665(4)			
HUSSEUK	8	5,090	3,815(2)	3,815	3,390	3,855(4)	3,550(4)			

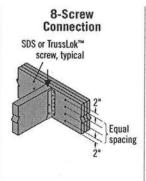
(1) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

See General Notes on page 38

- (2) 31/2" and 35/4" long screws must be installed on both sides.
- (3) 6" long screws required.
- (4) 5\* long screws required.

### **Point Load Connections**

## 4- or 6-Screw Connection SDS or TrussLok™ screw, typical 2", typical top and bottom ½ beam depth



## Nail Connection 10d (0.128" x 3") nails, typical. Stagger to prevent splitting. 2" spacing, typical 2" 1½" minimum

There must be an equal number of nails on each side of the connection

### Point Load Design Example



First, verify that a 3-ply, 1¾" x 14" beam can support the 3,000 lb point load as well as all other loads applied. The 3,000 lb point load is being transferred to the beam with a face mount hanger. For a 3-ply, 1¾" assembly, eight 3¾" TrussLok™ screws are good for 3,815 lbs with a face mount hanger.

## **MULTIPLE-MEMBER CONNECTIONS FOR TOP-LOADED BEAMS**

spacing,

### 13/4"-Wide Pieces

- Minimum of three rows of 10d (0.128" x 3") nails at 12" on-center.
- Minimum of four rows of 10d (0.128" x 3") nails at 12" on-center for 14" or deeper.
- If using 12d-16d (0.148"-0.162" diameter) nails, the number of nailing rows may be reduced by one.
- Minimum of two rows of SDS, WS, or TrussLok™ screws at 16" on-center. Use 3¾" minimum length with two or three plies; 5" minimum for 4-ply members. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. For 3- or 4-ply members, connectors must be installed
- on both sides. Stagger fasteners on opposite side of beam by ½ of the required connector spacing.
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.

### 31/2"-Wide Pieces

- Minimum of two rows of SDS, WS, or TrussLok™ screws, 5" minimum length, at 16" on-center. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. Connectors must be installed on both sides. Stagger fasteners on opposite side of beam by ½ of the required connector spacing.
- Minimum of two rows of ½" bolts at 24" on-center staggered.
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.





Multiple pieces can be nailed or bolted together to form a header or beam of the required size, up to a maximum width of 7"

## Julius Lee

RE: 363102 -

1109 Coastal Bay Blvd. **Boynton Beach, FL 33435** 

Site Information:

Project Customer: Munchies Food Store Project Name: 363102 Model: Cooler Addition

Lot/Block: Subdivision:

Address: Highway 90 East

City: Lake City State: Florida

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: Unknown at time of Seal License #: Unknown at time of Seal

Address: Unknown at time of Seal

City: Unknown at time of Seal State: Florida

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2007/TPI2002

Wind Code: ASCE 7-05 Wind Speed: 120 mph

Design Program: MiTek 20/20 7.1

Floor Load: N/A psf

Roof Load: 32.0 psf

This package includes 2 individual, dated Truss Design Drawings and 0 Additional Drawings. With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules. This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

In the event of changes from Builder or E.O.R. additional coversheets and drawings may accompany this coversheet. The latest approval dates supersede and replace the previous drawings.

No.	Seal#	Truss Name	Date 2/21/011		
1	14633501	T01			
2	14633502	T01G	2/21/011		

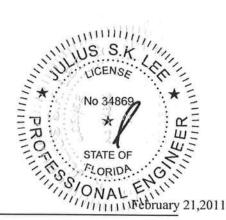


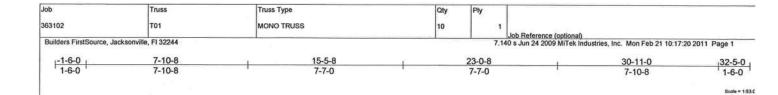
The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Builders FirstSource (Jax).

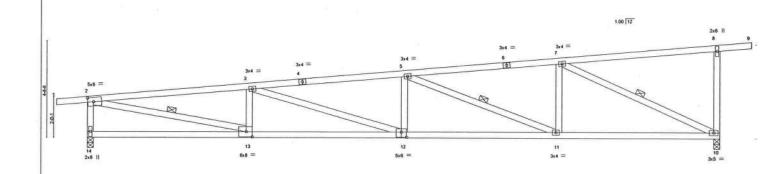
Truss Design Engineer's Name: Julius Lee

My license renewal date for the state of Florida is February 28, 2013.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.







1	7-10-8	15-5-8	23-0-8	30-11-0	_
200	7-10-8	7-7-0	7-7-0	7-10-8	- 1
Plate Offsets (X,Y): [2:0-3	3-5,0-2-8], [12:0-3-0,0-3-0], [13:0-3-8,0-3-0]			AL-34W1840	
LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) I/defl L/d	PLATES GRIP	
TCLL 20.0	Plates Increase 1.25	TC 0.67	Vert(LL) 0.34 12-13 >999 240	MT20 244/190	
TCDL 10.0	Lumber Increase 1.25	BC 0.56	Vert(TL) -0.54 12-13 >682 180	100000 000000	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.84	Horz(TL) 0.10 10 n/a n/a		
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	55,75	Weight: 163 lb	

WEBS

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

2 X 4 SYP No.3

BRACING TOP CHORD BOT CHORD WEBS

Structural wood sheathing directly applied or 3-4-2 oc purlins, except end verticals. Rigid ceiling directly applied or 4-11-10 oc bracing. 1 Row at midpt 2-13, 5-11, 7-10

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide

REACTIONS (lb/size) 14=1171/0-3-8 (min. 0-1-8), 10=1171/0-3-8 (min. 0-1-8) Max Horz 14=183(LC 5)

Max Uplift 14=-448(LC 4), 10=-403(LC 6)

FORCES (ib) - Max. Comp./Max. Ten. - All forces 250 (ib) or less except when shown.

TOP CHORD

OUT CHORD

OUT CHORD

12-14=-1126/726, 2-3=-2727/1644, 3-4=-2834/1718, 4-5=-2815/1723, 5-6=-1805/1117, 6-7=-1771/1119, 8-10=-312/244

12-13=-1578/2698, 11-12=-1621/2805, 10-11=-984/1780

2-13=-1518/2616, 3-13=-502/389, 5-11=-1102/685, 7-11=-202/538, 7-10=-1929/1167

NOTES

- 1) Wind: ASCE 7-05; 120mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

  2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads,
- 3) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 448 lb uplift at joint 14 and 403 lb uplift at joint 10. 5) "Semi-rigid pitchbreaks including heets" Member end fixity model was used in the analysis and design of this truss.
- 6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 7) For special connections with reactions or uplifts less than 300 lbs. Use typical toe-nail connection (refer to BFS detail package)
  8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



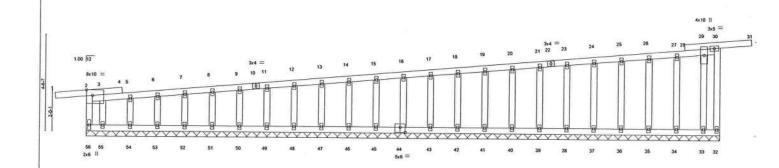
February 21,2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITER REFERENCE PAGE MII-7473 BEFORE USE.

Design volid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not trust designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to instead stability during construction is the responsibility of the prector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding labrication, quality control, storage, delivery, erection and bracing, consult. ANSI/TP11 Quality Criteria, DS8-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435

Job Truss Truss Type Qty 363102 T01G GABLE Job Reference (optional) 7.140 s Jun 24 2009 MiTek Industries, Inc. Mon Feb 21 10:17:58 2011 Page 1 Builders FirstSource, Jacksonville, FI 32244 32-5-0 30-11-0 30-11-0 1-6-0 Scale \* 1:53.0



30-11-0 Plate Offsets (X,Y): [2:0-3-8,Edge], [44:0-3-0,0-3-0]									
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 5.0	SPACING         2-0-0           Plates increase         1.25           Lumber increase         1.25           Rep Stress incr         NO           Code FBC2007/TPI2002	CSI TC 0.40 BC 0.20 WB 0.03 (Matrix)	Vert(TL) -	in ( 0.00 -0.01 0.00	(loc) I 30 31 32	/defi n/r n/r n/a	L/d 120 90 n/a	PLATES MT20 Weight: 192 lb	GRIP 244/190

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

2 X 4 SYP No.3 2 X 4 SYP No.3

WEBS OTHERS

BRACING TOP CHORD BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 6-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb) -

All bearings 30-11-0. Max Horz 56=236(LC 5)

Max Uplift All uplift 100 lb or less at joint(s) 56, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 43, 42, 41, 40, 39, 38, 37, 36, 35,

34, 33 except 32=-210(LC 5), 55=-373(LC 5)

Max Grav All reactions 250 lb or less at joint(s) 32, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 45, 42, 41, 40, 39, 38, 37, 36, 35, 34, 33 except 56=323(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- 1) Wind: ASCE 7-05; 120mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail" 3) All plates are 2x4 MT20 unless otherwise indicated.

Gable requires continuous bottom chord bearing.
 Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

6) Gable studs spaced at 1-4-0 oc.

- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
   This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

  9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 56, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54,
- 43, 42, 41, 40, 39, 38, 37, 36, 35, 34, 33 except (ji=b) 32=210, 55=373.

  10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

12) For special connections with reactions or uplifits less than 300 lbs. Use typical toe-nail connection (refer to BFS detail package)

13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869. Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



February 21,2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII 7473 BEFORE USE. Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the exercise. Additional permonent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding labrication, quality control, storage, delivery, erection and bracing, consult. ANSI/TP1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information.

Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435

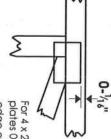
## Symbols

## PLATE LOCATION AND ORIENTATION



Dimensions are in ft-in-sixteenths.

Apply plates to both sides of truss offsets are indicated. and fully embed teeth Center plate on joint unless x, y



For  $4 \times 2$  orientation, locate plates  $0^{-1}$ <sub>ns</sub>" from outside edge of truss.

required direction of slots in connector plates This symbol indicates the

\*Plate location details available in MiTek 20/20 software or upon request

## PLATE SIZE

4 × 4

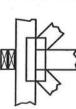
The first dimension is the plate width measured perpendicular the length parallel to slots. to slots. Second dimension is

## LATERAL BRACING LOCATION



if indicated. Indicated by symbol shown and/or output. Use T, I or Eliminator bracing by text in the bracing section of the

## BEARING



number where bearings occur. reaction section indicates joint Indicates location where bearings (supports) occur. Icons vary but

## Industry Standards:

ANSI/TPI1:

DSB-89:

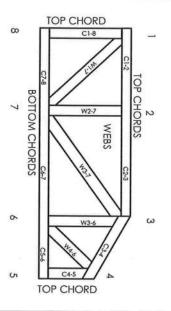
Plate Connected Wood Truss Construction. National Design Specification for Metal

Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Building Component Safety Information, Design Standard for Bracing.

Connected Wood Trusses

# Numbering System





JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

## PRODUCT CODE APPROVALS

CC-ES Reports:

ESR-1311, ESR-1352, ER-5243, 9604B, 9730, 95-43, 96-31, 9667A NER-487, NER-561 95110, 84-32, 96-67, ER-3907, 9432A

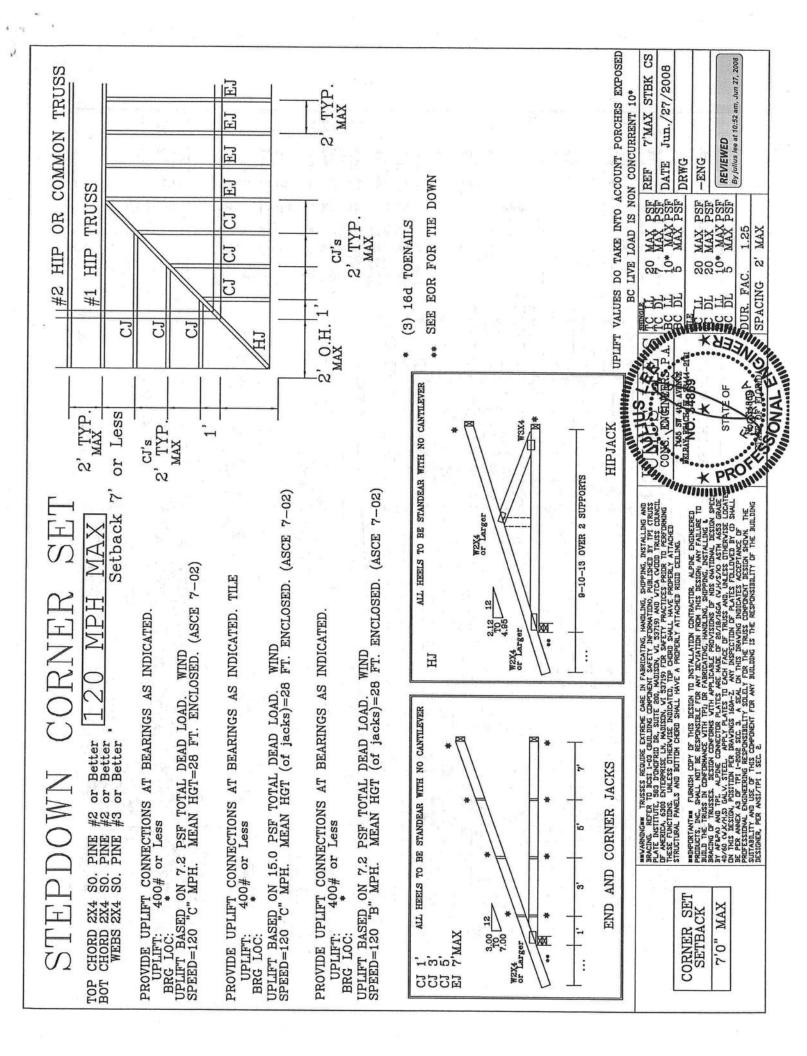
© 2006 MiTek® All Rights Reserved

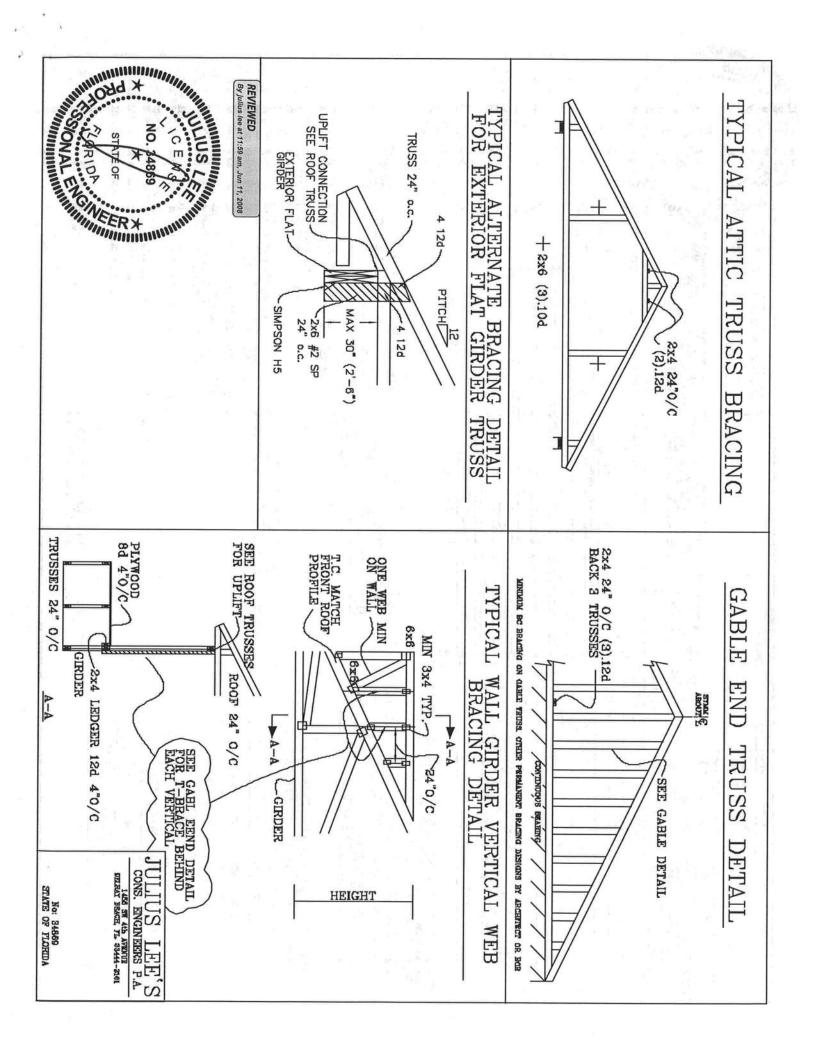
## Boynton, FL 33435 Julius Lee 1109 Coastal Bay Blvd.

# General Safety Notes

## Damage or Personal Injury Failure to Follow Could Cause Property

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSII.
- Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication
- Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection
- Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that
- Top chords must be sheathed or purlins provided at spacing indicated on design.
- Bottom chords require lateral bracing at 10 ft. spacing. or less, if no ceiling is installed, unless otherwise noted
- Connections not shown are the responsibility of others
- 16. Do not cut or after truss member or plate without prior approval of an engineer.
- Install and load vertically unless indicated otherwise.
- Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
- Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
- 20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria





## VALLEYTRUSS DETAIL

BOT CHORD SHAM 2X4 SP #2 OR SPF #1/#2 OR BETTER. 2X3(\*) OR 2X4 SP #2N OR SPF #1/#2 2X4 SP #3 OR BETTER. OR BETTER.

- ZX3 MAY BE RIPPED FROM A ZX6 (PITCHED OR SQUARE).
- \* ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENC BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF. FHC 2004 110 MPH, ASCE 7-02 110 MPH WIND ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, (2) 18d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR OR (3) 16d FOR ENCLOSED

UNIESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"—BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9"

MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH: PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION

BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN. PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN

++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS HENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

\*\*\*

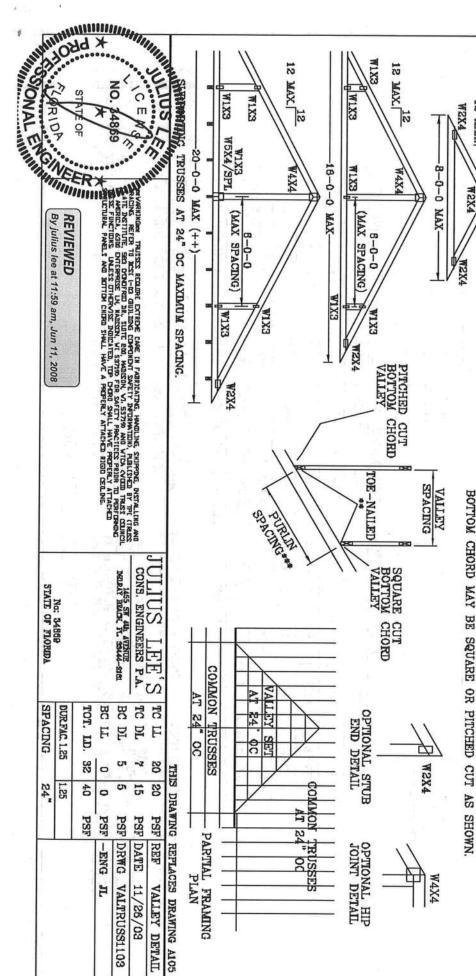
LARGER AS REQ'D

4-0-0

MAX

12 NAX.

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN



SPACING

24

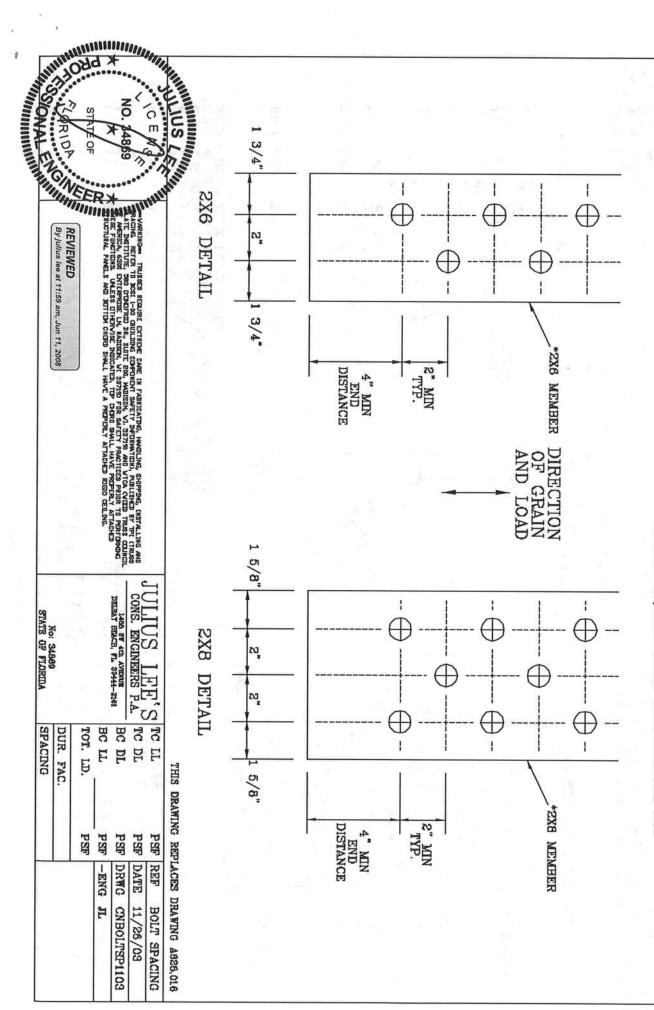
## DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

\* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PAITERNS SHOWN BELOW.

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



## STATE OF THE STATE By julius lee at 11:58 am, Jun 11, 2008 REVIEWED TO BEARING TO BEARING ADD 2x4 #2 SP ONE FACE 10'-0" O/C MAX SYSTEM-42 STRONG BACK WITH VERTICAL NOT LINING UP STRONG (3)10d-ALTERNATE 10'-0" O/C MAX BACK DETAIL (3)10d OR FLAT TRUSS DETAIL FOR 2x6 #2 SP 3 10d #2 ULIUS LEE'S CONS. ENGINEERS P.A. No: 34869 STATE OF FLORIDA

## **MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS**

### Point Load—Maximum Point Load Applied to Either Outside Member (lbs)

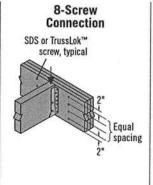
				C	onnector Pattern		
		Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
Connector Type	Number of Connectors	1 2' 1 1 2'				1 2 1 1 2 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1	2"
		31/2" 2-ply	5¼" 3-ply	134" 3½"  51/4" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
	6	1,110	835	835	740		
10d (0.128" x 3")	12	2,225	1,670	1,670	1,485		
Nail	18	3,335	2,505	2,505	2,225		
	24	4,450	3,335	3,335	2,965		
SDS Screws	4	1,915	1,435(2)	1,435	1,275	1,860(3)	1,405(3)
1/4" x 31/2" or WS35	6	2,870	2,150(2)	2,150	1,915	2,785(3)	2,110(3)
1/4" x 6" or WS6(1)	8	3,825	2,870(2)	2,870	2,550	3,715(3)	2,810(3)
33/8" or 5"	4	2,545	1,910(2)	1,910	1,695	1,925(4)	1,775(4)
3%° or 5" TrussLok™	6	3,815	2,860(2)	2,860	2,545	2,890(4)	2,665(4)
,,,,,,,,	8	5,090	3,815(2)	3,815	3,390	3,855(4)	3,550(4)

- (1) 6\* SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.
- (2) 3½" and 3½" long screws must be installed on both sides.
- (3) 6\* long screws required.
- (4) 5\* long screws required.

### See General Notes on page 38

### **Point Load Connections**

## 4- or 6-Screw Connection SDS or TrussLok™ screw, typical 2", typical top and bottom ½ beam depth



## Nail Connection 10d (0.128" x 3") nails, typical. Stagger to prevent splitting. 2" spacing, typical 2" minimum spacing, typical There must be an equal number of nails on each side of the connection

## Point Load Design Example



First, verify that a 3-ply, 1¾" x 14" beam can support the 3,000 lb point load as well as all other loads applied. The 3,000 lb point load is being transferred to the beam with a face mount hanger. For a 3-ply, 1¾" assembly, eight 3¾" TrussLok™ screws are good for 3,815 lbs with a face mount hanger.

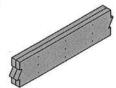
## MULTIPLE-MEMBER CONNECTIONS FOR TOP-LOADED BEAMS

### 1¾"-Wide Pieces

- Minimum of three rows of 10d (0.128" x 3") nails at 12" on-center.
- Minimum of four rows of 10d (0.128" x 3") nails at 12" on-center for 14" or deeper.
- If using 12d-16d (0.148"-0.162" diameter) nails, the number of nailing rows may be reduced by one.
- Minimum of two rows of SDS, WS, or TrussLok™ screws at 16" on-center. Use 3¾" minimum length with two or three plies; 5" minimum for 4-ply members. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. For 3- or 4-ply members, connectors must be installed
- on both sides. Stagger fasteners on opposite side of beam by ½ of the required connector spacing.
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.

### 31/2"-Wide Pieces

- Minimum of two rows of SDS, WS, or TrussLok™ screws, 5" minimum length, at 16" on-center. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. Connectors must be installed on both sides. Stagger fasteners on opposite side of beam by ½ of the required connector spacing.
- Minimum of two rows of ½" bolts at 24" on-center staggered.
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.



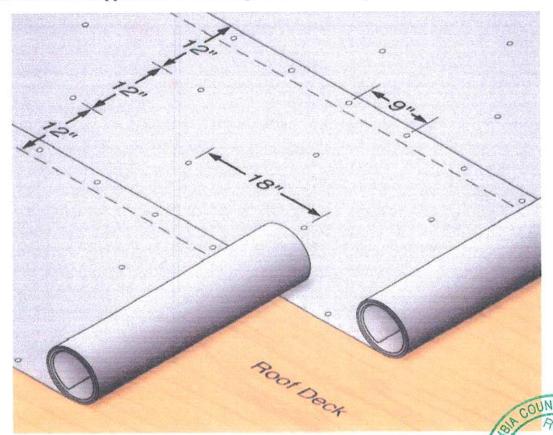


Multiple pieces can be nailed or bolted together to form a header or beam of the required size, up to a maximum width of 7" FlintPrime SA, water-based primer is recommended when installing self-adhering systems.

Metal flashings must also be primed with a suitable asphalt primer for metal, and primer must be thoroughly dry and any solvents evaporated prior to application received membrane flashing.

**Page Sheet Application** 

Tode In new construction or re-roofing applications, an appropriate CertainTeed base moliances heet must be installed over the substrate. Unless otherwise specified, base sheet EXAMIN must be overlapped min. 4" at endlaps and 2" at sidelaps.



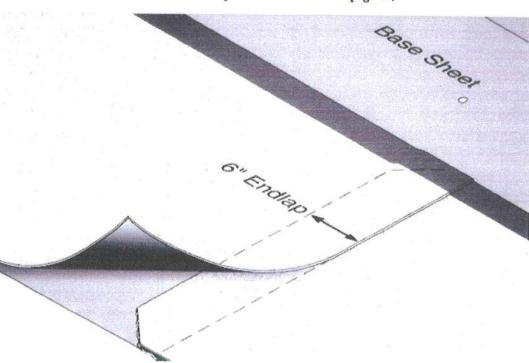
For nailable substrates, base sheet must be mechanically fastened in accordance with NRCA standards (fasteners placed every 9" o.c. at sidelaps and every 18" o.c. in two staggered rows in the field of the sheet; the two staggered rows are placed 12" from each sidelap).

For non-nailable surfaces, spot mopping with hot asphalt at the minimum rate of one 9"-12" circle every 18"-24" o.c. in all directions, using appropriate type asphalt at the minimum rate of 15 lbs. per square, is the standard spot mopping method. Refer to www.roofnav.com for specific information regarding Factory Mutual requirements, which may differ per individual specification. Refer also to the "Hot Asphalt Application" section on page 21 of this booklet.

### Cap Sheet Application

Begin Flintlastic SBS modified bitumen membrane cap sheet application by unrolling the roll and aligning the sidelaps. Re-roll the roll halfway. Standing on the unrolled portion to prevent shifting, begin hot asphalt application\* to the substrate at the rate of 25 lbs./100 ft². Do not apply asphalt more than 6' in front of the roll at any time to prevent premature cooling. Overlap subsequent rolls with 4" sidelaps and 6" endlaps. See illustration on following page. Cap sheet sidelaps must be staggered from the interply sidelaps. Endlaps must be staggered a min. of 3' apart.

For cold adhesive application, use the mop and flop method and back mop all side and end laps. Roll all side and end laps with a seam roller upon completion of the work. (\*Or substitute appropriate SBS modified bitumen adhesive as described on page 22).



Overlap Flintlastic Cap sheet endlaps a minimum of 6". (Note: cut endlap corners as shown on page 12)

## Flashing Details: Flintlastic SBS Modified Bitumen

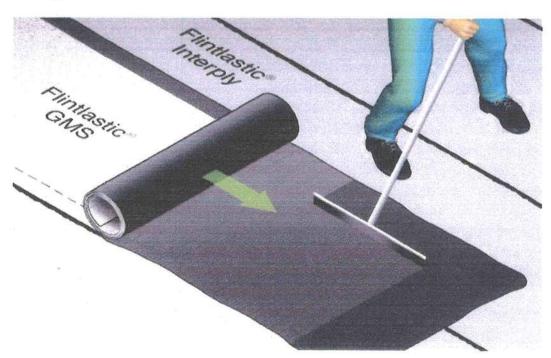
Flashing details are accomplished using cut pieces of Flintlastic SBS modified bitumen (base flashing and counterflashing strips), sometimes in combination with appropriate prefabricated flashing components.

The flashing and counterflashing membrane are set in either hot asphalt or appropriate SBS modified bitumen elastomeric flashing cement, or torch applied. The same side and endlap rules apply to flashing details as to field membrane. Examples of typical flashing details are as follows:

### **Cold Adhesive Application**

SBS modified bitumen adhesive used to apply Flintlastic SBS modified bitumen membrane must be of a type recognized by CertainTeed Corp. as suitable (min. ASTM D-3019, Type III). Adhesive must be stored, handled and applied in a manner consistent with the adhesive manufacturer's recommendations. Strict attention must be paid to every aspect of the adhesive manufacturer's requirements including, but not limited to, weather and climate limitations, application method and technique, curing time, application rates (gallons/100 ft²), handling and storage. Proper squeegee or spray equipment must be used. Do not use modified bitumen adhesives in areas without proper ventilation.

Membrane application requirements such as endlap and sidelap widths, number and order of plies and flashing details are the same for both hot and cold applications.



Flintlastic GMS can be applied using approved SBS Modified Bitumen adhesives (squeegee method shown).

### Interply or Mid-ply Application

If the Flintlastic SBS modified bitumen specification calls for interply layers, begin membrane application by unrolling the roll and aligning the sidelaps. Re-roll the roll halfway. Standing on the unrolled portion to prevent shifting, begin hot asphalt application\* to the substrate at the rate of 25 lbs./100 ft². Do not apply asphalt more than 6' in front of the roll at any time to prevent premature cooling. Overlap subsequent rolls with appropriate sidelaps and endlaps as specified in the CertainTeed Commercial Roof Systems Manual for the Flintlastic SBS modified bitumen product being used.

## CertainTeed 5

## LIMITED PRODUCT WARRANTY

Owner: Owner Address; Suilding Address:	EAK # 317-3036
# of Squares; CT Product Specification No: Description of Building Use: Applicator: Roof Completion Date: Applicator's Address: Applicator's Phone;	10-year 12-year 15-year 20-year

Certain leed Corporation (CT) hereby warrants the roof membrane installed at the above address, subject to the following terms, conditions, limitations and exclusions, for the period checked above from the date Completion of the roof membrane installed at the above address, subject to the following terms, conditions, limitations and exclusions, for the period checked above from the date Completion of the roof membrane installed at the above address, subject to the following terms, conditions, limitations and exclusions, for the period checked above from the date Completion of the roof membrane installed at the above address, subject to the following terms, conditions, limitations and exclusions, for the period checked above from the date Completion of the roof membrane installed at the above address, subject to the following terms. CertainTeed Corporation (CT) hereby warrants the roof membrane installed at the above address, subject to the following terms, coaditions, limitations and exclusions, for the period checked above from the date of completion of the roof membrane installation. It during the duration of this Limited Warranty, a manufacturing defect in the roof membrane causes a leak, CT or its designated roofing contractor will, at CT's sole discretion, repair or replace the roof membrane materials only as necessary to restore it to a waterfight condition. Only manufacturing defects in the roof membrane that cause leaks are govered by this Limited Warranty. CT's MAXIMUM LIABILITY during the first year of this Warranty is the original cost of the CT membrane materials only. After the tirst year, CT's maximum liability is the original cost of the CT membrane materials only. After the tirst year, CT's maximum liability is the original cost of the CT on the roof reduced by 5% for 20-year warranties, 6.67% for 15-year warranties, 8.3% for 12-year warranties and 10% for 10-year warranties during each subsequent year, less any costs previously incurred by CT for on the roof replacements. In no event, however, will CT be responsible for any costs related to the removal or substricted of any aspectos present in any existing roof system to which the CT roof membrane, as used herein, shall include the following components: applicable base sheet(s), interplies and cap sheet(s) (with appropriate roof coating of surfaces) required for the above-selected warranty. Roof membrane and here not covered by this and asphalt material between typers when required, if applied per CT's Commarcial Roof Membrane Manual specification. Roof components which are not part of the roof membrane and roof inhered to the following: underlying roof deck, insulation, vapor retarders, fasteners, metal work, drains, pitch pans, expansion joints, skylights, vents, plastic accessories, any flashing. Coverage

decorative or reflective coating, surfacing and/or any aggregates. This Limited Warranty does not gover leaks, damages or injuries of any typs, including, but not limited to, damage to roof insulation, roof decks or other bases over which the GT products are applied, sitributable ecity or indirectly to any of the following. Exclusions from Coverage

directly or indirectly to any of the following:

1. Natural disasters, including, but not limited to, cyclones, tornadoes, hurricanes or other winds exceeding Force 9 on the Beaufort scale, lightning, earthquakes, flood, hall or fire.

2. Falling objects.

3. Settlement, deflection, war, not or vandalism.

or other materials up to the materials and the content, inadequate attachment, or other deficiencies of the roof deck, pre-existing roof system, walls, foundations or any other part of the building structure, insulation or other materials up to the materials are the content, maintain and the content, inadequate attachment, or other materials up to the materials up to the content, maintain and the content in the conte or other materials underlying the roof membrane.

4. Failure of the roof membrane caused or contributed by:

a. Maintenance, repair or work on the root unrelated to the roof membrane, such as, but not limited to mechanical, electrical, plumblag, etc.;

b. Infiltration or condensation of moisture in, through or around the walls, copings and metal components, pitch pans, building structure or underlying or surrounding materials; c. Traffic of any nature or underlying or surrounding materials;

c. Traffic of any nature or use of the roof surface as a storage area, walking or recreational surface or for any other similar purpose;

d. Movement or deterioration of metal work used in conjunction with the roof membrane;

Movement or deterioration of metal work used in conjunction with the roof membrane.
 Deposits of solids or uquids which may cause deterioration of the roof membrane.
 Determine the roof membrane of the roof membrane.

Failure to adhere to CT's roof maintenance program (see CT's Roof Maintenance Form).
 Unauthorized application on excluded buildings of structures (see CT's General Requirements).
 Any change in the building's basic usage unless approved in advance in writing by CT.

8. Any use of roofing material of any kind or nature not approved in CT's Commercial Roof Systems Manual in effect at the time of installation.

9. Placement of any additional structures on the roof membrane (such as, but not limited to, equipment or framework used in connection with air conditioning units, transmission and/or reception devices, signs and/or water roughly units. and/or water towers).

10. Failure to maintain the watertight integrity of the roof system. (Owner must make repears to non-warranted items that affect the watertight integrity of the roof system). This Limited Warranty does not cover fading or other changes in color to the roof membrane as a result of airporne pollutants or other causes, including, but not limited to, natural fading.

Listapproved Repairs, Alberations, Additions or Deletions
All repairs, alterations, deletions or Deletions
All repairs, alterations, deletions or additions to any aspect of the roof, or any meterial configuous thereto, must have prior written approval of CTs Commercial Warranty Department (CertainTeed Roofing Products
Group, Commercial Warranty Department, 1400 Union Meeting Road, PO Box 1100, Rue Bell, PA 19422, (800) 396-8134). If Owner, without prior written consent of CT, makes or permits any repairs, alterations or additions to the roof, all of CTs obligations, dules and coverage under this Limited Warranty will be worlded.

Name of Characteristics of CTs obligations, dules and coverage under this Limited Warranty will be worlded.

Any claim or request for CT to perform under this Limited Warranty must be made by Owner in writing within thirty (30) days of discovery of the defect, and Owner must send proof of purchase and samples that demonstrate the alleged manufacturing defect to CT's Commercial Warranty Department. This notice of claim must include a general description of the alleged defect. Owner shall grant access to the entire roofing System as necessary for CT to Investigate a claim. If access is not granted, CT shall have the right to determine, at its sole discretion, that this Limited Warranty is void as to that portion of the roof membrahe to which access is denied.

NOTE: In the avent an emergency condition exists which requires immediate repair to avoid damage to the building or its contents, Owner may make assential temporary repair(s) performed by a qualified FOOTE: CT will only raimburse Owner for assential temporary repair expenses that would have been covered under this Limited Warranty.

Only CT's Commercial Warranty Department is authorized to modify coverage provided by this Limited Warranty. Issuance of this Limited Warranty or review or inspection of plans, the building or product applicable by a CT representative does not valve any exclusions or conditions of this Limited Warranty. Application of a roof membrane that deviates from CT's Commercial Roof Systems Manual specifications voids coverage Unitess prior written approval is provided by CT's Commercial Warranty Department

This Limited Warranty may be transferred to a subsequent owner only if CT's Commercial Warranty Department is notified, at the above listed Blue Bell address, within thirty (30) days of real estate title transfer a Up on payment of the applicable transferred to a subsequent owner only if CT's Commercial Warranty Department is notified, at the above listed Blue Bell address, within thirty (30) days of real estate title transfer a Up on payment of the applicable transferred to a subsequent owner of transferred to the up of the applicable transferred to a subsequent owner of transferred to the up of the applicable transferred to a subsequent owner of the up of Warranty will be voided.

Condition Pertaining to Warranty Issuence
This limited warranty shall become effective following complete installation of the roof membrane and payment in full to the roofing contractor.

THIS DOCUMENT CONSTITUTES THE EXCLUSIVE WARRANTIES AND REMEDIES PROVIDED BY CERTAINTEED. THE WARRANTIES AND REMEDIES CONTAINED IN THIS DOCUMENT ARE EXPRESSLY IN LIEU

THIS DOCUMENT CONSTITUTES THE EXCLUSIVE WARRANTIES AND REMEDIES PROVIDED BY CERTAINTEED. THE WARRANTIES AND REMEDIES CONTAINED IN THIS DOCUMENT ARE EXPRESSED A PARTICULAR PURPOSE CERTAINTEED'S OBLIGATIONS

LOWING THE SALE THAT A PROPERTY OWNER MAY SEEK A REMEDY UNDER THE IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, CERTAINTEED'S OBLIGATIONS

ESPONSIBILITIES AND LIABILITY SHALL BE LIMITED TO REPAIRING OR REPLACING THE DEFECTIVE ROOF MEMBRANE PRODUCT AS SET FORTH IN THIS LIMITED WARRANTY. IN NO EVENT SHALL

EXTRAINTEED BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING ANY DAMAGE TO THE PROPERTY. THE BULLDING OR ITS TOT FILE OF THE MOOF MEMBRANE PRODUCT OR AS A RESULT OF THE BREACH OF THIS WARRANTY. IF YOUR STATE OR PROVINCE DOES NO

LAURY TO ANY PERSONS THAT MAY DECUR AS A RESULT OF THE GOOF MEMBRANE PRODUCT OR AS A RESULT OF THE BREACH OF THIS WARRANTY. IF YOUR STATE OR PROVINCE DOES NO

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ALLOW EXCLUSIONS OR LIMITATIONS OF SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. IN NO EVENT SHALL CERTAINTEED'S TOTAL

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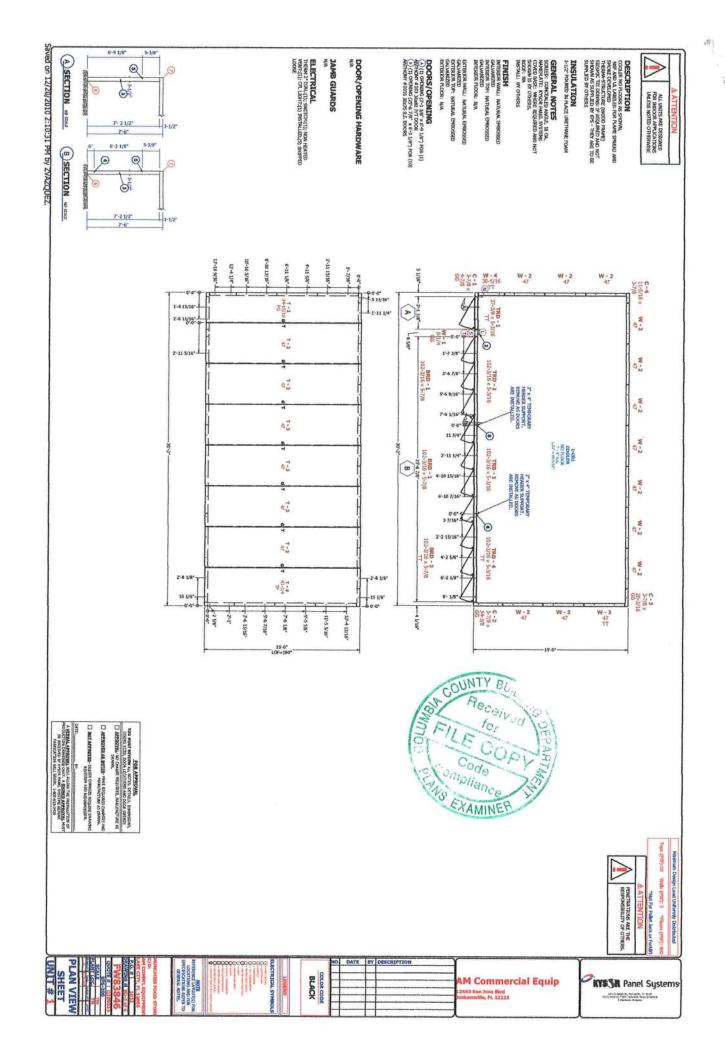
This Limited Warrange.

This Limited Warranty may not be modified, attend or expanded by anyone, including product distributors, dealers, sellers, installers and/or CertainTeed field representatives. This Limited Warranty may not be modified, attend or expanded by anyone, including product distributors, dealers, sellers, installers and/or CertainTeed field representatives. This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from State to State or Province to Province.

Any and all claims, disputes and other matters in question that may occur between Owner, the contractor, and/or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and any and all claims, disputes and other matters in question that may occur between Owner, the contractor, and/or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or contractor, and/or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or contractor, and/or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or contractor, and/or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or contractor, and/or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or contractor, and/or CT, arising out of, in connection with, or relating to this Limited Warranty or breach thereof, and or contractor, and/or CT, arising out of, in connection with, or relating to the contractor, and/or CT, arising out of, in connection with, or relating to the contractor, and/or CT, arising out of, in connection with, or relating to the contractor, and/or CT, arising out of, in connection with a contractor, and/or CT, arising out of, in connection with a contractor, and/or CT, arising out of, in connection with a contractor, and/or CT, arising out of, in connection with a contractor, and/or C Sa Frail be final, and judgment may be entered upon such award in accordance with applicable law in any court having jurisdiction thereof.

issuance of this Limited Warranty or root inspections made by CT or an authorized agent of CT do not constitute an approval of the roof, roof design plans or specifications, or construction or installation of the roof does not practice engineering or architecture. Roof designs, construction plans or installation of the roof system should be approved by Owner or Owner's professional.

Name: All referenced documents/forms are available at www.certainteed.com. of by calling 1-880-233-8990.



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HANCE TO STATE TO STA	PO DATE	BY DESCRIPTION  AM Commercia  2443 San Jose Bird  3xCharrer Rt. 52223	at Equip

## Panel Systems

## Refrigeration Electrical Pre-Approval

: 12/14/2010 Date

Quote # : Q109323

Name

: AM Commercial Equip

Job # : FW83846

Address : 12443 San Jose Blvd

Job Name : PIT STOP C/O:

: Jacksonville, FL 32223

Notes

Attn

Fax

: 904-292-2880 Phone : 904-292-2880

mit	Oty.	Factory Wodel #	HP	Voltage	Phase	MCA	Neight	Type	- Auto-
1	2	RLH201M44D	2	208-230	Ti	23.00	298	Cooler	
		}							
-		·							
		Annual Control of the		-					
				<del> </del>	-			1	
				1	-				

C	gry.	Factory Model #	Width	Voltage	Phase	Fanlups	Weight	Type	Def.	Amp
1	2	AA48-2128AE	62.00	1157	1	4.00	181	Cooler	Γ	***
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NOTE : To ensure scheduled ship date, please return approval form as soon as possible. Failure to return in a timely manner can cause a delay in shipping!

NOTE : ANY CHANGES TO THE REFRIGERATION AFTER IT BAS SKIPPED PROM THE REFRIGERATION MANUFACTURER WILL RESULT IN RESTOCKING PRES AND SHIPPING CHARGES THAT WILL BE BILLED TO YOU!

M	APPROVAL	•	No	changes	required.
---	----------	---	----	---------	-----------

APPROVED AS NOTED - Make required changes.

NOT APPROVED - Changes required, revise and resubmit.

Date : 1 - 7 - 11

Approved By : MARCO

Return To : Refrigeration Department (Attn: dfanguy)

PAX : 817-231-0608

WOH 1654351

### ANTHONY INTERNATIONAL DOOR AND FRAME ELECTRICAL SPECIFICATIONS

Date:

12/21/10

Supercedes:

Customer:

AM COMMERCIAL EQUIPMENT

Work Order:

1654351

File: CUSTOM\*\*\*

Voltage:

120

Model Series:

401B (Drop-In)

NT/LT/EE/EF: Rail (W/N):

NT N

Dwg.#;

FDWD-

37

	Door :	Specifications Glass C			Code WEZRA	
Cust. Part Nos:		Glass Type:	2-Pane NHG	Reflective, Wa	rm Edge,w/Ard	
Anthony Part Nos:		Glass watts/sq ft:		-		
Door Width:	28 7/8	Glass/Panel Width:	28 15/16			
Door Height:	76 7/8	Glass/Panel Height:	74 15/16			
Loom Watts / ft:	1.00		Low	NOM .	High	
Loom Length:	211.3	Loom Ohms:	752.6	792.2	831.8	
Loom Ohms/ft:	45.0	Glass Ohms:				
Door Panel:	ALL GLASS	Total Door Ohms:	752.6	792.2	831.8	
		Total Door Amps:	0.14	0.15	0.16	

Frame Specifications

	-		-	Name and Address of the Owner, where the	pecinicatio	~~~				
Lamp Length:		72	Inches		Type of Li	ghting:	<b>T8 Lightin</b>	g		
No. of Doors			5							
Cust. Part Nos:										
Anthony Part Nos:										
Net Open. Height:			79 1/4			~				-
Net Open. Width:		1	52							
Heater	Watts	Loom	Ohms	Ohms	Loom	Ohms	Ohms	Loom	Ohms	Ohms
Looms	/ft	Inches	/ft	/Loom	Inches	/it	/Loom	Inches	/ft	/Loam
TOP			<del>(27 (414)</del> (27 (5))			A STATE OF THE STA		A. T. C.		A monthly and
втм							•	<b></b>		
END										
CTR										
PERIM.										
1 LOOM/DR.	3.65	215.5	12.0	216				-		
2 LOOMS/DR.										
OTHER										

Totals

No. of Doors		5							
	Low	NOM '	High	Low	NOM	High	Low	NOM	High
Total Door Ohms:	150.5	158.4	166.4		.: ,				
Total Frame Ohms:	41.0	43.1	45.4		٤.			100 100	- Umana-
Total Frame Amps:	2.64	2.78	2.92						
Total Heater Amps:	3.36	3.54	3.72		711 54				
Light Amps.:		3.70 4			32, 200				

Amperage Tolerances (+%)

Frame

Door

DropIn\_AG9T5

Heated glass:

5 5 10

Unheated glass: Prepared by:

5 Customer Approval:

Checked by:

LÇ MR

Date:

Notes:

### ANTHONY INTERNATIONAL DOOR AND FRAME ELECTRICAL SPECIFICATIONS

Date:

12/21/10

Supercedes:

Customer:

AM COMMERCIAL EQUIPMENT

Work Order:

1654351

120

File: CUSTOM WITH THRESHHOLD

Model Series:

403B (Drop-In Pass-Thru)

NT/LT/EE/EF: Rail (W/N)

NT N

Dwg.#;

Voltage:

FDWD-

	Door Spec	cfications	ations Glass Code WC2RA				
Cust. Part Nos:		Glass Type:	2-Pane Heated Reflective With Argon !				
Anthony Part Nos:		Glass watts/sq ft:		5.75			
Door Width:	34 5/8	Glass/Panel Width:	32 11/16				
Door Height:	78 7/8	Glass/Panel Height:	25 5/8				
Loom Watts / ft:	2.50	Glass Ohms/Sq: 620	Low	NOM	High		
Loom Length:	226.8	Loom Ohms:	287.2	302.3	317.5		
Loom Ohms/ft:	18.0	Glass Ohms;	393.1	473.6	554.1		
Door Panel:	1/3 GLASS, 2/3 SOLID	Total Door Ohms:	186.0	184.5	205.0		
		Total Door Amps:	0.59	. 0.65	0.72		

Frame S	pecific	cations
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Lamp Length:			Inches		Type of Lighting:					
No. of Doors			1							
Cust. Part Nos:										-
Anthony Part Nos:										
Net Open, Height:			81 1/4							
Net Open. Width:			36 3/4							- Indiana in the last
Heater	Watts	Loom	Ohms	Ohms	Loom	Ohms	Ohma	Loom	Ohms	Ohms
Looms	/ft	Inches	/h	/Loom	Inches	/ft	/Loom	Inches	/ft	/Loom
TOP								CHENCHEN	1	
ВТМ										
END										
CTR										
PERIM.								-		-
1 LOOM/DR.	5.50	195.4	9.5	155						-
2 LOOMS/DR.										
OTHER										

Totals

No. of Doors	1						74-0-0-0		
	Low	NOM .	High	Low	'NOM-	High	Low	NOM	High
Total Door Ohms:	166.0	. 184.5	205.0		` .			1 25	
Total Frame Ohms:	147.3	-154.7	162.8					41	-
Total Frame Amps:	0.74	0.78	0.82		1				
Total Heater Amps:	1.33	1.43	1.54		1			1	-
Light Amps.:							-	2 . 12	-

Amperage Tolerances (+%)

Frame

Door

Dropin\_AG9T5

Heated glass: Unheated glass:

5 5

10

Prepared by:

5 Customer Approval:

Checked by:

LC MR

Date:

Notes:

## ANTHONY INTERNATIONAL DOOR AND FRAME ELECTRICAL SPECIFICATIONS

Date:

12/21/10

Supercedes:

Customer:

AM COMMERCIAL EQUIPMENT

Work Order:

1654351

Voltage:

120

Model Series:

File: CUSTOM\*\*WITH THRESHHOLD

Model Selles.

403B (Drop-in Pass-Thru)

NT/LT/EE/EF: Rail (W/N): NT N

Dwg.#:

FDWD-

48

	Door 8	Glass Code WC2RA				
Cust. Part Nos:		Glass Type:	2-Pane Heated Reflective With Argon I			
Anthony Part Nos:		Glass watts/sq ft:	5.75		-	
Door Width:	34 5/8	Glass/Panel Width:	32 11/16 76 15/16			
Door Height:	78 7/8	Glass/Panel Height:				
Loom Watts / ft:	2.50	Glass Ohms/Sq: 63	Low	NOM	High	
Loom Length:	226.8	Loom Ohms:	287.2	: 302.3	317.5	
Loom Ohms/ft:	16.0	Glass Ohms:	125.7	151.5	177.2	
Door Panel:	ALL GLASS	Total Door Ohms:	87.4	100.9	113.7	
		Total Door Amps:	1.06	1.19	1.37	

			_	Frame 8	Specificatio	ns					
Lamp Length:			Inches		Type of Lighting:						
No. of Doors		V	1								
Cust. Part Nos:											
Anthony Part Nos:											
Net Open, Height:			81 1/4						-		
Net Open. Width:			36 3/4						***********		
Heater Looms	Watts /ft	Loom Inches	Ohms /ft	Ohms /Loom	Loom	Ohms /ft	Ohms /Loom	Loom	Ohms /ft	Ohms /Loom	
TOP						Name and Publishers of the Pub					
BTM											
END											
CTR											
PERIM.											
1 LOOM/DR.	5.50	195.4	9.5	155							
2 LOOMS/DR.						~~					
OTHER											

No. of Doors	1								
	Low	NOM	High	Low	NOM.	High	Low	NOM	High
Total Door Ohms:	87.4	100.9	113.7						
Total Frame Ohms:	147.3	154.7	162.8					9	-
Total Frame Amps:	0.74	0.78	0.82		i.				- Company of the Comp
Total Heater Amps:	1.80	1,97	2.19	-	.:1			4 50	
ight Amps.:									

Amperage Tolerances (+%)

Frame

Door

DropIn\_AG9T5

Heated glass: Unheated glass: 5 5

10 5

Prepared by:

LC

Customer Approval:

Checked by:

MR

Date:

Notes:



# COMPLETION

# **COLUMBIA COUNTY, FLORIDA**

# Department of Building and Zoning Inspection This Certificate of Occupancy is issued to the below named permit holder for the building

and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 34-3S-17-07078-000

Building permit No. 000029231

Permit Holder CHARLES B. ARD

Owner of Building OMI OF LAKE CITY, LLC. (MUNCHIES STORE)

Location: 1889 E. DUVAL STREET,LAKE CITY, FL 32055

Date: 04/07/2011

**Building Inspector** 

POST IN A CONSPICUOUS PLACE (Business Places Only)