

DATE 8/31/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000026074

APPLICANT ROXANNE NAPIER PHONE 719-7143
 ADDRESS 2109 W HIGHWAY 90 LAKE CITY FL 32055
 OWNER RESIDENIAL DEVELOPMENT GROUP PHONE _____
 ADDRESS 333 SW ROSEMARY DRIVE LAKE CITY FL 32024
 CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143

LOCATION OF PROPERTY HIGHWAY 90W, TL ON 252B, TR ON ROSEMARY DRIVE, (ENTRANCE INTO THE PRESERVE) 2/10 MILE ON RIGHT

TYPE DEVELOPMENT CLUB HOUSE ESTIMATED COST OF CONSTRUCTION 37000.00

HEATED FLOOR AREA 740.00 TOTAL AREA 740.00 HEIGHT _____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB

LAND USE & ZONING PRD MAX. HEIGHT 30

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 03-4S-16-02732-004 SUBDIVISION PRESERVE AT LAUREL LAKES

LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

00001426 CBC059323 *Roxanne Napier*

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____

WAIVER X07-266 BK JH N

Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 8700

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by _____ date/app. by _____ date/app. by _____

Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by _____ date/app. by _____ date/app. by _____

Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by _____ date/app. by _____

Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by _____ date/app. by _____ date/app. by _____

Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____

M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by _____ date/app. by _____

Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by _____ date/app. by _____ date/app. by _____

M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 185.00 CERTIFICATION FEE \$ 3.70 SURCHARGE FEE \$ 3.70

MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ _____

FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ _____ TOTAL FEE 267.40

INSPECTORS OFFICE *Isaac* CLERKS OFFICE *CN*

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

CHK# 8100

W# 8699

Columbia County Building Permit Application

For Office Use Only Application # 0706-90 Date Received 6/28/07 By G Permit # 1426/26074
 Application Approved by - Zoning Official BLK Date 30.07.07 Plans Examiner OK JH Date 7-26-07
 Flood Zone X Post Development Permit N/A Zoning PRD Land Use Plan Map Category Res. Low Den.
 Comments Finish Floor to be 1 ft above Rd.

NOC EH Deed or PA Site Plan State Road Info Parent Parcel # Development Permit

Name Authorized Person Signing Permit Rosalene Napier Fax _____ Phone 719-7143

Address 2109 W W Hwy 90, Suite 170, PMB # 338 Lake City, FL 32055

Owners Name Residential Development Group Phone _____

911 Address 333 SW Rosemary Drive Lake City, FL 32024

Contractors Name ISAC Construction Phone 719-7143

Address 2109 W W Hwy 90, Suite 170, PMB # 338 Lake City, FL 32055

Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____

Architect/Engineer Name & Address Ron Sealisi 1309 St. Johns Bluff Rd N. Jax. FL

Mortgage Lenders Name & Address FIRST FEDERAL SAVINGS BANK

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 03-45-16-02732-004 Estimated Cost of Construction 200,000

Subdivision Name THE PRESERVE AT LAUREL LAKE Lot _____ Block _____ Unit _____ Phase _____

Driving Directions 90 W to S. 252 B. On left side of the road. TR Deputy J Davis Lane, next road

PAST Red Maple Way, TL at Rosemary Dr.

Type of Construction Club House Number of Existing Dwellings on Property 0

Total Acreage 17,270 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 80' Side 120' Side 170' Rear 110'

Total Building Height 30' Number of Stories 1 Heated Floor Area 740 Roof Pitch 7/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner/Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 6th day of June 2007.

Personally known X or Produced Identification _____

[Signature]
 Contractor Signature
 Contractors License Number CBC 059323
 Competency Card Number _____
 NOTARY STAMP/SEAL [Signature] Barbara C. Webster
 Commission # DD329279
 Expires July 2, 2008
 Bonded Troy Pain Insurance, Inc. 800-385-7018
 Notary Signature

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

Parcel: 03-4S-16-02732-003

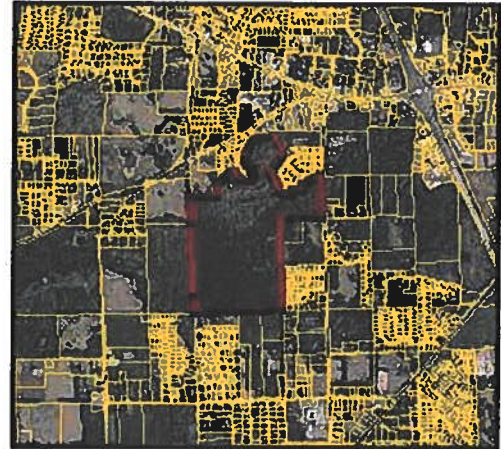
2007 Proposed Values

Owner & Property Info

Search Result: 1 of 1

| | | | |
|-------------------------|---|---------------------|----|
| Owner's Name | RESIDENTIAL DEVELOPMENT | | |
| Site Address | | | |
| Mailing Address | GROUP LLC 2806 WEST US HWY 90 SUITE 101 LAKE CITY, FL 32055 | | |
| Use Desc. (code) | NO AG ACRE (009900) | | |
| Neighborhood | 3416.00 | Tax District | 2 |
| UD Codes | MKTA06 | Market Area | 06 |
| Total Land Area | 281.000 ACRES | | |
| Description | BEG AT SE COR OF DEER CREEK PHASE 2, RUN SW ALONG S LINE OF PHS 2, 602.64 FT TO E'RLY LINE OF DEER CREEK PHS 3, RUN S'LY, W'LY & N'LY ALONG THE BNDRY LINES OF DEER CRK PHS 3 THE FOLLOWING CRSES: S 244.27 FT, W 208.29 FT, N 63.90 FT, W 106.38 FT, S 100 FT, S 53 DG W 155.42 FT, N 71 DG W 252.51 FT, N 7 DG W 163.76 FT, N 25 DG W 122.68 FT, N 40 DG W 138.89 FT, N 48 DG W 170.74 FT N 14 DG E 133.16 FT, N 36 DG E 96.68 FT, N 41 DG E 167.43 FT, N 52 DG E 105.03 FT, N 28 DG E 200 FT, N 41 DG E 129.87 FT, N 30 DG W 565.42 FT, W 548.53 FT, S 47 DG W 135.68 FT, S 25 DG W 579.79 FT TO SE COR OF LOT 16 LAUREL LAKE S/D, THENCE RUN ALONG THE E'RLY LINES OF SAID LAUREL LAKE THE FOLLOWING COURSES: S 31 DG E 204.23 FT, S 63 DG E 175.97 FT, S 15 DG W 125.10 FT TO END OF SAID CRSES RUN S 74 DG E 100 FT, S 15 DG W 100 FT, N 74 DG W 4.58 FT, S 24 DG W 187.99 FT, N 82 DG W 166.10 FT TO SE COR LOT 9 LAUREL LAKE, RUN ALONG THE S'RLY LINE OF SAID LAUREL LAKE THE FOLLOWING COURSES: N 82 DG W 156.76 FT, N 54 DG W 135 FT, N 24 DG W 205.73 FT TO S LINE LOT 6 LAUREL LAKE, RUN S 66 DG W ALONG S LINE OF LOT 6 & ITS W'RLY EXTENSION, 234.08 FT, S 40 DG W 279.88 FT, S 87 DG W 124.69 FT, S 458.47 FT, W 799.92 FT TO W LINE SEC, RUN S ALONG SEC LINE, 3412.25 FT TO SW COR SEC 3, RUN E ALONG SEC LINE, 2655.23 FT TO E LINE OF SW1/4, RUN N 1332.36 FT, RUN E 20.42 FT, N 1352.08 FT, E 1285.14 FT TO W R/W CR-252-B & A PT ON A CURVE, RUN N'RLY ALONG W R/W LINE, 1241.44 FT TO POB. ORB 1028-1087 | | |

GIS Aerial



Property & Assessment Values

| | | |
|------------------------------|----------|----------------|
| Mkt Land Value | cnt: (2) | \$2,107,500.00 |
| Ag Land Value | cnt: (0) | \$0.00 |
| Building Value | cnt: (0) | \$0.00 |
| XFOB Value | cnt: (0) | \$0.00 |
| Total Appraised Value | | \$2,107,500.00 |

| | |
|----------------------------|----------------|
| Just Value | \$2,107,500.00 |
| Class Value | \$0.00 |
| Assessed Value | \$2,107,500.00 |
| Exempt Value | \$0.00 |
| Total Taxable Value | \$2,107,500.00 |

Sales History

| Sale Date | Book/Page | Inst. Type | Sale VImp | Sale Qual | Sale RCode | Sale Price |
|------------|-----------|------------|-----------|-----------|------------|----------------|
| 10/18/2004 | 1028/1087 | WD | V | Q | | \$2,200,000.00 |

Building Characteristics

| Bldg Item | Bldg Desc | Year Blt | Ext. Walls | Heated S.F. | Actual S.F. | Bldg Value |
|-----------|-----------|----------|------------|-------------|-------------|------------|
| NONE | | | | | | |

Extra Features & Out Buildings

| Code | Desc | Year Blt | Value | Units | Dims | Condition (% Good) |
|------|------|----------|-------|-------|------|--------------------|
| NONE | | | | | | |

Land Breakdown

| Lnd Code | Desc | Units | Adjustments | Eff Rate | Lnd Value |
|----------|-----------------|------------|---------------------|------------|----------------|
| 009900 | AC NON-AG (MKT) | 183.000 AC | 1.00/1.00/1.00/1.00 | \$7,500.00 | \$1,372,500.00 |
| 009900 | AC NON-AG (MKT) | 98.000 AC | 1.00/1.00/1.00/1.00 | \$7,500.00 | \$735,000.00 |

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

1 of 1

Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

Notice:

Under Florida Law, e-mail addresses are public record. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead contact this office by phone or in writing.

[Scroll to Top](#)Site powered by: [Grizzly Logic, Inc.](#) © Copyright 2001

Web Site Copyright © 2000 Columbia County. All rights reserved.

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 6/5/2007 DATE ISSUED: 6/27/2007

ENHANCED 9-1-1 ADDRESS:

333 SW ROSEMARY DR

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

03-4S-16-02732-004

Remarks:

AMENITY CENTER, PRESERVE @ LAUREL LAKE

Address Issued By:


Columbia County 9-1-1 Addressing / GIS Department

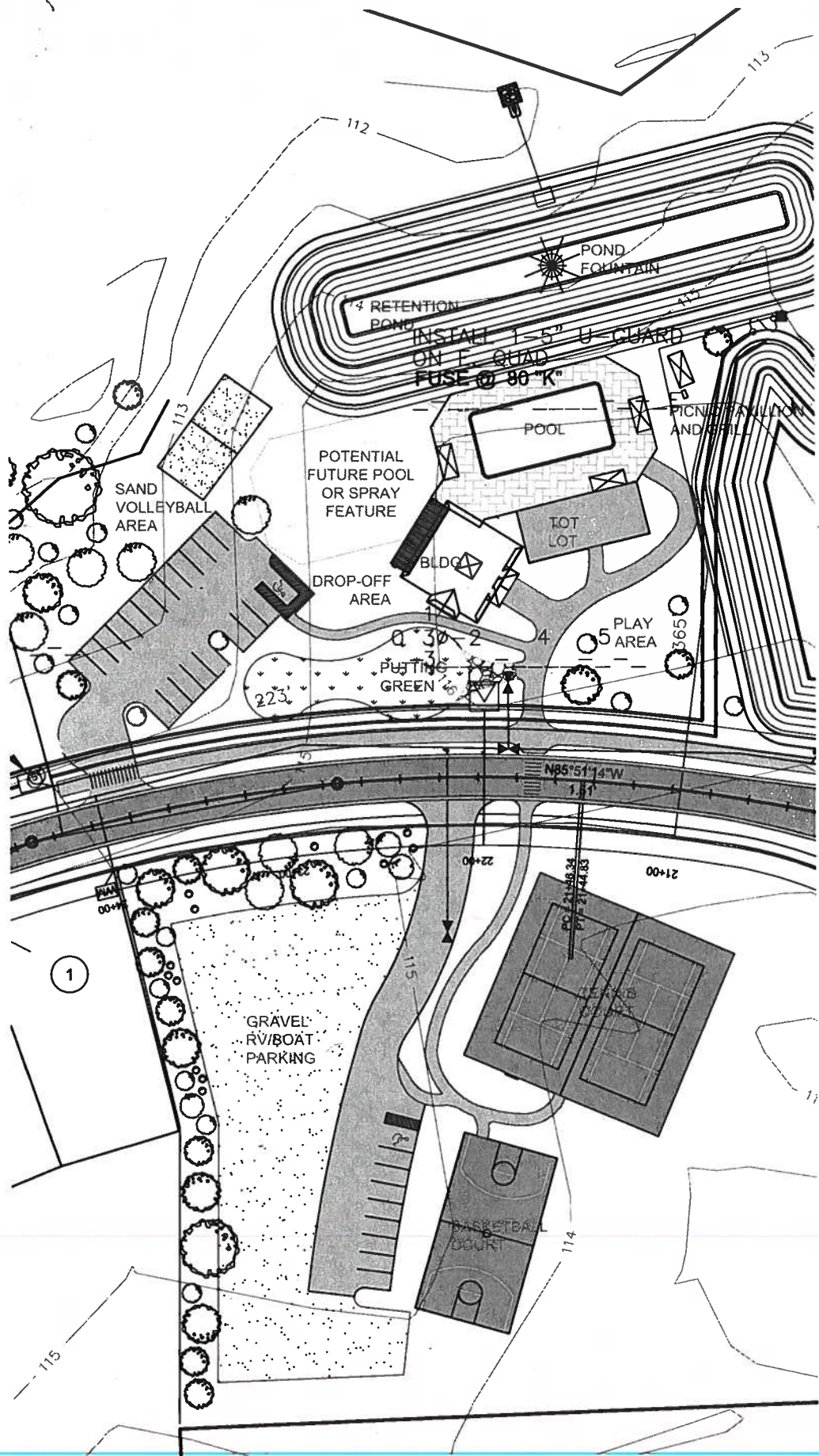
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

829

Approved Address

JUN 27 2007

911Addressing/GIS Dept



NOTICE OF COMMENCEMENT

Permit No. _____
State of Florida _____

Property Tax ID No. _____
County of Columbia

The Undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Legal Description of property and address if available Preserve at Laurel Lakes
COMM AT NW COR OF SEC, RUN S 855.67 FT FOR
POB, RUN NE ALONG R/W 283.01 FT, S 399.96 FT,
E 556.48 FT, S 840.63 FT, W 800 FT, N 1100.03 FT
TO POB ORB 735-840, 907-1556, 1040- 1051 &
1044-1951 & 1050-793

General description of improvements Amenity Center

Owner Residential Development Group

Address 2806 W US Hwy 90 Suite 101 Lake City FL 32055

Owner's interest in site of improvement Amenity Center for Laurel Lakes Development

Fee Simple Title holder (if other than owner) _____

Address _____

Contractor Isaac Construction Phone # 719-7143

Address 2109 W US Hwy 90, Suite 170, PMB 328 Phone # FL 32055

Surety _____ Phone # _____

Address _____ Fax # _____

Amount of Bond _____

Lender First Federal Savings Bank of FLA Phone # 755-0600

Address 4705 W US Hwy 90 Lake City FL 32055 Fax # 754-7156

Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13 (a) 7., Florida Statutes:

Name _____ Phone # _____

Address _____ Fax # _____

In addition to himself, owner designates _____ of

_____ Phone # _____ Fax # _____

to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes. Expiration date of notice of commencement is one year from the date of recording unless a different date is specified.

Isaac Bratkovich
Owner Signature

State of Florida, County of Columbia
Acknowledged before me this 6th day of June 2007, by Isaac Bratkovich
who is personally known to me or who has produced _____ as identification.

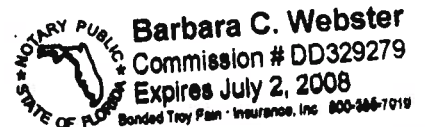
Barbara Webster
Signature of Notary

Barbara C. Webster
Type or Print Name of Notary

(Seal)

Title: Notary Public

Commission Number DD329279





Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code (FBC) 104.2.6)

Aspen Pest Control, Inc.
 (386) 755-3611
 State License # - JB109476
 State Certification # - JF104376

333 SW Rosemary Lake City, FL 32024 (Isaac)

Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment – 23% Disodium Octaborate Tetrahydrate

Method of Termite Prevention Treatment – Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood

Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.

Michelle Fischer
 Authorized Signature

6-27-07
 Date

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products.

| Category/Subcategory | Manufacturer | Product Description | Approval Number |
|---------------------------------|-------------------|---------------------------------|-----------------|
| 1. EXTERIOR DOORS | | | |
| A. SWINGING | PlastPRO INC | 3068 x 6068 Fiberglass | 4760.1 & 2 |
| B. SLIDING | Capital | 806S | 7055.1 |
| C. SECTIONAL | Raynor | Classic Sectional Garage Door | FL-3070 |
| D. ROLL UP | Janus | Model 3100 - Rolling Sheet Door | FL-2274 |
| E. AUTOMATIC | | | |
| F. OTHER | | | |
| 2. WINDOWS | | | |
| A. SINGLE HUNG | Capital | 48 x 84 | 6029.7 |
| B. HORIZONTAL SLIDER | Capital | 126 x 59 | 6024.4 |
| C. CASEMENT | | | |
| D. DOUBLE HUNG | Danric | Single Hung windows | FL1369 |
| E. FIXED | Capital | 96 x 72 | 6028/20 |
| F. AWNING | | | |
| G. PASS THROUGH | | | |
| H. PROJECTED | | | |
| I. MULLION | | | |
| J. WIND BREAKER | | | |
| K. DUAL ACTION | | | |
| L. OTHER | | | |
| 3. PANEL WALL | | | |
| A. SIDING | Alcoa | vinyl siding | FL1621 |
| B. SOFFITS | ASI Building Pro. | Aluminum & vinyl soffit | FL5546 1 & 2 |
| C. EIFS | | | |
| D. STOREFRONTS | | | |
| E. CURTAIN WALLS | | | |
| F. WALL LOUVER | | | |
| G. GLASS BLOCK | | | |
| H. MEMBRANE | | | |
| I. GREENHOUSE | | | |
| J. OTHER | | | |
| 4. ROOFING PRODUCTS | | | |
| A. ASPHALT SHINGLES | Tamko | 30-year shingles asphalt | FL673 |
| B. UNDERLAYMENTS | | | |
| C. ROOFING FASTENERS | | | |
| D. NON-STRUCTURAL METAL ROOFING | | | |
| E. WOOD SHINGLES AND SHAKES | | | |
| F. ROOFING TILES | | | |
| G. ROOFING INSULATION | | | |
| H. WATERPROOFING | | | |

| | | | |
|-------------------------------|--|--|--|
| ROOF SYSTEMS | | | |
| J. MODIFIED BITUMEN | | | |
| K. SINGLE PLY ROOF SYSTEMS | | | |
| L. ROOFING SLATE | | | |
| M. CEMENTS-ADHESIVES COATINGS | | | |

| Category/Subcategory | Manufacturer | Product Description | Approval Number |
|--|-------------------|-------------------------------|-----------------|
| N. LIQUID APPLIED ROOF SYSTEMS | | | |
| O. ROOF TILE ADHESIVE | | | |
| P. SPRAY APPLIED POLYURETHANE ROOF | | | |
| Q. OTHER | | | |
| 5. SHUTTERS | | | |
| A. ACCORDION | | | |
| B. BAHAMA | | | |
| C. STORM PANELS | | | |
| D. COLONIAL | | | |
| E. ROLL-UP | | | |
| F. EQUIPMENT | | | |
| G. OTHERS | | | |
| 6. SKYLIGHTS | | | |
| A. SKYLIGHT | | | |
| B. OTHER | | | |
| 7. STRUCTURAL COMPONENTS | | | |
| A. WOOD CONNECTORS/ ANCHORS | Simpson Strong | Wood connectors/anchors | FL1474 |
| B. TRUSS PLATES | Alpine Engineered | Product - Alpine Truss Plates | FL999 |
| C. ENGINEERED LUMBER | LPEWP | Laminated beams, I Joist | FL1511 |
| D. RAILING | | | |
| E. COOLERS-FREEZERS | | | |
| F. CONCRETE ADMIXTURES | | | |
| G. MATERIAL | | | |
| H. INSULATION FORMS | | | |
| I. PLASTICS | | | |
| J. DECK-ROOF | | | |
| K. WALL | | | |
| L. SHEDS | | | |
| M. OTHER | | | |
| 8. NEW EXTERIOR ENVELOPE PRODUCTS | | | |
| A. | | | |
| B. | | | |

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of the products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the per characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Roanne Naper
APPLICANT SIGNATURE

12-6-06
DATE

L:/GENERAL/STATEPROD.XLS

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products.

| Category/Subcategory | Manufacturer | Product Description | Approval Number |
|---------------------------------|-------------------|---------------------------------|-----------------|
| 1. EXTERIOR DOORS | | | |
| A. SWINGING | PlastPRO INC | 3068 x 6068 Fiberglass | 4760.1 & 2 |
| B. SLIDING | CAPITAL | 806S | 7055.1 |
| C. SECTIONAL | RAYNOR | Classic Sectional Garage Door | FL-3070 |
| D. ROLL UP | Jardus | Model 3100 - Rolling Sheet Door | FL-2274 |
| E. AUTOMATIC | | | |
| F. OTHER | | | |
| 2. WINDOWS | | | |
| A. SINGLE HUNG | CAPITAL | 48 x 84 | 6029.7 |
| B. HORIZONTAL SLIDER | CAPITAL | 126 x 59 | 6024.4 |
| C. CASEMENT | | | |
| D. DOUBLE HUNG | DARRID | Single Hung windows | FL1369 |
| E. FIXED | CAPITAL | 96 x 72 | 6028.20 |
| F. AWNING | | | |
| G. PASS THROUGH | | | |
| H. PROJECTED | | | |
| I. MULLION | | | |
| J. WIND BREAKER | | | |
| K. DUAL ACTION | | | |
| L. OTHER | | | |
| 3. PANEL WALL | | | |
| A. SIDING | Alcoa | vinyl siding | FL1621 |
| B. SOFFITS | ASI Building Pro. | Aluminum & vinyl soffit | FL5546 1 & 2 |
| C. EIFS | | | |
| D. STOREFRONTS | | | |
| E. CURTAIN WALLS | | | |
| F. WALL LOUVER | | | |
| G. GLASS BLOCK | | | |
| H. MEMBRANE | | | |
| I. GREENHOUSE | | | |
| J. OTHER | | | |
| 4. ROOFING PRODUCTS | | | |
| A. ASPHALT SHINGLES | TAMKO | 30-year shingles asphalt | FL673 |
| B. UNDERLAYMENTS | | | |
| C. ROOFING FASTENERS | | | |
| D. NON-STRUCTURAL METAL ROOFING | | | |
| E. WOOD SHINGLES AND SHAKES | | | |
| F. ROOFING TILES | | | |
| G. ROOFING INSULATION | | | |
| H. WATERPROOFING | | | |

| | | | |
|-------------------------------|--|--|--|
| ROOF SYSTEMS | | | |
| J. MODIFIED BITUMEN | | | |
| K. SINGLE PLY ROOF SYSTEMS | | | |
| L. ROOFING SLATE | | | |
| M. CEMENTS-ADHESIVES COATINGS | | | |

| Category/Subcategory | Manufacturer | Product Description | Approval Number |
|--|-------------------|-------------------------------|-----------------|
| N. LIQUID APPLIED ROOF SYSTEMS | | | |
| O. ROOF TILE ADHESIVE | | | |
| P. SPRAY APPLIED POLYURETHANE ROOF | | | |
| Q. OTHER | | | |
| 5. SHUTTERS | | | |
| A. ACCORDION | | | |
| B. BAHAMA | | | |
| C. STORM PANELS | | | |
| D. COLONIAL | | | |
| E. ROLL-UP | | | |
| F. EQUIPMENT | | | |
| G. OTHERS | | | |
| 6. SKYLIGHTS | | | |
| A. SKYLIGHT | | | |
| B. OTHER | | | |
| 7. STRUCTURAL COMPONENTS | | | |
| A. WOOD CONNECTORS/ ANCHORS | Simpson Strong | Wood connectors/anchors | FL1474 |
| B. TRUSS PLATES | Alpine Engineered | Product - Alpine Truss Plates | FL999 |
| C. ENGINEERED LUMBER | LPEWP | Laminated Beams, I Joist | FL1511 |
| D. RAILING | | | |
| E. COOLERS-FREEZERS | | | |
| F. CONCRETE ADMIXTURES | | | |
| G. MATERIAL | | | |
| H. INSULATION FORMS | | | |
| I. PLASTICS | | | |
| J. DECK-ROOF | | | |
| K. WALL | | | |
| L. SHEDS | | | |
| M. OTHER | | | |
| 8. NEW EXTERIOR ENVELOPE PRODUCTS | | | |
| A. | | | |
| B. | | | |

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of the products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Roanne Naper
APPLICANT SIGNATURE

12-6-06
DATE

L:/GENERAL/STATEPROD.XLS



Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

P.O. Box 1625 • Lake City, FL 32056

4784 Rosselle Street • Jacksonville, FL 32254

2230 Greensboro Highway • Quincy, FL 32351

Tel. (386) 755-3633 • Fax (386) 752-5456

Tel. (904) 381-8901 • Fax (904) 381-8902

Tel. (850) 442-3495 • Fax (850) 442-4008

LABORATORIES

July 19, 2007.

Issac Construction

2109 West U.S. 90, Suite 1
Lake City, Florida 32055

Attention: Mr. Josh Willems

Reference: Subsurface Exploration
Proposed Amenity Center at The Preserve Subdivision
Lake City, Florida
CTI Project No. 07-00359

Dear Mr. Willems,

Cal-Tech Testing, Inc. (CTI) has completed the subsurface exploration and engineering evaluation for the proposed Amenity Center at The Preserve Subdivision in Lake City, Florida. Our work was performed in conjunction with and authorized by you. You have requested we provide geotechnical recommendations regarding the construction of the main Amenity Center building. Others structure, such as swimming pool(s) or support facilities are beyond the scope of services on this project.

Introduction

We understand the proposed structure will be a single-story, wood framed structure, with a footprint of approximately 1,600 square feet. The building will be supported on a conventional shallow foundation system. We were informed by you that the design bearing pressure for the foundation is 2,000 pounds per square foot (psf). Detailed structural loads have not been provided to us; however, we assume column and wall loads will not exceed 20 kips and 2.0 kips per foot, respectively.

Field Program

Our field program consisted of performing four (4) Standard Penetration Test (SPT) borings extending to a depth of 15 feet below the existing ground surface. The borings were performed at the approximate locations indicated on the attached Field Exploration Plan, and were located in the field by you.

The sampling and penetration procedures of the Standard Penetration Test (SPT) borings were accomplished in general accordance with ASTM D-1586, using a power rotary drill rig. The SPT borings were performed by driving a standard 1-3/8" I.D. and 2.0" O.D. split spoon sampler with a 140 pound hammer falling 30 inches. The number of hammer blows required to drive the sampler a total of 18 inches, in 6 inch increments, were recorded. The penetration resistance or "N" value is the summation of the last two 6 inch increments and is illustrated on the attached boring logs adjacent to their corresponding depths. The penetration resistance is used as an index to derive soil parameters from various empirical correlations.

Findings

In general, the soil profile as disclosed by SPT borings B-1 through B-4 consisted of about 12 inches of dark gray to brown, silty fine sand (SP/SM) underlain by brown to white fine sand (SP) extending to a depth of 5.5 feet below the existing ground surface. Typically, beneath this stratum, the soil profile consisted of about 1.5 to 9.5 feet of light gray and reddish tan, clayey fine sand (SC). These soils were underlain by 2.5 to 8.0 feet of light gray and reddish tan, mottled, sandy clay (CL) or 2.5 feet of reddish tan, clay (CH). The sandy soils have a relative density of loose to medium dense with "N" values ranging from 6 to 25 Blows Per Foot (BPF). Clayey soils have a consistency of stiff to very stiff with "N" values ranging from 13 to 29 BPF.

At the time of completion, the groundwater was encountered at depths ranging from 12 to 13 feet below the existing ground surface in borings B-1, B-2, and B-3. Groundwater was not encountered in boring B-4. We note the groundwater level in this area will fluctuate due to seasonal climatic variations, surface water runoff patterns, construction operations and other interrelated factors.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Generalized Subsurface Profile. Note that the transition between soil types may be gradual and not abrupt as indicated by the boring logs; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

Based on the results of the test borings, it is our opinion the site soils are suitable for the support of the proposed structure. A shallow foundation for the proposed Amenity Center may be designed using a maximum allowable bearing pressure of 2,000 psf. It is recommended that a minimum width of 18 and 24 inches be provided for strip and isolated footings, respectively. The bottoms of foundations should be embedded a minimum of 18 inches below the lowest adjacent grade (i.e., finished subgrade).

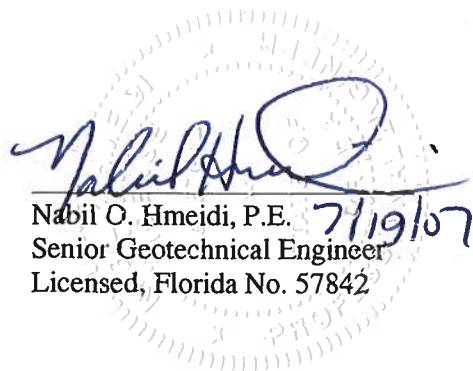
Due to the varying density of the immediate bearing soils, we recommend that exposed subgrade be proof-rolled and proof-compacted prior to concrete placement (including bottom of footings and slab areas). Soils should be proof-compacted to a minimum of 95% of the modified Proctor maximum dry density (ASTM D 1557) to a minimum depth of 5 feet below finished subgrade elevation.

Our evaluation is based upon subsurface conditions encountered at specific locations and time as presented within this report. However, subsurface conditions may exist that differ from our findings. We request that we be notified if dissimilar subsurface conditions are encountered.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be further service.

Respectfully submitted,
Cal-Tech Testing, Inc.

Linda M. Creamer
President/CEO



Nabil O. Hmeidi, P.E. 7/19/07
Senior Geotechnical Engineer
Licensed, Florida No. 57842



RONALD SCALISI ARCHITECTS, P. A.

1309 ST. JOHNS BLUFF ROAD NORTH SUITE A-5
PHONE: 904 / 998-8860 info@scalisiarchitects.com

JACKSONVILLE, FLORIDA 32225
TELEFAX: 904 / 998-8862

TRANSMITTAL

IF FILLED, FAXED ONLY

TO: Isaac Construction

DATE: 23 July 2007

ATTN: ISAAC BRATKOVICH / ROXANNE NAPIER

FROM: Ronald Scalisi, NCARB, AIA

RE: The Preserve at Laurel Lake

PROJ. #: 200412

CC:

Number of pages including transmittal: 1 + Drawings

0706-90

MESSAGE:

Isaac/Roxanne,

Please find herewith 2 sets of signed and sealed documents incorporating the Building Department's comments. We have included all of the "T" and "A" sheets, as well as the sheets that needed Structural, Mechanical and Electrical revisions. When these new drawings are brought to the Building Department, please make sure that only one copy, the most recent version, of each sheet is left in the sets that the Building Department keeps. All duplicates should be destroyed. From your notes on July 7, 2007, you indicated that there were duplicates which caused the reviewer, Joe, to miss the proper wind load design speed. We reviewed all of the changes with Joe Mattiwanger, so there should be no further issues for your permit other than the geotechnical report on which you are working and the sidewalk slope information from BB&L.

Yours truly,

Ronald L. Scalisi, NCARB, AIA
Principal/Architect

Notice of Confidentiality:

The information contained herein is privileged and confidential. It is intended for the individual or entity indicated on the authorization form above. You are hereby notified that any dissemination, distribution, copying, or other use of this information by anyone other than the recipient designated above is unauthorized and strictly prohibited.

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: 1T4I487-Z0101113812

Truss Fabricator: Anderson Truss Company
Job Identification: 7-021--Isaac Construction AMENITY CENTER PRESERVE L -- THE PRESERVE AT LAUREL L
Truss Count: 24
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.24, 7.31.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 02/01/2007

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Notes:

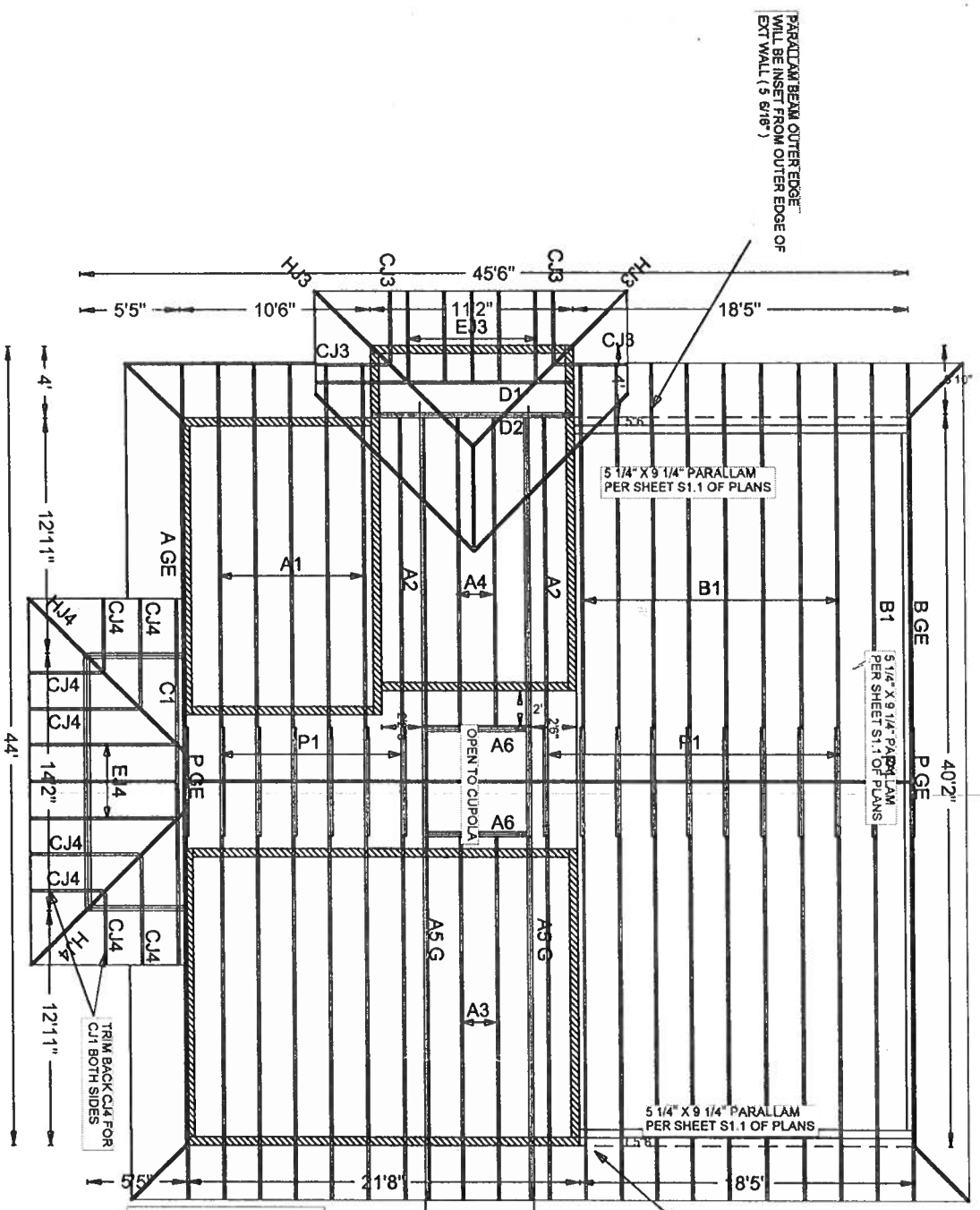
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: BRCLBSUB-A11030EE-GBLLETIN-140PB-140GS-

| # | Ref | Description | Drawing# | Date |
|----|-------------|-------------|----------|----------|
| 1 | 10273--A1 | | 07032010 | 02/01/07 |
| 2 | 10274--A2 | | 07032023 | 02/01/07 |
| 3 | 10275--A3 | | 07032001 | 02/01/07 |
| 4 | 10276--A4 | | 07032011 | 02/01/07 |
| 5 | 10277--A GE | | 07032022 | 02/01/07 |
| 6 | 10278--A6 | | 07032008 | 02/01/07 |
| 7 | 10279--A5 G | | 07032002 | 02/01/07 |
| 8 | 10280--B1 | | 07032014 | 02/01/07 |
| 9 | 10281--B GE | | 07032021 | 02/01/07 |
| 10 | 10282--C1 | | 07032015 | 02/01/07 |
| 11 | 10283--D2 | | 07032004 | 02/01/07 |
| 12 | 10284--D1 | | 07032003 | 02/01/07 |
| 13 | 10285--G1 | | 07032001 | 02/01/07 |
| 14 | 10286--CJ1 | | 07032019 | 02/01/07 |
| 15 | 10287--HJ2 | | 07032009 | 02/01/07 |
| 16 | 10288--EJ2 | | 07032020 | 02/01/07 |
| 17 | 10289--EJ3 | | 07032007 | 02/01/07 |
| 18 | 10290--CJ3 | | 07032005 | 02/01/07 |
| 19 | 10291--HJ3 | | 07032006 | 02/01/07 |
| 20 | 10292--EJ4 | | 07032018 | 02/01/07 |
| 21 | 10293--CJ4 | | 07032017 | 02/01/07 |
| 22 | 10294--HJ4 | | 07032016 | 02/01/07 |
| 23 | 10295--P1 | | 07032013 | 02/01/07 |
| 24 | 10296--P GE | | 07032012 | 02/01/07 |

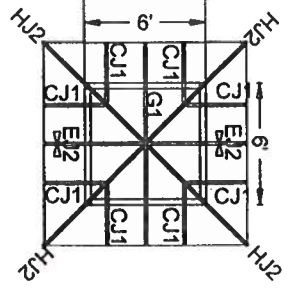


ISAAC CONST. AMENITY CENTER @ THE PRESERVE JOB#7-021 01/31/07 JFB



PARALLAM BEAM OUTER EDGE WILL BE INSET FROM OUTER EDGE OF EXT WALL (5 6/16")

PARALLAM BEAM OUTER EDGE WILL BE INSET FROM OUTER EDGE OF EXT WALL (5 6/16")



- Roof Plane Sheathing Area = 2758 sq. ft
- Gable Sheathing Area = 0 sq. ft
- Total Sheathing Area = 2758 sq. ft
- Fascia Material = 253 linear ft
- Valley Flashing Material = 26 linear ft
- Ridge Cap Material = 46 linear ft
- Hip Ridge Material = 100 linear ft



5 1/4" X 9 1/4" PARALLAM PER SHEET S1.1 OF PLANS

5 1/4" X 9 1/4" PARALLAM PER SHEET S1.1 OF PLANS

5 1/4" X 9 1/4" PARALLAM PER SHEET S1.1 OF PLANS

OPEN TO CUPOLA

Top chord 2x6 SP #2
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

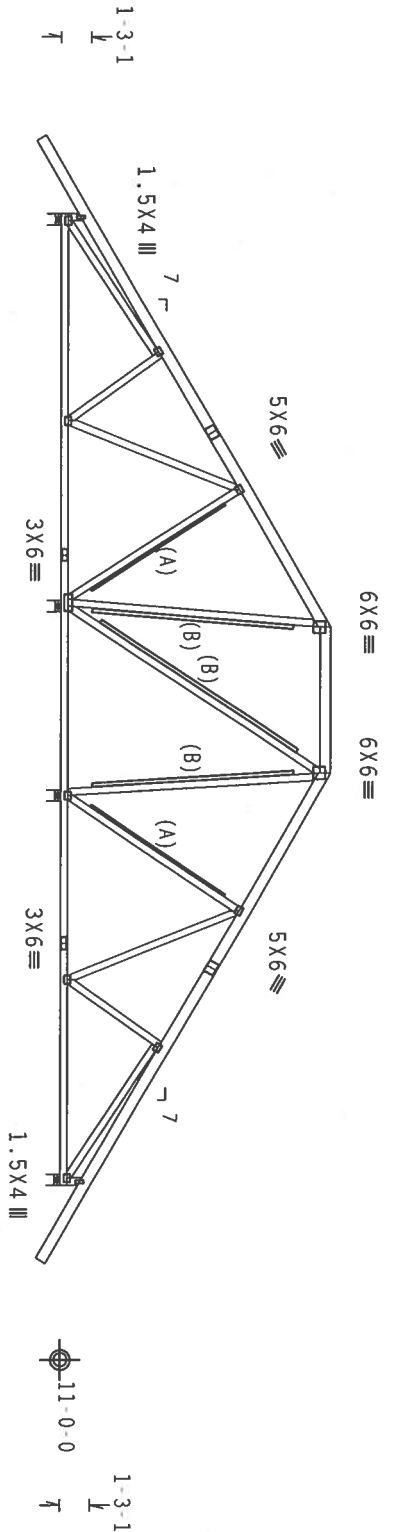
(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 16.27 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



17-0-0
16-1-4
7-9-8
40-0-0 Over 4 Supports
17-0-0
13-0-0
13-0-0
R-693 U=180 W=5.5"
R-1302 U=180 W=5.5"
R-988 U=180 W=5.5"
R-764 U=180 W=5.5"

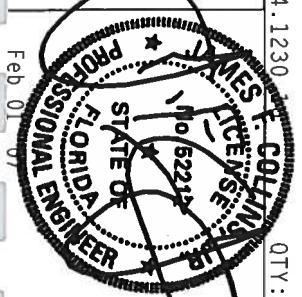
Note: All Plates Are 3X4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL-/4/-/R/- Scale = .125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, published by F.P.A. (FEDERAL PAPER ASSOCIATION), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND NCA (NATIONAL ASSOCIATION OF AMERICA), 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



TW Building Components Group, Inc.
Haines City, FL 33834
Certified Authority



| | | | | |
|----------|----------|--------|----------|----------|
| TC LL | 20.0 PSF | REF | R487-- | 10273 |
| TC DL | 10.0 PSF | DATE | 02/01/07 | |
| BC DL | 10.0 PSF | DRW | HCUSR487 | 07032010 |
| BC LL | 0.0 PSF | HC-ENG | KH/AF | |
| TOT.LD. | 40.0 PSF | SEQN- | 149640 | |
| DUR.FAC. | 1.25 | FROM | JFB | |
| SPACING | 24.0" | JREF- | 1T4I487 | 201 |

Top chord 2x6 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

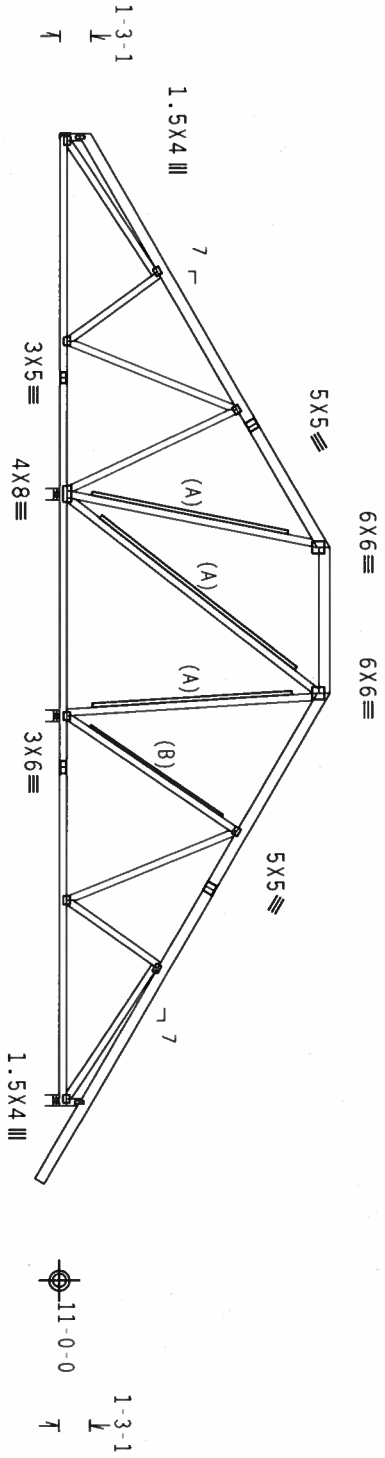
(A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 16.27 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(B) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



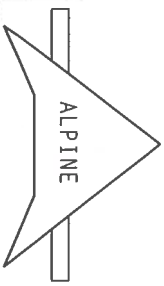
14-9-4
17-0-0
9-1-8
5-11-15
17-0-0
3-0-0
40-0-0 over 4 Supports
11-0-0

R=416 U=180
R=1308 U=180 W=5.5"
R=1030 U=180 W=5.5"
R=784 U=180 W=5.5"

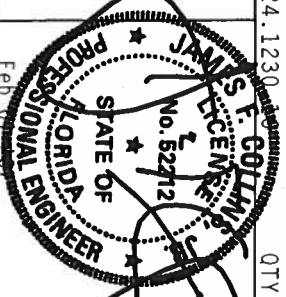
Note: All Plates Are 3x4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

WARNING ROSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE COMPANY'S PUBLISHED ROSSSES PLATE MANUALS FOR THE LATEST EDITIONS. THE ROSSSES PLATE MANUALS ARE AVAILABLE FROM THE COMPANY, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND VICTOR ROSSSES CONSULTANTS, INC., 100 ENTERPRISE LANE, ANDISON, MI 48719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACP/A) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/S/K) ASTM A653 GRADE 40/60 (M, K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A, Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEE AS OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
Certified Authority



| | | |
|----------|--------------------|----------------------|
| QTY: 1 | FL: -/4/ -/ -/R/ - | Scale = .125" / Ft. |
| TC LL | 20.0 PSF | REF R487 - - 10274 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUR487 07032023 |
| BC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT.LD. | 40.0 PSF | SEQN- 149648 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF- 1T41487 201 |

Top chord 2x6 SP #2
 Bot chord 2x6 SP #2
 Webs 2x4 SP #3

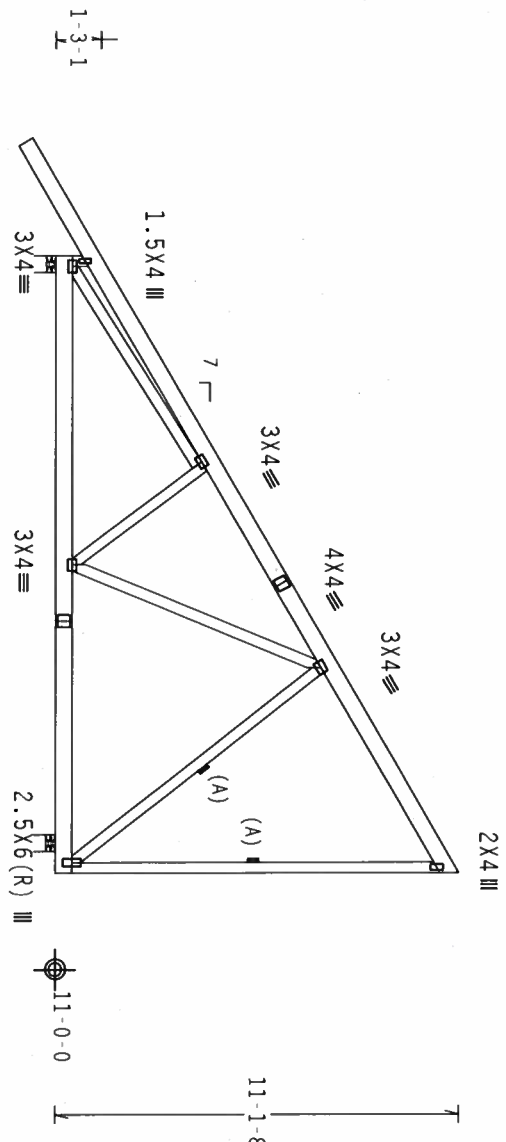
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



16-11-0 over 2 Supports
 R=899 U=180 W=5.5*
 R=718 U=180 W=5.5*

PLT TYP. Wave

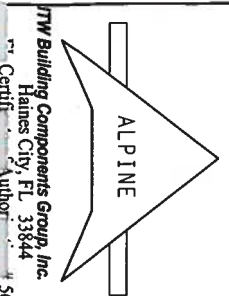
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(O)

FL/-/4/-/R/-

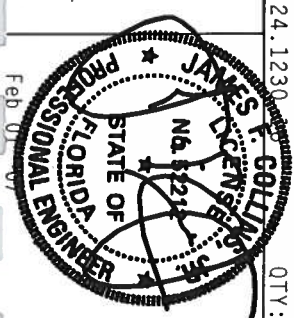
Scale = .1875"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR SAFE AND SOUND TRUSS CONSTRUCTION. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WEA (WOOD TRUSS) COUNCIL OF AMERICA. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AERPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (M/155/K) ASTM A653 GRADE 40/60 (M, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIAA 3.3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. DESIGNER SHALL MAINTAIN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TW Building Components Group, Inc.
 Gaines City, FL 33844
 Certif. Author # 567



| | | |
|----------|----------|----------------------|
| TC LL | 20.0 PSF | REF R487 - 10275 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUR487 07032001 |
| BC LL | 0.0 PSF | HC-ENG JB/MHK |
| TOT.LD. | 40.0 PSF | SEQN- 150129 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF- 1741487_201 |

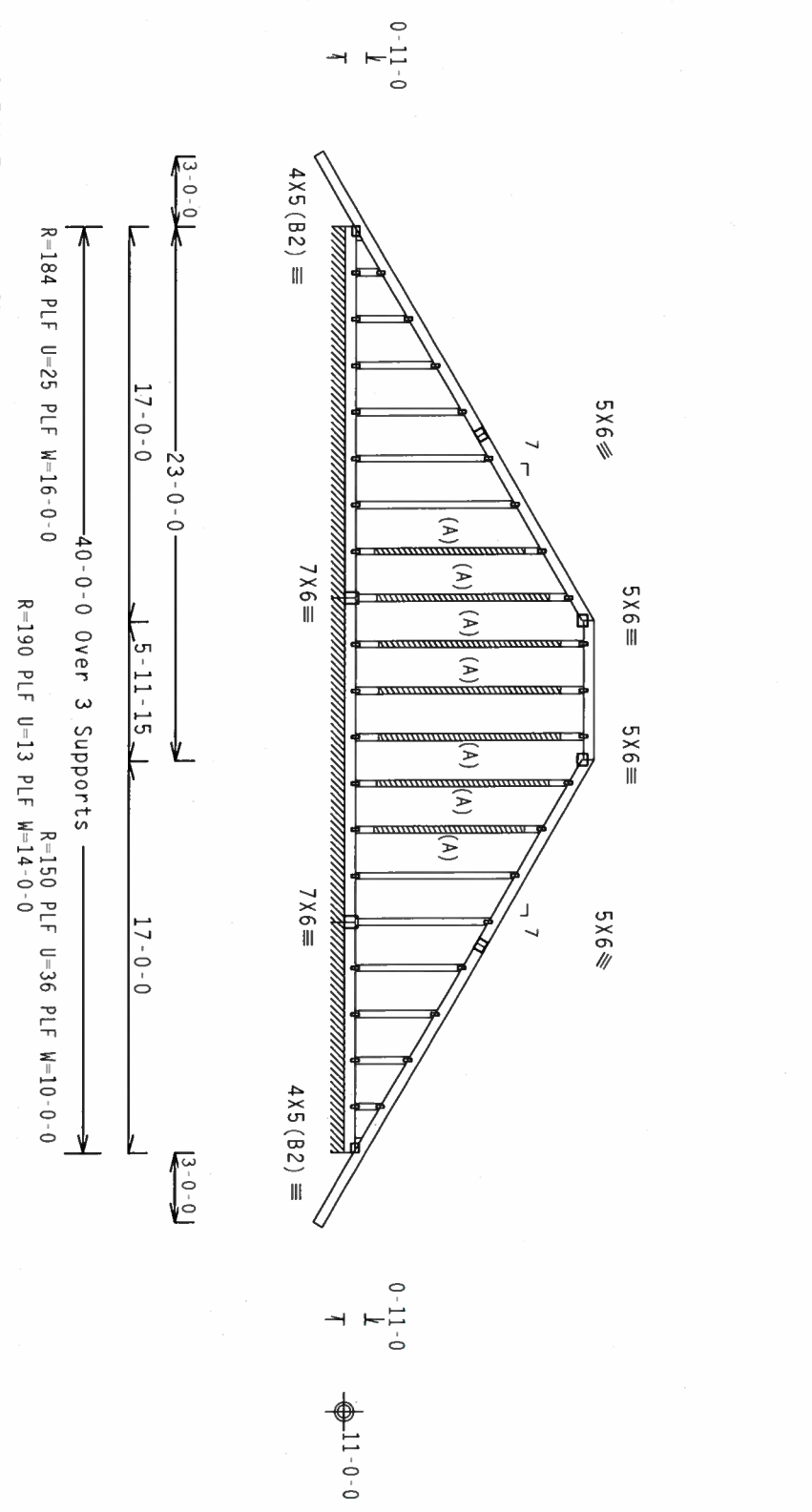
Top chord 2x6 SP #2
 Bot chord 2x6 SP #2
 Webs 2x4 SP #3
 Lt Wedge 2x4 SP #3::Rt Wedge 2x4 SP #3:

Wind reactions based on MMFRS pressures.

Truss spaced at 24.0" OC designed to support 1-4-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 15.93 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 See DWGS A11030EE1106 & GBLETTIN1106 for more requirements.
 (A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3", min.) nails @ 6" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.
 Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0) 7.24.1230

| | | | |
|---------------|----------|-----------------------|---------------------|
| PLT TYP. Wave | QTY: 1 | FL: /4/ - /R/ - | Scale = .125" / Ft. |
| TC LL | 20.0 PSF | REF R487 - 10277 | |
| TC DL | 10.0 PSF | DATE 02/01/07 | |
| BC DL | 10.0 PSF | DRW HCUSR487 07032022 | |
| BC LL | 0.0 PSF | HC-ENG KH/AF | |
| TOT.LD. | 40.0 PSF | SEON- 149710 | |
| DUR.FAC. | 1.25 | FROM JFB | |
| SPACING | 24.0" | JREF- 1741487_201 | |

ALPINE

TW Building Components Group, Inc.
 Gaines City, FL 33844

Professional Engineer Seal: JAMES COLLINS, No. 12272, State of Florida.

PERMITS: 567

IMPORTANT** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE DESIGN DRAWINGS FOR ALL CONNECTIONS AND BRACING. THE TRUSS SHALL BE DELIVERED TO THE PROJECT SITE IN A CONDITION THAT WILL ALLOW FOR IMMEDIATE INSTALLATION. THE TRUSS SHALL BE STORED ON A LEVEL SURFACE AND SHALL BE PROTECTED FROM WEATHER. THE TRUSS SHALL BE STORED IN AN AREA THAT IS CLEAR OF OBSTACLES AND SHALL BE PROTECTED FROM COLLISION. THE TRUSS SHALL BE STORED IN AN AREA THAT IS CLEAR OF OBSTACLES AND SHALL BE PROTECTED FROM COLLISION. THE TRUSS SHALL BE STORED IN AN AREA THAT IS CLEAR OF OBSTACLES AND SHALL BE PROTECTED FROM COLLISION.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THE DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI-1 OR APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1604 (M, N/55/K) ASTM A653 GRADE 40/60 (M, K/H/SS) GALV. STEEL. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND NOT FOR THE ENTIRE BUILDING. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT AND NOT FOR THE ENTIRE BUILDING. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT AND NOT FOR THE ENTIRE BUILDING.

Top chord 2x6 SP #2
 Bot chord 2x6 SP #2
 Webs 2x6 SP #2 : W2 2x4 SP #3:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
 TC - From 303 PLF at 0.00 to 303 PLF at 5.50
 BC - From 20 PLF at 0.00 to 20 PLF at 5.50
 TC - 238 LB Conc. Load at 0.00, 5.50

End verticals not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25",_min.)_nails)
 Top Chord: 1 Row @ 8.00" o.c.
 Bot Chord: 1 Row @ 12.00" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.

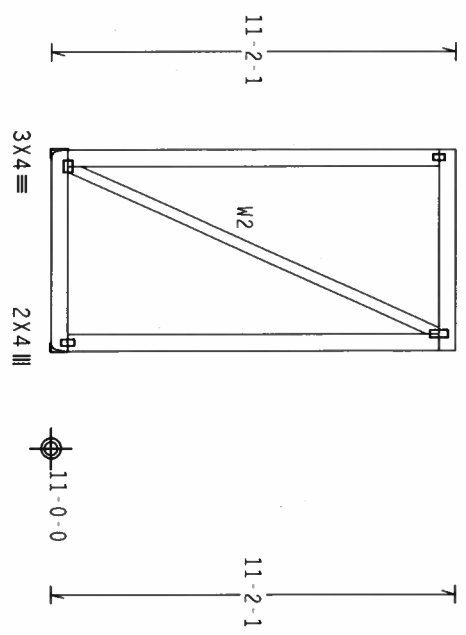
110 mph wind, 22.17 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MFRS pressures.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Truss must be installed as shown with top chord up.

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.



5-6-0 Over 2 Supports
 R=1126 U=246
 R=1126 U=246

PLT TYP. Wave

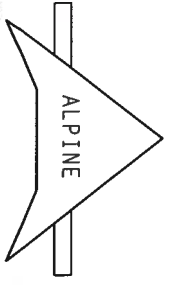
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/ -/R/-

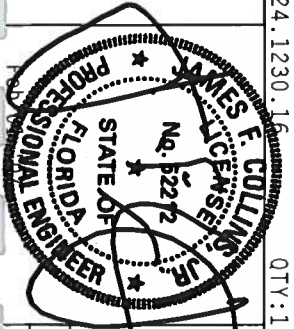
Scale = .1875"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TPI, TRUSS MANUFACTURING INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 59719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ENTERPRISE LANE, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



TTW Building Components Group, Inc.
 Haines City, FL 33844
 Author: 567



| | | |
|----------|----------|----------------------|
| TC LL | 20.0 PSF | REF R487 - - 10278 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUR487 07032008 |
| BC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT.LD. | 40.0 PSF | SEON- 149733 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF- 1741487_201 |

Top chord 2x6 SP #2
 Bot chord 2x6 SP #2
 Webs 2x4 SP #3 :W6, W8 2x6 SP #2:

SPECIAL LOADS

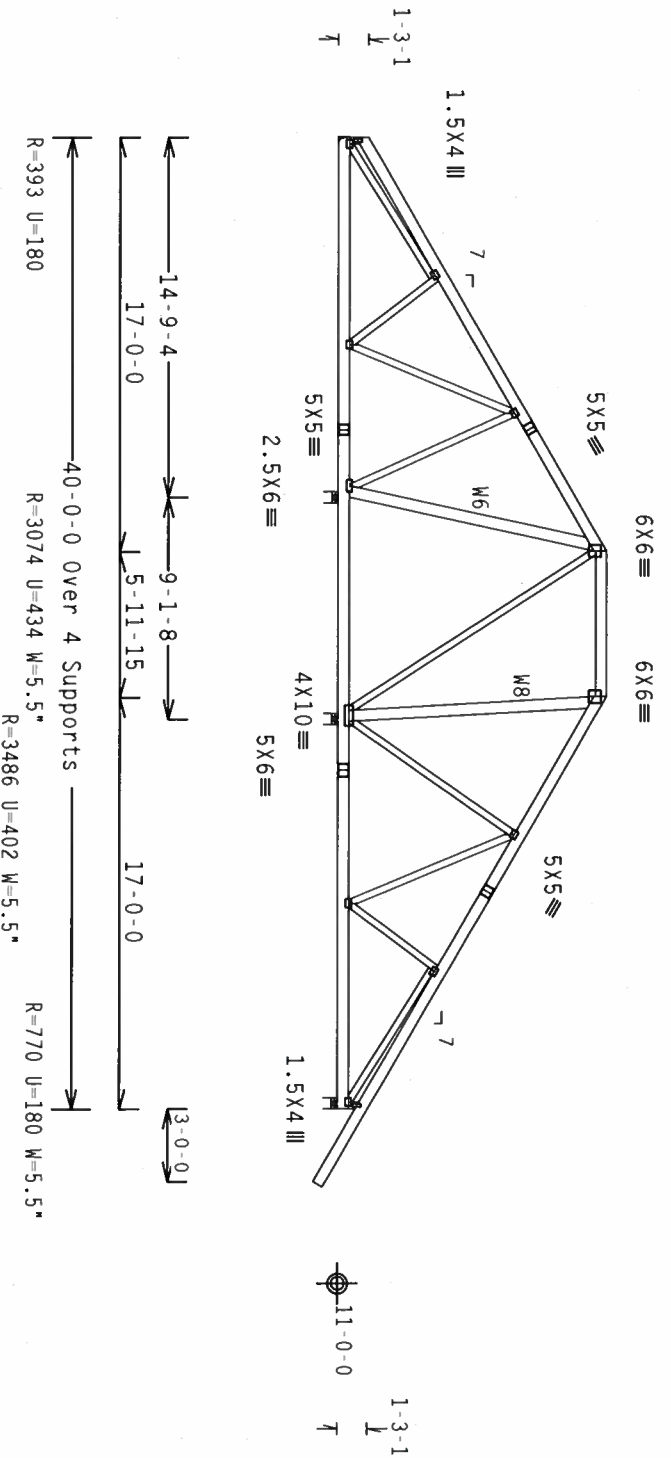
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

| | | |
|-----------|--------------------------------------|------------------|
| TC - From | 63 PLF at 0.00 to | 63 PLF at 17.00 |
| TC - From | 306 PLF at 17.00 to | 306 PLF at 23.00 |
| TC - From | 63 PLF at 23.00 to | 63 PLF at 43.23 |
| BC - From | 20 PLF at 0.00 to | 20 PLF at 17.00 |
| BC - From | 20 PLF at 17.00 to | 20 PLF at 23.00 |
| BC - From | 20 PLF at 23.00 to | 20 PLF at 40.00 |
| BC - From | 5 PLF at 40.00 to | 5 PLF at 43.23 |
| TC - From | 238 LB Conc. Load at 17.00, | 23.00 |
| TC - From | 1126 LB Conc. Load at (17.12,11.04), | (22.87,11.04) |

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common @0.148"x3.25",_min.)_nails)
 Top Chord: 1 Row @11.75" o.c.
 Bot Chord: 1 Row @12.00" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.
 110 mph wind, 16.27 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Wind reactions based on MWFRS pressures.
 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 3X4 Except As Shown.
 Design Cmt: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0) 7.24.123

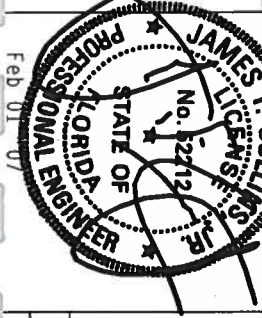
PLT TYP. Wave

QTY: 1

| | |
|----------------|-------------------|
| FL/-/4/-/-/R/- | Scale = .125"/ft. |
| TC LL | 20.0 PSF |
| TC DL | 10.0 PSF |
| BC DL | 10.0 PSF |
| BC LL | 0.0 PSF |
| TOT.LD. | 40.0 PSF |
| DUR.FAC. | 1.25 |
| SPACING | 24.0" |

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION AND USING BY THE MANUFACTURER. 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22313 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T6D4.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERMITTED AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SIGNATURE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SEALING OF THIS DRAWING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/71.1 SEC. 2.



| | | |
|--------|----------|----------|
| REF | R487-- | 10279 |
| DATE | 02/01/07 | |
| DRW | HCUSR487 | 07032002 |
| HC-ENG | KH/AF | |
| SEQN- | 149865 | |
| FROM | JFB | |
| JREF- | 1T4I487 | 201 |

ITW Building Components Group, Inc.
 Gaines City, FL 33844
 Cert. Author. # 567

Top chord 2x6 SP #2
 Bot chord 2x6 SP #2 : B2, B3 2x6 SP #1 Dense:
 Webs 2x4 SP #3

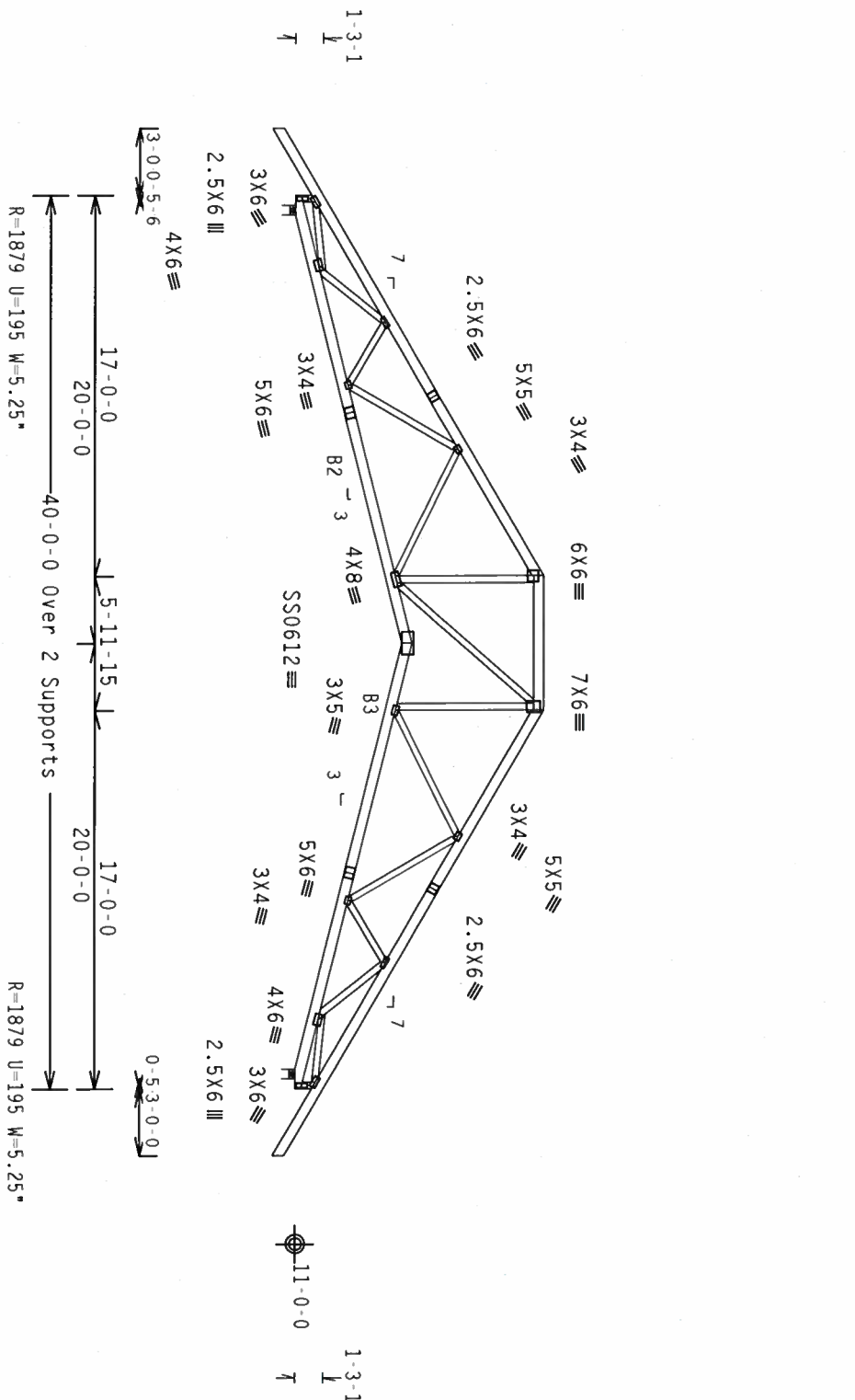
Wind reactions based on MWFRS pressures.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 16.34 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.18" due to live load and 0.29" due to dead load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. 18 Gauge HS, Wave

Design Crtt: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

7-24-1230

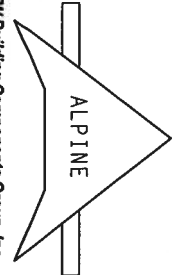
OUT-1

FL/-/4/-/R/-

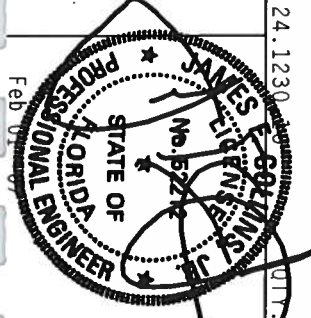
Scale = .125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 600 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/18GA (W/4/55X) ASTM A653 GRADE 40/60 (W/ K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. CONNECTION OF PLATES TO CHORDS SHALL BE PER AIAA AS OF TPI-2002, SEC. 3.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TW Building Components Group, Inc.
 Haines City, FL 33844
 Cert. # 567



| | | | |
|----------|----------|--------------|-------------|
| TC LL | 20.0 PSF | REF R487-- | 10280 |
| TC DL | 10.0 PSF | DATE | 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUR487 | 07032014 |
| BC LL | 0.0 PSF | HC-ENG KH/AF | |
| TOT.LD. | 40.0 PSF | SEQN- | 149667 |
| DUR.FAC. | 1.25 | FROM | JFB |
| SPACING | 24.0" | JREF- | 1741487_201 |

Top chord 2x6 SP #2 : T2 2x4 SP #2 Dense:
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.

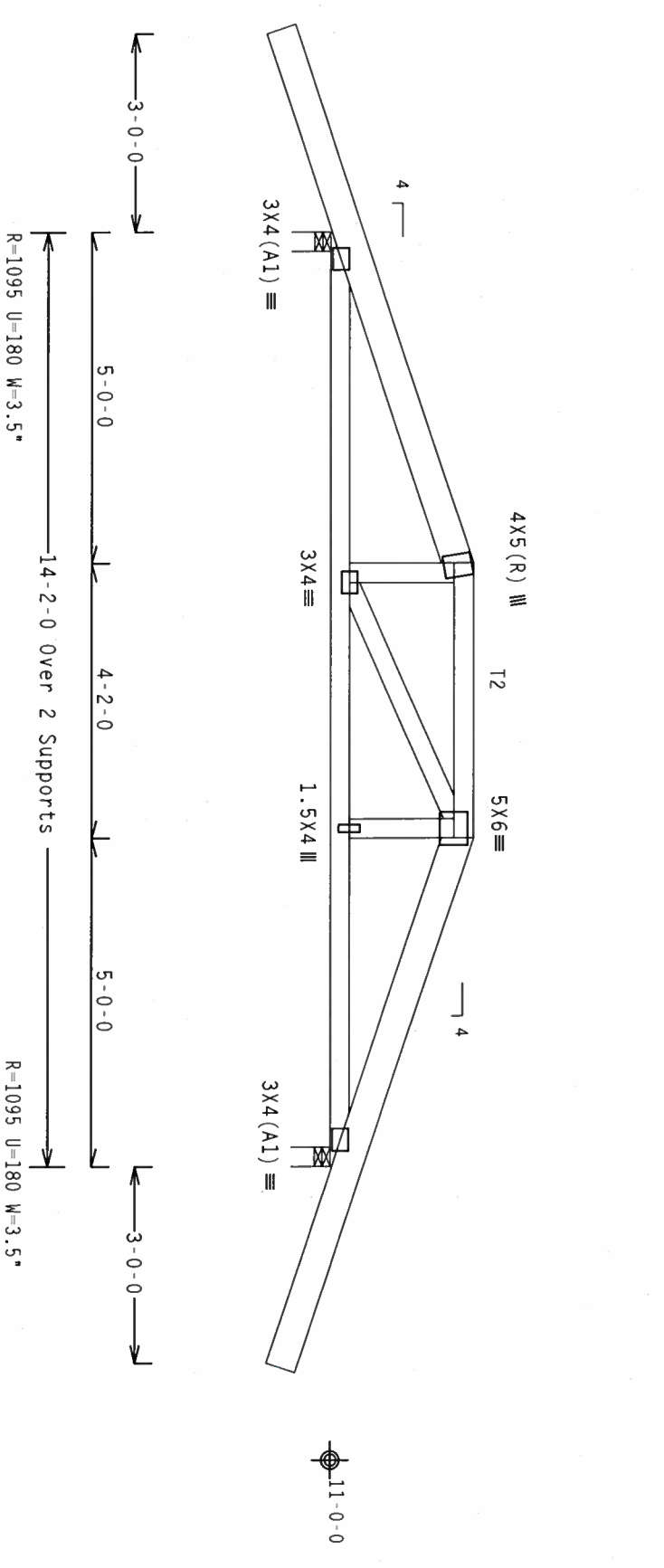
Wind reactions based on MMFRS pressures.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

SPECIAL LOADS
 ----- (LUMBER DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25)

| | | |
|-----------|----------------------|------------------|
| TC - From | 61 PLF at -3.14 to | 61 PLF at 5.00 |
| TC - From | 61 PLF at 5.00 to | 61 PLF at 9.17 |
| TC - From | 61 PLF at 9.17 to | 61 PLF at 17.31 |
| BC - From | 4 PLF at -3.00 to | 4 PLF at 0.00 |
| BC - From | 20 PLF at 0.00 to | 20 PLF at 14.17 |
| BC - From | 4 PLF at 14.17 to | 4 PLF at 17.17 |
| TC - | 293 LB Conc. Load at | 5.00, 9.17 |
| TC - | 96 LB Conc. Load at | 7.08 |
| BC - | -73 LB Conc. Load at | 5.00, 9.17 |
| BC - | 35 LB Conc. Load at | 5.06, 7.08, 9.10 |



PLT TYP. Wave

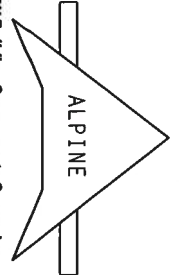
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/1/R/-

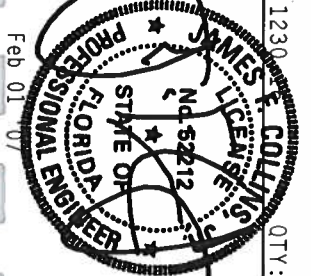
Scale = .375" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN DRAWINGS FOR ALL DIMENSIONS AND CONNECTIONS. NORTH LEE STREET, SUITE 3120 ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF TRUSSES IN PERFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF TRUSSES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
 Haines City, FL 33844
 Cert. No. 1567



| | | |
|----------|----------|----------------------|
| TC LL | 20.0 PSF | REF R487 - - 10282 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUR487 07032015 |
| BC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT.LD. | 40.0 PSF | SEON- 149816 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF- 1741487_201 |

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 110 mph wind, 20.65 ft mean hgt, ASCE 7-02, CLOSED bldg, not
 located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC
 DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

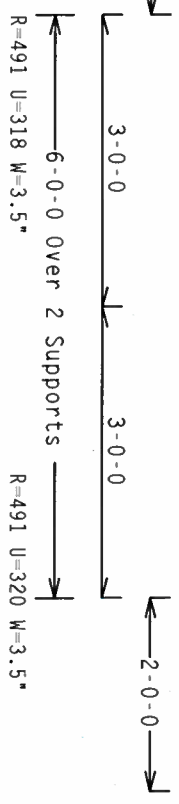
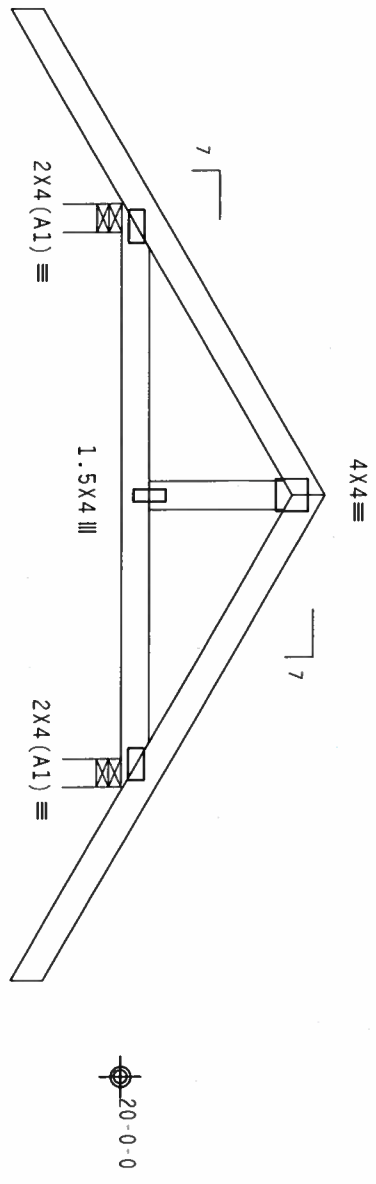
In lieu of structural panels or rigid ceiling use purlins to
 brace TC @ 24" OC, BC @ 24" OC.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

| | | |
|-----------|----------------------|----------------|
| TC - From | 63 PLF at -2.00 to | 63 PLF at 3.00 |
| TC - From | 63 PLF at 3.00 to | 63 PLF at 8.00 |
| BC - From | 5 PLF at -2.00 to | 5 PLF at 0.00 |
| BC - From | 20 PLF at 0.00 to | 20 PLF at 6.00 |
| BC - From | 5 PLF at 6.00 to | 5 PLF at 8.00 |
| TC - | 240 LB Conc. Load at | 3.00 |
| BC - | 41 LB Conc. Load at | 2.94, |
| BC - | 55 LB Conc. Load at | 3.00 |

Deflection meets L/240 live and L/180 total load. Creep increase
 factor for dead load is 1.50.



PLT TYP. Wave

Design Cmt: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

7.24.1230
 OTY:1 FL/-/4/-/R/-

Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 219 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. REFER TO BC&I BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 219 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



TW Building Components Group, Inc.
 Gaines City, FL 33844
 Author: 567



| | | | |
|----------|----------|------------|-------------------|
| TC LL | 20.0 PSF | REF R487-- | 10285 |
| TC DL | 10.0 PSF | DATE | 02/01/07 |
| BC DL | 10.0 PSF | DRW | HCUSR487 07032001 |
| BC LL | 0.0 PSF | HC-ENG | KH/AF |
| TOT.LD. | 40.0 PSF | SEON- | 149730 |
| DUR.FAC. | 1.25 | FROM | JFB |
| SPACING | 24.0" | JREF- | 1T41487 201 |

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

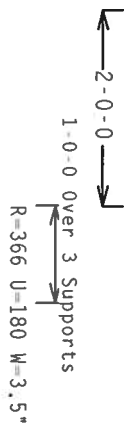
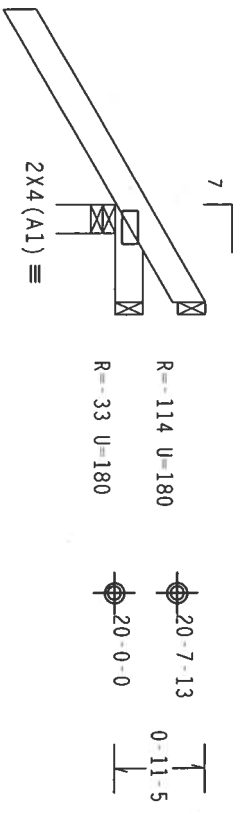
Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 20.07 ft mean hgt. ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

Design Critt: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

7.24.1230

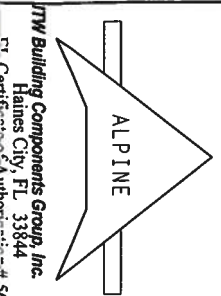
QTY: 1

FL/-/4/-/R/-

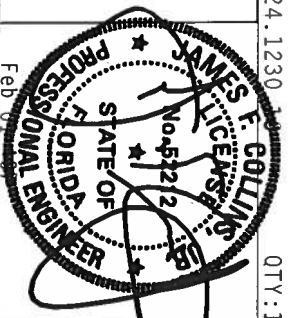
Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE OF TRUSS DESIGN OR CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/10/180A (A166/S161) ASTM A663 GRADE 40/60 (K, K2H/S1) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOR WELD BULGES UNLESS OTHERWISE SPECIFIED ON THIS DESIGN. RESISTION PER DRAWING 180A.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
Certified Authority # 567



| | | |
|----------|----------|-----------------------|
| TC LL | 20.0 PSF | REF R487 - - 10286 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 10.0 PSF | DRW HCURS487 07032019 |
| BC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT.LD. | 40.0 PSF | SEQN- 149716 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF- 1T4I487_201 |

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 20.61 ft mean ht, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

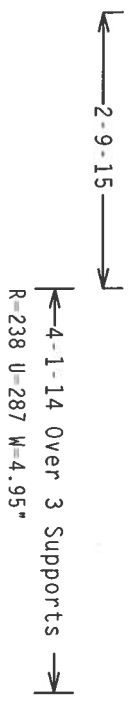
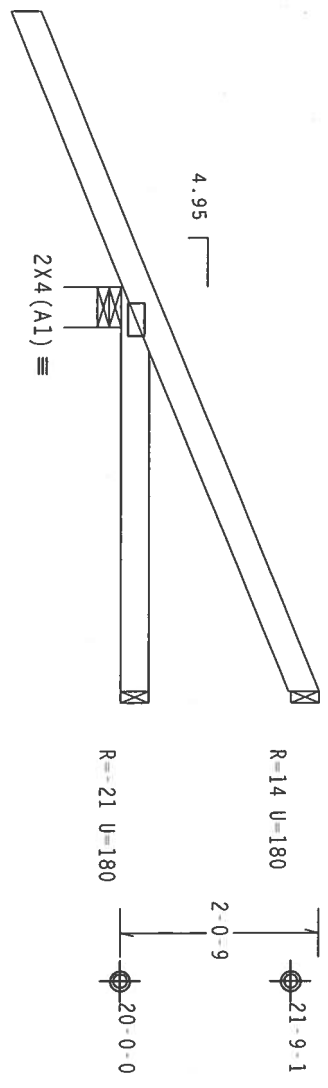
SPECIAL LOADS

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

| | | |
|-----------|---------------------------|----------------|
| TC - From | 62 PLF at -2.83 to | 62 PLF at 4.15 |
| BC - From | 4 PLF at -2.83 to | 4 PLF at 0.00 |
| TC - From | 20 PLF at 0.00 to | 20 PLF at 4.15 |
| BC - | 228 LB Conc. Load at 1.48 | |
| BC - | 66 LB Conc. Load at 1.48 | |

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

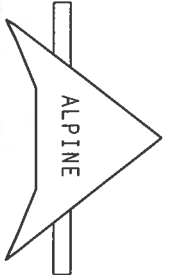
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

QTY: 1

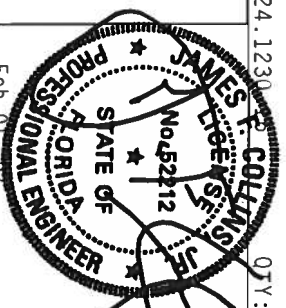
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I BUILDING COMPONENT SAFETY INFORMATION GUIDE BY TPI, INC. (10000 W. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, ANDISON, MI 49719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AERPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/18GA (M./S/S/K) ASTM A653 GRADE 40/60 (M./K/H./S5) GALV. STEEL. STEEL ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A, 2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES AS OF TPI-2002 SEC.3. A SEAL ON THIS ANNUAL INSPECTION REPORT SHALL BE PROVIDED BY THE DESIGNER. THE TRUSS COMPONENT DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
Certified Author # 567



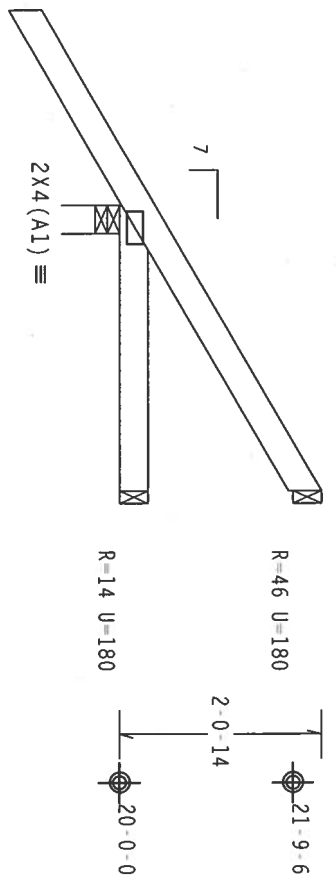
| | | |
|----------|----------|----------------------|
| C LL | 20.0 PSF | REF R487 - 10287 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUR487 07032009 |
| BC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT.LD. | 40.0 PSF | SEON- 149724 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF- 1741487_201 |

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 20.63 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
In lieu of structural panels or rigid ceiling use purllins to brace TC @ 24" OC, BC @ 24" OC.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

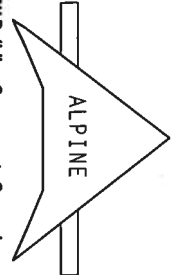
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/R/-

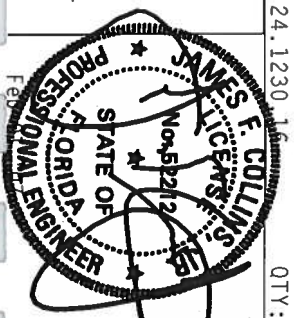
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE DRAWING FOR ALL DIMENSIONS AND DETAILS. THE TRUSS SHALL BE ASSEMBLED AND ERECTED ON NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WCA (WOOD TRUSS COUNCIL OF AMERICA), ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID DETAILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE OF THE TRUSS IN COMPLIANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (M, H/55/K) ASTM A653 GRADE 40/60 (M, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEN AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITM Building Components Group, Inc.
Haines City, FL 33844
Certified Author # 567

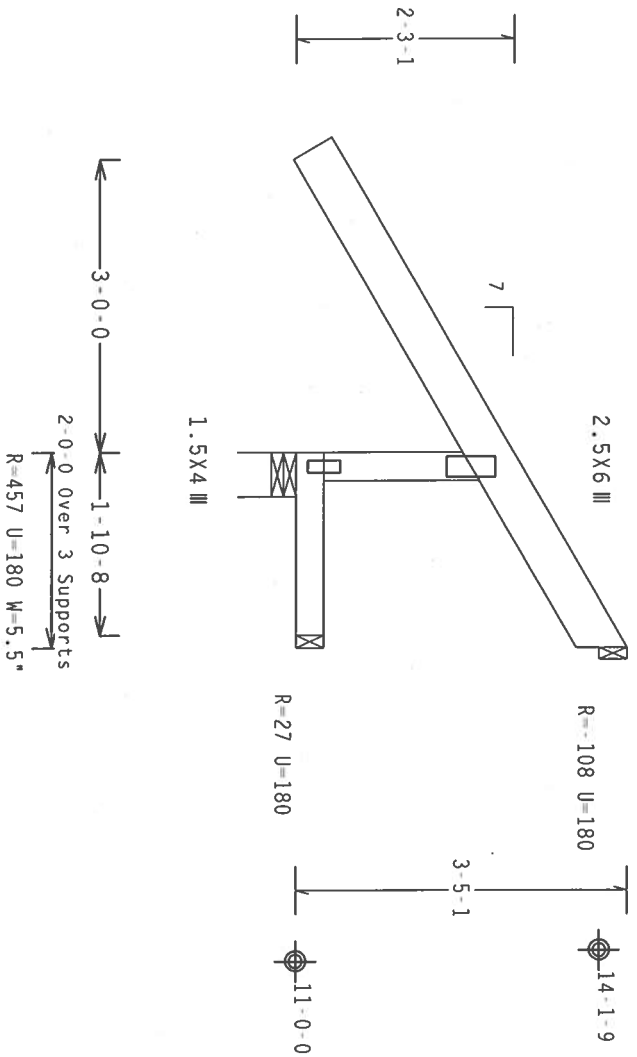


| | | | |
|----------|----------|--------------|-------------|
| TC LL | 20.0 PSF | REF R487 - - | 10288 |
| TC DL | 10.0 PSF | DATE | 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUR487 | 07032020 |
| BC LL | 0.0 PSF | HC-ENG KH/AF | |
| TOT.LD. | 40.0 PSF | SEON- | 149720 |
| DUR.FAC. | 1.25 | FROM | JFB |
| SPACING | 24.0" | JREF- | 1741487_201 |

Top chord 2x6 SP #2
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

7.24.1230

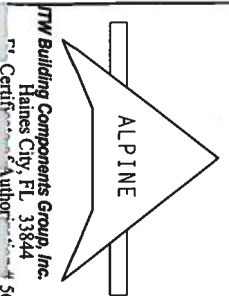
QTY: 1

FL/-/4/-/R/-

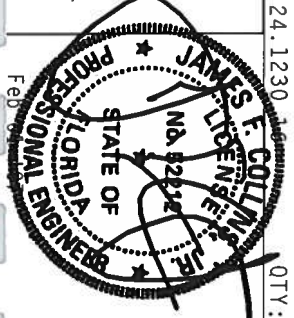
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TRUSS MANUFACTURER'S INSTRUCTIONS. PUBLISHED BY THE TRUSS ASSOCIATION, 210 HOBBS LEE STREET, SUITE 102, ALEXANDRIA, VA 22304. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASH 6653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES AS OF TPI-2002 SEC.3.3. A SEAL ON THIS DESIGN INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSI/TPI 1. SEC. 2.



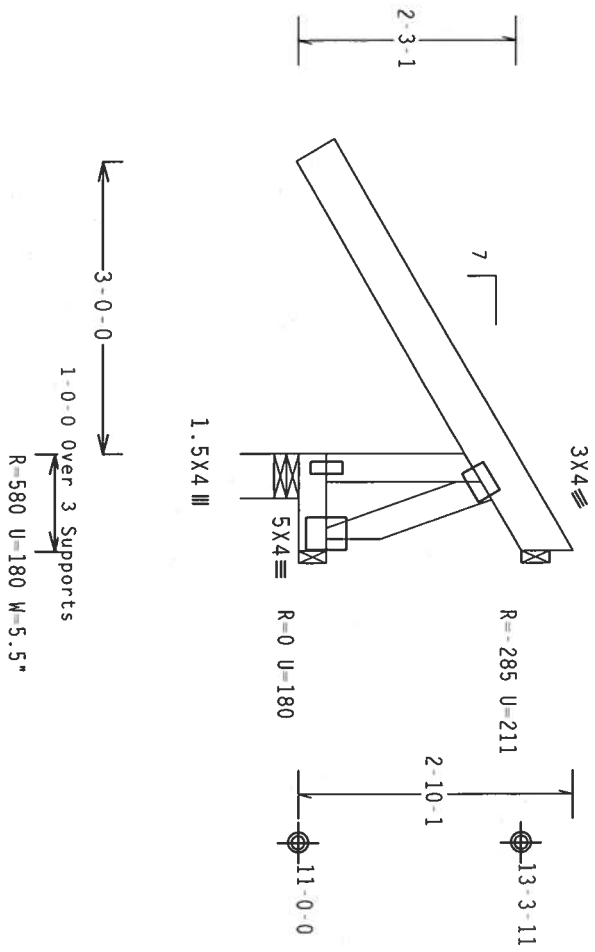
ITW Building Components Group, Inc.
 Haines City, FL 33844
 Cert. Author 567



| | | | |
|----------|----------|--------|-------------------|
| TC LL | 20.0 PSF | REF | R487 - 10289 |
| TC DL | 10.0 PSF | DATE | 02/01/07 |
| BC DL | 10.0 PSF | DRW | HCUSR487 07032007 |
| BC LL | 0.0 PSF | HC-ENG | KH/AF |
| TOT.LD. | 40.0 PSF | SEQN- | 149833 |
| DUR.FAC. | 1.25 | FROM | JFB |
| SPACING | 24.0" | JREF- | 1741487 201 |

Top chord 2x6 SP #2
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 Wind reactions based on MWFRS pressures.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 In lieu of structural panels or rigid ceiling use purllins to brace TC @ 24" OC, BC @ 24" OC.
 Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
 Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

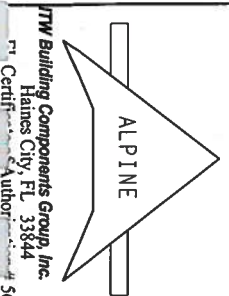
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/R/-

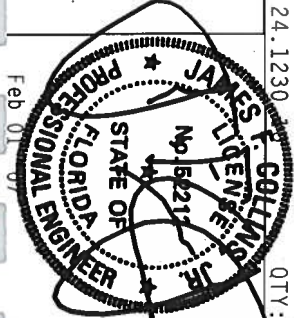
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TPI, INC., 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. JIM BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI; OR APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/186A (MIL/SS/K) ASTM A653 GRADE 40/60 (M, K/H, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002, SEC. 3.3. A SEAL ON THIS DRAWING INDICATES THE SUFFICIENCY OF THIS DESIGN. THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE DESIGN COMPONENT DESIGN SHOWS THE SUFFICIENCY OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1, SEC. 2.



TTW Building Components Group, Inc.
 Haines City, FL 33844
 Cert. No. 567



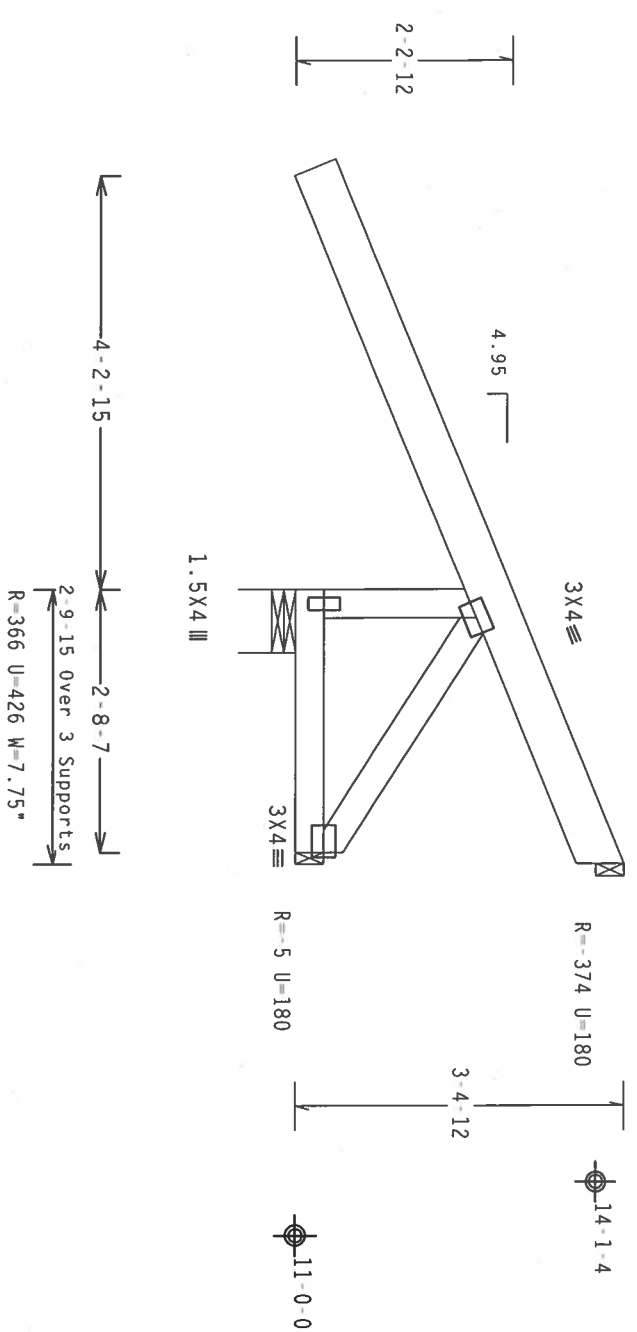
| | | | |
|----------|----------|--------------|-------------------|
| TC LL | 20.0 PSF | REF R487 - - | 10290 |
| TC DL | 10.0 PSF | DATE | 02/01/07 |
| BC DL | 10.0 PSF | DRW | HCUSR487 07032005 |
| BC LL | 0.0 PSF | HC-ENG | KH/AF |
| TOT.LD. | 40.0 PSF | SEON- | 149828 |
| DUR.FAC. | 1.25 | FROM | JFB |
| SPACING | 24.0" | JREF- | 1741487_201 |

Top chord 2x6 SP #2
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

SPECIAL LOADS

----- (UMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
 TC - From 62 PLF at -4.42 to 62 PLF at -4.24
 TC - From 66 PLF at -4.24 to 66 PLF at 0.00
 BC - From 62 PLF at 0.00 to 62 PLF at 2.83
 PLT - 494 LB Conc. Load at (1.48,13.80)
 PLB - 36 LB Conc. Load at (1.48,11.04)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, Wind BC DL=5.0 psf.
 Wind reactions based on MMFRS pressures.
 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

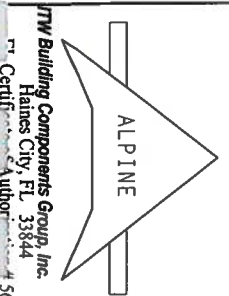
Design Crtt: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/ -/R/-

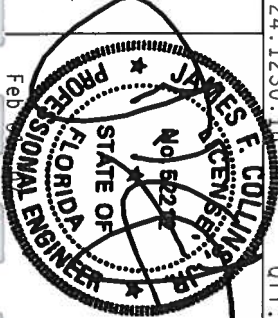
Scale = .5" /ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO THE TRUSS COMPANY'S TRUSSING MANUAL FOR THE PROPER BRACING OF TRUSSES. 210 NORTH LEE STREET, SUITE 100, ALEXANDRIA, VA 22304 AND ALEXANDRIA, VA 22304. THE TRUSS COMPANY SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE OF TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING INDICATED PER ANSI/ASCE 11 SEC. 2. OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/ASCE 11 SEC. 2.



ITW Building Components Group, Inc.
 Gaines City, FL 33844
 Author: 4567



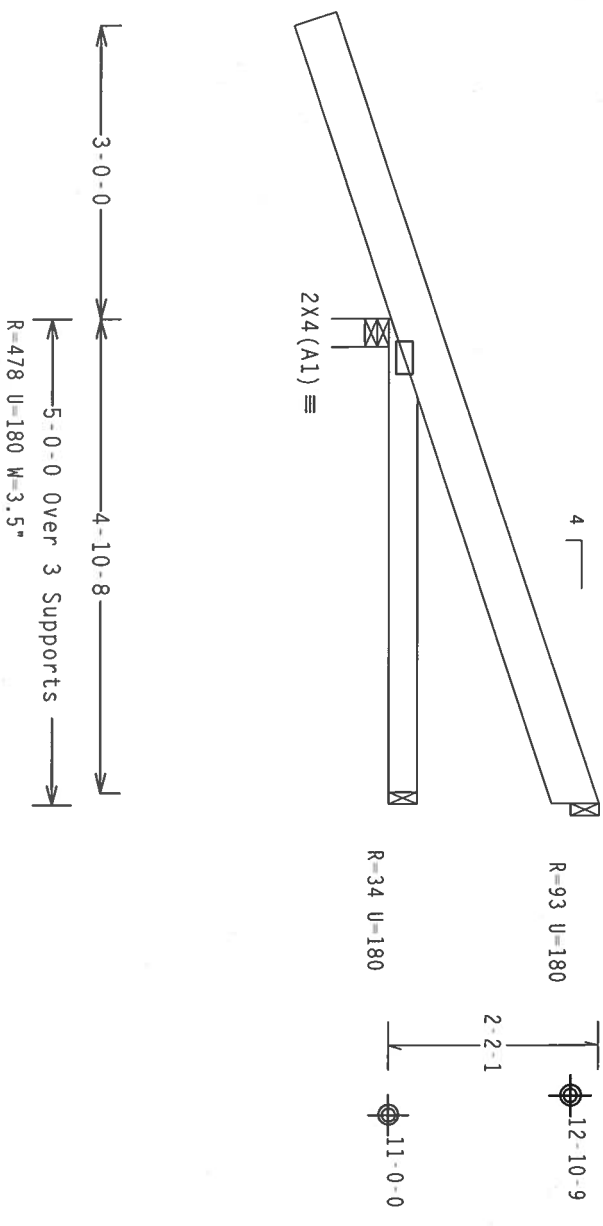
| | | | |
|----------|----------|--------------|-------------|
| TC LL | 20.0 PSF | REF R487-- | 10291 |
| TC DL | 10.0 PSF | DATE | 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUSR487 | 07032006 |
| BC LL | 0.0 PSF | HC-ENG | KH/AF |
| TOT.LD. | 40.0 PSF | SEQN- | 149838 |
| DUR.FAC. | 1.25 | FROM | JFB |
| SPACING | 24.0" | JREF- | 1T41487-201 |

Top chord 2x6 SP #2
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



PLT TYP. Wave

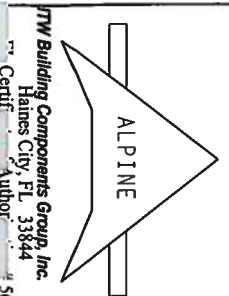
Design Cr1t: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/1/R/-

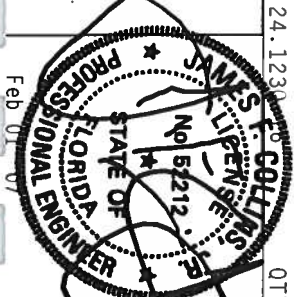
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS COMPONENTS MUST BE INSTALLED SAFELY AND ACCURATELY. THE TRUSS SHALL BE INSTALLED ON A PROPERLY ATTACHED RIGID CEILING. THE TRUSS SHALL BE INSTALLED ON A PROPERLY ATTACHED RIGID CEILING. THE TRUSS SHALL BE INSTALLED ON A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENT GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M, N/55/K) ASTM A653 GRADE 40/60 (K, N/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA/AS OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE SEAL SHALL BE THE PROPERTY OF THE DESIGNER AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/AS OF TPI-2002 SEC. 2.



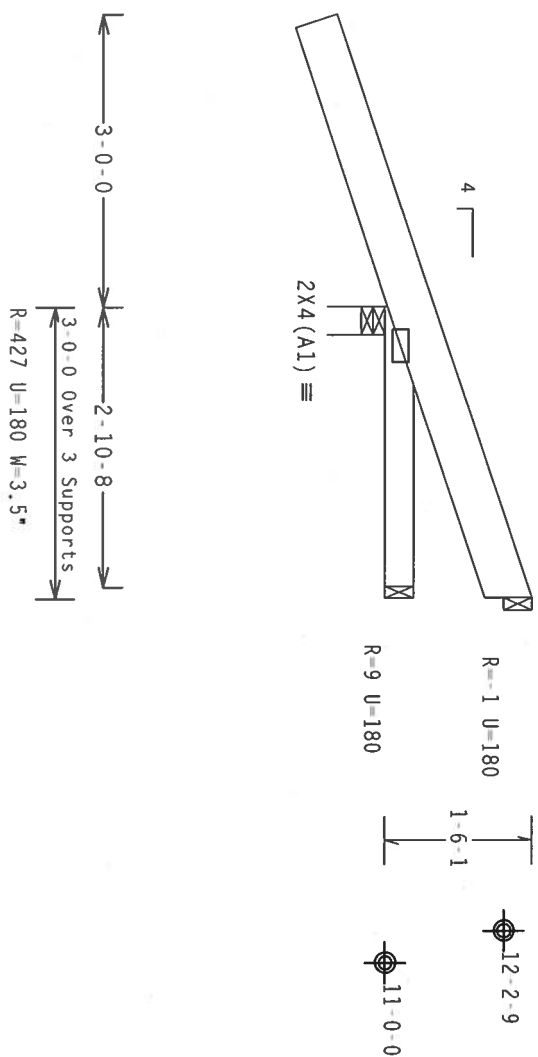
TW Building Components Group, Inc.
Haines City, FL 33844
Certif. Author # 567



| | | |
|----------|----------|----------------------|
| TC LL | 20.0 PSF | REF R487 - 10292 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 10.0 PSF | DRW HCUR487 07032018 |
| BC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT.LD. | 40.0 PSF | SEQN- 149806 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF- 1741487_201 |

Top chord 2x6 SP #2
 Bot chord 2x4 SP #2 Dense
 Wind reactions based on MMFRS pressures.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

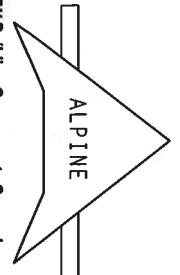
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 In lieu of structural panels or rigid ceiling use purllins to brace TC @ 24" OC, BC @ 24" OC.



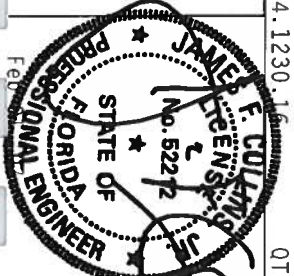
PLT TYP. Wave
 Design Cr1t: TPI-2002(STD) /FBC
 Qq/RT=1.00(1.25)/10(0)
 QTY: 1 FL/-/4/-/1-/R/-
 Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE SOURCE FOR TRUSS MANUFACTURING INFORMATION. THIS TRUSS IS DESIGNED FOR THE STRUCTURE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22310 AND HICK (GOOD) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48279. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI-2002 (STD). ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS) ASYM A653 GRADE 40/60 (W/ R/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES AS OF TPI-2002 SEC. 3.3. A SEAL ON THIS DESIGN INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TW Building Components Group, Inc.
 Haines City, FL 33844
 Author: 567
 Certifi.



| | | |
|-----------|----------|-----------------------|
| TC DL | 20.0 PSF | REF R487 - 10293 |
| BC DL | 10.0 PSF | DATE 02/01/07 |
| BC LL | 0.0 PSF | DRW HCURS487 07032017 |
| TC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT. LD. | 40.0 PSF | SEON- 149811 |
| DUR. FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF - 1741487_201 |

Top Chord 2x4 SP #2 Dense
 Bot Chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

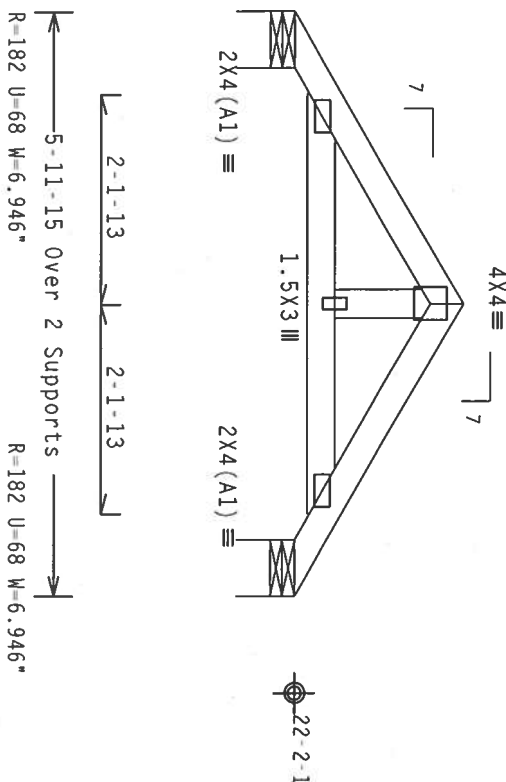
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

REFER TO HCUSR001 02086006 FOR PIGGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C., UNLESS OTHERWISE SPECIFIED.

110 mph wind, 23.05 ft mean hgt. ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

In lieu of structural panels or rigid ceiling use purtins to brace TC @ 24" OC, BC @ 24" OC.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/1/R/-

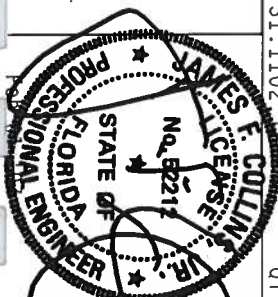
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. AFTER BESS (BUILDING COMPONENTS SAFETY) INFORMATION, DULSHEID BRACE TRUSS PLATE INSTITUTE, 210 N. W. 11TH ST., MIAMI, FL 33136, AND THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 537191, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W./V./S/K) ASTM A653 GRADE 40/60 (M. K/H./S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TW Building Components Group, Inc.
 Haines City, FL 33844
 Author: 567



| | | |
|----------|----------|-----------------------|
| TC LL | 20.0 PSF | REF R487 - 10295 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 2.0 PSF | DRW HCUSR487 07032013 |
| BC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT.LD. | 32.0 PSF | SEQN- 1342 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | IRRF- 1T41487_201 |

Top Chord 2x4 SP #2 Dense
 Bot Chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

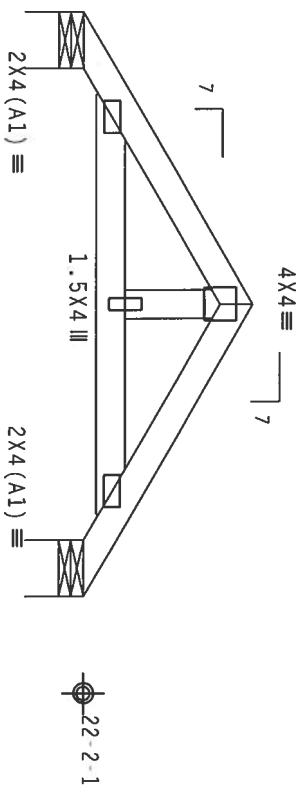
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

REFER TO HCUSR001 02086006 FOR PIGGYBACK DETAILS. TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

SEE DWGS HCUSR001 02086012 FOR MORE REQUIREMENTS.

110 mph wind, 23.05 ft mean hgt. ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

Wind reactions based on MMFRS pressures.
 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



5-11-15 Over 2 Supports
 R=182 U=180 W=6.946*
 R=182 U=180 W=6.946*

PLT TYP. Wave

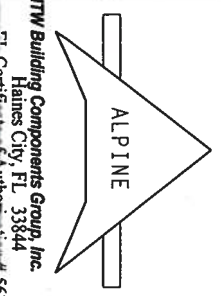
Design Crtt: TPI-2002(STD)/FBC
 Cq/RI=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/R/-

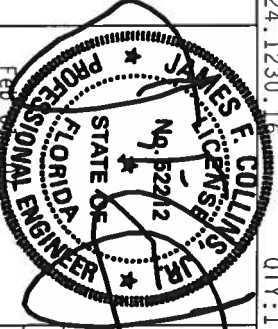
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE TRUSSES ARE MADE OF 20/18/16GA (N/A/SS)K1 ASTH A663 GRADE 40/60 (N/A/SS) GALV. STEEL. APPLY FINISHES TO EACH FACE OF JOISTS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. DRAWING INDICATES THE SURFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TW Building Components Group, Inc.
 Haimes City, FL 33844
 Author: 567



| | | |
|----------|----------|-----------------------|
| TC LL | 20.0 PSF | REF R487 -- 10296 |
| TC DL | 10.0 PSF | DATE 02/01/07 |
| BC DL | 2.0 PSF | DRW HCUSR487 07032012 |
| BC LL | 0.0 PSF | HC-ENG KH/AF |
| TOT. LD. | 32.0 PSF | SEQN- 149853 |
| DUR.FAC. | 1.25 | FROM JFB |
| SPACING | 24.0" | JREF- 1741487_201 |

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

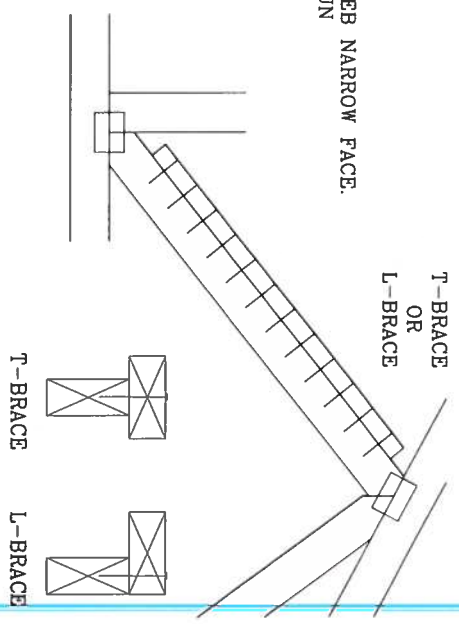
| WEB MEMBER SIZE | SPECIFIED CLB BRACING | T OR L-BRACE | ALTERNATIVE BRACING SCAB BRACE |
|-----------------|-----------------------|--------------|--------------------------------|
| 2X3 OR 2X4 | 1 ROW | | 2X4 |
| 2X3 OR 2X4 | 2 ROWS | | 2-2X4 |
| 2X6 | 1 ROW | | 2X4 |
| 2X6 | 2 ROWS | | 2-2X4(*) |
| 2X8 | 1 ROW | | 2X6 |
| 2X8 | 2 ROWS | | 2-2X6(*) |

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

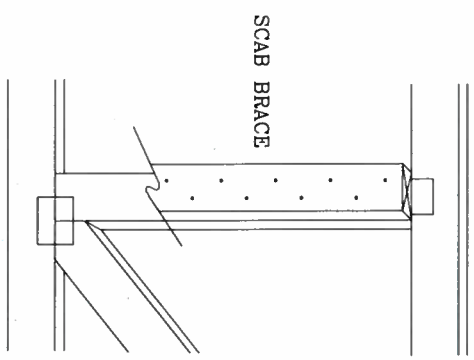
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

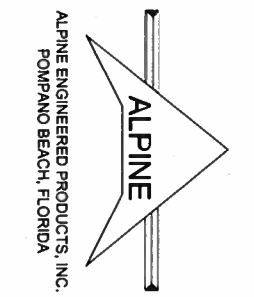


SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



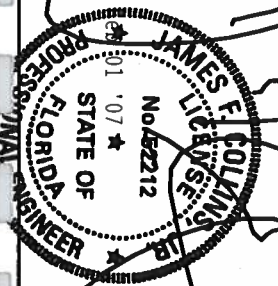
THIS DRAWING REPLACES DRAWING 579,640



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

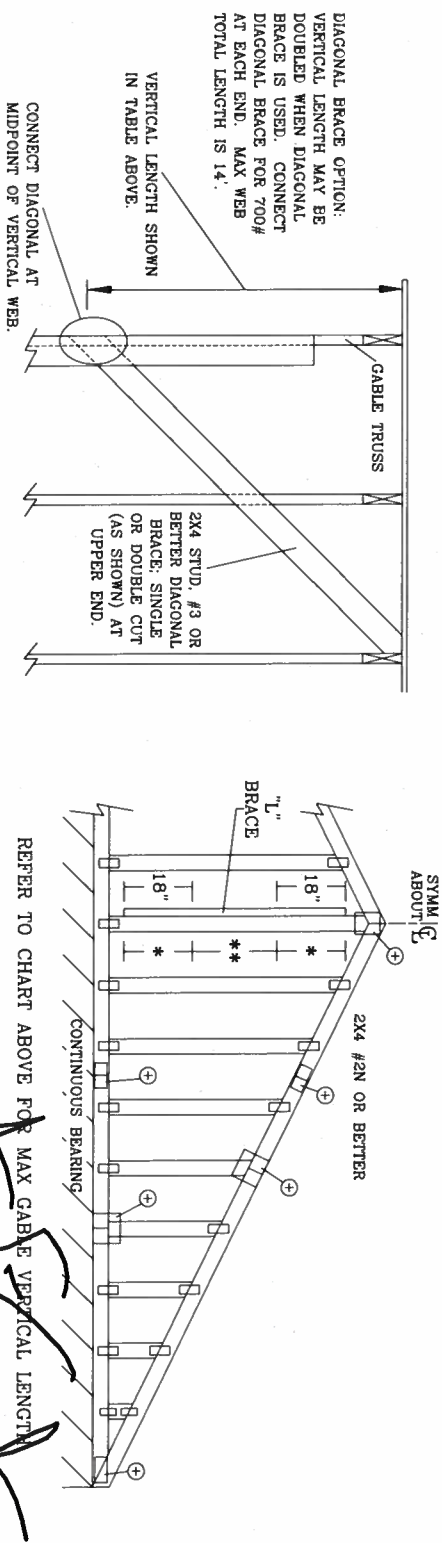
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SPECIFICATIONS LISTED BY THE MANUFACTURER. THE INSTITUTE, 218 NORTH LEE STR. SUITE 312 ALEXANDRIA, VA 22314 AND VITA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN. MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING REQUIREMENTS SPECIFIED BY ALPINE ENGINEERED PRODUCTS, INC. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE TRUSS SHALL BE PER ANNEK A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANS/TP1 1 SEC. 2.



| | | | |
|-----------|-----|------|--------------|
| TC LL | PSF | REF | CLB SUBST. |
| TT DL | PSF | DATE | 11/1/06 |
| BC DL | PSF | DRWG | BRCLESUB1106 |
| BC LL | PSF | ENG | MLH/KAR |
| TOT. LD. | PSF | | |
| DUR. FAC. | | | |
| SPACING | | | |

| GABLE VERTICAL SPACING | 2x4 SPECIES | BRACE GRADE | NO BRACES | BRACE | | | | | | | | | | |
|------------------------|-------------|-------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| | | | | GROUP A | GROUP B | GROUP A | GROUP B | GROUP A | GROUP B | | | | | |
| 12" O.C. | SPF | #1 / #2 | 3' 8" | 6' 4" | 6' 6" | 7' 6" | 7' 8" | 8' 11" | 9' 2" | 11' 9" | 12' 1" | 14' 0" | 14' 0" | |
| | | | 3' 7" | 5' 5" | 5' 5" | 7' 2" | 7' 2" | 8' 11" | 8' 11" | 11' 2" | 14' 0" | 14' 0" | 14' 0" | |
| | | | STANDARD | 3' 7" | 5' 5" | 5' 5" | 7' 1" | 7' 1" | 8' 11" | 8' 11" | 11' 1" | 11' 1" | 14' 0" | 14' 0" |
| | HF | STANDARD | #1 | 4' 0" | 6' 4" | 6' 10" | 7' 6" | 8' 1" | 8' 11" | 9' 7" | 11' 9" | 12' 8" | 14' 0" | 14' 0" |
| | | | #2 | 3' 11" | 6' 4" | 6' 10" | 7' 6" | 8' 1" | 8' 11" | 9' 7" | 11' 9" | 12' 8" | 14' 0" | 14' 0" |
| | | | #3 | 3' 9" | 5' 7" | 5' 7" | 7' 4" | 7' 4" | 8' 11" | 9' 5" | 11' 5" | 11' 5" | 14' 0" | 14' 0" |
| | DFL | STANDARD | #1 / #2 | 3' 8" | 4' 9" | 4' 9" | 6' 3" | 6' 3" | 8' 5" | 8' 5" | 11' 4" | 11' 4" | 14' 0" | 14' 0" |
| | | | #3 | 4' 2" | 7' 3" | 7' 5" | 8' 7" | 8' 7" | 10' 3" | 10' 3" | 13' 5" | 13' 5" | 14' 0" | 14' 0" |
| | | | STANDARD | 4' 1" | 6' 8" | 6' 8" | 8' 0" | 8' 0" | 10' 3" | 10' 3" | 13' 5" | 13' 5" | 14' 0" | 14' 0" |
| | SPF | STANDARD | #1 | 4' 1" | 5' 8" | 5' 8" | 7' 6" | 7' 6" | 10' 1" | 10' 1" | 11' 8" | 11' 8" | 14' 0" | 14' 0" |
| | | | #2 | 4' 7" | 7' 3" | 7' 3" | 8' 7" | 8' 7" | 10' 3" | 11' 0" | 13' 5" | 14' 0" | 14' 0" | |
| | | | #3 | 4' 4" | 6' 10" | 6' 10" | 8' 7" | 8' 7" | 10' 3" | 10' 9" | 13' 5" | 14' 0" | 14' 0" | |
| DFL | STANDARD | #1 | 4' 4" | 6' 9" | 6' 9" | 8' 7" | 8' 7" | 10' 3" | 10' 9" | 13' 5" | 14' 0" | 14' 0" | | |
| | | #2 | 4' 4" | 6' 10" | 6' 10" | 8' 7" | 8' 7" | 10' 3" | 10' 9" | 13' 5" | 14' 0" | 14' 0" | | |
| | | #3 | 4' 2" | 5' 10" | 5' 10" | 7' 8" | 7' 8" | 10' 3" | 10' 4" | 11' 11" | 14' 0" | 14' 0" | | |
| SPF | STANDARD | #1 / #2 | 4' 7" | 8' 0" | 8' 2" | 9' 5" | 9' 5" | 11' 3" | 11' 3" | 14' 0" | 14' 0" | 14' 0" | | |
| | | #3 | 4' 6" | 7' 8" | 7' 8" | 9' 5" | 9' 5" | 11' 3" | 11' 3" | 14' 0" | 14' 0" | 14' 0" | | |
| | | STANDARD | 4' 6" | 7' 8" | 7' 8" | 9' 5" | 9' 5" | 11' 3" | 11' 3" | 14' 0" | 14' 0" | 14' 0" | | |
| HF | STANDARD | #1 | 5' 1" | 8' 0" | 8' 7" | 9' 5" | 9' 5" | 11' 3" | 12' 1" | 14' 0" | 14' 0" | 14' 0" | | |
| | | #2 | 4' 11" | 8' 0" | 8' 7" | 9' 5" | 9' 5" | 11' 3" | 12' 1" | 14' 0" | 14' 0" | 14' 0" | | |
| | | #3 | 4' 9" | 7' 11" | 7' 11" | 9' 5" | 9' 5" | 11' 3" | 11' 10" | 14' 0" | 14' 0" | 14' 0" | | |
| DFL | STANDARD | #1 | 4' 9" | 7' 9" | 7' 9" | 9' 5" | 9' 5" | 11' 3" | 11' 10" | 14' 0" | 14' 0" | 14' 0" | | |
| | | #2 | 4' 9" | 7' 9" | 7' 9" | 9' 5" | 9' 5" | 11' 3" | 11' 10" | 14' 0" | 14' 0" | 14' 0" | | |
| | | #3 | 4' 7" | 6' 9" | 6' 9" | 8' 10" | 8' 10" | 11' 3" | 11' 7" | 13' 10" | 13' 10" | 14' 0" | | |



ALPINE

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 700# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

CONNECT DIAGONAL AT MIDPOINT OF VERTICAL WEB.

REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

MAX. SPACING 24.0"

MAX. TOT. LD. 60 PSF

DRWG A11030EE1106

REF ASCET-02-GAB11030

DATE 11/1/06

ENG

| BRACING GROUP SPECIES AND GRADES: | | | |
|-----------------------------------|----------|-------------------|----------|
| GROUP A: | | HEM-FIR | |
| SPRUCE-PINE-FIR | #1 / #2 | STUD | #2 |
| STANDARD | STUD | STANDARD | STANDARD |
| #3 | STUD | | |
| DOUGLAS FIR-LARCH | | SOUTHERN PINE | |
| STUD | #3 | STUD | #3 |
| STANDARD | STANDARD | STANDARD | STANDARD |
| GROUP B: | | | |
| HEM-FIR | | DOUGLAS FIR-LARCH | |
| #1 & BTR | #1 | #1 | #2 |
| | | | |
| SOUTHERN PINE | | DOUGLAS FIR-LARCH | |
| #1 | #2 | #1 | #2 |
| | | | |

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UP/LIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

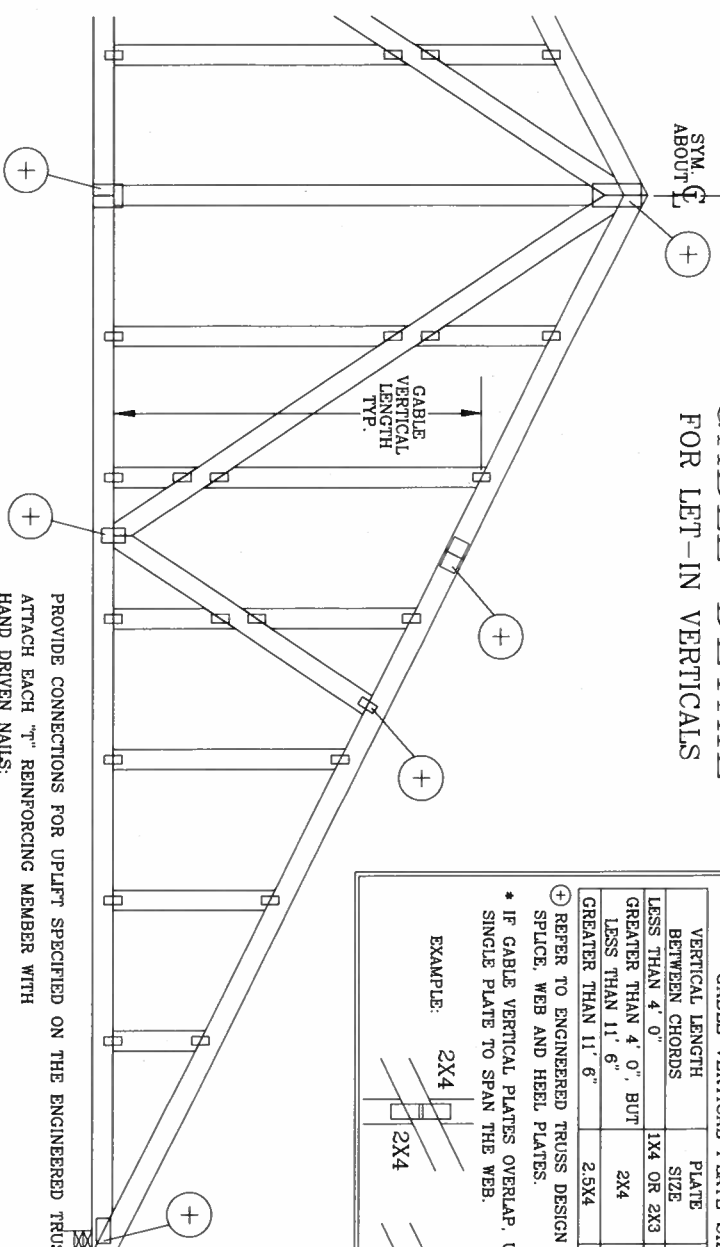
| GABLE VERTICAL PLATE SIZES | | |
|---|------------|--|
| VERTICAL LENGTH | NO SPLICE | |
| LESS THAN 4' 0" | 1X4 OR 2X3 | |
| GREATER THAN 4' 0" BUT LESS THAN 11' 6" | 2X4 | |
| GREATER THAN 11' 6" | 2.5X4 | |

+ REFER TO COMMON TRUSS DESIGN FOR PEAK SPLICE, AND HEEL PLATES.

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

JAMES E. COLLINS
No. 22242
FLORIDA PROFESSIONAL ENGINEER
Feb 10 2007

CABLE DETAIL FOR LET-IN VERTICALS

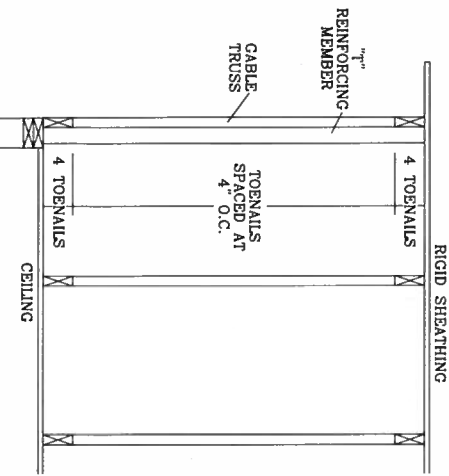


| CABLE VERTICAL PLATE SIZES | | |
|--|------------|--------------------|
| VERTICAL LENGTH BETWEEN CHORDS | PLATE SIZE | IF PLATES OVERLAP* |
| LESS THAN 4' 0" | 1X4 OR 2X3 | 2X8 |
| GREATER THAN 4' 0", BUT LESS THAN 11' 6" | 2X4 | 2X8 |
| GREATER THAN 11' 6" | 2.5X4 | 2.5X8 |

* REFER TO ENGINEERED TRUSS DESIGN FOR PEAK SPLICE, WEB AND HEEL PLATES.

* IF CABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE:



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH HAND DRIVEN NAILS:

- 10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS
- (4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.
- GUN DRIVEN NAILS:
- (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

- A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
- A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103

ASCE 7-98 GABLE DETAIL DRAWINGS

- A13015EC1103, A12015EC1103, A11015EC1103, A08515EC1103
- A13030EC1103, A12030EC1103, A11030EC1103, A08530EC1103

ASCE 7-02 GABLE DETAIL DRAWINGS

- A13015EB0405, A12015EB0405, A11015EB0405, A08515EB0405,
- A13030EB0405, A12030EB0405, A11030EB0405, A08530EB0405

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

| WIND SPEED AND MRH | "T" REINFORCING MEMBER SIZE | SBCCI | ASCE |
|--------------------|-----------------------------|-------|------|
| 110 MPH | 2x4 | 10% | 10% |
| 15 FT | 2x6 | 40% | 50% |
| 110 MPH | 2x4 | 10% | 10% |
| 30 FT | 2x6 | 50% | 50% |
| 100 MPH | 2x4 | 10% | 10% |
| 15 FT | 2x6 | 30% | 50% |
| 100 MPH | 2x4 | 10% | 10% |
| 30 FT | 2x6 | 40% | 40% |
| 90 MPH | 2x4 | 20% | 10% |
| 15 FT | 2x6 | 20% | 40% |
| 80 MPH | 2x4 | 10% | 10% |
| 15 FT | 2x6 | 10% | 30% |
| 80 MPH | 2x4 | 20% | 20% |
| 30 FT | 2x6 | 20% | 40% |
| 70 MPH | 2x4 | 0% | 20% |
| 15 FT | 2x6 | 0% | 20% |
| 70 MPH | 2x4 | 10% | 20% |
| 30 FT | 2x6 | 10% | 30% |

EXAMPLE:

- ASCE WIND SPEED = 100 MPH
- MEAN ROOF HEIGHT = 30 FT
- GABLE VERTICAL = 24" O.C. SP #3
- "T" REINFORCING MEMBER SIZE = 2X4
- (1) 2X4 "L" BRACE LENGTH = 6' 7"
- MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH = 1.10 x 6' 7" = 7' 3"



THIS DRAWING REFERENCES DRAWINGS GAB98117 876,719 & HC26294035

| | |
|------|-------------|
| REF | LET-IN VERT |
| DATE | 11/1/06 |
| DRWG | GBLETTN1106 |
| ENG | DLJ/KAR |



ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING CONDITION SAFETY INFORMATION, PUBLISHED BY THE CROSS MEMBERSHIP OF THE ROYAL CANADIAN MOUNTED POLICE, 5125 HURON ST., SASKATOON, SASK. S0N 0A0, CANADA FOR A COMPLETE LIST OF FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUC PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR, ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONCORDS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION) AND THE CONNECTOR PLATES ARE MADE OF 6061-T6 ALUMINUM ALLOY AS SHOWN ON DRAWING. LOCATED ON THIS DESIGN POSITION PER DRAWING 1004-7. ANY INSPECTION OF PLATES PROVIDED BY PROFESSIONAL ENGINEERING RESPONSIBILITY SOLICIT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

(PIGGYBACK -)

TOP CHORD 2x4 SP #2N
 BOT CHORD 2x4 SP #3 OR #2N
 WEBS 2x4 SP #3

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

TRUSSES BUILT PER THIS DETAIL DESIGNED TO BE USED FOR THE FOLLOWING:
 140 MPH WIND, 30.0 FT MEAN HGT, ASCF 7-98, PART. ENC. BLDG, CAT II, EXP C.
 140 MPH WIND, 30.0 FT MEAN HGT, ASCF 7-02, PART. ENC. BLDG, CAT II, EXP C.

*.E (4) 0.131"x1.375" SCOTCH NAILS OR EQUAL IN EACH MEMBER. TRULLOX PLATE TO BE APPLIED TO EACH FACE AT 2'-0" O.C. MAXIMUM SPACING. REFER TO DRAWING 142 FOR TRULLOX INFORMATION. PLATES ON THE FRONT FACE OF TRUSS MAY BE OFFSET FROM THE PLATES ON THE BACK FACE AS LONG AS PLATES ARE SPACED 4'-0" O.C. MAX.

NOTE: PIGGYBACK VERTICALS TO BE SPACED AT 4'-0" O.C. MAXIMUM.

** MAXIMUM SIZE OF 2X12, #2 HEM-FIR OR BETTER.

E - 4X6 ALPINE, 3X6 TRULLOX AT 2'-0" O.C. MAX.

++ PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH W1.5X3 ALPINE.

* - 3X8 TRULLOX PLATE OR ALPINE PIGGYBACK SPECIAL PLATE (SEE DRWG. 847.847)

140 MPH WIND, 30.0 FT MEAN HGT, ASCF 7-02, PART. ENC. BLDG, CAT II, EXP C.

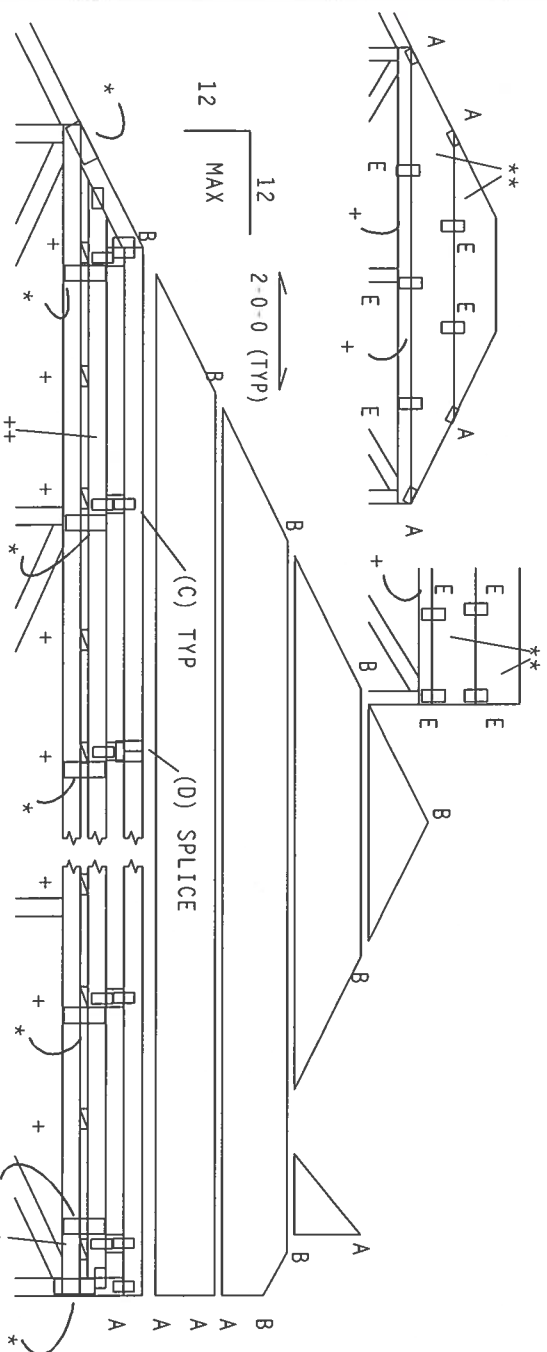
NOTE: THIS DETAIL MAY ALSO BE USED FOR A MONO OR HIP-MONO PIGGYBACK USING A TYPE-C PLATE AT THE HIGH END. AND END VERTICAL WHICH IS GREATER THAN 6'-0" IN LENGTH AND EXPOSED TO WIND MUST BE VERIFIED BY ALPINE ENGINEERED PRODUCTS.

NOTE: TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAX SPACING. ATTACH TO TOP SIDE OF SUPPORTED TRUSS TOP CHORD WITH 2-16D NAILS IN EACH TRUSS.
 OR
 1X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAX. SPACING. ATTACH TO BOTTOM SIDE OF SUPPORTED TRUSS TOP CHORD WITH 2-16D NAILS IN EACH TRUSS. BOTTOM CHORD OF PIGGYBACK SHOULD REST DIRECTLY ON THE TOP CHORD OF THE SUPPORTED TRUSS.

NOTE: BRACING MATERIAL IS TO BE ATTACHED TO A SUITABLE SUPPORT AT EACH END, AND MUST BE #3 HEM-FIR OR BETTER.

| JOINT TYPE | SPANS UP TO | UP TO | NO BRACING |
|------------|-------------|--------|---|
| A | 30'-0" | 34'-0" | 7'-9" |
| B | 34'-0" | 38'-0" | TO 12'-3" |
| C | 38'-0" | 42'-0" | 1X4 T-BRACE, SAME GRADE AND LENGTH AS WEB, ATTACH WITH 8D NAILS AT 6" O.C. |
| D | 42'-0" | 46'-0" | TO 14'-0" |
| | | | 2X4 T-BRACE, SAME GRADE AND LENGTH AS WEB, ATTACH WITH 16D NAILS AT 4" O.C. |



ALTERNATE LOADING:
 TCLL 20 30 PSF
 TC DL 20 OR 15 PSF
 BCDL 10 10 PSF
 TOTL 50 55 PSF
 1.25 1.33

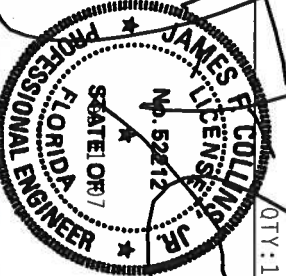
PLT TYP. High Strength Wave TPI-95

Design Criteria: TPI (STD)

42-0-0 MAXIMUM PIGGYBACK SPAN

WARNING TROSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN 1 FOR ADDITIONAL INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 689 W. 10TH ST., SUITE 100, DENVER, CO 80202. TEL: 303-733-1111. FAX: 303-733-1112. WWW.TPI-TRUSS.COM. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILING TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TROSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H./S/N) ASTM A653 GRADE 40/60 (4, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. DRAMAING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THIS DESIGN SHOWS THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.



REVISED FOR ASCE 7-02.
 DLJ 09/30/2005

QTY: 1

DETAIL: 140PB

| REF | DATE | DESCRIPTION |
|------|----------|----------------------|
| R001 | 03/27/02 | DRW HCUR001 02086006 |
| | | HC-ENG DLJ/DLJ |
| | | SEON - 24938 |

| | |
|-----------|----------|
| TOT. LB. | 47.0 PSF |
| DUR. FAC. | 1.33 |
| SPACING | 24.0" |

JREF - 150V001_R38

(**) 2X4 SO. PINE #3 GABLE STUDS. ATTACH TO TOP CHORD. DIAGONAL WEBS AND BOTTOM CHORD WITH W2X4 ALPINE PLATES. ALL (**) GABLE STUDS REQUIRED REINFORCING MEMBER. REINFORCING MEMBER MUST BE TOENAILLED TO GABLE STUD WITH 0.131"x3" GUN NAILS AT 4" O.C. PLUS A CLUSTER OF 0.131"x3" TOENAILS AT THE TOP AND BOTTOM CHORD. SEE DETAIL FOR STUD BRACING AND SPACING OF VERTICALS.

NOTE: TRUSS ERECTOR IS RESPONSIBLE FOR PERMANENT WEB BRACING. WHEN BRACING IS REQUIRED, FURNISH A COPY OF THIS DRAWING TO TRUSS ERECTOR.

+PLATE AS REQUIRED ON APPROPRIATE DRAWING.

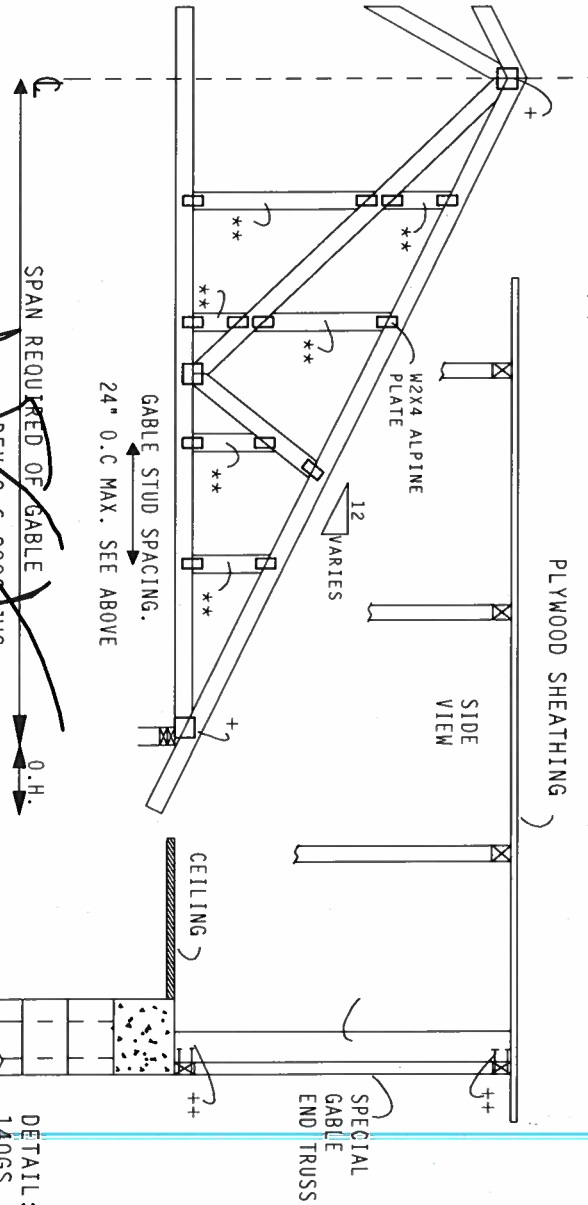
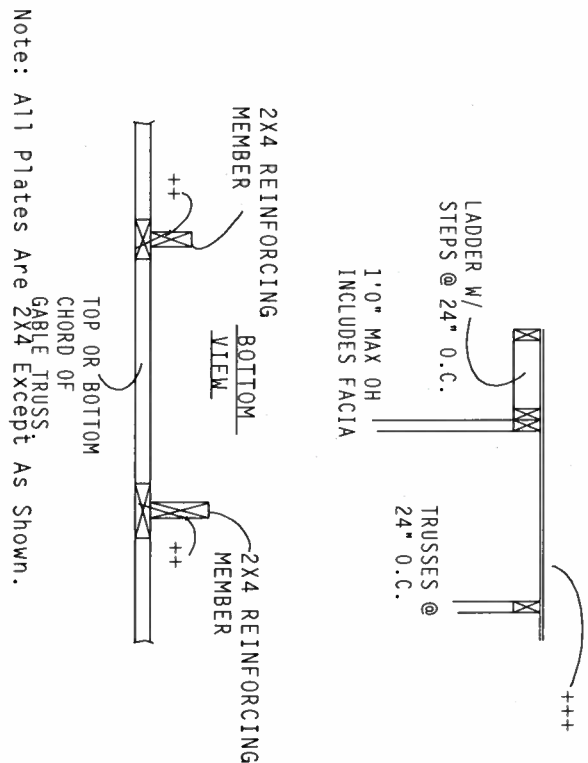
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO DESIGN THE ROOF AND CEILING DIAPHRAGMS AND SPECIFY CONNECTIONS TO TRANSFER ALL OUT-OF-PLANE LOADS INTO THE ROOF AND CEILING DIAPHRAGMS.

NOTE: MAIL STEPS OF LADDER TRUSS ONTO THE OUTSIDE PIECES WITH 2-16D NAILS AT EACH END.

NOTE: ATTACH LADDER TRUSS TO TOP CHORD OF GABLE TRUSS WITH TWO ROWS OF 16D NAILS @ 8" O.C. STAGGERED 4"

+++ 7/16 MINIMUM APA RATED SHEATHING PROPERLY ATTACHED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS.

- R2: REVISED FOR ASCE 7-02
- DLJ 09/30/2005
- R3: REVISED DIAPHRAGM NOTE.
- DLJ 02/27/2006



140 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, PART. ENCLOSED BLDG.
 CAT II, EXP. C.
 140 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, PART. ENCLOSED BLDG.
 CAT II, EXP. C.
 SEE APPROPRIATE ALPINE DRAWING FOR LUMBER, PLATES AND OTHER DATA NOT SHOWN HERE.

** STUD MUST BE ATTACHED TO CHORDS AND DIAGONAL REINFORCING MEMBER REQUIRED

| REINFORCING MEMBER | REQUIRED SPACING | MAX. LENGTH |
|--------------------|------------------|-------------|
| 2X4 SO. PINE #3 | 24" O.C. | 2'-10" |
| 2X4 SO. PINE #3 | 16" O.C. | 3'-5" |
| 2X4 SO. PINE #3 | 12" O.C. | 5'-0" |
| 2X6 SO. PINE #2 N | 24" O.C. | 5'-0" |
| 2X6 SO. PINE #2 N | 19" O.C. | 9'-2" |
| 2X6 SO. PINE #2 N | 16" O.C. | 7'-1" |
| 2X8 SO. PINE #2 N | 24" O.C. | 7'-6" |
| 2X8 SO. PINE #2 N | 16" O.C. | 9'-1" |
| 2X8 SO. PINE #2 N | 12" O.C. | 10'-4" |

PLT TYP. Wave TPI-95

Design Criteria: TPI (STD)

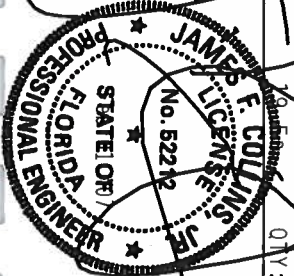
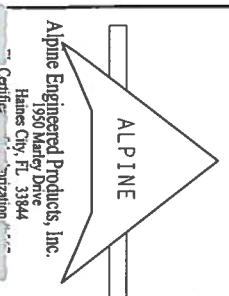
REV 2-6-2004 JWC

HI/-/1/-/R/-

Scale = .3125"/ft.

WARNINGS TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TRUSS MANUFACTURER'S INSTRUCTIONS FOR ALL SAFETY PRACTICES. THE TRUSS MANUFACTURER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/S/S) ASTM A653 GRADE 40/60 (M. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING TPO-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1 2002 SEC.3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS CONTRACTOR'S USE. THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



| REF | DATE | DESCRIPTION | BY |
|------|----------|----------------------|-----|
| R001 | 03/27/02 | DRW HCUR001 02086012 | DLJ |
| R002 | | HC-ENG DLJ/DLJ | DLJ |
| R003 | | SEON - 24104 | DLJ |
| R004 | | FROM HC | DLJ |

DUR. FAC. 1.33

JREF - 1SV3001_R03

AfN: WEGGIE

**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000001426**

DATE: 07/31/2007 BUILDING PERMIT NO. 26074

APPLICANT ROXANNE NAPIER PHONE 719-7143

ADDRESS 2109 W HIGHWAY 90 LAKE CITY FL 32055

OWNER RESIDENIAL DEVELOPMENT GROUP PHONE _____

ADDRESS 333 SW ROSEMARY DRIVE LAKE CITY FL 32024

CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143

LOCATION OF PROPERTY HIGHWAY 90W, TL ON 252B,TR ON ROSEMARY DRIVE,(ENTRANCE TO THE PRESERVE), 2/10 MILES ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PRE. AT LAUREL LAKES

PARCEL ID # 03-4S-16-02732-004

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Roxanne Napier

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

APPROVED NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: [Signature] DATE: 8-7-07

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160





CAL-TECH TESTING, INC.

ENGINEERING & TESTING
LABORATORY

P.O. Box 1625 • Lake City, FL 32056 • (386) 755-3633 • Fax (386) 752-5456

26074
2230 Greensboro Hwy.
Quincy, FL 32351
(850) 442-3495 • Fax (850) 442-4008
4784 Rosselle St.
Jacksonville, FL 32254
(904) 381-8901 • Fax (904) 381-8902

REPORT OF DAILY CONSTRUCTION TESTING AND MONITORING

Client Issac Const.
Project Preserve @ Laurel Lakes
Contractor SAC

Date 08-21-07
Job. No. 07-359
Technician P. Geygo

WORK ORDER:

- | | | | |
|---|------------------------------------|---------|--|
| <input checked="" type="checkbox"/> DENSITY | <input type="checkbox"/> CONCRETE | Set No. | <input type="checkbox"/> Pick-Up Proctor |
| Spec's: <u>95%</u> | <input type="checkbox"/> Cylinders | _____ | _____ |
| Test No.: <u>1-4</u> | <input type="checkbox"/> Beams | _____ | <input type="checkbox"/> Pick-Up LBR |
| Inches: <u>12 1/2</u> | <input type="checkbox"/> Prisms | _____ | _____ |
| | <input type="checkbox"/> Pick-Up | _____ | _____ |

DESCRIPTION OF DAYS ACTIVITIES:

Conducted nuclear density test on bldg fill for Club House. All test met/exceeded required spec rate.

AUG 23 2007

Time Out: 4:00 Pm

Time In: 5:00 Pm

FDT's Performed (4)
Cyls Cast/Cal-Tech _____
Cyls Cast/Client _____
Beams Cast/Cal-Tech: _____

Weather: _____
Hours Worked: ,75
Other Tests: _____

Hours Travel: .25
Miles Travel: _____
Hours Standby: _____
Hours O.T.: _____

FIELD REPRESENTATIVE

CLIENT REPRESENTATIVE



Cal-Tech Testing, Inc.

- Engineering
 - Geotechnical
 - Environmental
- Laboratories**

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
 4784 Rosselle St., Jacksonville, FL 32254 • Tel(904)381-8901 • Fax(904)381-8902
 2230 Greensboro Hwy • Quincy, FL 32351 • Tel(850)442-3495 • Fax(850)442-4008

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 07-359
 DATE TESTED: 8/21/07
 DATE REPORTED: 8/23/07

| | |
|--|--|
| PROJECT: | Amenity Center at The Preserve Substation, Lake City, FL |
| CLIENT: | Isaac Construction PMB# 338, 2109 W. US 90, Suite 1, Lake City, FL 32055 |
| GENERAL CONTRACTOR: | Isaac Construction |
| EARTHWORK CONTRACTOR: | Issac Construction |
| INSPECTOR: | Pam Geiger |
| ASTM METHOD | SOIL USE |
| (D-2922) Nuclear ▼ | BUILDING FILL ▼ |
| SPECIFICATION REQUIREMENTS: 95% | |

| TEST NO. | TEST LOCATION | TEST DEPTH | WET DENSITY (lb/ft ³) | MOISTURE PERCENT | DRY DENSITY (lb/ft ³) | PROCTOR TEST NO. | PROCTOR VALUE | % MAXIMUM DENSITY |
|----------|----------------------------------|------------|-----------------------------------|------------------|-----------------------------------|------------------|---------------|-------------------|
| 1 | 7' South x 8' East of NW Corner | 12" | 112.1 | 3.6 | 108.2 | 1 | 112.2 | 96% |
| 2 | 6' South x 7' West of NW Corner | 12" | 109.9 | 2.8 | 106.9 | 1 | 112.2 | 95% |
| 3 | 8' North x 10' East of SW Corner | 12" | 111.3 | 3.1 | 108.0 | 1 | 112.2 | 96% |
| 4 | Approx. Center | 12" | 112.7 | 3.5 | 108.9 | 1 | 112.2 | 97% |

REMARKS: The Above Tests Meet Specification Requirements. ▼

| PROCTORS | | | | |
|-------------|------------------|---|-------------|--------------------------|
| PROCTOR NO. | SOIL DESCRIPTION | MAXIMUM DRY UNIT WEIGHT (lb/ft ³) | OPT. MOIST. | TYPE |
| 1 | Timmerman Pit | 112.2 | 12.4 | MODIFIED (ASTM D-1557) ▼ |

Respectfully Submitted,
 CAL-TECH TESTING, INC.

Linda Creamer, CEO, DBE

Linda M. Creamer
 President - CEO

Reviewed By:

Date: *[Signature]* 8/23/07
 Licensed, Florida No: 57842

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

CENTRAL FLORIDA AVENUE OPEN

OCCUPANCY

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 03-4S-16-02732-004 Building permit No. 000026074

Use Classification CLUB HOUSE Fire: 14.74

Permit Holder ISAAC CONSTRUCTION Waste: 117.25

Owner of Building RESIDENTIAL DEVELOPMENT GROUP Total: 131.99

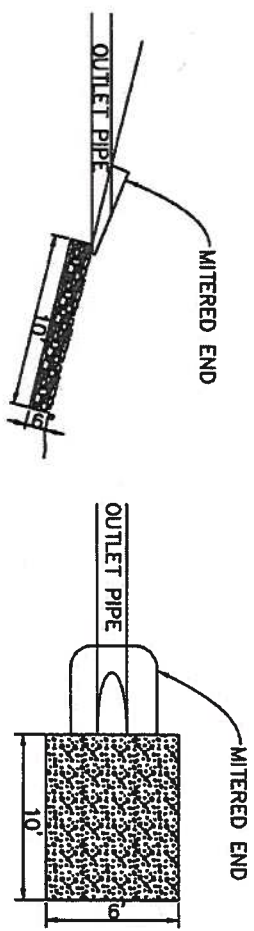
Location: 333 SW ROSEMARY DR, LAKE CITY, FL 32024

Date: 03/27/2008 *Fanny Reichel*

Building Inspector



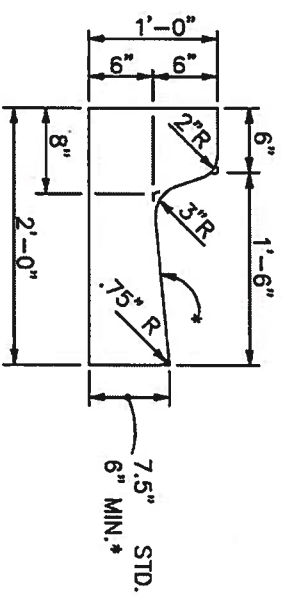
POST IN A CONSPICUOUS PLACE
(Business Places Only)



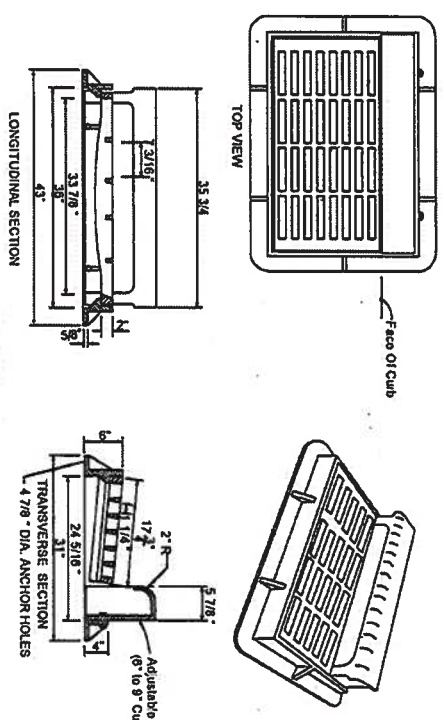
RUBBLE PAD DETAIL



STANDARD SIDEWALK DETAIL

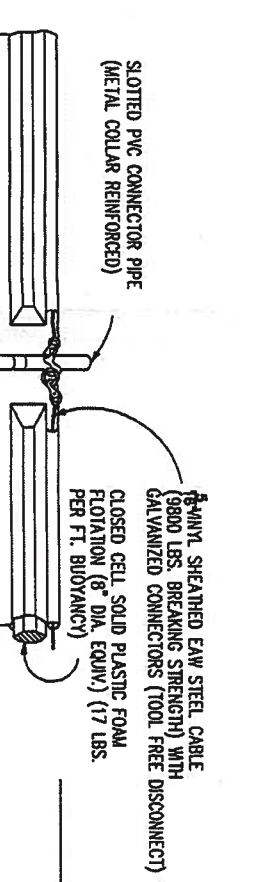


CONCRETE CURB TYPE F

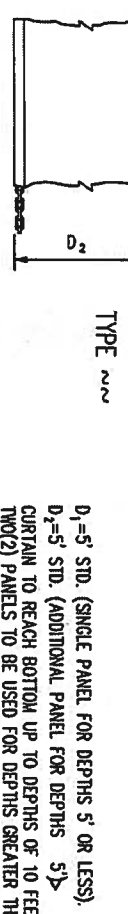


GENERAL NOTES

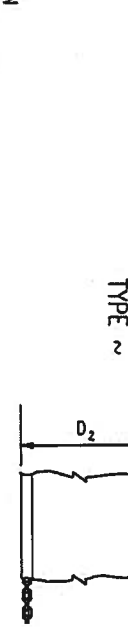
1. All steel in slab tops shall have a minimum cover unless otherwise shown. Tops shall be either cast-in-place or precast concrete.
2. Bottom wall or footer, top side openings shall be placed such that 2 edges of link frame will be located directly above.
3. Frame may be detailed with one to six courses of block.
4. Inlet and grate detail shown is Manual R-3097. Grates with approximately equal openings will be permitted that satisfy AASHTO H-20 loading. Inlet and grate shall be Class 30 cast-in-place in accordance with ASTM A 48. Grates shall be non-slip.



TYPE ~

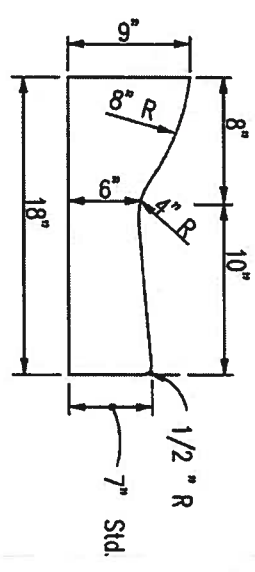


TYPE ~

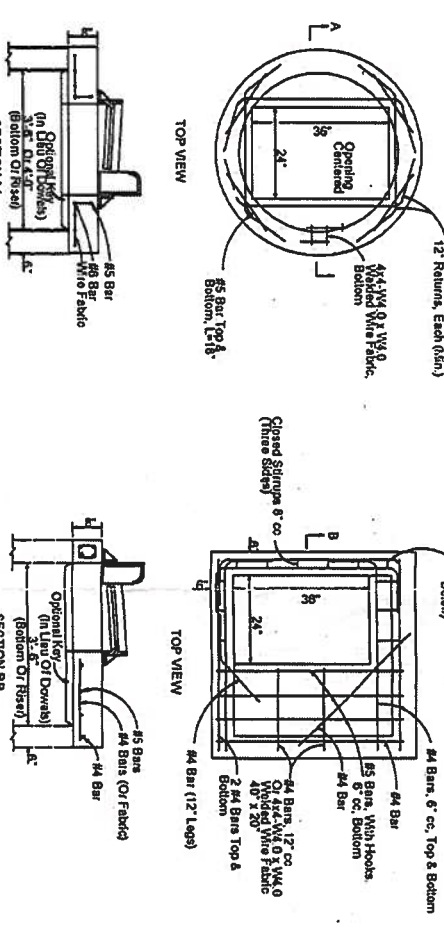


NOTE: COMPONENTS OF TYPES ~ AND ~ MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES ~ AND ~ SHALL BE AS APPROVED BY THE ENGINEER.

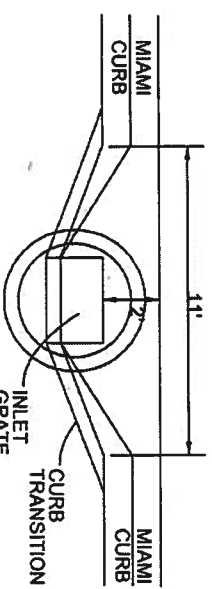
FLOATING TURBIDITY BARRIERS



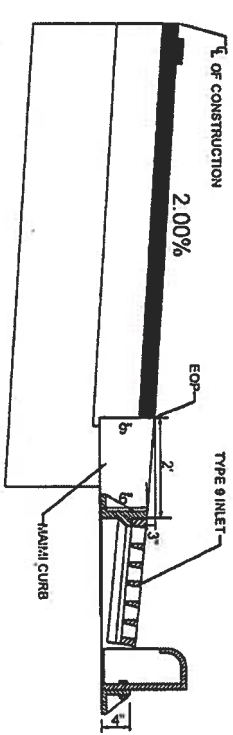
MIAMI CURB



TOP SLABS



MIAMI CURB



MIAMI CURB & TYPE 9 INLET CONNECTION DETAIL

TYPICAL DETAILS THE PRESERVE AT LAUREL LAKE



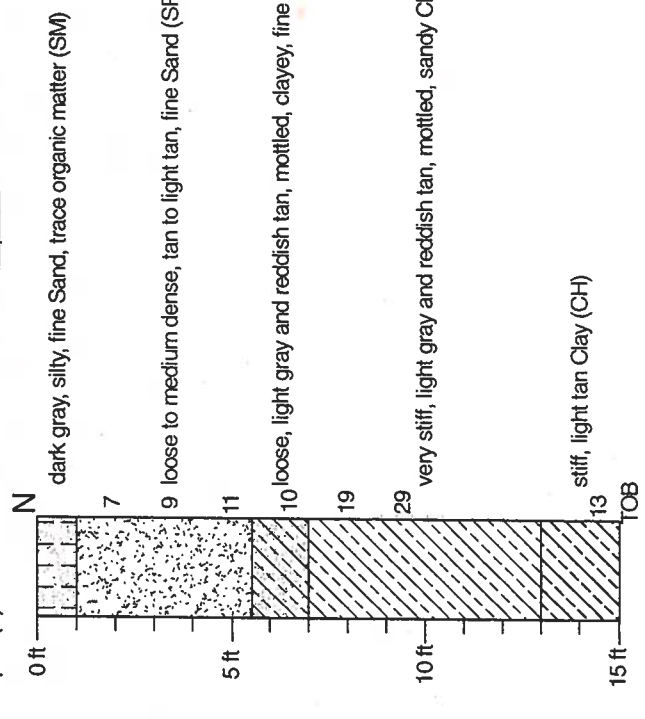
Bailey Bishop & Lane, Inc.
 P.O. Box 3717 Lake City, FL 32056 Ph. 386-752-5640 Eng. Lic. 7362
 P.O. Box 814 Port St. Joe, FL 32457 Ph. 850-227-9449 Survey Lic. LB-0006685

REVISIONS:
 01-18-06
 01-26-06
 08-04-06
 10-03-06

JOB NUMBER: 040302CRA
 SIGNATURE & SEAL

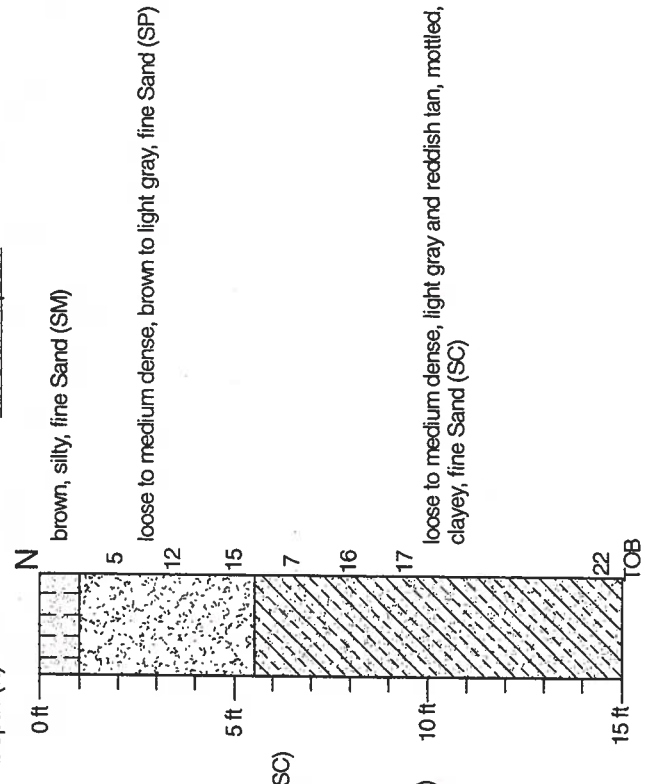
B-1

Water Table: 13.0 ft.
Depth (ft)



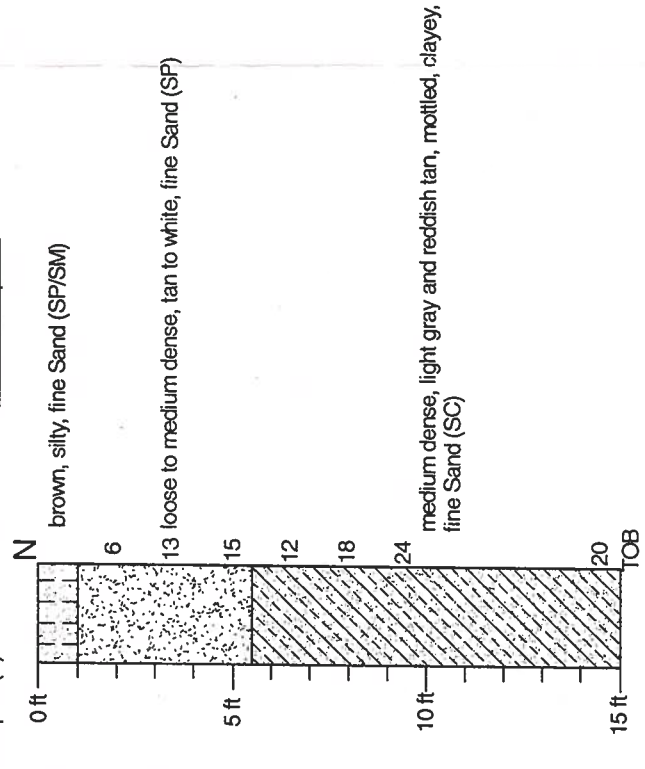
B-2

Water Table: 12.0 ft.
Depth (ft)



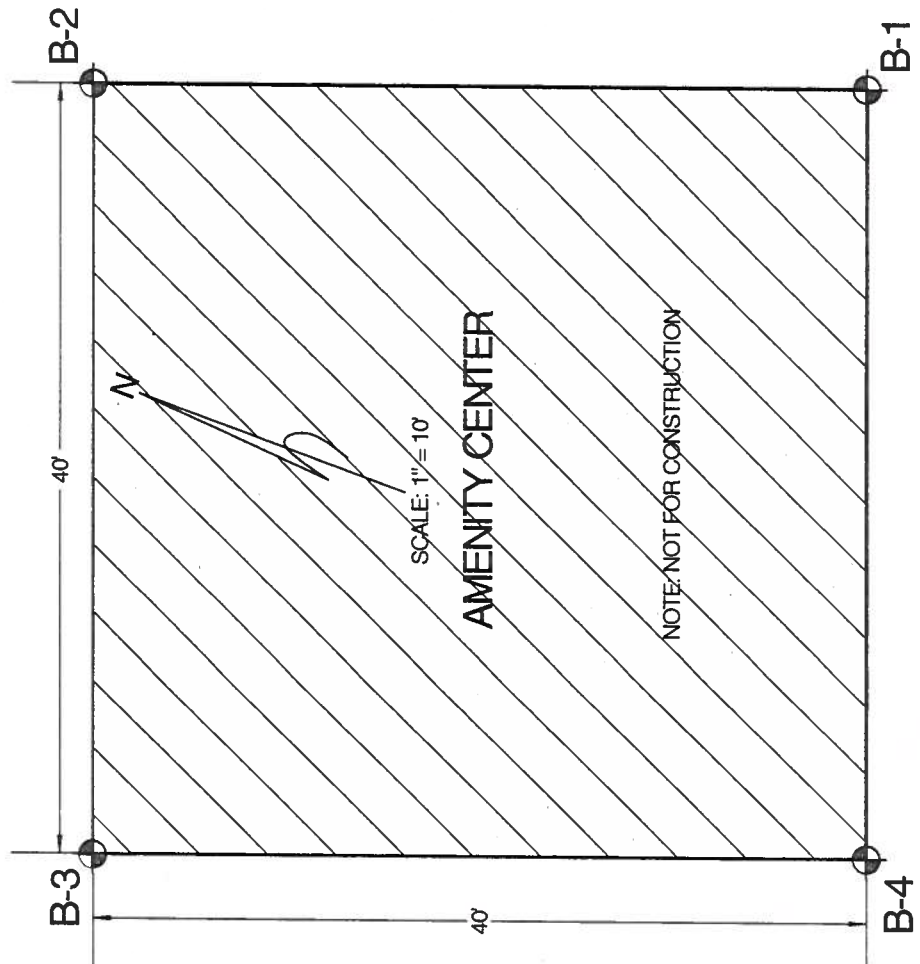
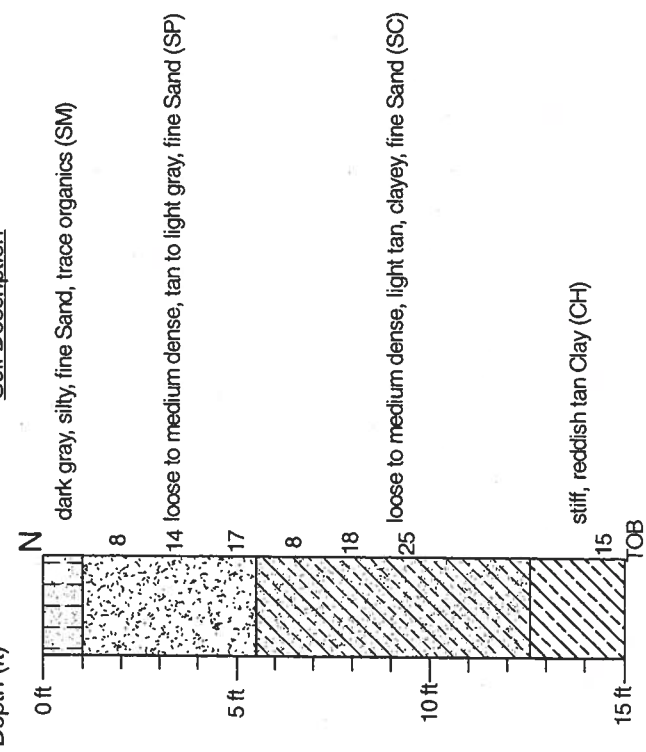
B-3

Water Table: 13.0 ft.
Depth (ft)



B-4

Water Table: N/A
Depth (ft)



ENGINEERING CLASSIFICATION

GRANULAR MATERIALS- SPT
Relative Density (Blows/12 inches)
Very Loose Less than 4
Loose 4-10
Medium Dense 11-30
Dense 31-50
Very Dense Greater than 50

SILTS AND CLAYS- SPT
Consistency (Blows/12 inches)
Very Soft Less than 2
Soft 2-4
Medium Stiff 5-8
Stiff 9-15
Very Stiff 16-30
Hard Greater than 30

LEGEND:

| | | | | |
|------|---|----------------|----------------|-------------|
| TOB | Termination of Boring | SAND | SAND | SILTY SAND |
| GSE | Ground Surface Elevation | SAND with SILT | SAND with CLAY | CLAYEY SAND |
| V | Ground Water at Time of Drilling | SAND with CLAY | CLAY | SANDY CLAY |
| Y | Wet Season Water Table | MARL | LIMESTONE | ORGANICS |
| N | Standard Penetration Resistance in Blows Per 12 inches (18-inch Spoon, ASTM D-1586) | | | |
| WOR | Weight of Rod | | | |
| WOH | Weight of Hammer | | | |
| MC | Moisture Content (%) | | | |
| OC | Organic Content (%) | | | |
| -200 | Percent Passing No. 200 U.S. Standard Sieve | | | |
| LL | Liquid Limit | | | |
| PI | Plasticity Index | | | |
| (SP) | Unified Soil Classification Based on Visual Observation and Laboratory Tests | | | |

REVISIONS

| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
|------|----|-------------|------|----|-------------|
| | | | | | |
| | | | | | |
| | | | | | |

ENGINEER OF RECORD
CAL-TECH TESTING, INC.

P.O. BOX 1825
LAKE CITY, FL 32056
PHONE NO. (386) 755-3633
FAX NO. (386) 752-5456



SUBSURFACE EXPLORATION
**AMENITY CENTER @ THE PRESERVE
LAKE CITY, FLORIDA**

| | | |
|----------|----------|------------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT I.D. |
| | COLUMBIA | |

GENERALIZED SUBSURFACE PROFILE & FIELD EXPLORATION PLAN

FIGURE:

1