

DATE 12/20/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT

000025325

APPLICANT	LESLIE SAPP		PHONE	352.222.7490	
ADDRESS	7239	SW 80TH AVENUE	TRENTON	FL	32693
OWNER	JOE WHITE		PHONE	239.860.0457	
ADDRESS	943	NW BLACKBERRY CIRCLE	LAKE CITY	FL	32055
CONTRACTOR	LESLIE SAPP		PHONE	352.222.7490	
LOCATION OF PROPERTY	90-W TO BROWN RD,TR TO BERT,TR TO NASH TO BLACKBERRY S.D,TL BLACKBERRY CIRCLE AND IT'S THE 7TH LOT ON L.				
TYPE DEVELOPMENT	SFD/UTILITY		ESTIMATED COST OF CONSTRUCTION	111550.00	
HEATED FLOOR AREA	2231.00	TOTAL AREA	3552.00	HEIGHT	20.00
STORIES	1				
FOUNDATION	CONC	WALLS	FRAMED	ROOF PITCH	8'12
FLOOR	CONC				
LAND USE & ZONING	PRRD		MAX. HEIGHT	35	
Minimum Set Back Requirments:	STREET-FRONT		30.00	REAR	25.00
SIDE	25.00				
NO. EX.D.U.	0	FLOOD ZONE	XPP	DEVELOPMENT PERMIT NO.	
PARCEL ID	17-3S-16-02168-113		SUBDIVISION	BLACKBERRY FARMS	
LOT	13	BLOCK	PHASE	UNIT	TOTAL ACRES
					5.00

000001281	CBC058431	Leslie Sapp	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
18"X32'MITERED	06-01083N	BLK	JTH
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance
			New Resident
COMMENTS:	1 FOOT ABOVE ROAD.		

Check # or Cash 1899

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 \$	560.00	CERTIFICATION FEE \$	17.76	SURCHARGE FEE \$	17.76
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 \$	25.00
TOTAL FEE	695.52				
INSPECTORS OFFICE	CLERKS OFFICE		CH		

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 INCONVENIENCE, 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.

Columbia County Building Permit Application

Revised 9-23-04

OK# 1899

For Office Use Only Application # 0612-36 Date Received 12/11/06 By G Permit # 1281/25325
Application Approved by - Zoning Official BZK Date 14.12.06 Plans Examiner OK JH Date 12-15-06
Flood Zone X Ppl Development Permit N/A Zoning PRRD Land Use Plan Map Category A-3
Comments 2. N/C

Applicants Name Leslie Sapp Phone 352-463-2654
Address 7239 SW 80th Ave. Trenton, FL 32693
Owners Name Joe White Phone 239-860-0457
911 Address 943-NW Blackberry Circle L.C. 32055
Contractors Name Leslie Sapp Phone 352-222-7490
Address 7239 SW 80th Ave. Trenton, FL 32693
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Marty Humphries
Mortgage Lenders Name & Address N/A
Circle the correct power company FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 17-35-16-02168-113 Estimated Cost of Construction 263,000
Subdivision Name Blackberry Farm Lot 13 Block Unit Phase Phase
Driving Directions 90W, TR Brown Rd, TR on NASH Rd, TL into Blackberry Farms, Blackberry Circle, TL first road, 7th lot on left
Type of Construction Frame on slab Number of Existing Dwellings on Property 0
Total Acreage 5 Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 200' Side 186' Side 100' Rear 355'
Total Building Height 20' Number of Stories 1 Heated Floor Area 228' Roof Pitch 8/12
TOTAL 3552

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.

Leslie Sapp
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 11th day of December 2006

Personally known DL or Produced Identification DL

Leslie Sapp
Contractor Signature
Contractors License Number CBC 058431
Competency Card Number



NOTARY SEAL
MY COMMISSION # 00733586
EXPIRES: June 28, 2008
Bonded Through Notary Public

Notary Signature

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: 12/11/2006 DATE ISSUED: 12/14/2006

ENHANCED 9-1-1 ADDRESS:

943 NW BLACKBERRY CIR

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

17-3S-16-02168-113

Remarks:

LOT 13 BLACKBERRY FARMS S/D.

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.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

Columbia County Property Appraiser

DB Last Updated: 11/20/2006

Parcel: 17-3S-16-02168-113

2007 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	WHITE JOSEPH WAYNE &		
Site Address			
Mailing Address	BARBARA THOMPSON WHITE 320 13TH ST. NW NAPLES, FL 34120		
Use Desc. (code)	VACANT (000000)		
Neighborhood	17316.00	Tax District	3
UD Codes	MKTA01	Market Area	01
Total Land Area	4.990 ACRES		
Description	LOT 13 BLACKBERRY FARMS S/D. ORB 989-2674.		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$74,850.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$74,850.00

Just Value	\$74,850.00
Class Value	\$0.00
Assessed Value	\$74,850.00
Exempt Value	\$0.00
Total Taxable Value	\$74,850.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
7/28/2003	989/2674	WD	V	Q		\$47,500.00

Building Characteristics

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

Extra Features & Out Buildings

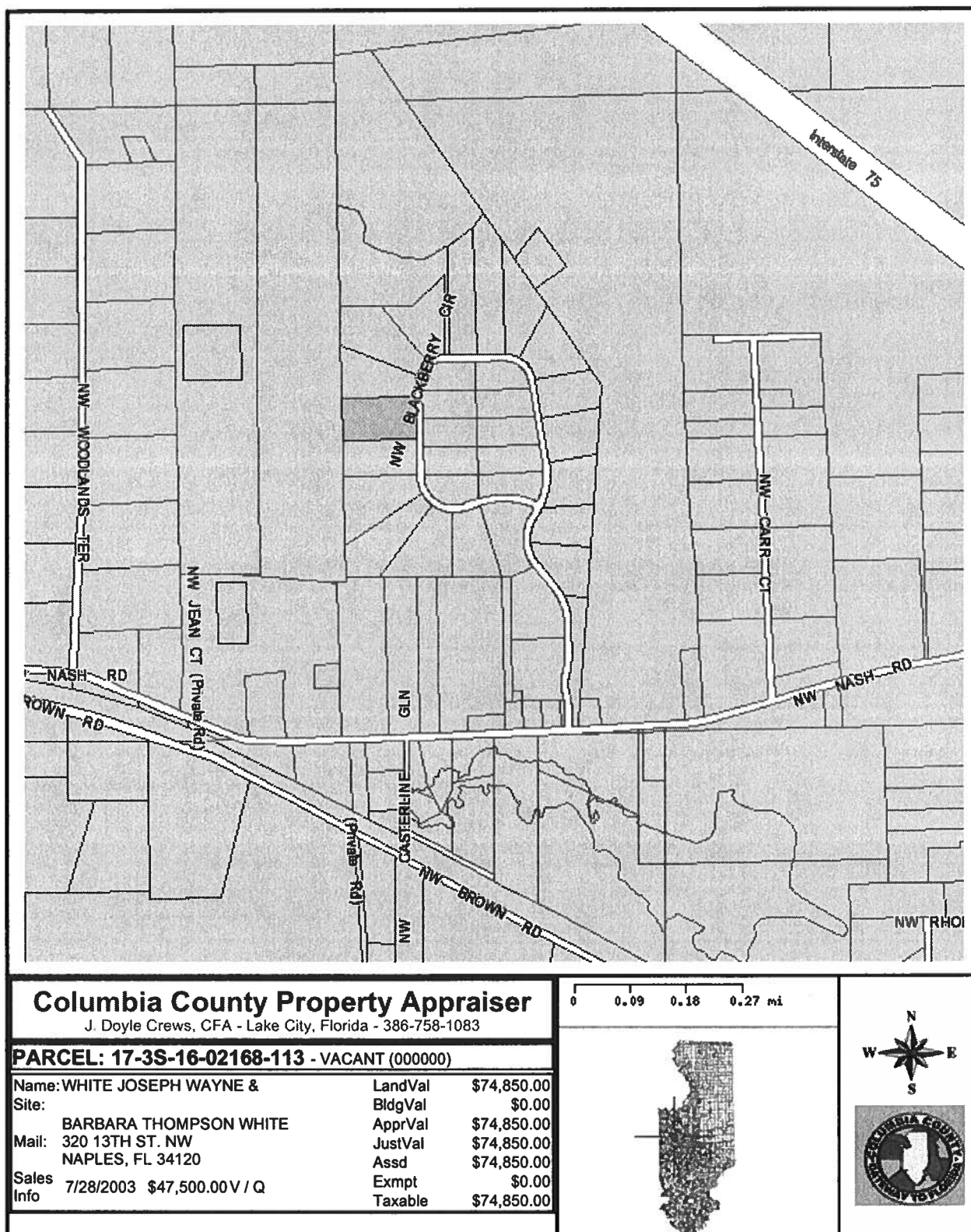
Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	4.990 AC	1.00/1.00/1.00/1.00	\$15,000.00	\$74,850.00

Columbia County Property Appraiser

DB Last Updated: 11/20/2006



This information, GIS Map Updated: 11/20/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information 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 being finalized for ad valorem assessment purposes.

Dependable Well Drilling, Inc.
2139 NW 50th St
Bell, Fl. 32619
ph: 386-935-3042
fax: 386-935-0087

Attn. Gayle
12/12/06
Re: Leslie Sapp
job#0612-36

We will be putting in a 4" well with a 1H pump, cycle stop & tank for Joe White in columbia county.

Thank You
Dependable Well Drilling, Inc.



STATE OF FLORIDA AC# 2644076
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CRC058431 07/06/06 068001584

CERTIFIED RESIDENTIAL CONTRACTOR
SAP, THOMAS LESLIE
LESLIE SAP CONSTRUCTION INC

IS CERTIFIED under the provisions of Ch. 489 FS.
Expiration date: AUG 31, 2008 L06070600724

PROJECT NAME: AND ADDRESS:	House	BUILDER:	Leslie Sapp Const.		
		PERMITTING OFFICE:	Columbia	CLIMATE ZONE:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>
OWNER:	Joe White	PERMIT NO.:	0025325	JURISDICTION NO.:	22,000

- | <p>Please Print</p> <p>CK</p> <ol style="list-style-type: none"> 1. Construction package chosen (A-E) 2. New construction or addition 3. Single-family detached or multiple-family attached 4. If multiple-family—No. of units covered by this submission 5. Is this a worst case? (yes/no) 6. Conditioned floor area (sq. ft.) 7. Predominant eave overhang (ft.) 8. Glass type and area: <ol style="list-style-type: none"> Clear glass Tint, film or solar screen 9. Percentage of glass to floor area 10. Floor type, area or perimeter, and insulation: <ol style="list-style-type: none"> Slab-on-grade (<i>R</i>-value) Wood, raised (<i>R</i>-value) Wood, common (<i>R</i>-value) Concrete, raised (<i>R</i>-value) Concrete, common (<i>R</i>-value) 11. Wall type, area and insulation: <ol style="list-style-type: none"> Exterior: <ol style="list-style-type: none"> Masonry (Insulation <i>R</i>-value) Wood frame (Insulation <i>R</i>-value) Adjacent: <ol style="list-style-type: none"> Masonry (Insulation <i>R</i>-value) Wood frame (Insulation <i>R</i>-value) 12. Ceiling type, area and insulation: <ol style="list-style-type: none"> Under attic (Insulation <i>R</i>-value) Single assembly (Insulation <i>R</i>-value) 13. Air distribution system: Duct insulation, location
Test report (attach if required) 14. Cooling system:
(Types: central, room unit, package terminal A.C., gas, none) 15. Heating system:
(Types: heat pump, elec. strip, nat. gas, LP-Gas, gas h.p., room or PTAC, none) 16. Hot water system:
(Types: elec., nat. gas, LP-gas, solar, heat rec., ded. heat pump, other, none) | <ol style="list-style-type: none"> _____ New _____ Single _____ _____ No _____ 2231 _____ 2 _____ <table border="0" style="width: 100%;"> <tr> <th style="text-align: left;">Single Pane</th> <th style="text-align: left;">Double Pane</th> </tr> <tr> <td>8a. _____ sq. ft.</td> <td>204 sq. ft.</td> </tr> <tr> <td>8b. _____ sq. ft.</td> <td>_____ sq. ft.</td> </tr> <tr> <td>9. .09 %</td> <td></td> </tr> </table> <ol style="list-style-type: none"> 10a R = _____ lin. ft. 10b R = _____ sq. ft. 10c R = _____ sq. ft. 10d R = _____ sq. ft. 10e R = _____ sq. Ft.
<ol style="list-style-type: none"> 11a-1 R = _____ sq. ft. 11a-2 R = 19 1360 sq. ft. 11b-1 R = _____ sq. ft. 11b-2 R = _____ sq. ft.
<ol style="list-style-type: none"> 12a R = 30 sq. ft. 2231 12b R = _____ sq. ft. 13 R = _____
<ol style="list-style-type: none"> 14a Type: _____ 14b SEER/EER: 13 14c Capacity: 5 Ton 15a Type: Heat Pump 15b HSPF/COP/AFUE: 87.7 15c Capacity: _____ 16a Type: Elec. 16b EF: _____ | Single Pane | Double Pane | 8a. _____ sq. ft. | 204 sq. ft. | 8b. _____ sq. ft. | _____ sq. ft. | 9. .09 % | |
|--|---|-------------|-------------|-------------------|-------------|-------------------|---------------|----------|--|
| Single Pane | Double Pane | | | | | | | | |
| 8a. _____ sq. ft. | 204 sq. ft. | | | | | | | | |
| 8b. _____ sq. ft. | _____ sq. ft. | | | | | | | | |
| 9. .09 % | | | | | | | | | |

I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>Leslie Sapp</u> DATE: <u>12-11-08</u>		Review of plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.
I hereby certify that this building is in compliance with the Florida Energy Code. OWNER AGENT: <u>Leslie Sapp</u> DATE: <u>12-11-08</u>		BUILDING OFFICIAL: _____ DATE: _____

Leslie Sapp

06-01083-N

Joseph White

NEIGHBOR'S W

621.29'

355.092'

y'

FION
IT



WELL

100.0'

100.0'

SEPTIC

DRAIN FIELD

2231 sq ft
(heated)

186.3021'

621.45'

Salhi Graddy

ELL

Leslie Sapp

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001281

DATE 12/20/2006 PARCEL ID # 17-3S-16-02168-113

APPLICANT LESLIE SAPP PHONE 352.222.7490

ADDRESS 7239 SW 80TH AVENUE TRENTON FL 32693

OWNER JOE WHITE PHONE 239.860.0457

ADDRESS 943 NW BLACKBERRY CIRCLE LAKE CITY FL 32055

CONTRACTOR LESLIE SAPP PHONE 352.222.7490

LOCATION OF PROPERTY 90-W TO BROWN RD, TR TO BERT, TR TO NASH TO BLACKBERRY S.D, TL ON
BLACKBERRY CIRCLE AND IT'S THE 7TH LOT ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT BLACKBERRY FARMS 13

SIGNATURE *Leslie Sapp*

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.**

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

Amount Paid 25.00



Notice of Treatment 12349

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: BAYA AVE
City LAKE CITY Phone 752-1703

Site Location: Subdivision Blackberry Farms
Lot # 13 Block# Permit # 25325
Address 943 NW Blackberry Circle

Product used	Active Ingredient	% Concentration
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<input checked="" type="checkbox"/> Premise	Imidacloprid	0.1%
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<input type="checkbox"/> Termidor	Fipronil	0.12%
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<input type="checkbox"/> Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
------------------------------------	----------------------------------	-------

Type treatment:

☒ Soil

☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Dwelling/Garage/Pool</u>	<u>3552</u>	<u>260</u>	<u>320</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

2/12/07
Date

0800
Time

F1254
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ Project Name: _____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS	MASONITE	STEEL PREHUNG SINGLE DOOR	4904.1
1. Swinging	MASONITE	STEEL PREHUNG DOUBLE DOOR	5485.1
2. Sliding	MI WNDW/DOOR	ALUMINUM PATIO DOOR	5483.R1
3. Sectional	WAYNE-DALTON	SERIES 8000	22-R1
6. Other			
B. WINDOWS			
1. Single hung	BETTERBILT	ALUMINUM SINGLE HUNG	7085
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion	BETTERBILT	ALUMINUM 60" X 3-5/8" X 1-1/4"	7096
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	JAMES HARDIE	LAP CEMENT SIDING	889-R2
2. Soffits	ALCOA	ALUMINUM	5543
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	TAMKO	25YR ELITE FIBERGLAS	1956.2
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	WHEELING	CENTURYDRAIN	5190.3
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			
Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

25325
***THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.***

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.

Tax Parcel ID Number 17-35-16-02168-113

1. Description of property: (legal description of the property and street address or 911 address)

LOT 13 NW BLACKBERRY CIRCLE
IN THE BLACKBERRY FARMS SUBDIVISION

2. General description of improvement: BUILDING A 2200 SQ FT HOME

3. Owner Name & Address JOSEPH & BARBARA WHITE

320 13TH ST NW, NAPLES, FL 34120 Interest in Property OWNERS.

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name LEITE SAPP Phone Number 352-463-7589

Address 7239 SW 80TH AVE TRENTON, FL 32693

6. Surety Holders Name _____ Phone Number _____

Address _____

Amount of Bond _____

7. Lender Name _____ Phone Number _____

Address _____

Inst: 2006029078 Date: 12/11/2006 Time: 14:49

8. Persons within the State of Florida designated by the Clerk served as provided by section 718.13 (1)(a) 7; Florida Statute _____
DC, P. DeWitt Cason, Columbia County B: 1104 P: 1261

Name _____

Address _____

9. In addition to himself/herself the owner designates _____ of

_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

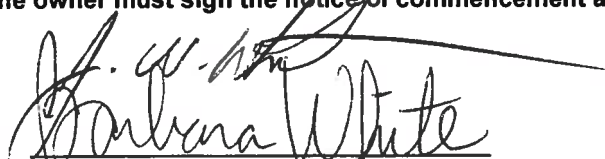
(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,

(Unless a different date is specified) _____


NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.


Signature of Owner

Sworn to (or affirmed) and subscribed before
day of 17 Nov, 2006

NOTARY STAMP/SEAL


Signature of Notary



David G. H.
Commission # DD339717
Expires July 21, 2008
Bonded by Palm Insurance, Inc. 800-366-7019

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

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 17-3S-16-02168-113

Building permit No. 000025325

Use Classification SFD/UTILITY

Fire: 22.32

Permit Holder LESLIE SAPP

Waste: 67.00

Owner of Building JOE WHITE

Total: 89.32

Location: 943 NW BACKBERRY CIRCLE, (BLACKBERRY FARMS, LOT 13)

Date: 06/28/2007



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Alpine Engineered Products, 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: IT34487-Z0213164908

Truss Fabricator: Anderson Truss Company
Job Identification: 6-418--LESLIE SAPP CONTRATOR WHITE -- , **
Truss Count: 26
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

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. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: BRCLBSUB-A11015EE-GBLLETIN-140PB-140GC-

Seal Date: 12/13/2006

-Truss Design Engineer-
Arthur R. Fisher

Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	09153--A1		06347063	12/13/06
2	09154--A2		06347064	12/13/06
3	09155--A3		06347065	12/13/06
4	09156--A11		06347066	12/13/06
5	09157--A12		06347067	12/13/06
6	09158--A4		06347068	12/13/06
7	09159--A5		06347069	12/13/06
8	09160--A8		06347070	12/13/06
9	09161--A9		06347071	12/13/06
10	09162--A10		06347072	12/13/06
11	09163--AGE		06347074	12/13/06
12	09164--AGE13		06347075	12/13/06
13	09165--BGE		06347076	12/13/06
14	09166--B		06347054	12/13/06
15	09167--B1		06347055	12/13/06
16	09168--B2		06347056	12/13/06
17	09169--B3		06347057	12/13/06
18	09170--B-4		06347079	12/13/06
19	09171--M		06347077	12/13/06
20	09172--M2		06347058	12/13/06
21	09173--M3		06347059	12/13/06
22	09174--M4		06347060	12/13/06
23	09175--M5		06347061	12/13/06
24	09176--M1		06347062	12/13/06
25	09177--MGE		06347078	12/13/06
26	09178--AP		06347073	12/13/06



THIS DMS PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY KUSS MTR.

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.

(A) Continuous lateral bracing equally spaced on member.

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

brace TC @ 24" OC, BC @ 24" OC.



Scale = .1875"/Ft.

Scale	- .10 / 10
REF	R487 - 9153
DATE	12/13/06

DLN 1160340 / 0034 / 003

100

IRFF- 1T34487 702

Wind reactions based on MMFRS pressures.

Left 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.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(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.

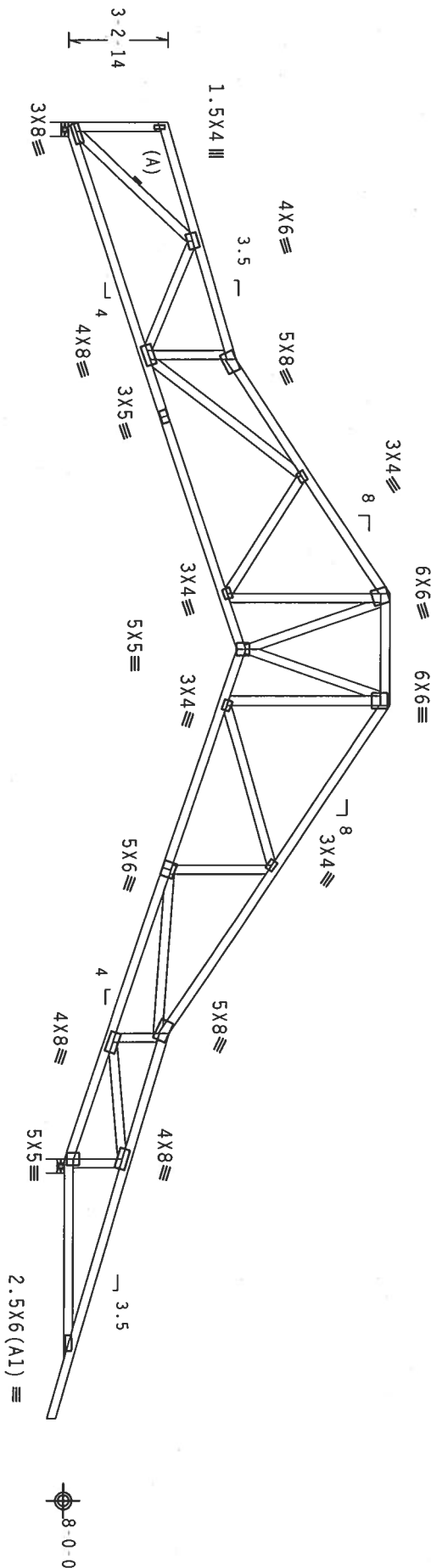


Diagram of a continuous beam with 5 spans and 6 supports. The beam is labeled R=1320 U=180 W=5.5" on the left and R=2138 U=192 W=5.5" on the right. Span lengths are: 7-7-13, 7-6-8, 3-7-6, 10-7-13, 10-6-8, 6-5-8. Support spacings are: 17-0-0, 40-0-0, 6-0-0, 2-0-0. The beam is supported by 2 supports over a 40-0-0 span.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0) \quad 7.24$

FL/-/4/-/-/R/-

Scale = .1875" / Ft.

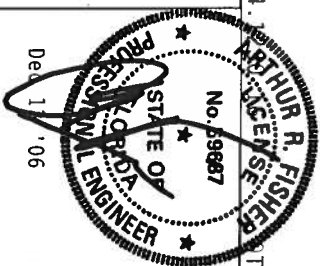
*****WARNING*****
 THESE RESINURE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRIPPING
 REFER TO BC51 (BULBULOM COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRESS PAPER INSTITUTE, 218
 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND NYCA (WOOD TRESS COUNCIL OF AMERICA, 6300
 ENTERPRISE LANE, MAJORS, IN 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
 PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR

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 & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2017H18ALCA 70 HUSSELY 35TM 4623 GRADE 9020 BY WILSON JOINTS, INC. SPECIAL ALUMINUM

ALPINE
Alpine Engineered Products, Inc.

1950 Manley Drive
Haines City, FL 33844
Certification #



TC LL	20.0 PSF	REF	R487 - 9154
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347064
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	40.0 PSF	SEQN -	17955
DUR.FAC.	1.25		
SPACING	24.0"	IRFF -	1T34487_Z02

Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

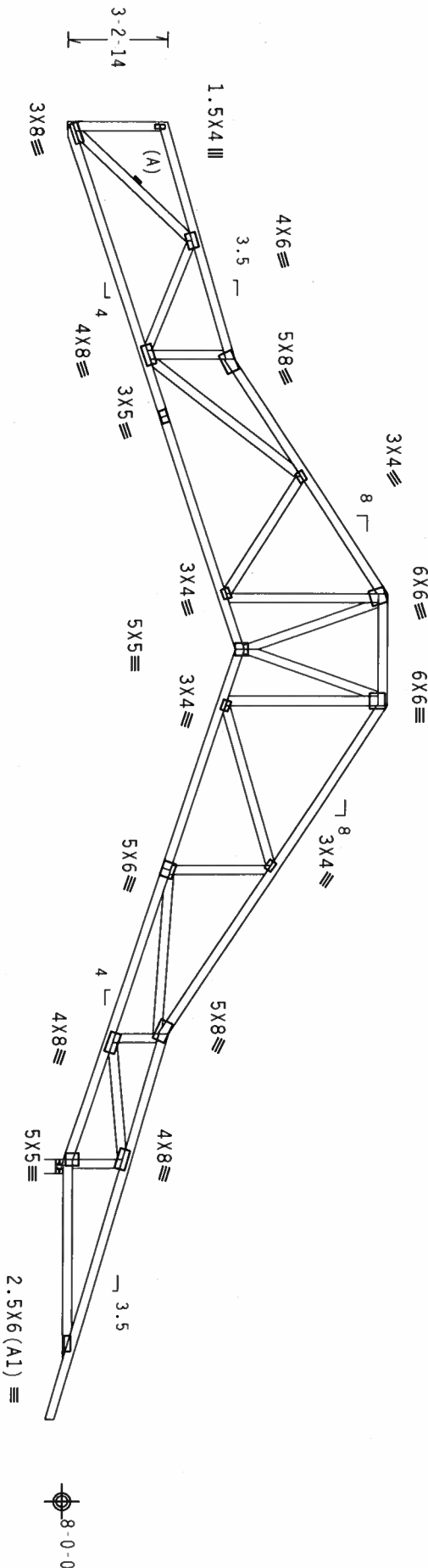
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 15.00 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

Calculated horizontal deflection is 0.16" due to live load and 0.25" due to dead load.

(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.



PLT TYP. Wave

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

2000-2001

2 FL/-/4/-/-/R/-/

Scale = .1875"/Ft.

*****WARNING*****
 THESE RESIN/ EPOXY EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING
 REFER TO GC51 (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY IP1 (TRUSS PACE INSTITUTE, 218
 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD ROSS COUNCIL OF AMERICA, 6500
 ENTERPRISE LANE, MANASSA, VA, 20108) FOR SAFETY PRACTICES PRIOR TO THESE FUNCTIONS. UNLESS
 OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
 PROPERLY ATTACHED RIGID CEILING.

**** IMPORTANT ****
FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI: ALTHOUGH CONNECTION PLATES ARE MADE OF 304/316 STAINLESS STEEL, THE TRUSSES ARE NOT CORROSION RESISTANT.

CONNECTION PLATES MADE OF 201/107/1008 (W.7H.53/KR.53) GRADE 40/60 (W.41.55) GALV. STEEL. APPLIED TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1711-2002 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 ANSI/SPR 1 SEC. 2.

2000-2001

2 FL/-/4/-/-/R/-/

Scale = .1875"/Ft.

No. 69687

TC LL	20.0
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REF R487-- 9155

☆

TC DL	10.0
-------	------

DATE 12/13/06

STATE OF

BC 100

DBL: WCLIED 487 06347000

FLORIDA
ENGINE

7	6	5	4
—	—	—	—

UNW HCU5K48/ 0634/063

$$\begin{array}{r} 0.0 \\ \hline 77 \end{array}$$

HC-ENG KH/AF

TOT.LD.	40.0
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SEQN - 17962

Dec 13 '06

DUR.FAC. 1.25

SPACING 24.0"

1RFF- 1T31A87 Z02

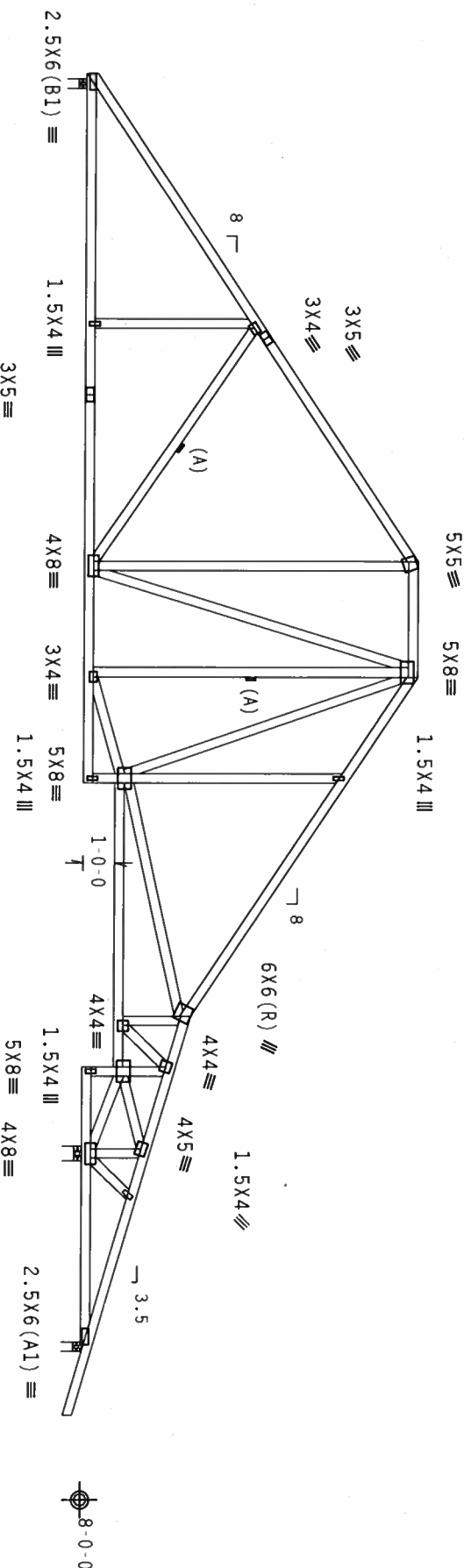
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MMFRS pressures.

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

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.

(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.



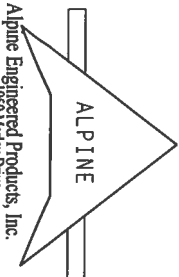
0'-2-0
15'-2-5
22'-1-8
33'-7-4
10'-7-13
8'-11-0
10'-6-8
8'-11-8
120'-0-0
R=1333 U=180 W=3.5*
R=2179 U=182 W=5.5*
R=66 U=180 W=3.5*

PLT TYP. Wave

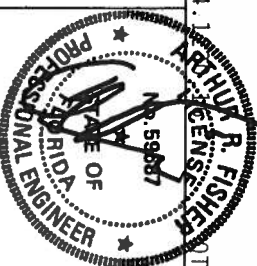
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA WOOD TRUSS COUNCIL OF AMERICA, 6258 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. 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 & BRACING OF TRUSSES. CONNECTION PLATES ARE MADE OF 20/18/16GA (U/H/SS/K) ASTM A653 GRADE 40/60 (U/ K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. UNLESS OTHERWISE NOTED BY (1) SHALL BE PER ANEKS AS OF TPI11-2002 SEC.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.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844



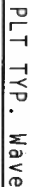
Scale = .1875"/ft.

TC LL	20.0 PSF	REF R487-- 9156
TC DL	10.0 PSF	DATE 12/13/06
BC DL	10.0 PSF	DRW HCUSR487 06347066
BC LL	0.0 PSF	HC-ENG KH/AF
TOT.LD.	40.0 PSF	SEON- 18004
DUR.FAC.	1.25	
SPACING	24.0"	
IRREF- 1T34487_202		

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.

(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.


$$Cq/RT=1.00(1.25)/10(0)$$

7.24.126116CNSC
SHEETY:1

FL/-/4/-/-/R/-

Scale = .1875"/ft.

PRODUCTS INC. SHALL NOT BE RESPONSIBLE FOR ANY DELAY OR DAMAGE TO THE PROJECT DUE TO THE FAILURE OF THE CONTRACTOR TO FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

TC LL	20.0 PSF	REF	R487 - - 9157
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCSR487 06347067
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	40.0 PSF	SEQN -	18020
DUR.FAC.	1.25		
SPACING	24.0"	IRFF -	1T34487_Z07

Left end vertical not exposed to wind pressure.

(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.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

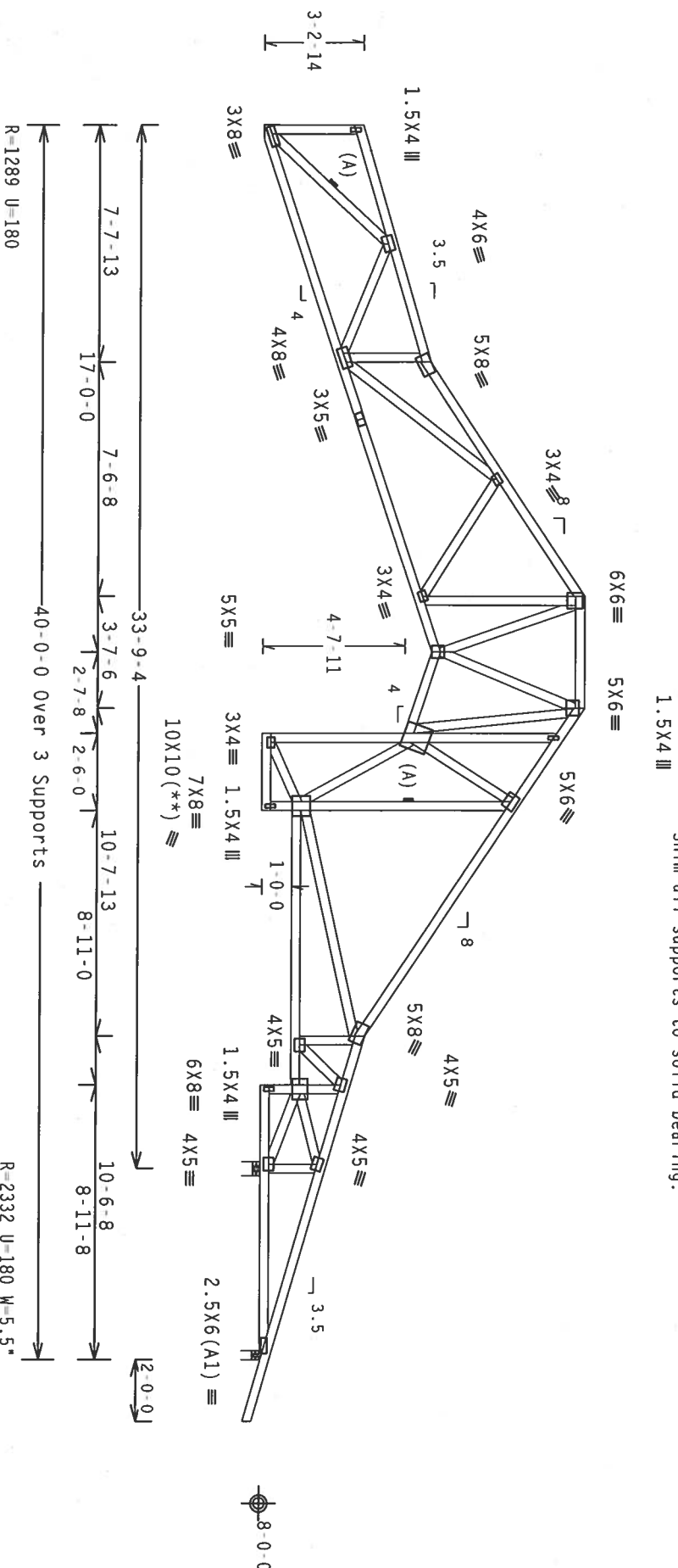
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.15" due to live load and 0.24" due to dead load.

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

Shim all supports to solid bearing.



PLT TYP. Wave

Design Crit: $TPI-2002(STD)/FBC$ $\text{Cd}/\text{RT}=1.00(1.25)/10(0) \quad 7.24.13$

4. FI/-/-/-/-/B/-/

Scale = .1875"/ft.

*****WARNING*****
 TASSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
 (BIDDING CONTRACTORS ARE ADVISED TO CONTACT THE AMERICAN ASSOCIATION OF BRIDGE ENGINEERS
 REFER TO GC51, 10000 WILSON AVENUE, NORTH RIVER, NEW YORK 11701, 212-224-1100.
 MONTH LANE STREET, SUITE 312, ALBANY, NEW YORK 12207, 518-487-2222, 518-487-2223, 518-487-2224.
 ENTERPRISE NAME, AMOSON, SH 5319) FOR SAFETY AND PROPER TENSIONING OF THESE FUNCTIONS. UNLESS
 OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
 PROPERLY ATTACHED FIELD CELLING.

****IMPORTANT****

FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

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

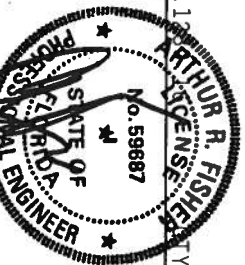
PLATES TO EACH FLEE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF TPII-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEAL ON THIS DRAWING FOR THE TRADE CONTRACTOR'S USE.

DESIGNER PER ANSI/TP11 SEC. 3
BUILDING DESIGNER PER ANSI/TP11 SEC. 3



Alpine Engineered Products, Inc.

Haines City, FL 33844



Dec 13, 06

TC LL	20.0 PSF	REF	R487 - 9159
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347069
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	40.0 PSF	SEQN-	18042
DUR.FAC.	1.25		
SPACING	24.0"	IRREF-	1T34487 202

110 mph wind, 15.00 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

Calculated horizontal deflection is 0.14" due to live load and 0.22" due to dead load.

(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.

1.5X4 III

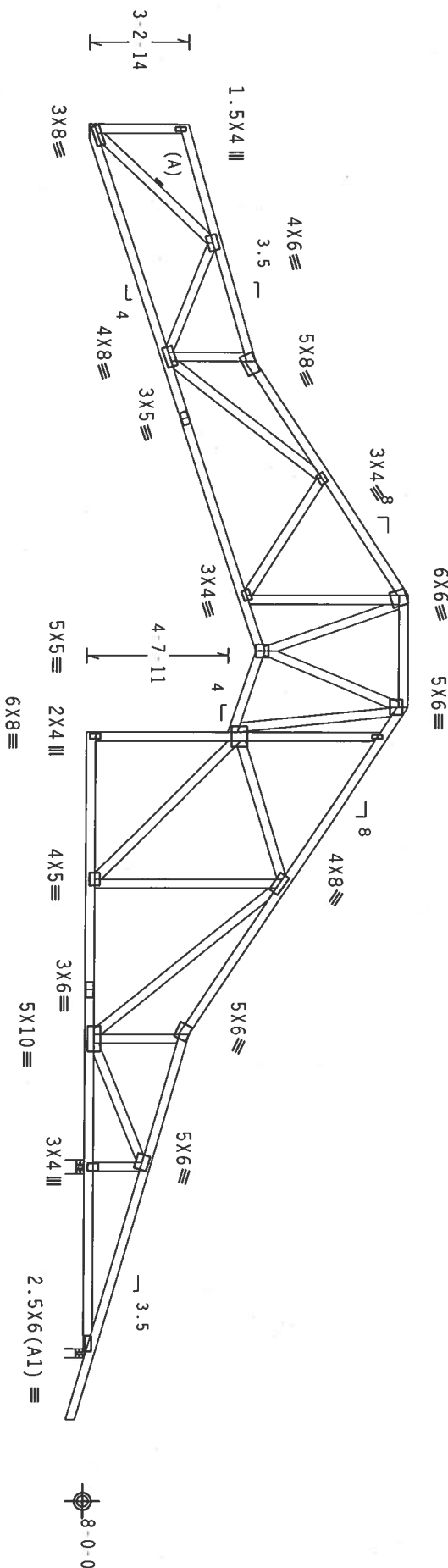


Diagram illustrating the elevation of a bridge structure, showing spans and supports. The structure is divided into sections by vertical lines representing supports.

- Span 1: 7-7-13
- Span 2: 7-6-8
- Span 3: 10-7-13
- Span 4: 10-6-8
- Span 5: 20-4-8
- Span 6: 40-0-0 Over 3 Supports
- Span 7: 12-0-0

Dimensions and labels:

- 33-9-4
- 17-0-0
- 3-7-6
- 2-7-8
- R-1317 U-180
- R-2207 U-180 W-5.5"

R=2207 U=180 W=5.5"
R=81 U=180 W=3.5"

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

 $Cq/RT=1.00(1.25)/10(0)$

7:24:12

FL/-/4/-/-/R/-

Scale = .1875"/Ft.

*****WARNING*****
 THESE REQUIRE EXPERT CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
 REFER TO GC#1 (BUILDING REQUIREMENT SAFETY INFORMATION), PUBLISHED BY TPI, (TRUSS PLATE INSTITUTE,
 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND UIC#A (WOOD TRUSS COUNCIL OF AMERICA, 6300
 ENTERPRISE LANE, MOHAWK, NY 13139) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
 OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATE AND BOTTOM CHORD SHALL HAVE
 PROPERLY ATTACHED RIGID CEILING.

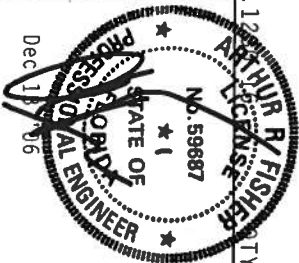
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR
PRODUCTS INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE FROM THIS DESIGN

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 30/18/16CA (U. S. 405/40) ASTM A563 C04007 40/550 (U. S. 550/550).

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z

Alpine Engineered Products, Inc.
1050 McLean Drive

1950 Marney Drive
Haines City, FL 33844
Certificate of Registration # 667



TC LL	20.0 PSF	REF	R487 - 9160
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347070
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	40.0 PSF	SEQN-	18047
DUR.FAC.	1.25		
SPACING	24.0"	URFF-	1T34487_202

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

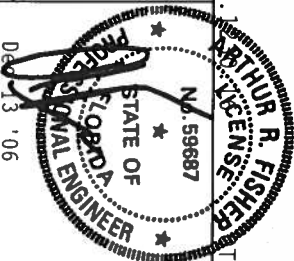
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.



Scale = .1875"/Ft.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII:2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR TRUSS COMPONENT

Certification



TC LL	20.0 PSF	REF	R487 - - 9161
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347071
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	40.0 PSF	SEQN -	18057
DUR.FAC.	1.25		
SPACING	24.0"	JRFF -	1T34487_Z02

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

Wind reactions based on MMFRS pressures.

Calculated horizontal deflection is 0.17" due to live load and 0.27" due to dead load.

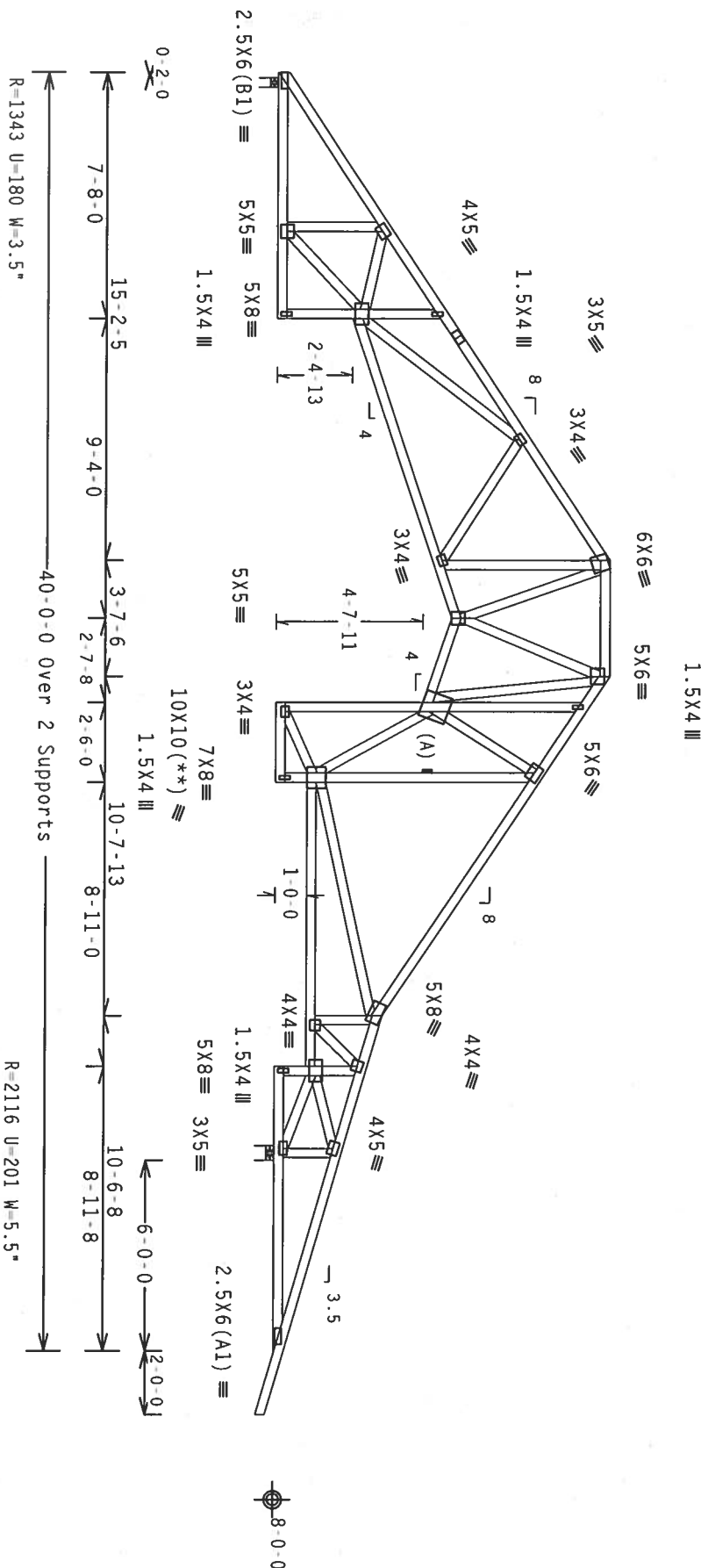
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 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) 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.

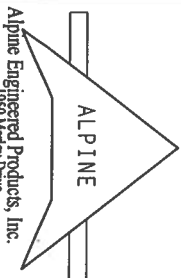


PLT TYP. Wave

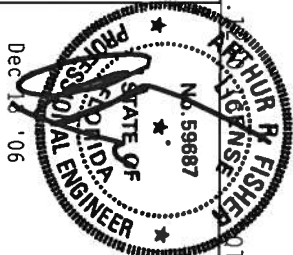
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY) MANUAL, LANE INSTITUTE, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) MANUAL, 900 NORTH MICHIGAN, CHICAGO, IL 60611, 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. 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 & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTIONS ARE MADE OF 20/18/16GA (W/H/55/K) ASTM A653 GRADE 40/60 (W/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 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.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate of Registration # 677



FL/-/4/-/R/-

Scale = .1875"/ft.

TC LL	20.0 PSF	REF R487--	9162
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW HCUSR487	06347072
BC LL	0.0 PSF	HC-ENG KH/AF	
TOT.LD.	40.0 PSF	SEQN-	18075
DUR.FAC.	1.25		
SPACING	24.0"		
JREF-	1734487_202		

(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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 MWFRS pressures.

See DWGS A11015EE1106 & GBLLETIN1106 for more requirements.

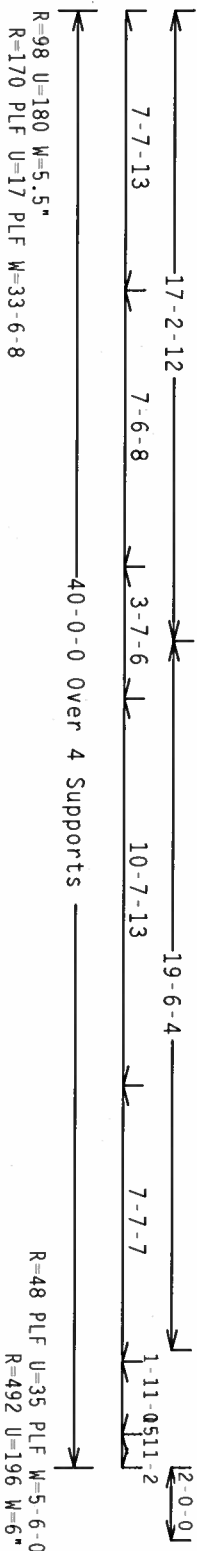
(A) 1x4 SP #3 or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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

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

-----	(LMBER DUE.FAC.=1.25 / PLATE DUE.FAC.=1.25)
TC - From	83 PLF at 0.00 to 83 PLF at 7.65
TC - From	86 PLF at 7.65 to 86 PLF at 15.19
TC - From	83 PLF at 15.19 to 83 PLF at 18.81
TC - From	86 PLF at 18.81 to 86 PLF at 29.46
TC - From	83 PLF at 29.46 to 83 PLF at 39.07
TC - From	83 PLF at 39.07 to 83 PLF at 42.00
BC - From	20 PLF at 0.00 to 20 PLF at 12.00
BC - From	20 PLF at 12.00 to 20 PLF at 26.00
BC - From	20 PLF at 26.00 to 20 PLF at 40.00
BC - From	4 PLF at 40.00 to 4 PLF at 42.00

Left end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

 $Cq/RT=1.00(1.25)/10(0)$

7.24

THE UNIVERSITY OF CHICAGO

FL/-/4/-/-/R/-

Scale = .1875"/Ft.

*****WARNING*****
 BUILDERS REQUIRE EXPERT CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING
 TO THE GC'S (TRUSSING COMPONENT SAFETY INFORMATION). PUBLISHED BY IPI TRUSS PLATE INSTITUTE, 218
 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, (800) 785-5263, WWW.IPI-TRUSS.COM
 ENTERPRISE NAME, ADDRESS, PHONE AND FAX NUMBERS MUST BE PROVIDED TO THE TRUSSING CONSULTANT. 65000
 01/01/2018 10:00 AM
 OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
 PROPERTY ATTACHED TOP CHORD CEILING.

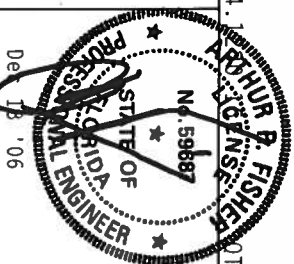
****IMPORTANT****
FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR

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 & BRACING OF TRUSSES, DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. CONNECTOR PLATE WITH 4" X 4" X 1/2" ALUMINUM ANGLE.

CONCRETE PLATES MADE OF 20/18/10.8/10.8 (W/H/S/KR) AS IN A553 GRADE 40/60 (W/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT.

Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844



TC LL	20.0 PSF	REF	R487 - 9163
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347074
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	40.0 PSF	SEQN-	18083
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T34487 702

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Stack Chord SC1 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-6-0 top chord
outlookers. Cladding load shall not exceed 10.00 PSF. Top chord
must not be cut or notched.

(A) 1x4 SP #3 or better "L" 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.

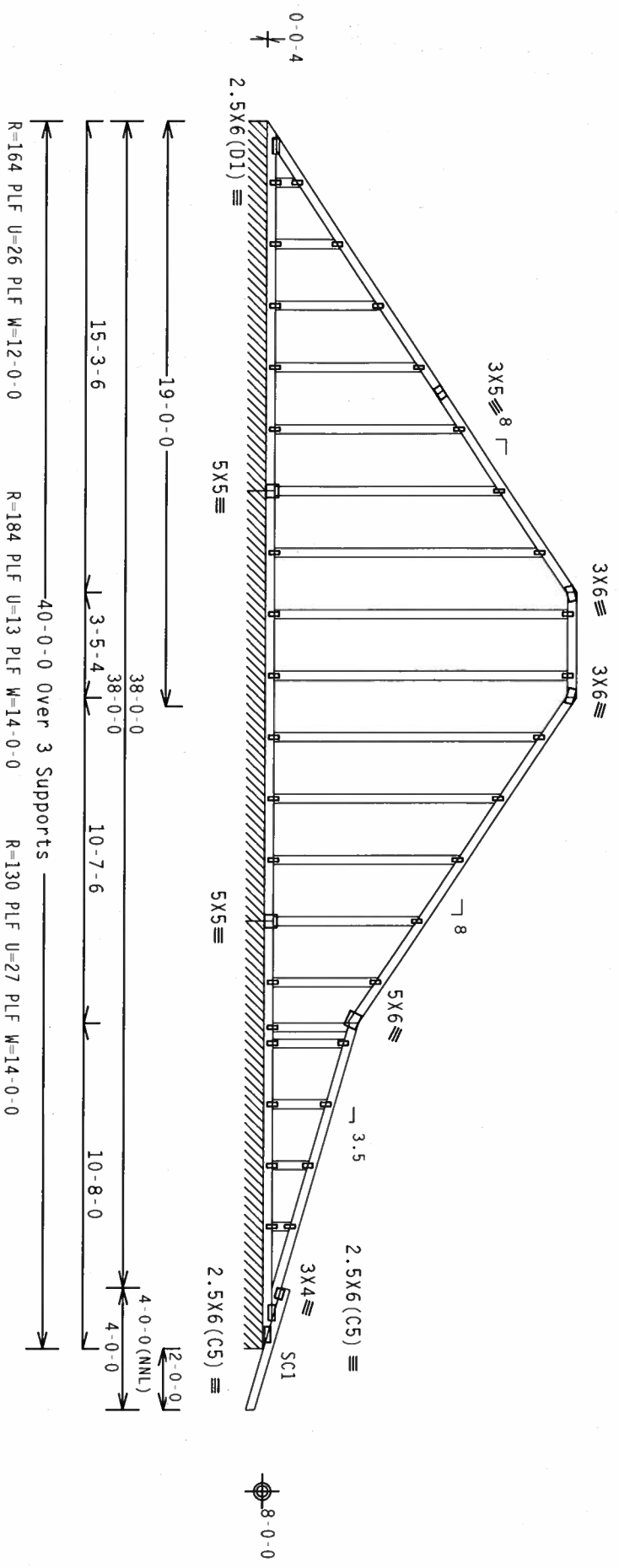
Deflection meets L/240 live and L/180 total load. Creep increase
Factor for dead load is 1.50.

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.

Wind reactions based on MMFRS pressures.

See DWGS A11015EE1106 & GBLLET1106 for more requirements.

Stacked top chord must NOT be notched or cut in area (NML).
Dropped top chord braced at 24" o.c. intervals. Attach stacked
top chord (SC) to dropped top chord in notchable area using 3x4
tie-plates 24" o.c. Center plate on stacked/dropped chord
interface, plate length perpendicular to chord length. Splice top
chord in notchable area using 3x6.



Note: All Plates Are 1.5X4 Except As Shown.
PLT TYP. Wave

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

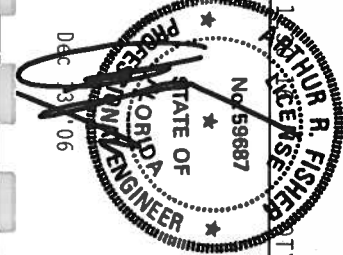
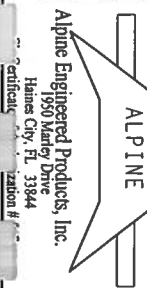
7.24.1

FL/-/4/-/R/-

Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING.
RETRACTING, OR REMOVING ANY MEMBER OR JOINT, OR ANY PART OF THE TRUSS, SHALL BE DONE IN ACCORDANCE WITH THE
MANUFACTURER'S INSTRUCTIONS. NO ALTERATIONS, MODIFICATIONS, OR ADDITIONS SHALL BE MADE TO THE TRUSS
UNLESS OTHERWISE INDICATED ON THE DRAWINGS. THE USER 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 & 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 SUFFICIENCY OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGNED AND THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R487--	9164
TC DL	10.0 PSF	DATE	12/13/06	
BC DL	10.0 PSF	DRW	HCSR487	06347075
BC LL	0.0 PSF	HC-ENG	KH/AF	
TOT.LD.	40.0 PSF	SEON-	18090	
DUR.FAC.	1.25			
SPACING	24.0"			

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Stack Chord SC1 2x4 SP #2 Dense:
Stack Chord SC2 2x4 SP #2 Dense:

Wind reactions based on MMFRS pressures.

See DWGS A11015EE1106 & GBLETT1106 for more requirements.

Stacked top chord must NOT be notched or cut in area (NML).
Dropped top chord braced at 24" o.c. intervals. Attach stacked
top chord (SC) to dropped top chord in notchable area using 3x4
tie-plates 24" o.c. Center plate on stacked/dropped chord
interface, plate length perpendicular to chord length. Splice top
chord in notchable area using 3x6.

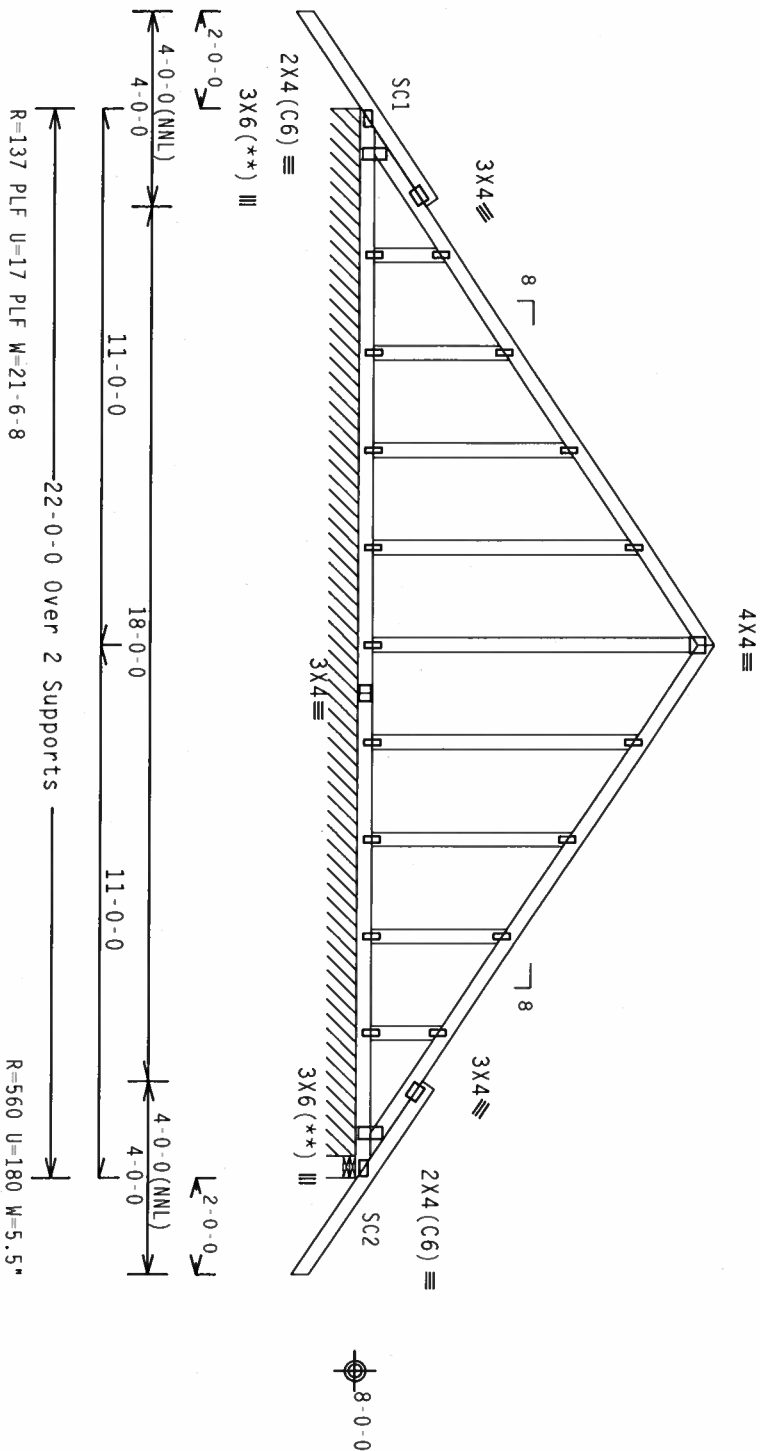
(**) 2 plate(s) require special positioning. Refer to scaled
plate plot details for special positioning requirements.

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.

Truss spaced at 24.0" OC designed to support 1-6-0 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.

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



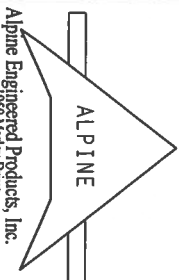
Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

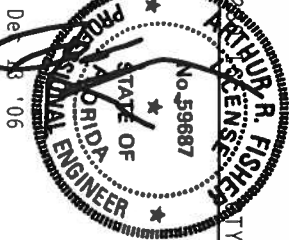
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BCST (BUILDING COMPONENT SAFETY) INFORMATION, 6206 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD TRUSS COUNCIL OF AMERICA), 6206
ENTERPRISE LANE, MADISON, MI 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. ALPINE ENGINEERED
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
DESIGN CONFORMS WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W/ H/SS) GALV. STEEL. ALPINE
PLATES TO BE USED IN TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
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.



Alpine Engineered Products, Inc.
1950 Valley Drive
Haines City, FL 33844



FL/-/4/-/R/-

Scale = .25"/ft.

TC LL 20.0 PSF

REF R487-- 9165

TC DL 10.0 PSF

DATE 12/13/06

BC DL 10.0 PSF

DRW HCUSR487 06347076

BC LL 0.0 PSF

HC-ENG KH/AF

TOT.LD. 40.0 PSF

SEON- 17966

DUR.FAC. 1.25

SPACING 24.0"

REF- 1T34487_202

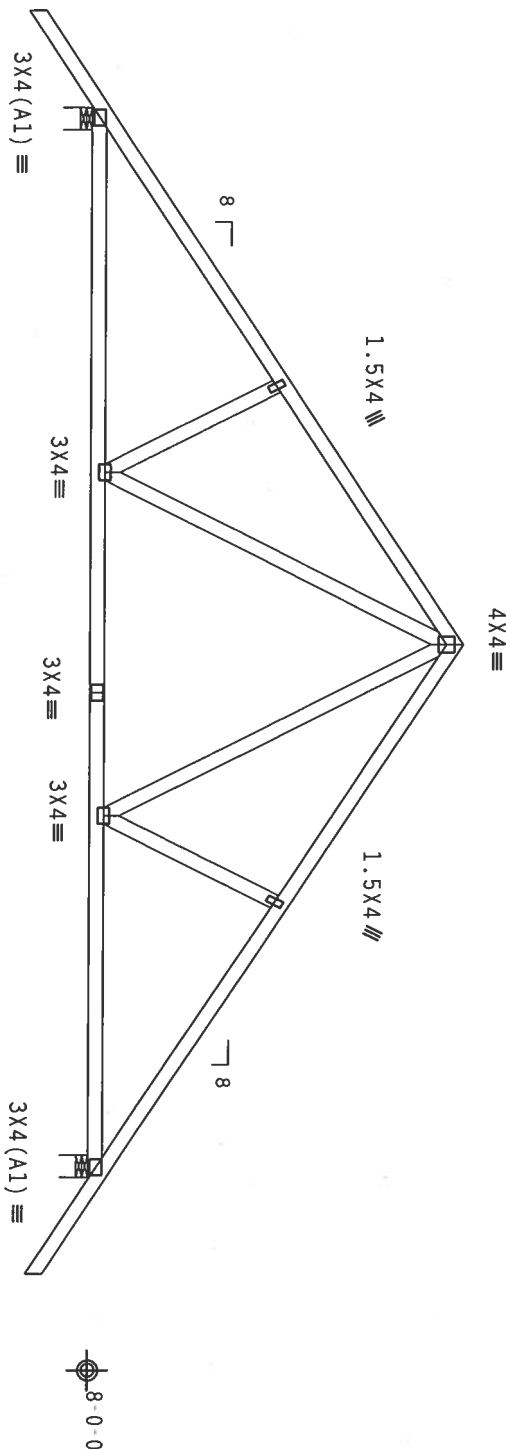
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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 purlins to brace TC @ 24" OC, BC @ 24" OC.



2'-0-0"
11'-0-0"
22'-0-0 Over 2 Supports
11'-0-0"
2'-0-0"
R=1062 U=180 W=5.5"
R=1062 U=180 W=5.5"

PLT TYP. Wave

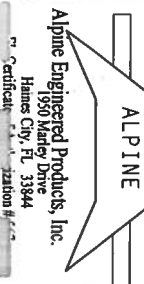
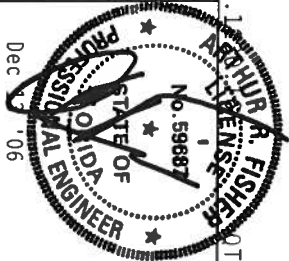
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

7.24.1

Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP BUILDING COMPONENT SAFETY HANDBOOK, LATE EDITION, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WOOD TRUSS ROOFING CODE, 608 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. 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 & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. 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.

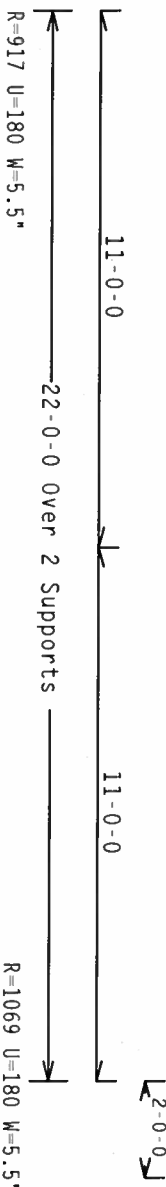


TC LL	20.0 PSF	REF R487-- 9166
TC DL	10.0 PSF	DATE 12/13/06
BC DL	10.0 PSF	DRW HCUR487 06347054
BC LL	0.0 PSF	HC-ENG KH/AF *
TOT.LD.	40.0 PSF	SEON- 17970
DUR.FAC.	1.25	
SPACING	24.0"	

DRWF- 1734487-202

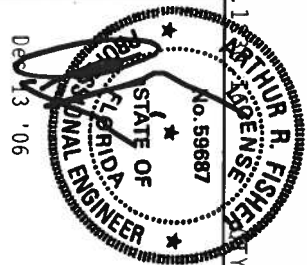
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



Scale = .25" / Ft.

DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/UP1 1 SEC. 2.



TC LL	20.0 PSF	REF	R487 - 9167
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347055
BC LL	0.0 PSF	HC-ENG	KH/AF *
TOT.LD.	40.0 PSF	SEQN -	18007
DUR.FAC.	1.25		
SPACING	24.0"	DRFF -	1T34487_Z02

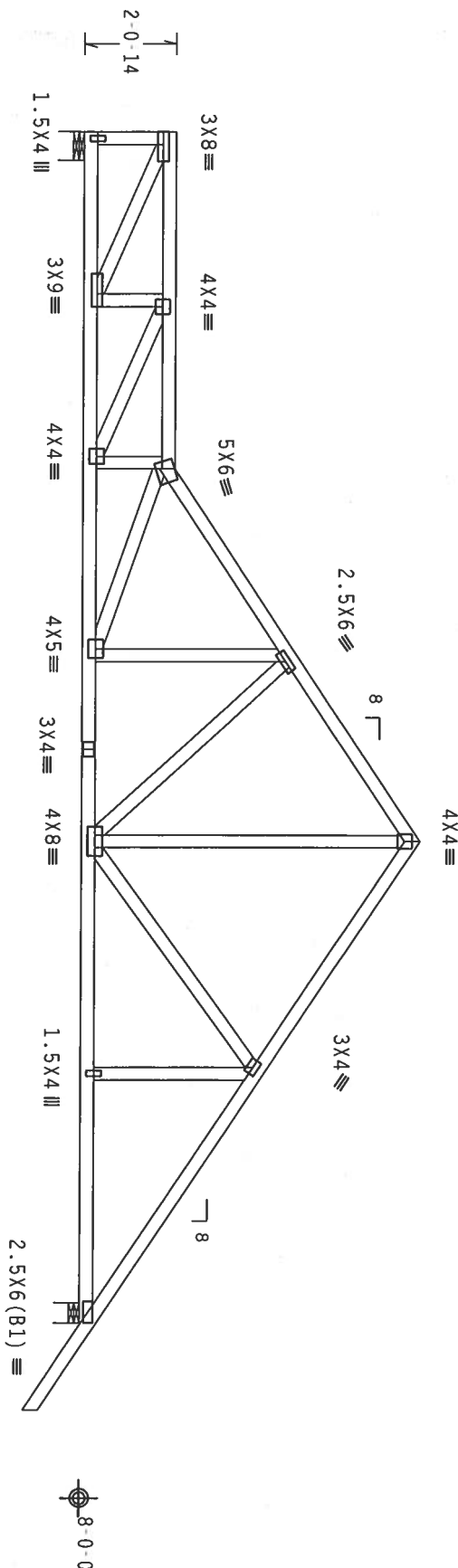
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MMFRS pressures.

Left end vertical not exposed to wind pressure.

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.
Max JT VERT DEF: LL: 0.14" DL: 0.22" recommended camber 3/8"
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



7'-7'-11 8'-5'-5 11'-0'-0
27'-1.0 Over 2 Supports
R=1126 U=180 W=7.778"
R=1288 U=180 W=5.5"

PLT TYP. Wave

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

7.24.1

FL/-/4/-/R/-

Scale = .25"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC'S1. BUILDING COMPONENTS SPECIFICATION, LATE EDITION, 1989, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND OTHER TRUSS MANUFACTURER'S LITERATURE. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

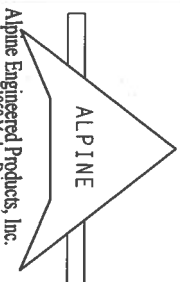
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

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 & BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 20/18/16GA (W/H/55/K) ASTM A653 GRADE 40/60 (W/ H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

ALL DIMENSIONS OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOW.

DESIGNER PER ANSI/TPI 1 SEC. 2. THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marney Drive
Haines City, FL 33844

Professional Engineer License # 12345



STY:1

REF R487-- 9168

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"

DATE 12/13/06

DRW HCUSR487 06347056

HC-ENG KH/AF

SEQN- 18012

DRW HCUSR487 06347056

HC-ENG KH/AF

SEQN- 18012

DRW HCUSR487 06347056

Professional Engineer License # 12345

DRW HCUSR487 06347056

Professional Engineer License # 12345

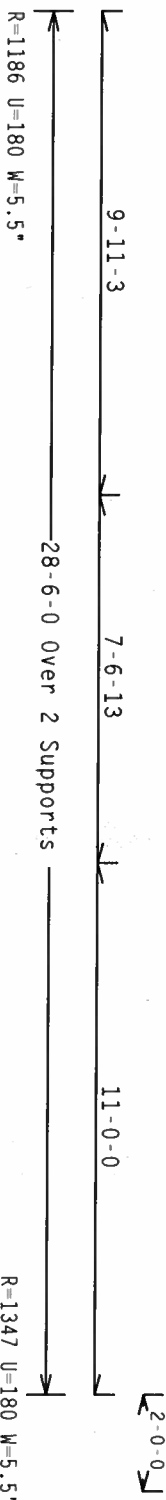
DRW HCUSR487 06347056

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

Max JT VERT DEFL: LL: 0.20" DL: 0.32" recommended camber 1/2"

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

brace TC @ 24" OC, BC @ 24" OC.



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED

Alpine Engineered Products, Inc.
1050 Madison Drive

Critical ization #

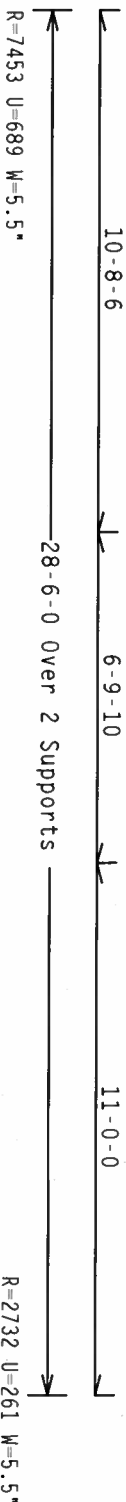


FL/-4/-/-/R/-		Scale=.25"/Ft.	
TC LL	20.0 PSF	REF	R487-- 9169
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347057
BC LL	0.0 PSF	HC-ENG	KH/AF *
TOT.LD.	40.0 PSF	SEQN-	18016
DUR.FAC.	1.25		
SPACING	24.0"	DRFF-	1T34487_202

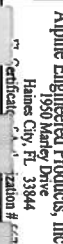
SPECIAL LOADS

Left end vertical not exposed to wind pressure.

Max JT VERT DEF: LL: 0.23" DL: 0.35" recommended camber 5/8"
In lieu of structural panels or rigid ceiling use purlins to
brace TC @ 24" OC, BC @ 24" OC.
4X5(R) III

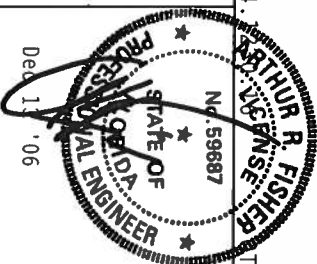


Scale = .25"/Ft.



**** IMPORTANT **** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

Dec 17, '06

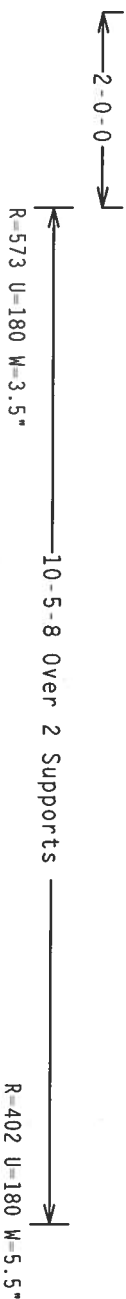


TC LL	20.0 PSF	REF	R487 - 9170
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347079
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	40.0 PSF	SEQN -	18065
DUR.FAC.	1.25		
SPACING	24.0"	URFF -	1T34487_202

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.

Right end vertical not exposed to wind pressure.

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

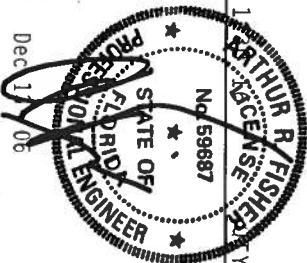


Scale = .5"/Ft.

**** IMPORTANT ****
FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

Alpine Engineered Products, Inc.

Haines City, FL 33844
Certificate of Registration

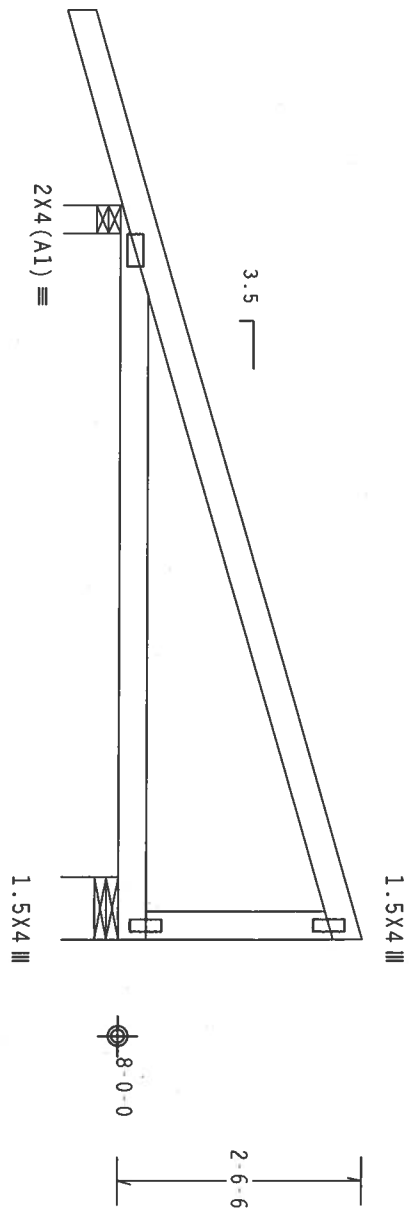


TC LL	20.0 PSF	REF	R487 - 9171
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347077
BC LL	0.0 PSF	HC-ENG	KH/AF *
TOT.LD.	40.0 PSF	SEQN -	17947
DUR.FAC.	1.25		
SPACING	24.0"	IRFF -	1T34487_Z02

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

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

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.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.



2-0-0
7-6-12 Over 2 Supports
R=462 U=180 W=3.5"
R=280 U=180 W=7.778"

PLT TYP. Wave

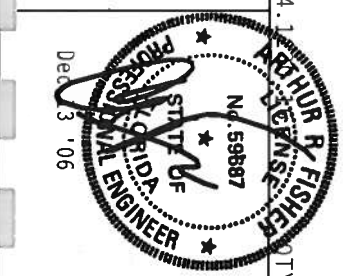
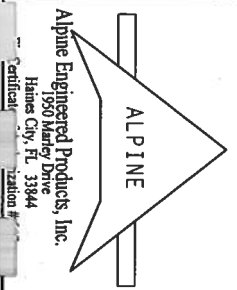
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

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

Scale = .5"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
BEFORE ERECTION, THE TRUSS SHALL BE EXAMINED FOR DEFECTS, DAMAGE, OR DEVIATION FROM THE DESIGN.
NORTH LEE STREET, MADISON, WI 53719 FOR SAFETY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
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 & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE
CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/55/K) ASTM A653 GRADE 40/60 (K, K/H, 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 ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS
DESIGN INDICATES THE SUFFICIENCY OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R487-- 9172
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347058
BC LL	0.0 PSF	HC-ENG	KH/AF *
TOT.LD.	40.0 PSF	SEQN-	17977
DUR.FAC.	1.25		
SPACING	24.0"		

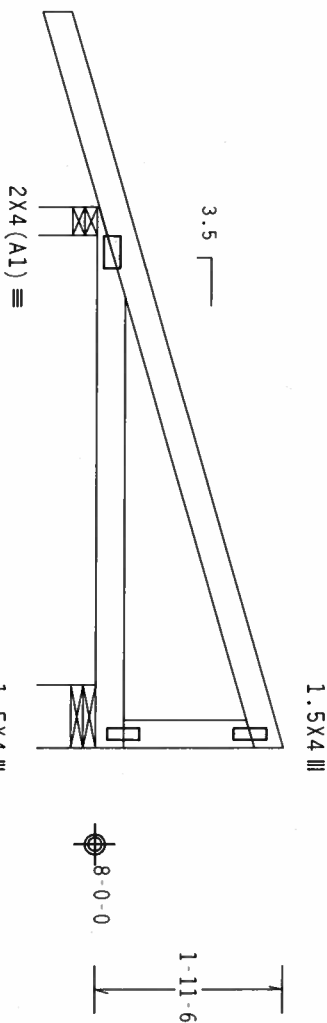
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.



2'-0'-0"

5'-6'-12 Over 2 Supports
R=388 U=180 W=3.5"
R=191 U=180 W=7.778"

PLT TYP. Wave

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

7.24.1

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 PANEL INSTITUTE), 6300 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. 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 & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE PERMITTED TO SEAL THIS TRUSS PER DRAWINGS 1604.2, 1604.3, 1604.4, 1604.5, 1604.6, 1604.7, 1604.8, 1604.9, 1605.0, 1605.1, 1605.2, 1605.3, 1605.4, 1605.5, 1605.6, 1605.7, 1605.8, 1605.9, 1606.0, 1606.1, 1606.2, 1606.3, 1606.4, 1606.5, 1606.6, 1606.7, 1606.8, 1606.9, 1607.0, 1607.1, 1607.2, 1607.3, 1607.4, 1607.5, 1607.6, 1607.7, 1607.8, 1607.9, 1608.0, 1608.1, 1608.2, 1608.3, 1608.4, 1608.5, 1608.6, 1608.7, 1608.8, 1608.9, 1609.0, 1609.1, 1609.2, 1609.3, 1609.4, 1609.5, 1609.6, 1609.7, 1609.8, 1609.9, 1610.0, 1610.1, 1610.2, 1610.3, 1610.4, 1610.5, 1610.6, 1610.7, 1610.8, 1610.9, 1611.0, 1611.1, 1611.2, 1611.3, 1611.4, 1611.5, 1611.6, 1611.7, 1611.8, 1611.9, 1612.0, 1612.1, 1612.2, 1612.3, 1612.4, 1612.5, 1612.6, 1612.7, 1612.8, 1612.9, 1613.0, 1613.1, 1613.2, 1613.3, 1613.4, 1613.5, 1613.6, 1613.7, 1613.8, 1613.9, 1614.0, 1614.1, 1614.2, 1614.3, 1614.4, 1614.5, 1614.6, 1614.7, 1614.8, 1614.9, 1615.0, 1615.1, 1615.2, 1615.3, 1615.4, 1615.5, 1615.6, 1615.7, 1615.8, 1615.9, 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1741.0, 1741.1, 1741.2, 1741.3, 1741.4, 1741.5, 1741.6, 1741.7, 1741.8, 1741.9, 1742.0, 1742.1, 1742.2, 1742.3, 1742.4, 1742.5, 1742.6, 1742.7, 1742.8, 1742.9, 1743.0, 1743.1, 1743.2, 1743.3, 17

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP 8, 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.

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

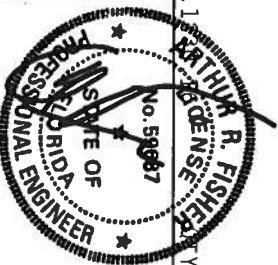
 $Cq/RT=1.00(1.25)/10(0)$

7.24.1

Scale = .5"/Ft.

****IMPORTANT****
FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE PRODUCT IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. (BY AREA) AND TPI STEEL APPLIED PLATES TO EACH FACE OF TRUSS AND MEMBER OVERLAP DETAIL ON TOP CHORD FOR PERMANENT BOLTED CONNECTIONS. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-02-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENTS 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.



Dec 13 '06

TC LL	20.0 PSF	REF	R487 - 9174
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HGUSR487 06347060
BC LL	0.0 PSF	HC-ENG	KH/AF *
TOT.LD.	40.0 PSF	SEQN -	17983
DUR.FAC.	1.25		
SPACING	24.0"	IRFF -	1T34487_Z02

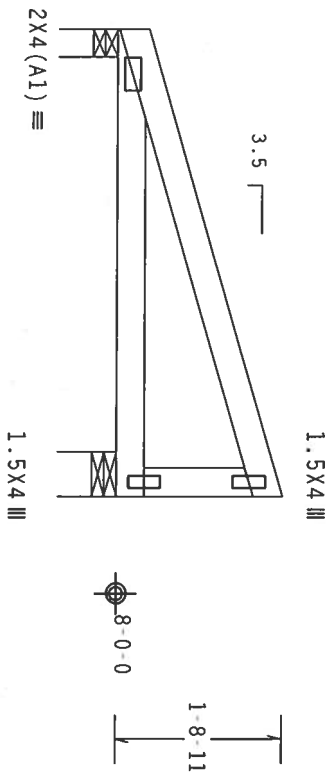
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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 purlins to brace TC @ 24" OC, BC @ 24" OC.



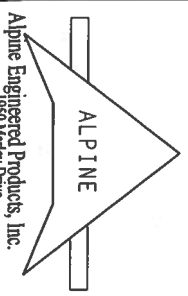
4-9-8 Over 2 Supports
R=200 U=180 W=3.5" R=188 U=180 W=5.5"

PLT TYP. Wave

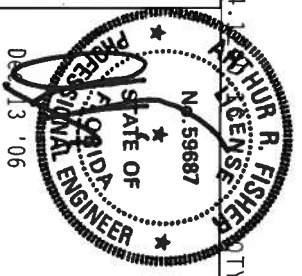
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY) INFORMATION, INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22311, AND WOOD TRUSS MANUFACTURING COMPANY, 100 ENTERPRISE LANE, MADISON, NJ 07719, 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. 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 & 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 (U/H/SS/K) ASTM A653 GRADE 40/60 (U, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DEFLECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SIGNATURE OF A PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SIGNATURE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1990 Marley Drive
Haines City, FL 33844



TC LL	20.0 PSF	REF R487-- 9175
TC DL	10.0 PSF	DATE 12/13/06
BC DL	10.0 PSF	DRW HCUSR487 06347061
BC LL	0.0 PSF	HC-ENG KH/AF
TOT.LD.	40.0 PSF	SEQN- 17986
DUR.FAC.	1.25	
SPACING	24.0"	

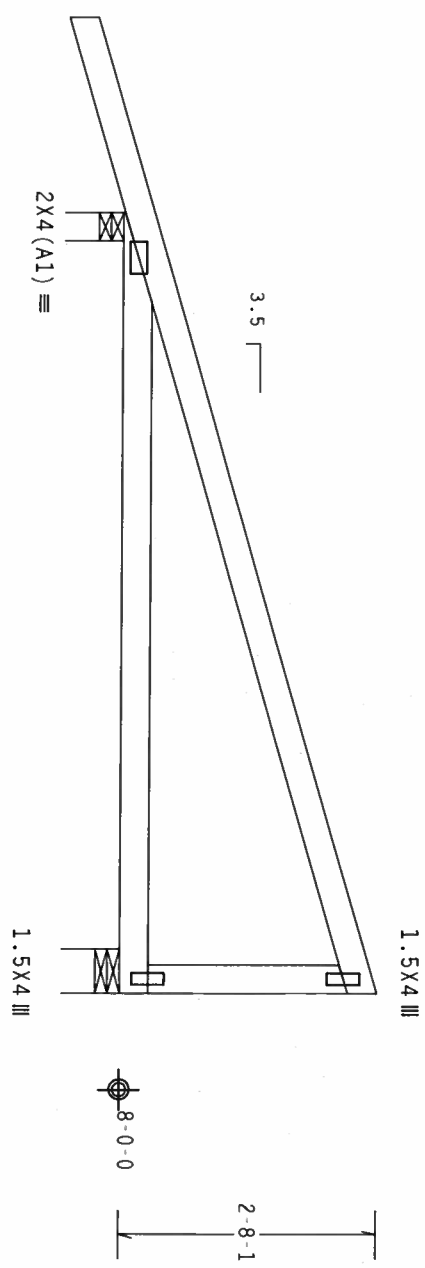
Scale = 5"/ft.

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

Wind reactions based on MMFRS pressures.

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

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.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



2-0-0
8-0-8 Over 2 Supports
R=480 U=180 W=3.5"
R=300 U=180 W=5.5"

PLT TYP. Wave

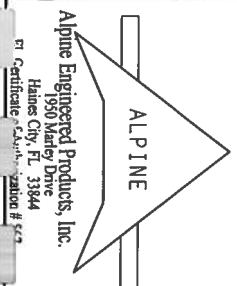
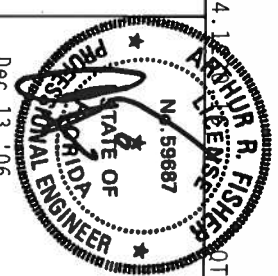
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

NOTY: 3 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 THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY, 101 BRIDGE PLAZA, SUITE 312, ALEXANDRIA, VA 22314, AND WICA (WOOD TRUSS CONNECTOR) PUBLISHED BY THE WOOD PRESERVE, 101 BRIDGE PLAZA, SUITE 312, ALEXANDRIA, VA 22314, 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. 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 & BRACING OF TRUSSES, CONNECTION PLATES ARE MADE OF 20/18/16GA (4.4/3.5/2.8) ASTM A653 GRADE 40/60 (K, K/H/SS) GALV. STEEL. APPLY THE FOLLOWING FACTORS TO THE DESIGN LOADS: 1.5 FOR LIVE LOADS, 1.2 FOR DEAD LOADS, 1.0 FOR WIND LOADS. ANY INSPECTION OF THE TRUSS SHALL BE PERFORMED AS OF TPI 1.2002 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL 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.



TC LL	20.0 PSF	REF R487 - 9176
TC DL	10.0 PSF	DATE 12/13/06
BC DL	10.0 PSF	DRW HCUSR487 06347062
BC LL	0.0 PSF	HC-ENG KH/AF
TOT.LD.	40.0 PSF	SEQN- 17999
DUR.FAC.	1.25	
SPACING	24.0"	

JREF- 1T34487_202

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

:Stack Chord SC1 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-6-0 top chord
outlookers. Cladding load shall not exceed 10.00 PSF. Top chord
must not be cut or notched.

Stacked top chord must NOT be notched or cut in area (NML).
Dropped top chord braced at 24" o.c. intervals. Attach stacked
top chord (SC) to dropped top chord in notchable area using 3x4
tie-plates 24" o.c. Center plate on stacked/dropped chord
interface, plate length perpendicular to chord length. Splice top
chord in notchable area using 3x6.

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.

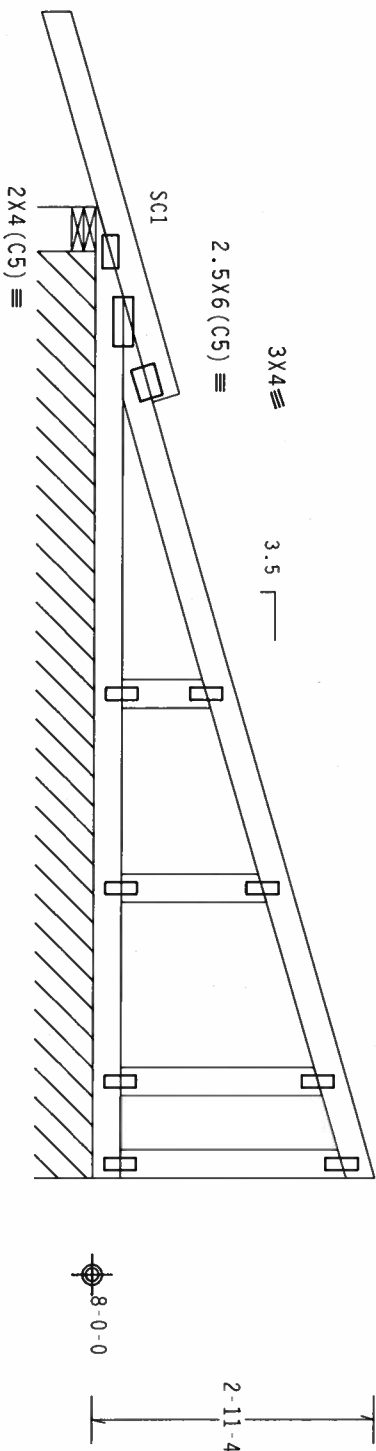
Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

See DWGS A110ISEE1106 & GBLLETIN1106 for more requirements.

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.



R=219 U=180 W=5.5"
R=122 PLF U=64 PLF W=9-6-8

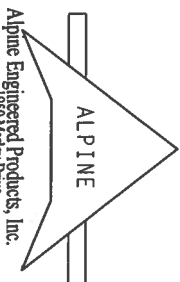
Note: All Plates Are 1.5x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

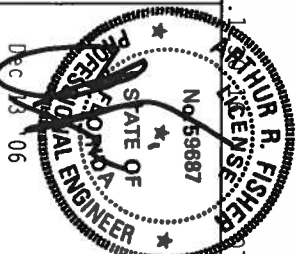
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BSI (BUILDING INFORMATION SERVICES) FOR TRUSS MANUFACTURING INSTITUTE, 218
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND WOOD HODGSON TRUSS FACTORY, 100
ENTERPRISE LANE, MADISON, MI 53719, 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. 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 & BRACING OF TRUSSES,
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. ALPINE
CONNECTION PLATES ARE MADE OF 2018/1664 (W/H/55/K) ASTM A653 GRADE 40/60 (W, K/H/55) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2.
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES AS OF TPI-2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES THE SIGNIFICANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
AND NOT THE ENTIRE BUILDING. THE SIGNIFICANCE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Professional Engineer License # 1777



TC LL	20.0 PSF	REF	R487-- 9177
TC DL	10.0 PSF	DATE	12/13/06
BC DL	10.0 PSF	DRW	HCUSR487 06347078
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	40.0 PSF	SEQN-	18070
DUR.FAC.	1.25		
SPACING	24.0"	URFF-	1T34487_202

Scale = .5"/ft.

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

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.

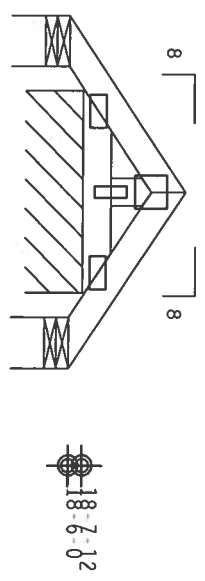
REFER TO HCUSR001 02086006 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C., UNLESS OTHERWISE SPECIFIED.

NOTE: TWO (2) TRUSSES OF THIS DESIGN MAY BE FIELD FRAMED AFTER INSTALLATION TO ACT AS A GABLE END.

SEE DWGS HCUSR001 02086015 FOR MORE REQUIREMENTS.

110 mph wind, 19.10 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 purlins to brace TC @ 24" OC, BC @ 24" OC.

4X4



2X4(A1) = 1.5X4 III

1-0-6 2X4(A1) =
1-0-6 1-0-6

3-7-6 over 3 Supports

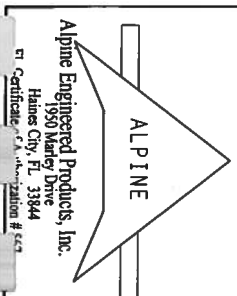
R-19 U-180 W-6.31"
R-83 PLF U-87 PLF W-2-0-12
R-19 U-180 W-6.31"

PLT TYP. Wave

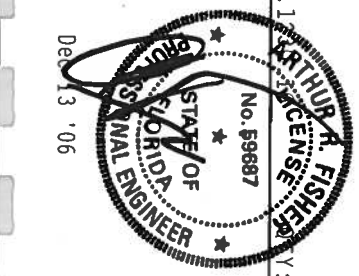
Design Cmt: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

WARNING TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL ASSOCIATION OF BUILDERS, 1310 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WICA (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. 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 & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. IS NOT RESPONSIBLE FOR THE DESIGN OF THE TRUSS OR THE STRUCTURE TO WHICH IT IS ATTACHED. THE USER OF THIS DESIGN SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE STRUCTURE TO WHICH IT IS ATTACHED. 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 ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate of Registration # 654



TC LL	20.0 PSF	REF	R487-- 9178
TC DL	10.0 PSF	DATE	12/13/06
BC DL	2.0 PSF	DRW	HCUSR487 06347073
BC LL	0.0 PSF	HC-ENG	KH/AF
TOT.LD.	32.0 PSF	SEQN-	17937
DUR.FAC.	1.25		
SPACING	24.0"		

Scale = .5"/ft.

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.

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLUB 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	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

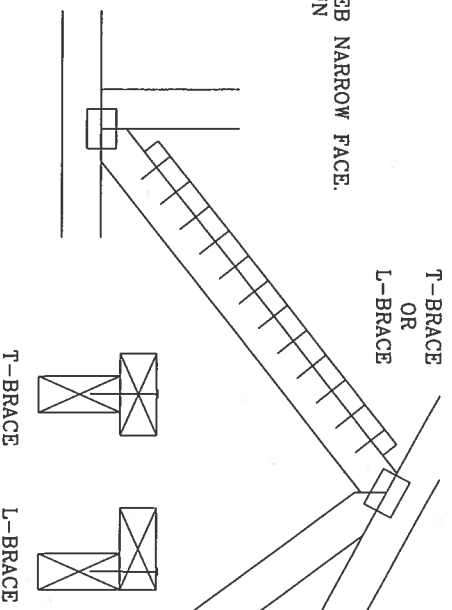
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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

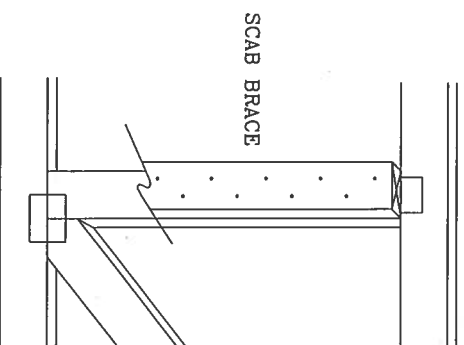


**ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA**

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

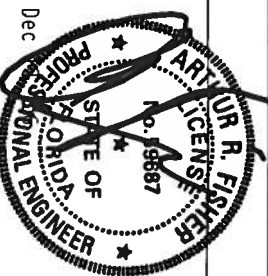


APPLY SCAB(S) TO WIDE FACE OF WEB
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128" x 3", MIN) NAILS.
AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/1/06
BC DL	PSF	DRWG	BRCLBSUB1106
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 314, ALEXANDRIA, VA 22304 AND VITA CORDO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI 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 TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. BY A8628A AND TYP. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/1664 C.V./H.S.S/V2 ASTM A653 GRADE 40/46 C.V./H.S.S GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS MEMBERS UNLESS OTHERWISE INDICATED. PER THIS DESIGN, POSITION FOR BRACKINGS 1604-Z AND AN INSPECTION OF PLATES FOLLOWED BY CLOSURE OF TRUSS. DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENTS, INCLUDING THE SHOWN OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS, INCLUDING THE SHOWN OF SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

GROUP A:	
SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	#2
STANDARD	STUD
#3	#3
STUD	STANDARD

GROUP B:	
DOUGLAS FIR-LARCH	SOUTHERN PINE
#1	#1
STANDARD	STUD
#2	#2
STUD	STANDARD

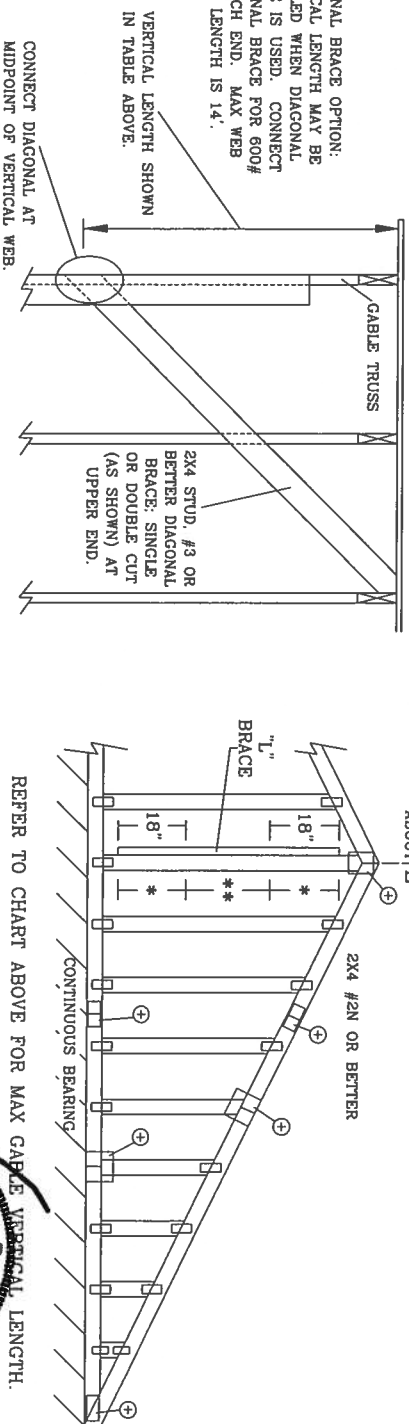
GROUP B:	
SOUTHERN PINE	HEM-FIR
#1	#1 & BTR
#2	#1
DOUGLAS FIR-LARCH	
#1	
#2	

LIVE LOAD DEFLECTION CRITERIA IS $1/240$.
PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER
CONTINUOUS BEARING (5 PSF TO 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.

VERTICAL LENGTH	NO SPICE
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, SPICE, AND HEEL PLATES.



CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL WEB.

DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600#
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL WEB.

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 210 NORTH LEE STR., SUITE #1C, ALEXANDRIA, VA 22304 AND VTCA C/O DODD TRUSS COUNCIL OF AMERICA, 6800 ENTERPRISE LN. WASHINGTON, VI 57919 FOR SAFETY PRACTICES THAT PERFORM THESE FUNCTIONS UNLESS OTHERWISE INDICATED. NO CHILD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

HIGHLIGHT: 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 TRUSSES IN CONFORMANCE WITH THE RE FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. FOR STEEL AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1664 VU/H/SSXZ ASH A663 GRADE LOGGED ON 02/23/2013. ALL FIELD-APPLIED PLATES TO EACH PAIR OF TOP/AND UNLESS OTHERWISE INDICATED ON THIS SHEET, ARE TO BE INSTALLED IN ACCORDANCE WITH PLATES IDENTIFIED BY (X) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 2. LOCAL INSPECTION REQUIRED FOR CERTAIN TYPES OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. PROVIDE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

Dec 13

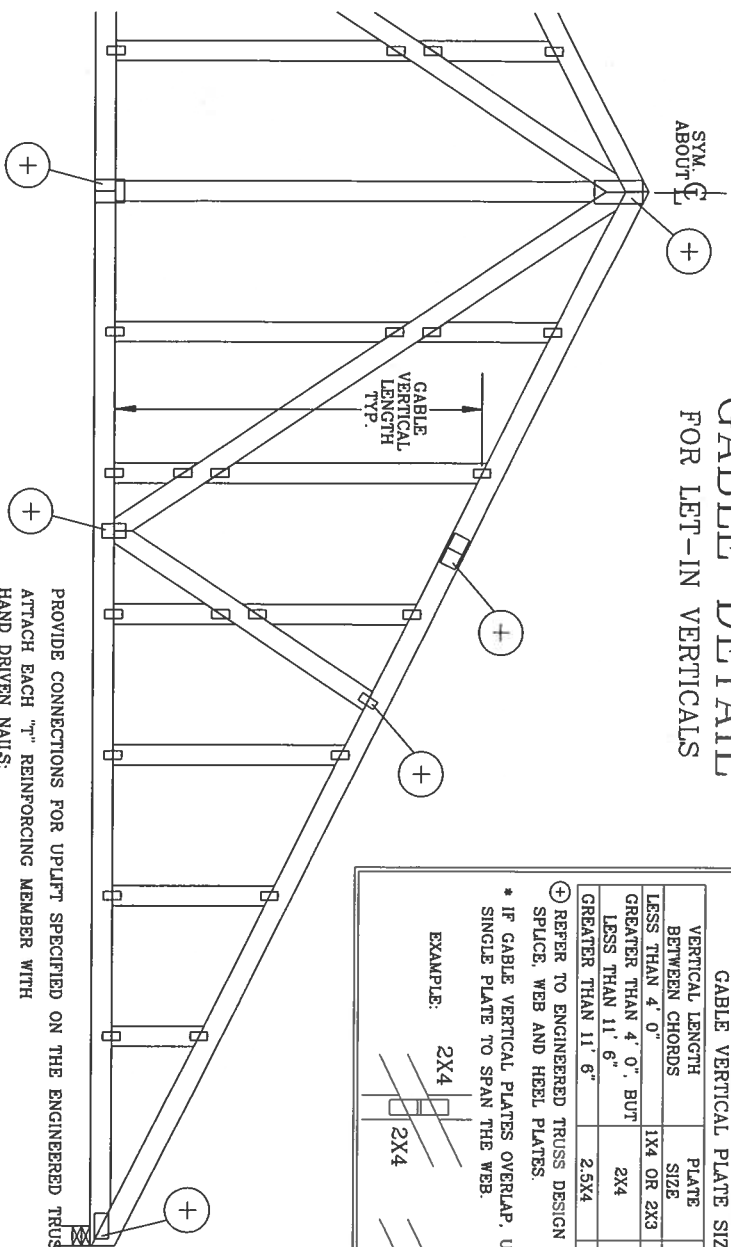
ARTHUR R. FISHER
FLORIDA
STATE OF
PROFESSIONAL ENGINEER
No. 59687
LICENSE

MAX GABLE MEDICAL LENGTH

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"

REF	ASCE7-02-CAB11015
DATE	11/1/06
DRWG	A11015EE1106
-ENG	

CABLE DETAIL FOR LET-IN VERTICALS

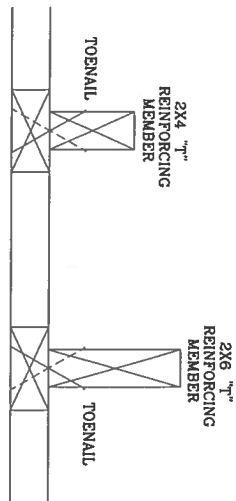


CABLE VERTICAL PLATE SIZES			
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*	
LESS THAN 4' 0"	1X4 OR 2X3	2X6	
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4	2X6	
GREATER THAN 11' 6"	2.5X4	2.5X6	

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

EXAMPLE:

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



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

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
115 MPH	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 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
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

CABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED CABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

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

ASCE 7-93 CABLE DETAIL DRAWINGS

A1015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103

A1030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103

ASCE 7-98 CABLE DETAIL DRAWINGS

A1015EC1103, A10015EC1103, A0815EC1103, A0715EC1103

A13015EC1103, A12030EC1103, A11030EC1103, A08530EC1103

ASCE 7-02 CABLE DETAIL DRAWINGS

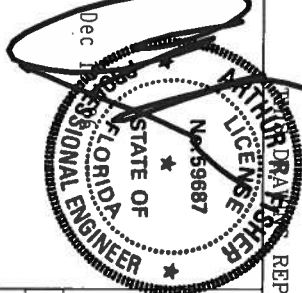
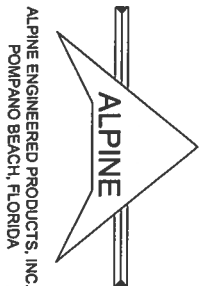
A13015ED0405, A12015ED0405, A11015ED0405, A0815ED0405, A0715ED0405

A13030ED0405, A12030ED0405, A11030ED0405, A08530ED0405, A07530ED0405

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE MANUFACTURER, FOR SPECIFIC INSTRUCTIONS. SEE ALEXANDRIA, VA, 22304 AND WFOA CVOED TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE ST., SUITE 312, ALEXANDRIA, VA, 22304 FOR TRUSS RIGID TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PADDED, 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 DESIGN, HANDLING, SHIPPING, INSTALLING, AND BRACING OF THE TRUSS. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION FOR STEEL CONSTRUCTION, 16TH EDITION, 2005, AND THE 2005 INTERNATIONAL BUILDING CODE (IBC) AND THE 2005 INTERNATIONAL RESIDENTIAL CODE (IRC). THIS DESIGN 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.



REPLACES DRAWINGS GAB98117 876,719 & HC26294035

MAX TOT. LD. 60 PSF	REF LET-IN VERT
DUR. FAC. ANY	DATE 11/1/06
MAX SPACING 24.0"	DRWG GBLTINI106
	-ENG DLJ/KAR

(PIGgyBACK -)

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

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

*E (4) 0.131"x1.375" SCOTCH NAILS OR EQUAL IN EACH MEMBER. TRUSS PLATE TO BE APPLIED TO EACH FACE AT 2'-0" O.C. MAXIMUM SPACING. REFER TO DRAWING 142 FOR TRUSS 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 TRUSS AT 2'-0" O.C. MAX.

** PIGgyBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH W1.5x3 ALPINE.

* 3x8 TRUSS PLATE OR ALPINE PIGgyBACK SPECIAL PLATE (SEE DRWG. 847.847)

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

140 MPH WIND, 30.0 FT MEAN HGT. ASCE 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.

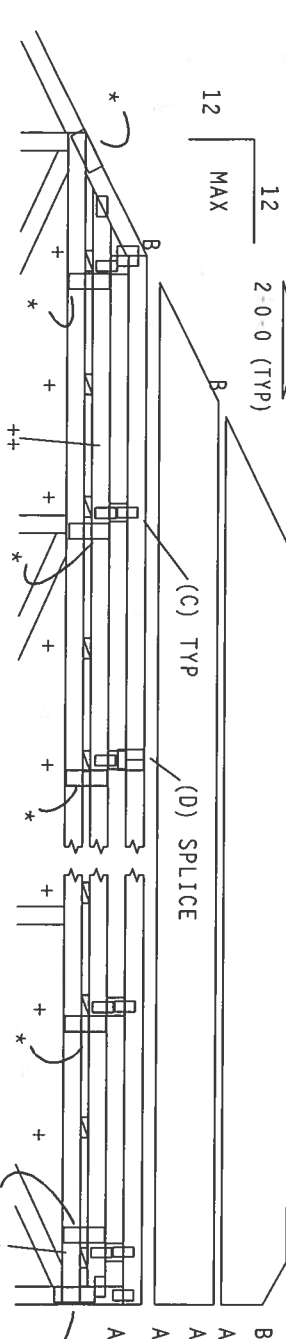
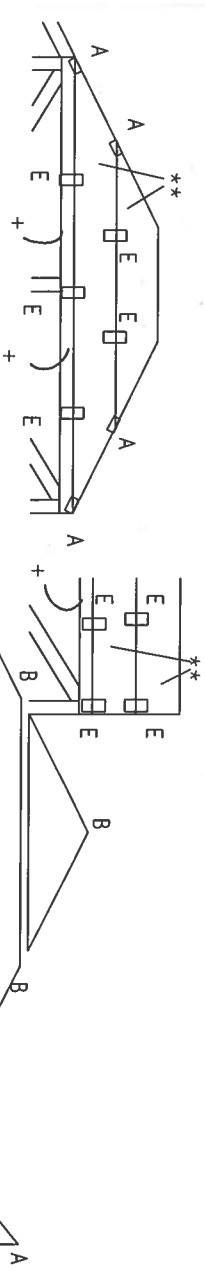
NOTE: TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

+ 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	NO BRACING	WEBS BRACING
A	30'-0"	34'-0"	38'-0"
B	M2x4	M2x5	M3x5
C	M5x4	M5x5	M5x5
D	M1x3	M1.5x3	M1.5x3
	M5x4	M5x5	M5x5
			UP TO 7'-9"
			AND LENGTH AS WEB. ATTACH WITH 8D NAILS AT 6" O.C.
			TO 12'-3" 1x4 "T" BRACE. SAME GRADE AND LENGTH AS WEB. ATTACH WITH 16D NAILS AT 4" O.C.



ALTERNATE LOADING:
TCLL 20 30 PSF
TCDL 20 15 PSF
BCDL 10 10 PSF
TOTL 50 55 PSF
1.25 1.33

42-0-0 MAXIMUM PIGgyBACK SPAN

PLT TYP. High Strength, Wave TPI-95

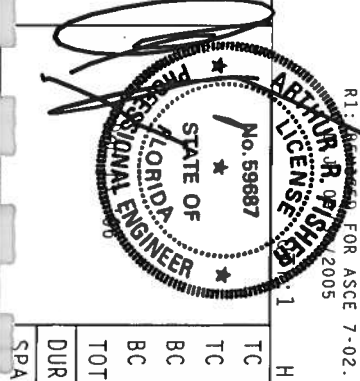
Design Criteria: TPI(STD)

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 BUILDING CODE, PART 10 (TRUSS PLATE INSTITUTE, 563 D'ONDRO DR., SUITE 200, MADISON, WI 53719) AND WCA 4000 THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



Alpine Engineered Products, Inc.
1950 Marney Drive
Haines City, FL 33844
Certification # 773

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TC LL	30.0 PSF	REF	R001-- 0
TC DL	7.0 PSF	DATE	03/27/02
BC DL	10.0 PSF	DRW	HCSR001 02086006
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ
TOT.LD.	47.0 PSF	SEQN	- 24938
DUR.FAC.	1.33		
SPACING	24.0"	JRFF-	150V001_R38

DETAIL: 140PB

140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-98, PART. ENC. BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TCOL=5.0 PSF, WIND BCOL=5.0 PSF.

140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-02, PART. ENC. BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TCOL=5.0 PSF, WIND BCOL=5.0 PSF.

+ FOR VERTICAL WEBS LESS THAN 4'0": W1X4
+ FOR VERTICAL WEBS GREATER THAN 4'0" BUT NO MORE THAN 11'6": W2X4.

* SPLICE, PEAK, AND HEEL PLATES TO MATCH COMMON TRUSS.

** 2X4 OR GREATER CHORDS.

DROP GABLE WILL SUPPORT 4'0" OUTLOOKERS WITH 2'0" OVERHANG (DROP HEEL GABLE) SPACED 24" O.C., OR THE LOAD FROM 12" PLYWOOD OVERHANG (NOMINAL HEEL GABLE).

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.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE GABLE SHEAR WALL DESIGN, CEILING AND ROOF SHEATHING DIAPHRAGM CONNECTIONS, AND ALL TRUSS TO WALL CONNECTIONS.

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

R1 NOTE: NAIL STEPS OF LADDER TRUSS ONTO THE OUTSIDE PIECES WITH 2-16D NAILS AT EACH END.

R1 NOTE: ATTACH LADDER TRUSS TO TOP CHORD OF GABLE TRUSS WITH TWO ROWS OF 16D NAILS @ 8" O.C. STAGGERED 4"

ALT. GABLE SHAPES:



Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI-95

Design Cnt: TPI-1995(STD)

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 100 N. MICHIGAN, SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE DRIVE, SUITE 100, FARMINGTON, CT 06031) FOR ADDITIONAL INFORMATION. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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Alpine Engineered Products, Inc.
1990 Marley Drive
Haines City, FL 33844
Certificate of Registration # 673

BRACING DEFINITIONS:
NOTE: "END ZONE" EXISTS 18" AT BOTH ENDS OF VERTICAL WEB.

- (A) (1) 2X4 SP #3 "L" BRACE. ATTACH WITH 0.128"x3" NAILS @ 2" OC. IN END ZONES: 4" OC. BETWEEN ZONES.
- (B) (2) 2X4 SP #3 "L" BRACES. ATTACH EACH WITH 0.128"x3" NAILS @ 3" OC. IN END ZONES: 6" OC. BETWEEN ZONES.
- (C) (1) 2X6 SP #2 N "L" BRACE. ATTACH WITH 0.128"x3" NAILS @ 2" OC. IN END ZONES: 4" OC. BETWEEN ZONES.
- (D) (2) 2X6 SP #2 N "L" BRACES. ATTACH EACH WITH 0.128"x3" NAILS @ 3" OC. IN END ZONES: 6" OC. BETWEEN ZONES.

STUD SPACING / BRACING TABLE:

2X4 SP #3 STUD SPACING	DEFLECTION CRITERIA	NO BRACE	(1) 2X4 "L" BRACE TYPE (A)	(2) 2X4 "L" BRACE TYPE (B)	(1) 2X6 "L" BRACE TYPE (C)	(2) 2X6 "L" BRACE TYPE (D)
24"	L/360	-----	3' 1"	4' 2"	6' 3"	8' 0"
24"	L/180	-----	3' 4"	5' 7"	6' 3"	11' 0"
16"	L/360	-----	3' 11"	5' 3"	7' 10"	9' 11"
16"	L/180	-----	4' 9"	7' 4"	9' 6"	11' 0"
12"	L/360	-----	4' 7"	6' 1"	8' 11"	11' 0"
12"	L/180	-----	5' 11"	8' 5"	11' 0"	11' 0"

OVERHANG DETAIL

REFER TO TABLE FOR BRACING REQUIREMENTS.

LADDER W/ STEPS @ 24" OC.

TRUSSES @ 24" O.C.

INCLUDES FASCIA

MAX 1'-0-0

+(TYP)

Over Continuous Support U=280 PLF

R2: REVISED FOR ASCE 7-02.

DLJ 09/30/2005

R1 REV 2-5-02 JMC

HI/-1/-1/-R/-

DETAIL: 1406C

Scale = .375"/ft.

TC LL 30.0 PSF

TC DL 7.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 47.0 PSF

DUR.FAC. 1.33

SPACING 24.0"

REF R001-- 0

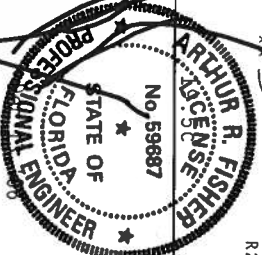
DATE 03/27/02

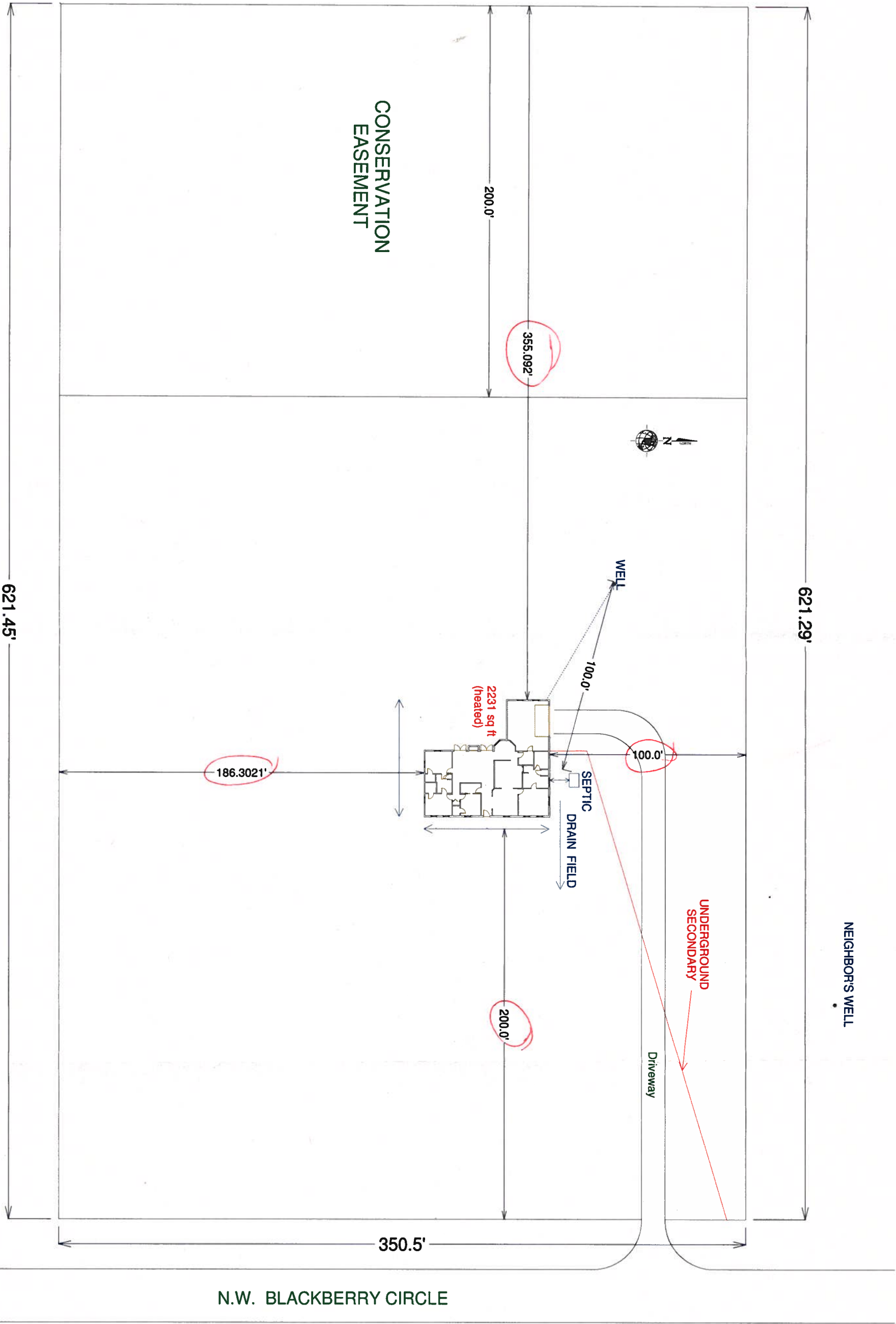
DRW HCUSR001 02086015

HC-ENG DLJ/DLJ

SEQN- 24860

JRFE- 1SV3001_R03





WHITE RESIDENCE PLANS COLUMBIA COUNTY, FL

Plan Sheet Index:

Sheet No.	Description
1	title/index sheet
2	floor plan
3	front and right elevations
4	rear and left elevations
5	wall typical/strapping and anchor requirements
6	special foundation details
7	gable bracing detail & dormer detail
8	roof plan & window and door sizes
9	foundation plan
10	electrical plan

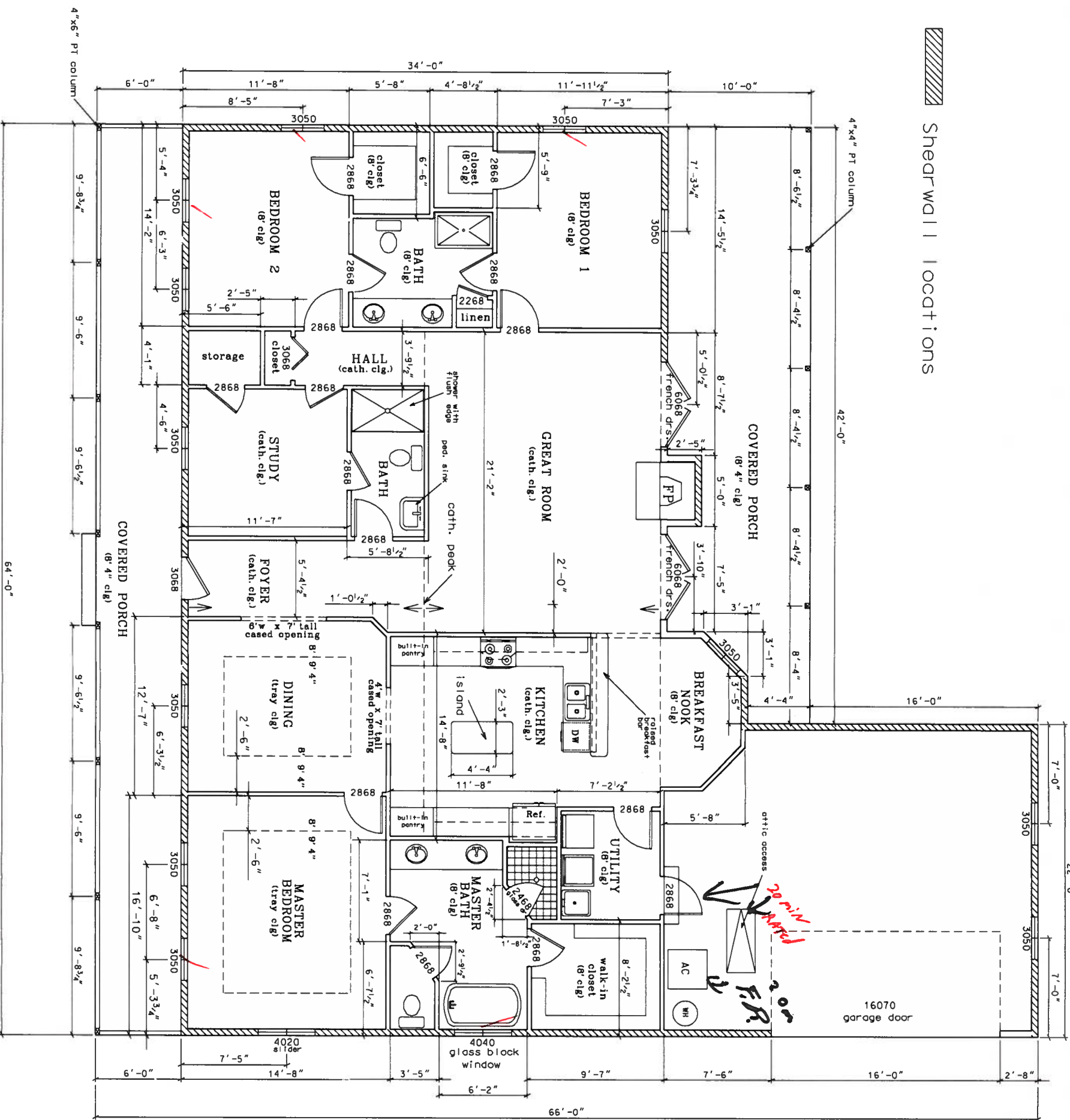
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11-15-06



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WHITE RESIDENCE
COLUMBIA COUNTY, FLORIDA

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Note: Minimum 1/2" gypsum shall separate home from garage area. 1 3/8" thick solid wood door min. or 1 3/8" thick solid or honeycomb steel door min., or 20 minute fire rated door shall be installed between garage and home.

LIVING AREA - 2231 sq. ft.

GARAGE - 561 sq. ft.

PORCHES - 760 sq. ft.

FLOOR PLAN

0 4' 8'

scale

score

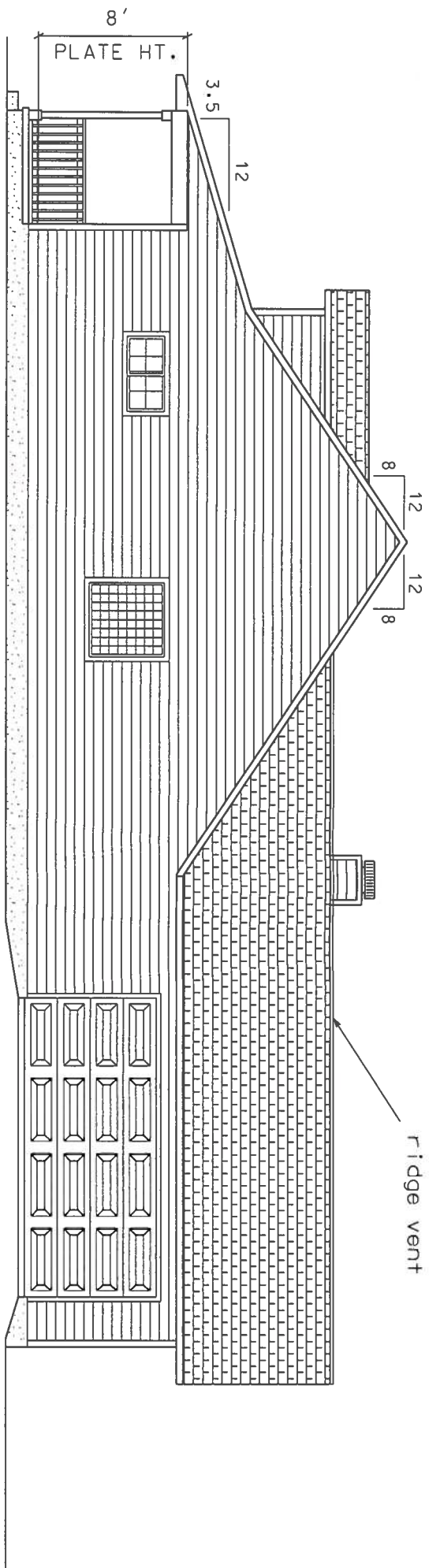
SHEET

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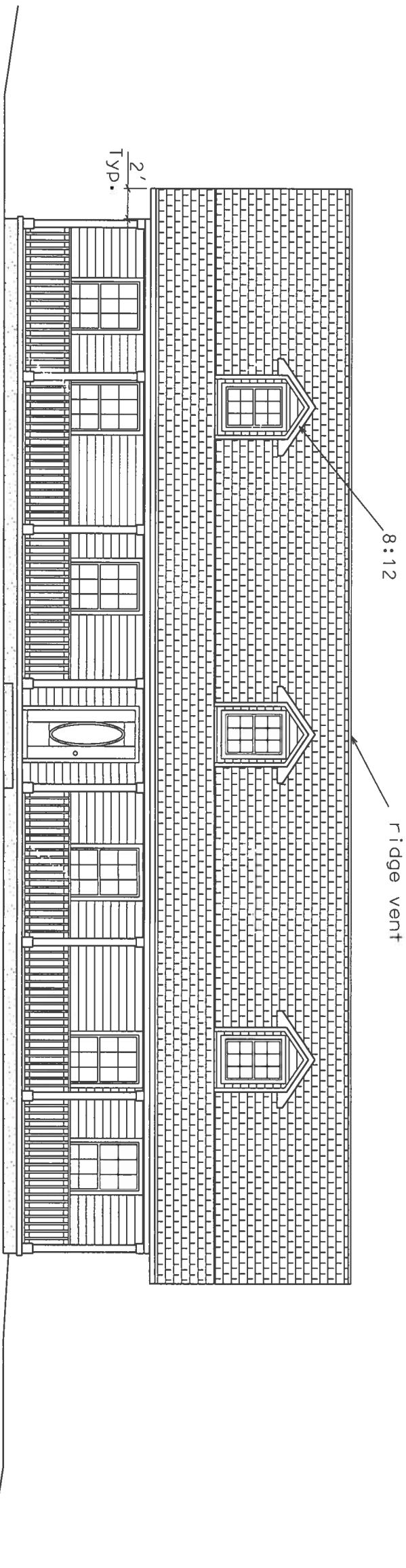
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RIGHT ELEVATION

0 4' 8'
scale



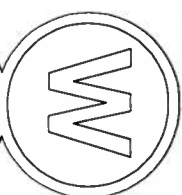
FRONT ELEVATION

0 4' 8'
scale

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COLUMBIA COUNTY, FLORIDA

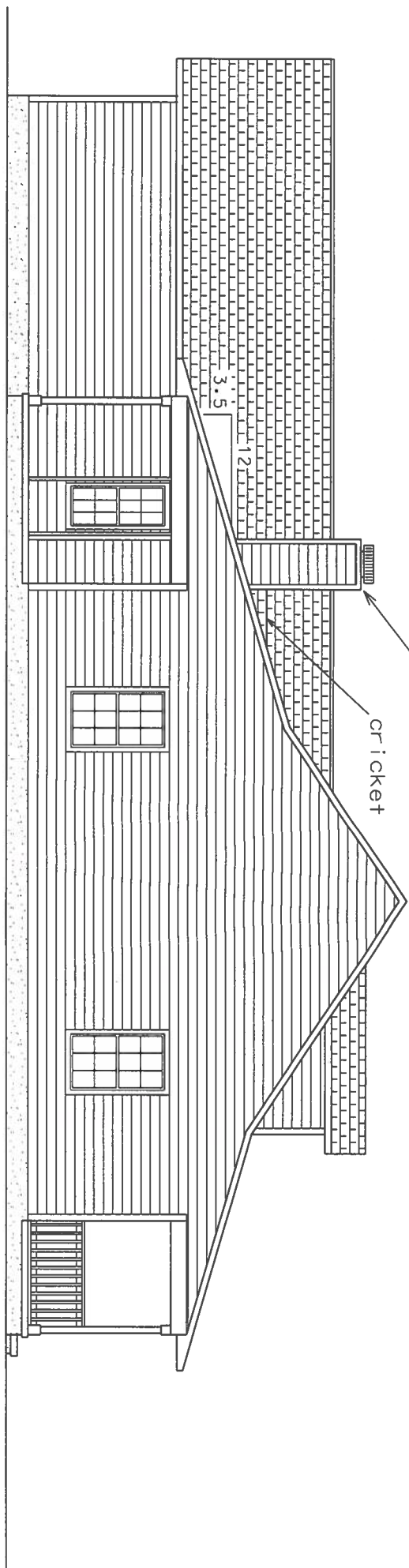
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SHEET
3
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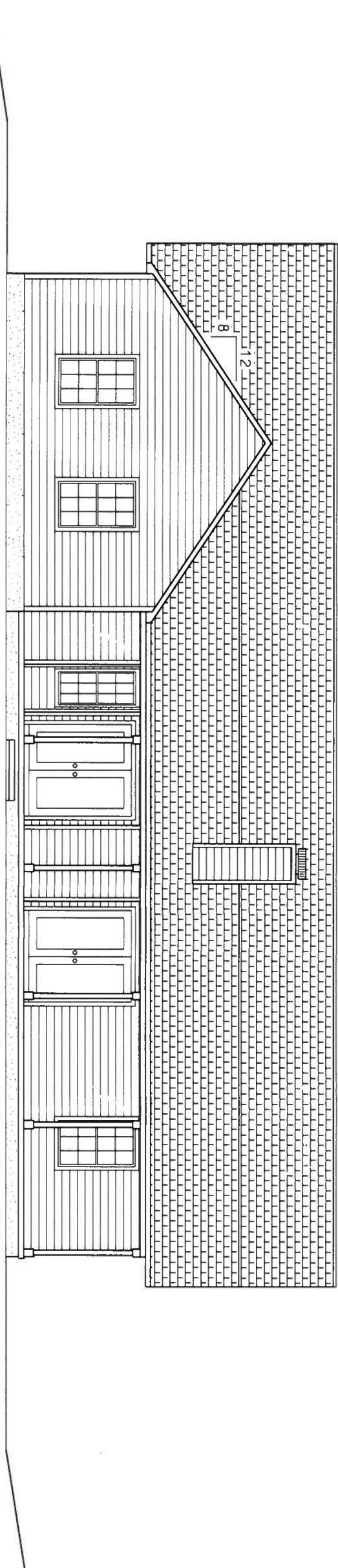
Chimney must be 2'
above highest point
of roof within 10'

cricket



LEFT ELEVATION

0 4' 8'
scale



REAR ELEVATION

0 4' 8'
scale

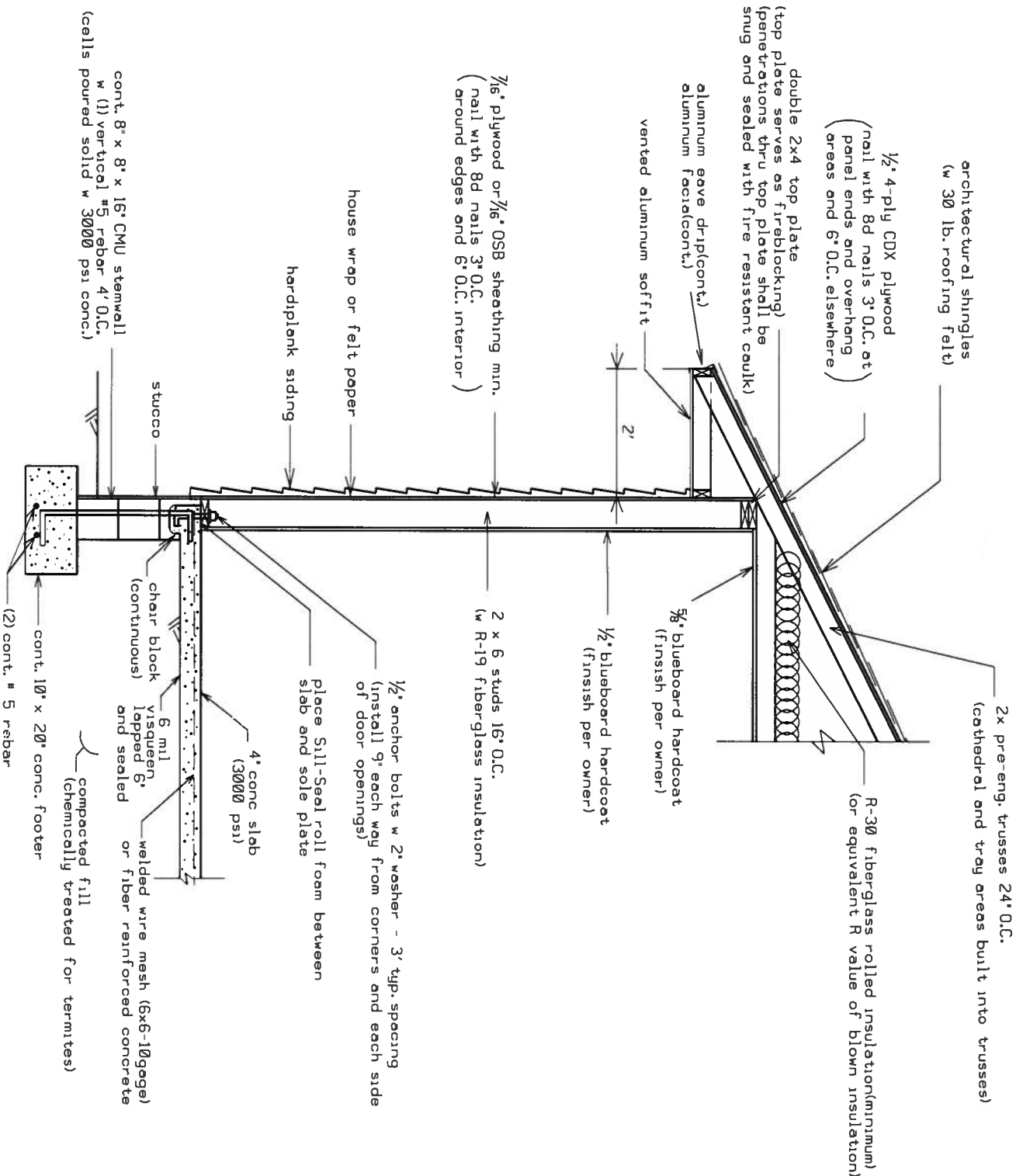
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W

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DETAIL A - WALL TYPICAL (N.T.S.)

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

- WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2X10's, with 2x6 top and bottom
- PORCH BEAMS SHALL BE: 2 - #2 SYP 2X10's with 1/2" plywood or OSB between.
- GARAGE DOOR BEAM SHALL BE: 1 - 3.5" X 14" LVL BEAM (Louisiana Pacific 3.5" x 14" Gang Lem 22500 Fb 1.5E or an equivalent capacity beam)

STRAPPING AND ANCHOR REQUIREMENTS
(Designed In accordance with the 2004 FBC and amendments):

WINDLOAD DATA AND EXPOSURE:

- Basic Wind Speed = 110 mph
- Importance Factor = 1.0
- Exposure Category = B
- Residential Occupancy = Group R3
- Mean Roof Height = 18'
- Height and Exposure Adjustment Coefficient = 1.0
- Roof Cross Slope = 3.5:12 & 8:12 (See Elevations)
- Wall Height = 8'
- Analysis Method = FBC 1609.6 - Simplified Provisions for Low Rise Buildings (see tables 1609.6A, 1609.6B, 1609.6C and 1609.6E for wind pressure values)

TRUSS ANCHORS:

At Truss to Exterior Wall and Porch Beam Locations: install one Simpson model H10 anchor for all trusses. If internal bearing walls are required by the truss plan, install one H10 anchor at each bearing point of truss to internal load bearing walls.

WALL STRAP TIES:

At top and bottom of wall install one Simpson model SP6 at each side of each door and window 4' or less in width. At top and bottom of wall for windows and doors larger than 4' in width install two Simpson model SP6's each side of opening. At each side of the garage door openings install 3-SPH6's top and bottom of the wall. All other wall locations install one SP6 top and bottom of the wall 4' on center or install full-height OSB sheathing (extends from bottom plate to top of top plate). At interior load bearing walls as required by the truss plans install one SP4 top and bottom of the wall 32" on center and each side of door openings.

GABLE ENDS:

At gable ends install one Simpson model H5 anchor where lookouts connect to end gable truss.
At gable ends install one Simpson LSTA18 - 4' on center connecting gable end truss to wall framing.

BRACING: At each gable end install one 2x4 SPF 8' stud spaced 6' on center horizontal along top of bottom chord of trusses, nail with 2-12d nails at each truss including end truss. In addition, install a 2x4 brace extending from this stud at the gable end truss 45 degrees to truss at roof sheathing, nail with 2-12d nails where it crosses truss members and at ends. Gable end truss shall be built to receive sheathing with vertical members 2' on center. Vertical members of gable end truss greater than 5' in height shall be stiffened with one 2x4 SPF nailed with 12d nails 8" on center to back of vertical member.

SHEATHING:

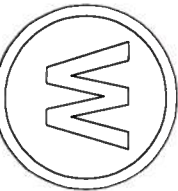
Wall sheathing shall be installed with long dimension vertical on exterior walls and full-depth blocking shall be required at horizontal joints in sheathing.

PORCH COLUMNS:

Install Simpson model ABU44 or ABU46 and Simpson model AC4Max, AC6Max at each column (ACE4Max, ACE6Max may be used for end columns)

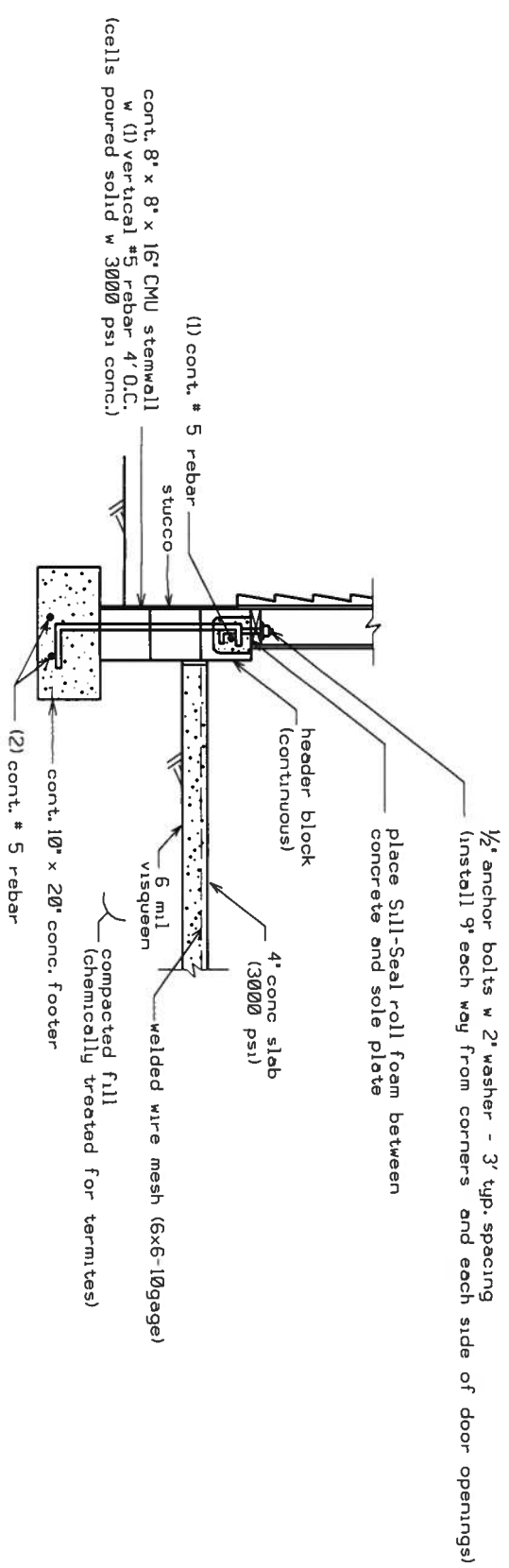
Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.

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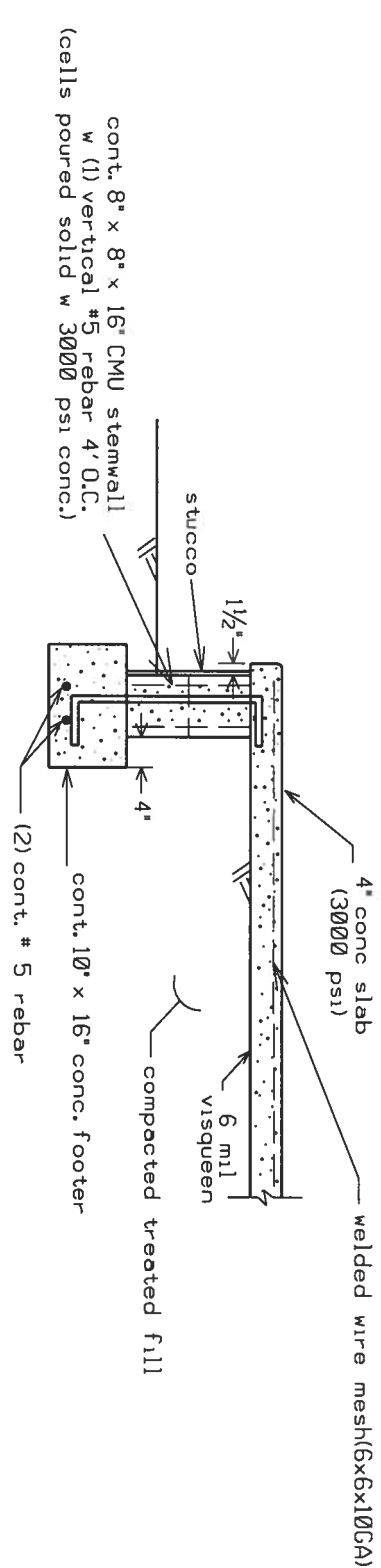


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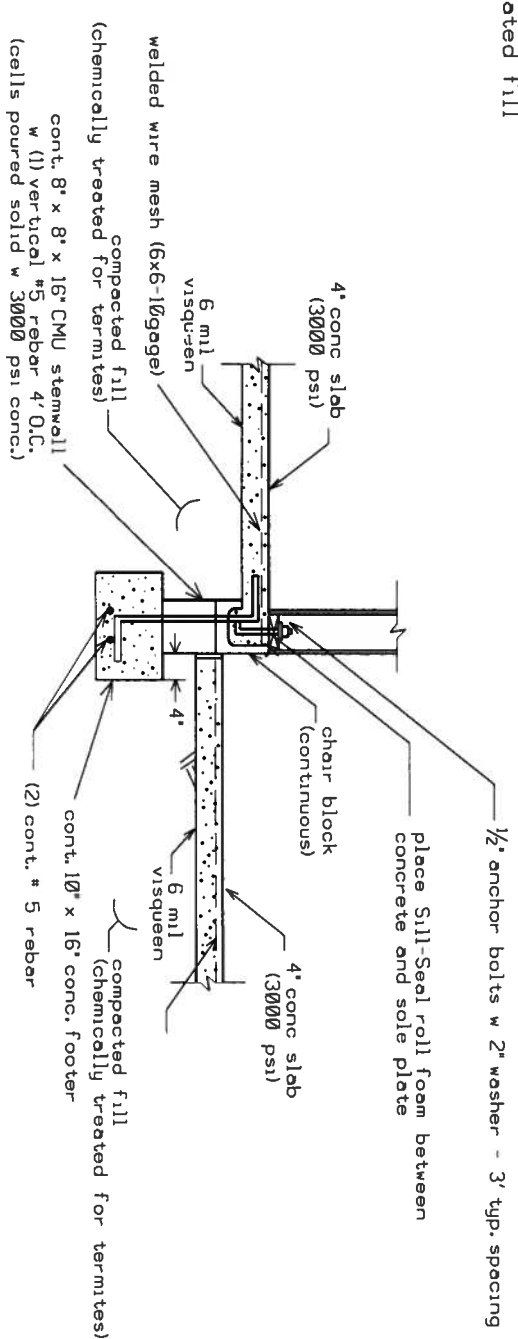
WHITE RESIDENCE
COLUMBIA COUNTY, FLORIDA



DETAIL "C"
GARAGE STEMWALL WITH FLOATING SLAB(N.T.S.)

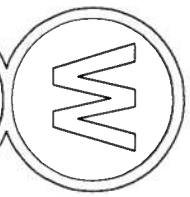


DETAIL B
PORCH FOUNDATION (N.T.S.)



DETAIL "D"
INTERIOR GARAGE STEMWALL WITH FLOATING SLAB(N.T.S.)

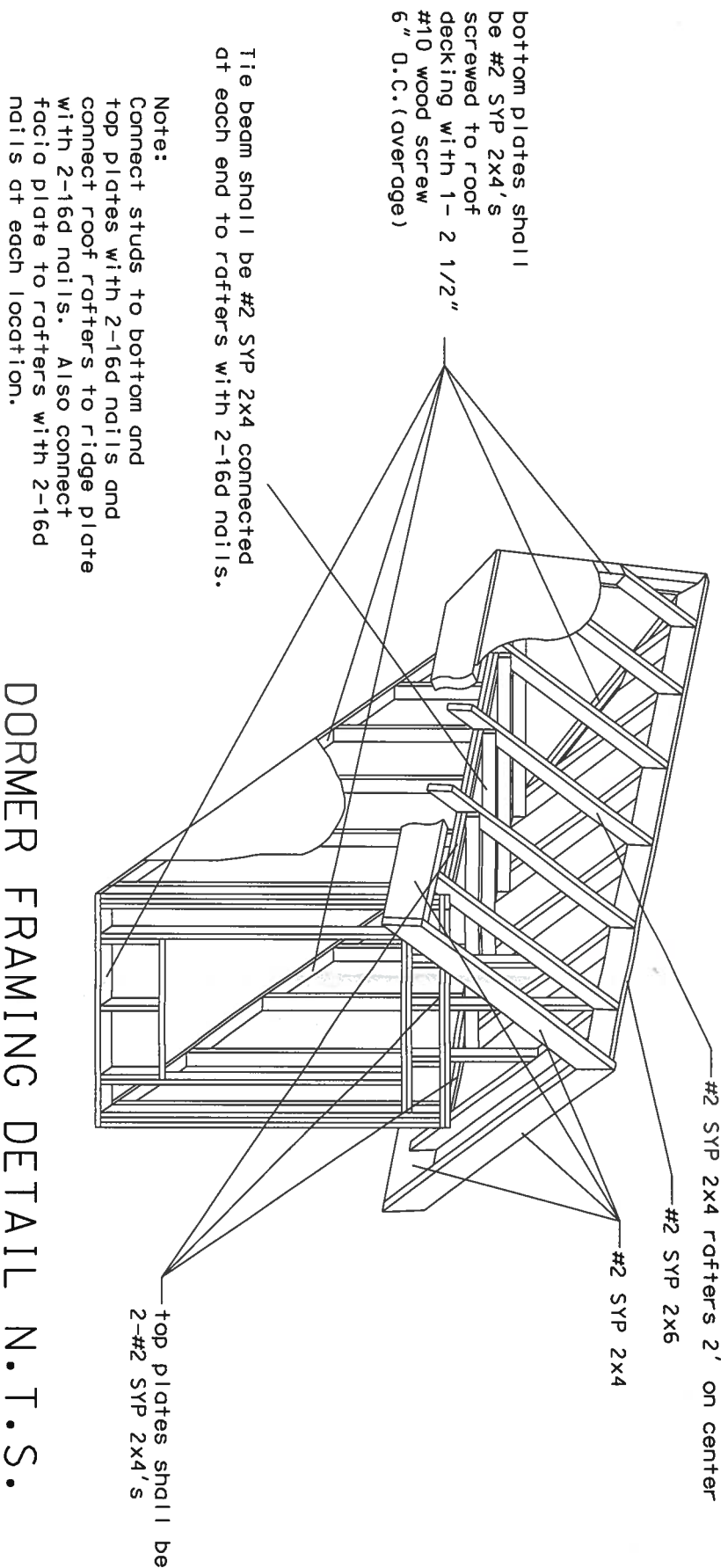
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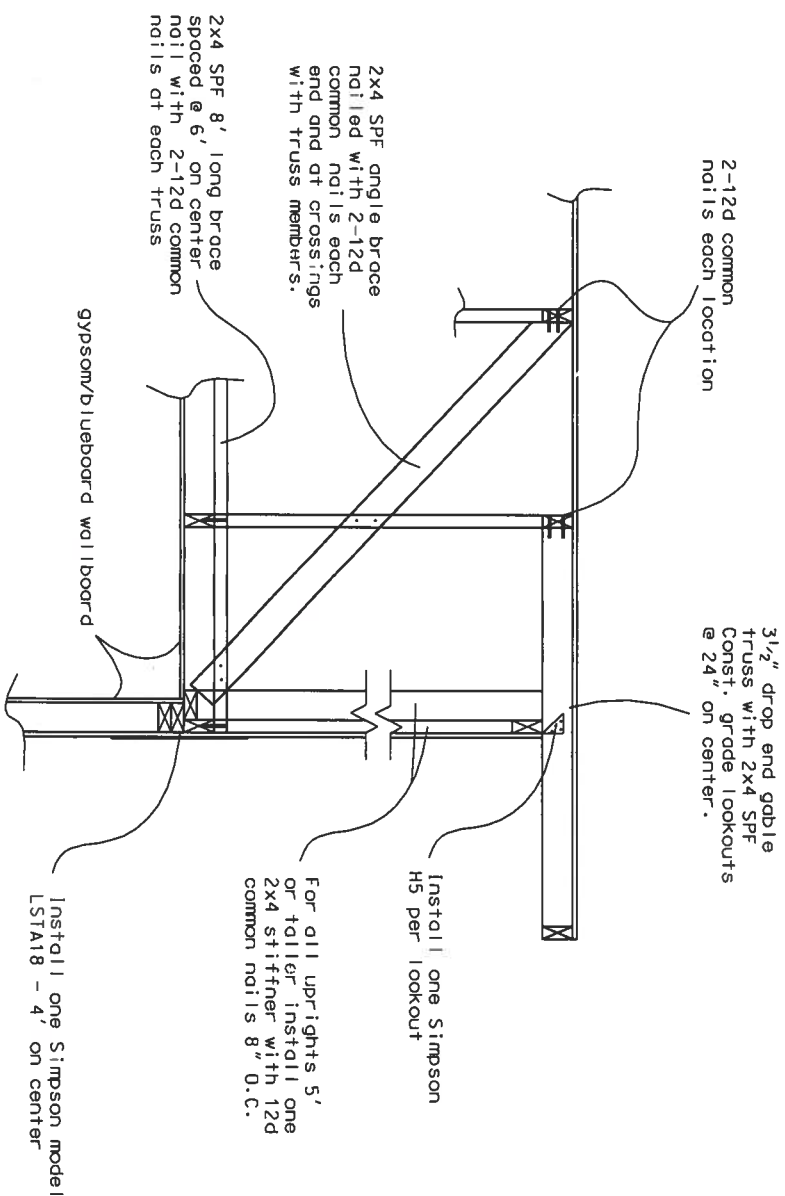
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DORMER FRAMING DETAIL N.T.S.



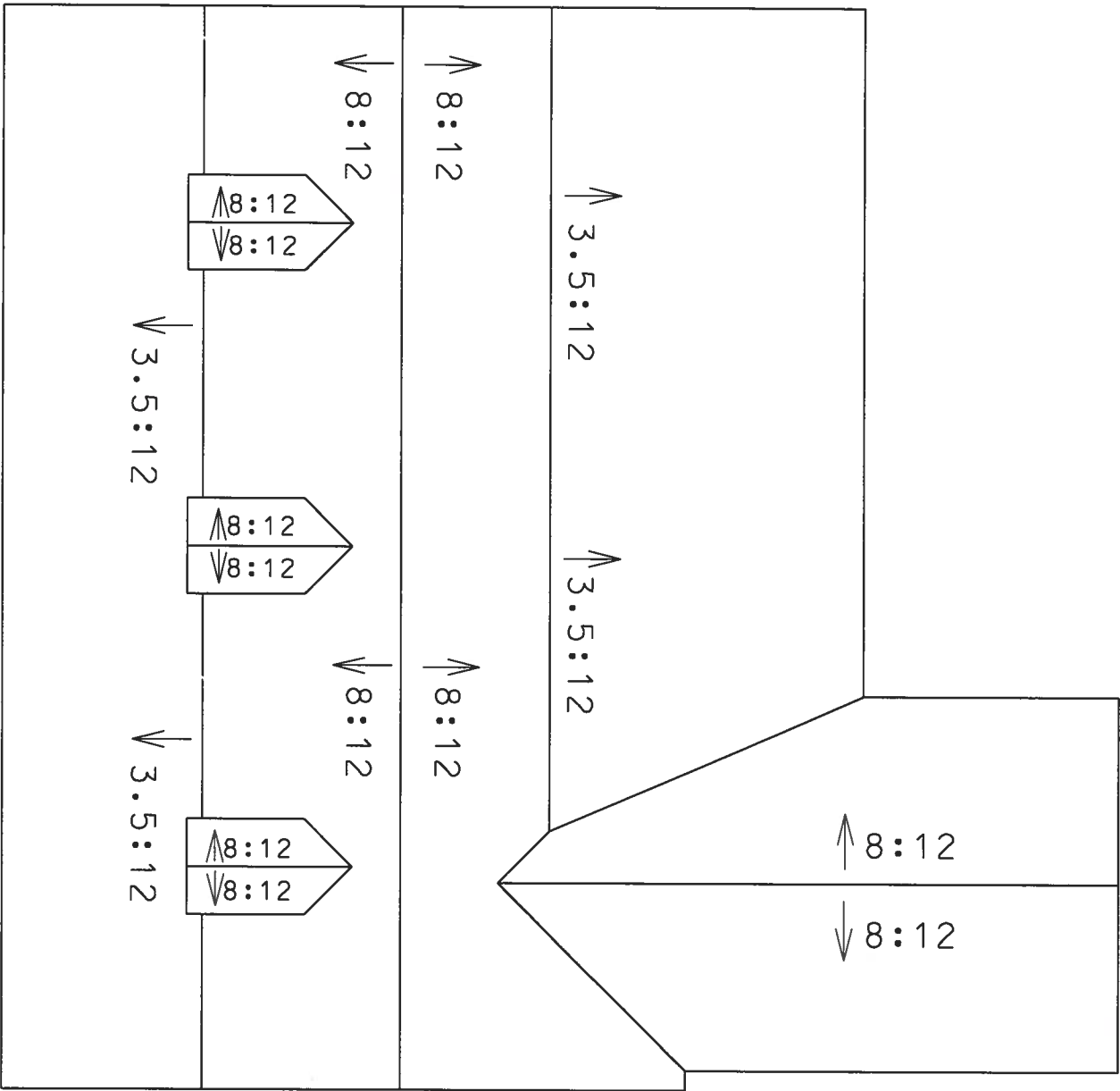
CABLE END BRACING DETAIL (N.T.S.)

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ROOF PLAN

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11-15-06

WINDOWS	
SIZE	QUANTITY
2636	3
3050	12
4020 slider	1
4040 glass blk window	1

EXTERIOR DOORS	
SIZE	QUANTITY
2868	1
3068	1
6068 french dr.	2
16070 garage dr	1

INTERIOR DOORS	
SIZE	QUANTITY
2268	1
2468 glass shwr dr.	1
2868	15
3068 - 4 panel	1
attic access dr.	1

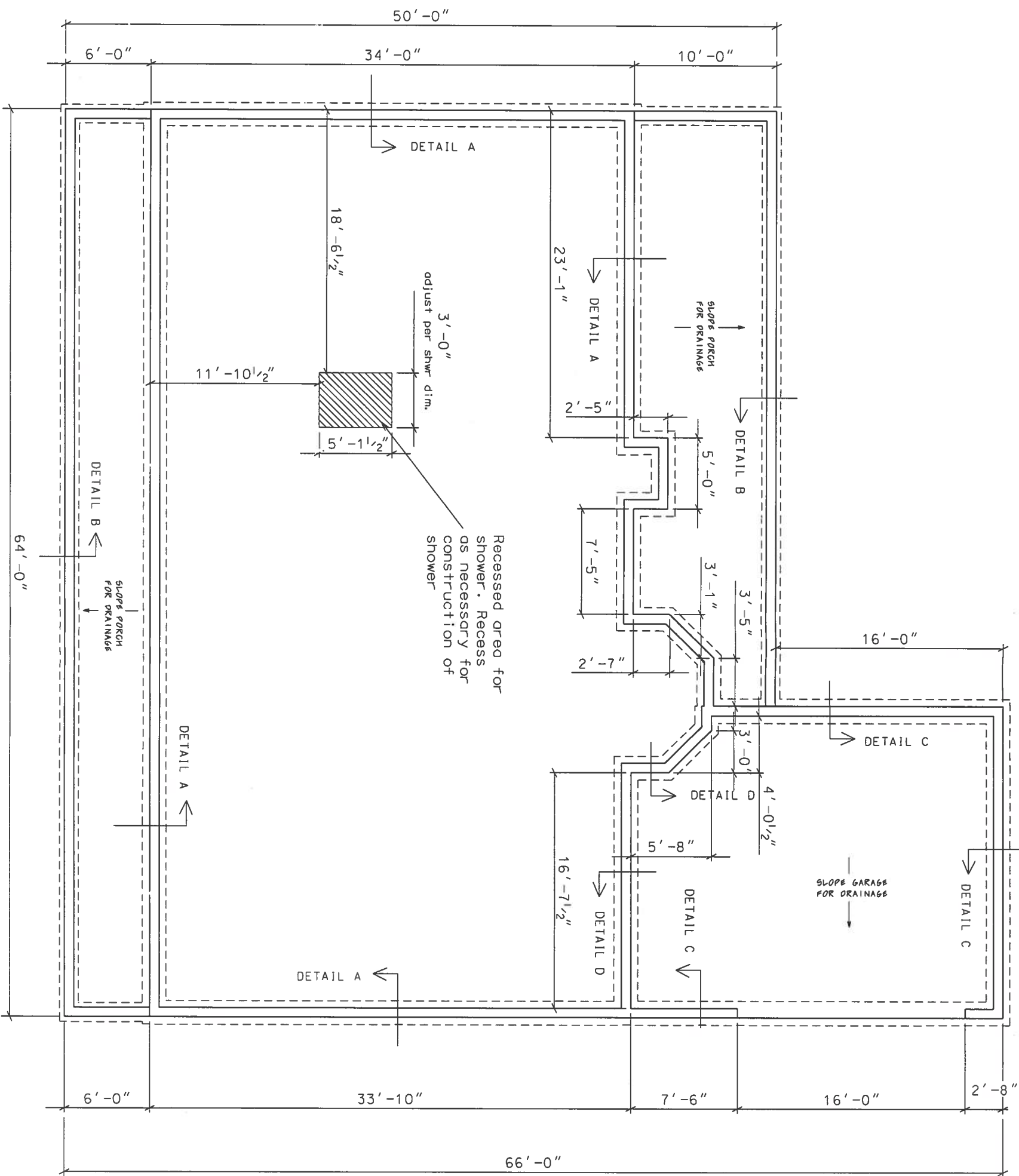
WINDOW AND DOOR SIZES

Rough-in dimensions vary per model/make of window/door. Verify actual rough-in dimensions prior to framing opening.



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FOUNDATION PLAN

0 4' 8'
scale

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














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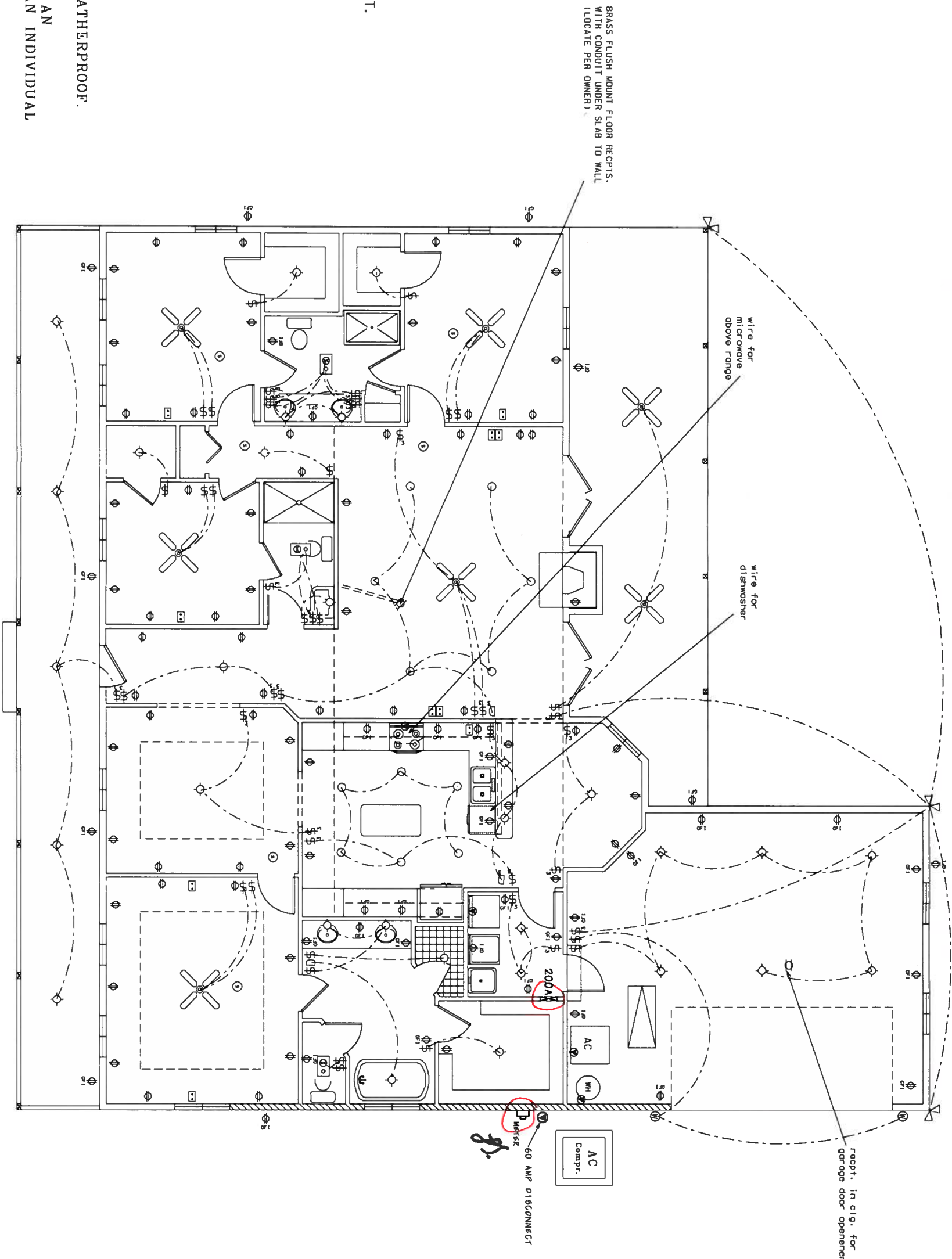
SHEET
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OF
10

ELECTRICAL LEGEND

-  - CEILING FAN w LIGHTS
-  - LIGHT FIXTURE
-  - RECESSED CAN LIGHT FIXTURE
-  - WALL-MOUNTED LIGHT FIXTURE
-  - SINGLE POLE SWITCH
-  - THREE-WAY SWITCH
-  - DIMMER SWITCH
-  - THREE-WAY DIMMER SWITCH
-  - RECEPT.
-  - GFI RECEPT OR PART OF A GFI CIRCUIT.
-  - SECURITY LIGHT
-  - EXHAUST WITH LIGHT
-  - 220 V.
-  - SMOKE DETECTOR (AC/DC and interconnected)
-  - COAX & TELEPHONE

NOTES:

- 1.) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.
- 2.) ALL BEDROOM RECPITS SHALL BE PART OF AN AFCI CIRCUIT. EACH BEDROOM SHALL BE ON AN INDIVIDUAL AFC CIRCUIT.



ELECTRICAL PLAN

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