

DATE02/22/2006

Columbia County Building Permit

PERMIT000024161

This Permit Expires One Year From the Date of Issue

APPLICANTDION TAYLORPHONE288-5087

ADDRESSP.O. BOX 3311LAKE CITYFL32055

OWNERKEITH & REGINA THOMPSONPHONE

ADDRESS121NW CIMARRON WAYLAKE CITYFL32055

CONTRACTORDION TAYLORPHONE288-5087

LOCATION OF PROPERTY41N, TL ON MOORE ROAD, TR ON CIMARRON WAY,FIRST DRIVEON RIGHT

TYPE DEVELOPMENTSFD,UTILITYESTIMATED COST OF CONSTRUCTION63450.00

HEATED FLOOR AREAL269.00TOTAL AREAL1320.00HEIGHTSTORIES1

FOUNDATIONCONCWALLSFRAMEDROOF PITCH5/12FLOORSLAB

LAND USE & ZONINGA-3MAX. HEIGHT8

Minimum Set Back Requirments:STREET-FRONT30.00REAR25.00SIDE25.00

NO. EX.D.U.0FLOOD ZONEAEDVELOPMENT PERMIT NO.06-004

PARCEL ID14-3S-16-02117-205SUBDIVISIONMOORE HAVEN

LOT5BLOCKPHASEUNITTOTAL ACRES

RR28281137

Culvert Permit No.Culvert WaiverContractor's License NumberApplicant/Owner/Contractor

EXISTING06-0053-EBKJHY

Driveway ConnectionSeptic Tank NumberLU & Zoning checked byApproved for IssuanceNew Resident

COMMENTS: ONE FOOT RISE LETTER RECEIVED, NOC ON FILE

ELEVATION CERT. NEEDED BEFORE POWER

Check # or Cash766

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary PowerFoundationMonolithic

date/app. bydate/app. bydate/app. by

Under slab rough-in plumbingSlabSheathing/Nailing

date/app. bydate/app. bydate/app. by

FramingRough-in plumbing above slab and below wood floor

date/app. bydate/app. by

Electrical rough-inHeat & Air DuctPeri. beam (Lintel)

date/app. bydate/app. bydate/app. by

Permanent powerC.O. FinalCulvert

date/app. bydate/app. bydate/app. by

M/H tie downs, blocking, electricity and plumbingPool

date/app. bydate/app. by

ReconnectionPump poleUtility Pole

date/app. bydate/app. bydate/app. by

M/H PoleTravel TrailerRe-roof

date/app. bydate/app. bydate/app. by

BUILDING PERMIT FEE \$320.00CERTIFICATION FEE \$6.60SURCHARGE FEE \$6.60

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

FLOOD DEVELOPMENT FEE \$50.00FLOOD ZONE FEE \$25.00CULVERT FEE \$TOTAL FEE458.20

INSPECTORS OFFICE

CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0601-58 Date Received 1/23 By JW Permit # 24161
 Application Approved by - Zoning Official RLK Date RLK Plans Examiner OK JH Date 2-17-06
 Flood Zone AE Development Permit YES Zoning A-3 Land Use Plan Map Category A-3
 Comments f NOC NEEDED AMENDEN (WATER SHED) Plot shows flood elevation to be 159.5', 1st Floor to be 160.5', Elevation Certificate & 1 ft rise Certificate - letter

Applicants Name Dion Taylor Phone 386-288-5087
 Address P.O. Box 3311, Lake City Fla. 32056
 Owners Name Keith and Regina Thompson Phone _____
 911 Address 121 NW Cimarron way Lake city Fla 32055
 Contractors Name Dion Taylor Construction INC Phone 386-288-5087
 Address P.O. Box 3311 Lake city, Fla. 32056

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address MARK NISASWAG, L.P., 32055Mortgage Lenders Name & Address CASHCircle the correct power company FL Power & Light Clay Elec. Suwannee Valley Elec. Progressive EnergyProperty ID Number 14-35-16-02117-205 Estimated Cost of Construction 90,000Subdivision Name Moose Haven S/D Lot 5 Block _____ Unit _____ Phase _____Driving Directions Take US-41 North to Turn Left onto NW Moose RD. Turn Right onto Cimarron way First Driveway on Right.Type of Construction House - SED Number of Existing Dwellings on Property 0Total Acreage 5 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing DriveActual Distance of Structure from Property Lines - Front 75 Side 30 Side 3092 Rear 100Total Building Height 8 Number of Stories 1 Heated Floor Area 1269 Roof Pitch 5/12
Porch 51 TOTAL 1320

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.

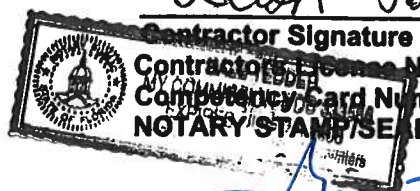
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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.

Dion Taylor
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 23rd day of JANUARY 20 06.
 Personally known ✓ or Produced Identification _____



Notary Signature



STATE OF FLORIDA
 Keith Thompson DEPARTMENT OF HEALTH

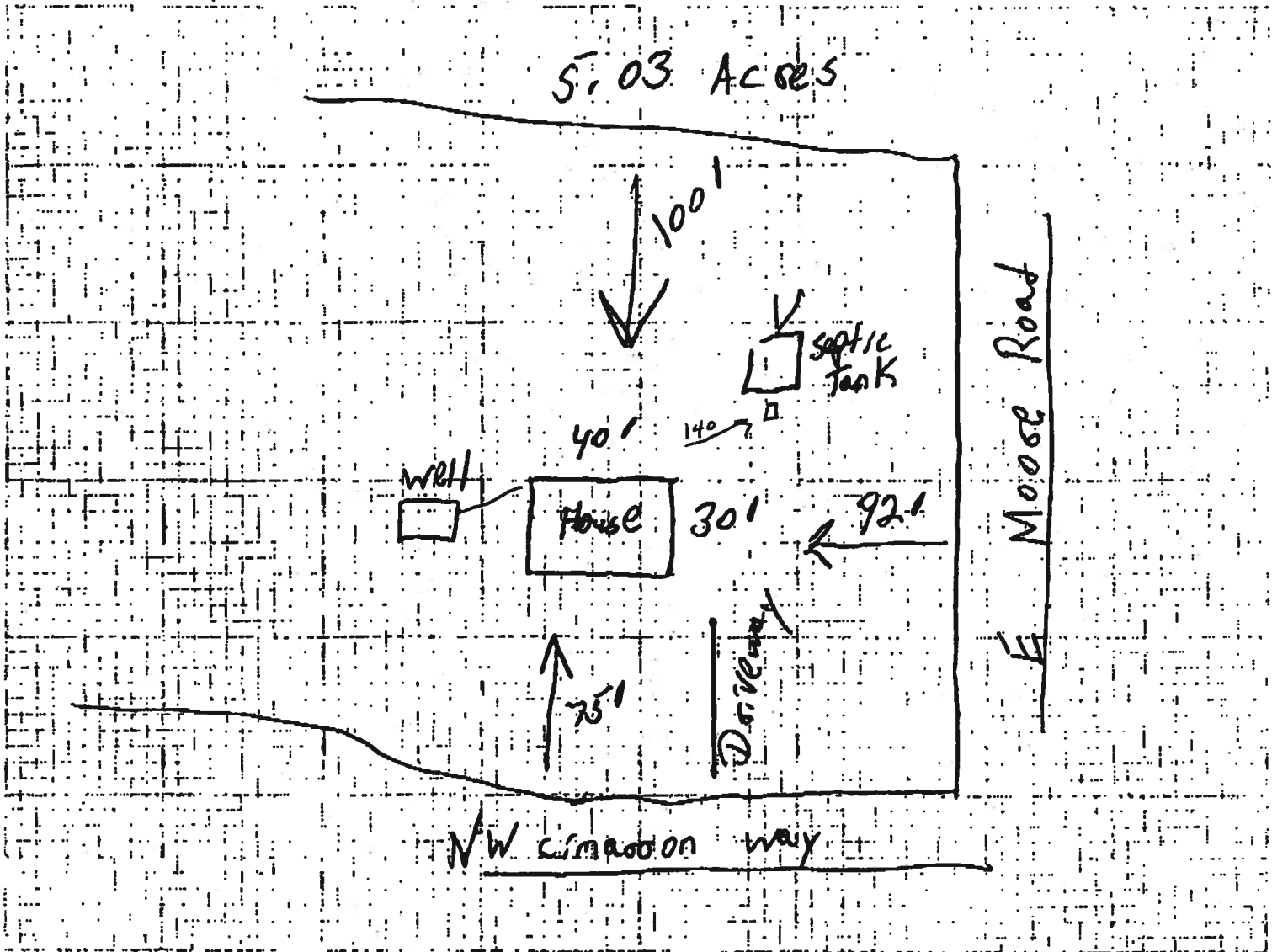
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

06-0053E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

Site Plan submitted by: RC Ford

Signature

1-20-2006

Title

Plan Approved ☒Not Approved ☐

Date 1-31-06

By

Mark S. Jander

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

***** 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 14-33-16-02117-205

PERMIT NUMBER _____

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

Lot 5 Moore Haven 310, ORB 819-553, A15-1745, Life Estate 921-624

2. General description of improvement: House

3. Owner Name & Address Keith and Regina Thompson

Interest in Property _____

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

5. Contractor Name Don Taylor Construction Inc Phone Number 386-288-5087

Address 198 NW Kimble Gln Lake City, FL 32055

6. Surety Holders Name _____ Phone Number _____

Address _____

Amount of Bond _____

7. Lender Name _____ Phone Number _____

Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name Don Taylor Phone Number 386-288-5087

Address 198 NW Kimble Gln Lake City, FL 32055

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.

Keith Thompson FI/DC-TS12-500-52-045-0

B. J. Thompson FI/DC-TS12-131-57-8270
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of Feb - 20, 2006

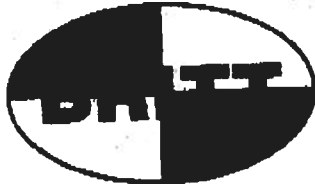
NOTARY STAMP/SEAL



Robin Hart
Commission # DD407558
Expires March 15, 2009
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Signature of Notary

**Land Surveyors
and Mappers**



BRITT SURVEYING

830 West Duval Street • Lake City, FL 32056
Phone (386) 752-7163 • Fax (386) 752-5573

02/14/06

L-17075

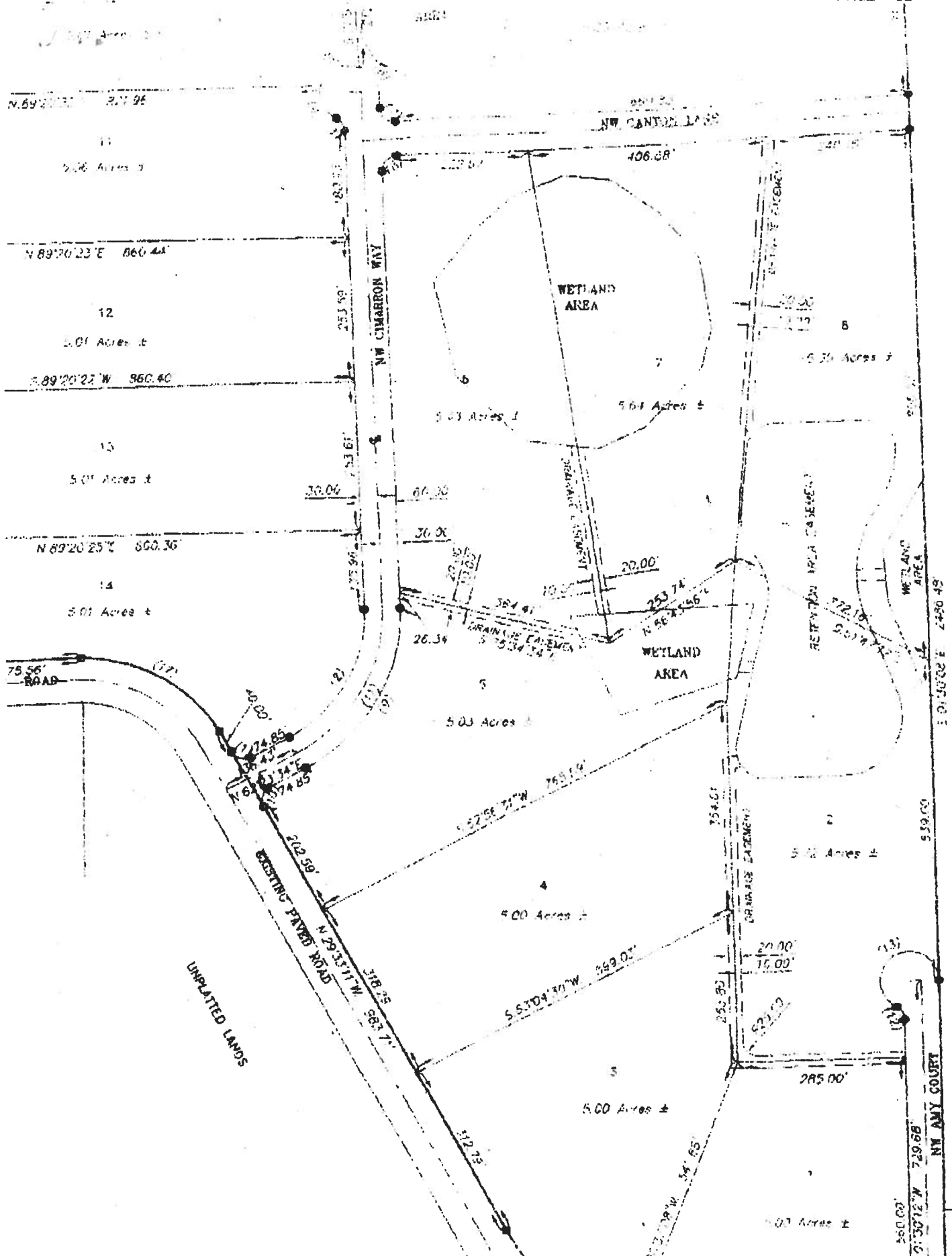
To Whom It May Concern:

C/o: Deon Taylor

Re: Lot 5 of Moore Haven

The elevation of the proposed foundation is found to be 161.20 feet. The 100-year flood elevation shown on the plat of record is 159.50 feet and the finished floor elevation is shown to be 160.50 feet. The centerline of the existing paved road adjacent to this residence is 160.57 feet. The highest adjacent grade is 158.88 feet and the lowest adjacent grade is 158.72 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757





Engineers • Planners

161 N.W. Madison St., Suite 102
Lake City, Florida 32055
Tel: 386-758-4209
Fax: 386-758-4290

2/16/2006

Columbia County Building Department

To whom it may concern,

RE: Permit # 0601-58

I have reviewed the conditions for the referenced property. The property is located in a flood zone (Zone AE). The required floor elevation (160.50') shall be set 1' above the 100 year flood elevation. The 100 year flood elevation is established at 159.50'. The foundation is at elevation 161.20 feet. Please find a copy of the calculations verifying the flood rise to be less than 1'-0". If you have any questions, please call me at (386) 758-4209.

Sincerely,

William Freeman, P.E.
Certificate of Authorization # 00008701

Freeman Design Group, Inc.
 161 NW Madison St., Ste. # 102
 Lake City, FL 32055
 (386) 758-4209

1-ft Rise Flood Certification Calculations		
Project: Dion Taylor		
Double-Wide Mobile Home,		
Footing Area (sf):	1.333 (16" sq. piers)	1.78 sf per pier
No. Piers/Row:	14	
No. Rows:	4	
Rise Ht(ft):	1	
Footing Area (sf):	0.889 (8" x 16" piers)	0.79 sf per pier
No. Piers/Row:	14	
No. Rows:	3	
Rise Ht(ft):	1	
Contributing Area:	5.03 acres	219,106.80 sf
New Ftg Area:		132.699 sf
Net Land Area (contributing minus new):		218,974.10 sf
Pier Area (ftg. Area*No. Piers*Rise):		132.70 cf
Amount of Rise (pier area / land area) x 12:		0.007 in

Base Flood Elevation 159.50 ft
 Min. Finished Floor Elevation 160.50 ft

Willie H. Free

CERT. OF AUTHORIZATION 00008701

2/22/06



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 14-3S-16-02117-205 - MISC RES (000700)

LOT 5 MOORE HAVEN S/D. ORB 819-553, 915-1745, LIFE ESTATE 921-624.

Name:	THOMPSON KEITH & REGINA	LandVal	\$22,500.00
Site:	CIMARRON	BldgVal	\$0.00
Mail:	3172 SW STATE ROAD 14	ApprVal	\$23,060.00
	MADISON, FL 32340	JustVal	\$23,060.00
Sales	4/12/2005 \$43,000.00V / Q	Assd	\$23,060.00
Info	2/21/2001 \$28,000.00V / U	Exmpt	\$0.00
	11/15/2000 \$27,900.00V / Q	Taxable	\$23,060.00

0 0.1 0.2 0.3 mi

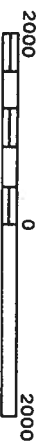


This information, GIS Map Updated: 1/9/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market 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.

-Dion Taylor
288-5087



APPROXIMATE SCALE IN FEET



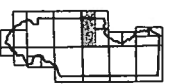
NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 125 OF 290

PANEL LOCATION



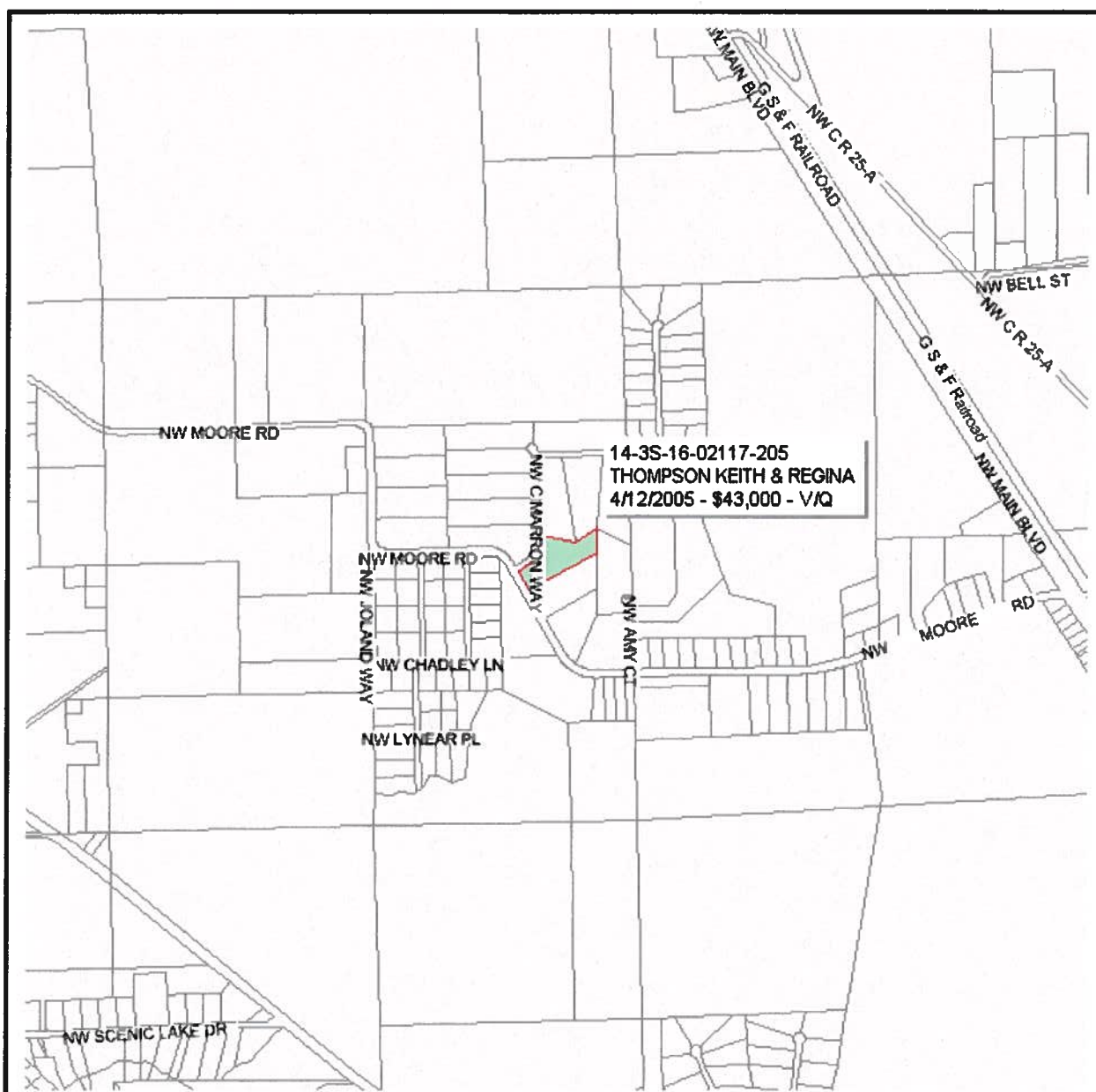
COMMUNITY-PANEL NUMBER
120070 0125 B

EFFECTIVE DATE:
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifm.



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 14-3S-16-02117-205 - MISC RES (000700)

LOT 5 MOORE HAVEN S/D. ORB 819-553, 915-1745, LIFE ESTATE 921-624,

Name:	THOMPSON KEITH & REGINA	LandVal	\$22,500.00
Site:	CIMARRON	BldgVal	\$0.00
Mail:	3172 SW STATE ROAD 14	ApprVal	\$23,060.00
	MADISON, FL 32340	JustVal	\$23,060.00
Sales	4/12/2005 \$43,000.00V / Q	Assd	\$23,060.00
Info	2/21/2001 \$28,000.00V / U	Exmpt	\$0.00
	11/15/2000 \$27,900.00V / Q	Taxable	\$23,060.00

0 0.1 0.2 0.3 mi



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THE PURPOSE OF ACCOMMODATING OVERHEAD, SURFACE, AND UNDERGROUND UTILITIES AND DRAINAGE, WHERE AN AREA GREATER THAN ONE LOT IS USED AS A BUILDING SITE, ONLY THE OUTSIDE BOUNDARY OF SAID SITE SHALL BE SUBJECT TO THE LOT LINE EASEMENT. (SEE NOTE # 6)

100 YEAR FLOOD NOTICE:

THE 100 YEAR FLOOD PLAIN AS ESTABLISHED BY DALE C. JOHNS P.E. #45263 IS AS FOLLOWS FOR THE EFFECTED LOTS. THE ELEVATIONS ARE THE 100 YEAR FLOOD PLAIN PER EFFECTED LOT AND THE RECOMMENDED MINIMUM FINISHED FLOOR ELEVATION ON SAID LOT.

LOT #	100 YEAR FLOOD ELEVATION	FINISHED FLOOR ELEVATION
1	NONE	156.50'
2	156.52'	157.52'
3	NONE	NONE
4	NONE	NONE
5	159.50'	160.50'
6	159.50'	160.50'
7	159.50'	160.50'
8	156.52'	157.52'
9	159.30'	160.30'
10	159.30'	160.30'
11	NONE	NONE
12	NONE	NONE
13	159.30'	160.30'
14	159.30'	160.30'

NORTHSIDE ACRES
PLAT BOOK 6 PAGE 149

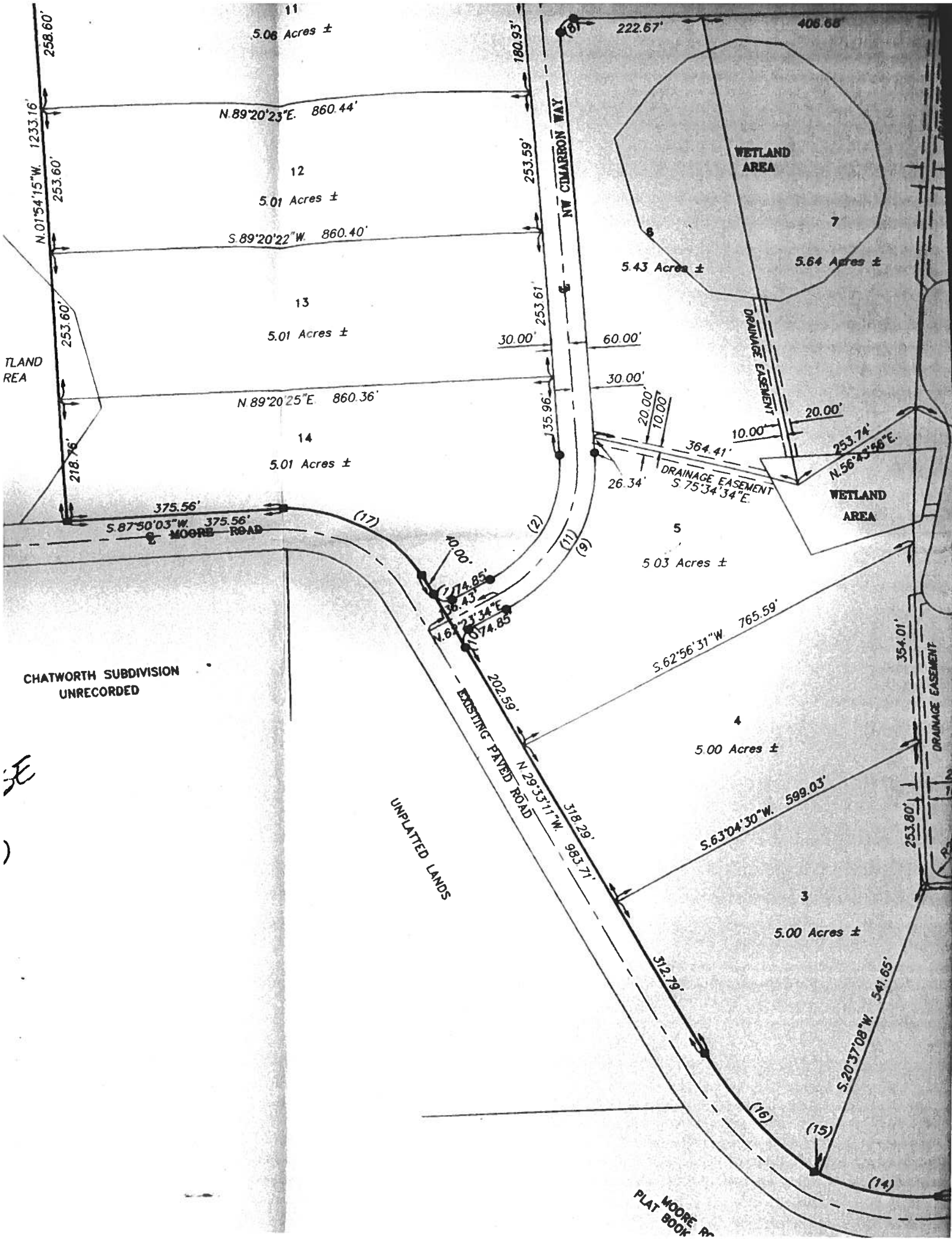


BRITT SURVEYING

LAND SURVEYORS AND MAPPERS

1426 WEST DUVAL STREET
LAKE CITY, FLORIDA 32055

TELEPHONE: (904) 752-7163 FAX: (904) 752-5573 WORK ORDER # L-7388





DEPARTMENT OF HEALTH

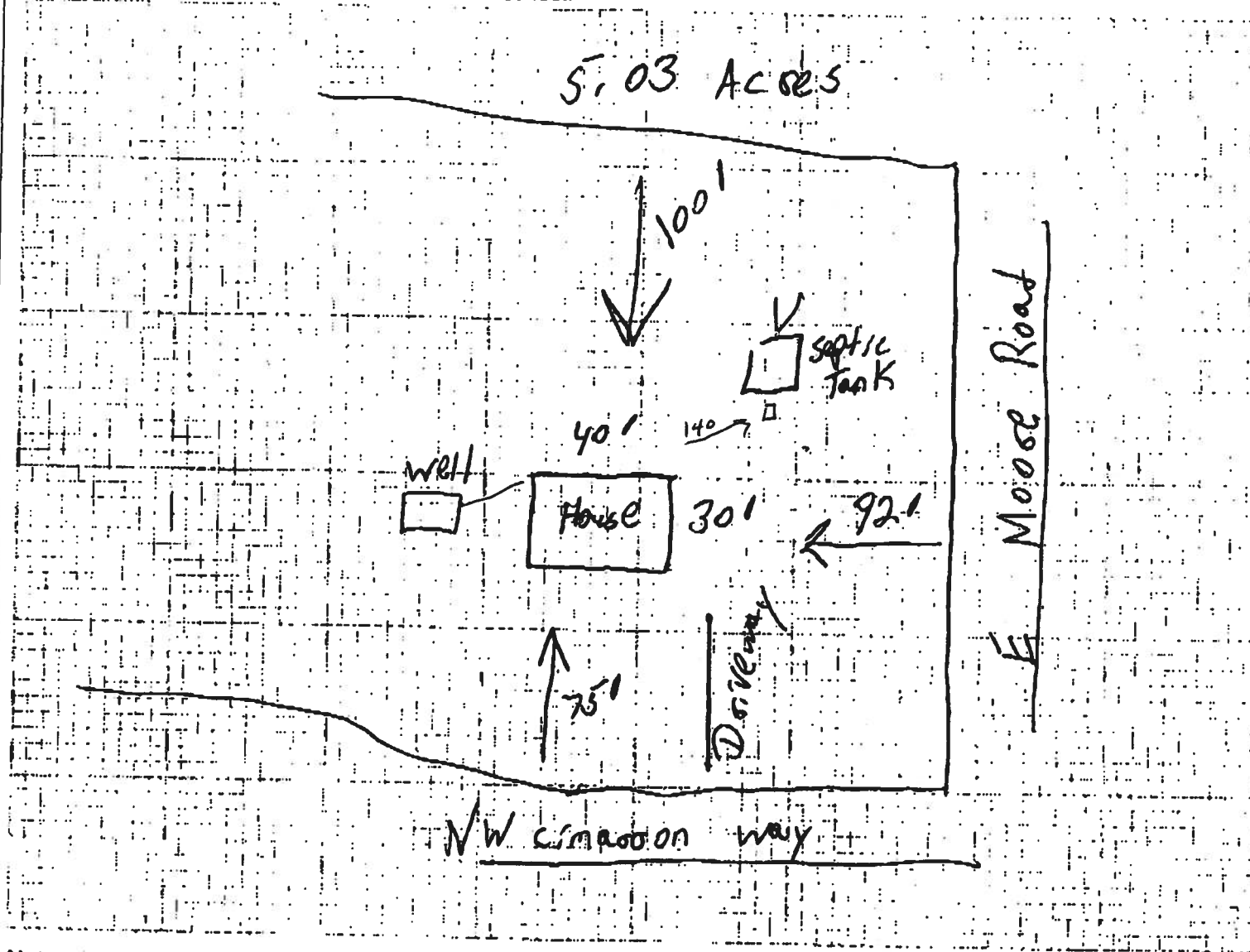
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

060553E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

Site Plan submitted by: RC Ford

Signature

1-20-2006

Title

Plan Approved

Not Approved

Date

By

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

@ CAM112M01	S	CamaUSA Appraisal System	Columbia County
1/23/2006 17:49		Legal Description Maintenance	22500 Land 002 *
Year T Property	* PRIOR YEAR *	Sel	AG 000
2005 R 14-3S-16-02117-205			Bldg 000 *
121 CIMARRON WAY NW			560 Xfea 002
THOMPSON KEITH & REGINA			23060 TOTAL B

1	LOT 5 MOORE HAVEN S/D.	ORB 819-553, 915-1745,	2
3	LIFE ESTATE 921-624,	WD 1043-1575.	4
5			6
7			8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 4/27/2005 KYLIE

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

Compliance with Method B Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600B for single and multifamily residences of 3 stories or less in height, and additions to existing residential buildings. To comply, a building must meet or exceed all of the energy efficiency prescriptives in any one of the prescriptive component packages and comply with the prescriptive measures listed in Table 6B-1 of this form. An alternative method is provided for additions of 600 square feet or less by use of Form 600C. If a building does not comply with this method, it may still comply under other sections in Chapter 6 of the Code.

PROJECT NAME: AND ADDRESS:	Keith Thompson	BUILDER:	
	121 NW Cimarron Way	PERMITTING OFFICE:	Columbia
OWNER:	Keith Thompson	PERMIT NO.:	24161
		CLIMATE ZONE:	1 ☐ 2 ☐ 3 ☒
		JURISDICTION NO.:	221001

GENERAL DIRECTIONS

1. New construction including additions which incorporates any of the following features cannot comply using this method: steel stud walls, single assembly roof/ceiling construction, or skylights or other non-vertical roof glass.
2. Choose one of the component packages "A" through "E" from Table 6B-1 by which you intend to comply with the Code. Circle the column of the package you have chosen.
3. Fill in all the applicable spaces of the "To Be Installed" column on Table 6B-1 with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
4. Complete page 1 based on the "To Be Installed" column information.
5. Read "Minimum Requirements for All Packages", Table 6B-2 and check each box to indicate your intent to comply with all applicable items.
6. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

1. Compliance package chosen (A-F)
2. New construction or addition
3. Single family detached or Multifamily attached
4. If Multifamily—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 :
 - a. Clear glass
 - b. Tint, film or solar screen
9. Percentage of glass to floor area
10. Floor type, area or perimeter, and insulation:
 - a. Slab on grade (R-value)
 - b. Wood, raised (R-value)
 - c. Wood, common (R-value)
 - d. Concrete, raised (R-value)
 - e. Concrete, common (R-value)
11. Wall type, area and insulation:
 - a. Exterior: 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
 - b. Adjacent: 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
12. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-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, L.P. gas, gas h.p., room or PTAC, none)
16. Hot water system:
(Types: elec., nat. gas, L.P. gas, solar, heat rec., ded. heat pump, other, none)

Please Print		CK
1.	NC	
2.	3F	
3.		
4.		
5.	10	
6.	1269	
7.	2 FT	
Single Pane		Double Pane
8a.	9 sq. ft.	99 sq. ft.
8b.	sq. ft.	sq. ft.
9.	12 %	
10a.	R= 0	lin. ft.
10b.	R=	sq. ft.
10c.	R=	sq. ft.
10d.	R=	sq. ft.
10e.	R=	sq. ft.
11a-1	R=	sq. ft.
11a-2	R= 11 1136	sq. ft.
11b-1	R=	sq. ft.
11b-2	R=	sq. ft.
12a.	R= 30	1320 sq. ft.
12b.	R=	sq. ft.
13.	R=	
14a.	Type: Duct Insulation	
14b.	SEER/EER: 13	
14c.	Capacity:	
15a.	Type: HP	
15b.	HSPF/COP/AFUE:	
15c.	Capacity: 2 1/4	
16a.	Type: electric	
16b.	EF: 91	

I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Energy Code.

PREPARED BY: Alison Tafa DATE: 1-19-06

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER AGENT: _____ DATE: _____

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.

BUILDING OFFICIAL: _____

DATE: _____

**Columbia County Building Department
Flood Development Permit**

**Development Permit
F 023- 06-004**

DATE 02/22/2006 BUILDING PERMIT NUMBER 000024161
APPLICANT DION TAYLOR PHONE 288-5087
ADDRESS P.O. BOX 3311 LAKE CITY FL 32055
OWNER KEITH & REGINA THOMPSON PHONE _____
ADDRESS 121 NW CIMARRON WAY LAKE CITY FL 32055
CONTRACTOR DION TAYLOR PHONE 288-5087
ADDRESS P.O. BOX 3311 LAKE CITY FL 32056
SUBDIVISION MOORE HAVEN Lot 5 Block _____ Unit _____ Phase _____
TYPE OF DEVELOPMENT SFD, UTILITY PARCEL ID NO. 14-3S-16-02117-205

FLOOD ZONE AE BY BK 1-6-88 FIRM COMMUNITY #. 120070 - PANEL #. 0125 B
FIRM 100 YEAR ELEVATION 159.5 PLAN INCLUDED YES or NO
REQUIRED LOWEST HABITABLE FLOOR ELEVATION 160.5
IN THE REGULATORY FLOODWAY YES or NO RIVER _____
SURVEYOR / ENGINEER NAME William Freeman LICENSE NUMBER 00008701

☒ ONE FOOT RISE CERTIFICATION INCLUDED

☐ ZERO RISE CERTIFICATION INCLUDED

☐ SRWMD PERMIT NUMBER _____
(INCLUDING THE ONE FOOT RISE CERTIFICATION)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED _____

INSPECTED DATE _____ BY _____

COMMENTS _____

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



PERMIT EXPIRES ONE YEAR FROM THE DATE OF ISSUANCE

24161

Notice of Treatment 012065

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**Address: 536 SE BAYA DR.City Lake City Phone (386) 752-1703

Site Location: Subdivision _____

Lot # 5 Block# _____ Permit # 000024161Address 121 NW Cimarron Way Lake City

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
---------------------	--------------------------	------------------------

☐ Premise	Imidacloprid	0.1%
----------------------------------	--------------	------

☐ Termidor	Fipronil	0.12%
-----------------------------------	----------	-------

☒ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
---	----------------------------------	-------

Type treatment:

☐ Soil☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Exterior Foundation✓

0

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 RDC.03-14-07

Date

9:50

Time

RDC [Signature]

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©

Notice of Treatment 12065

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

Address: BAYA AVE.
City L.C. Phone 752 1703

Site Location: Subdivision _____

Lot # 5 Block# _____ Permit # 24161

Address 121NW Cimarron

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
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☐ Premise	Imidacloprid	0.1%
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☐ Termidor	Fipronil	0.12%
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☒ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
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Type treatment:

☐ Soil

☒ Wood

<u>Area Treated</u>	<u>Square feet</u>	<u>Linear feet</u>	<u>Gallons Applied</u>
<u>Dwelling</u>	<u>1320</u>	<u>454</u>	<u>3</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 _____.

7/5/06
Date

0900
Time

F254
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

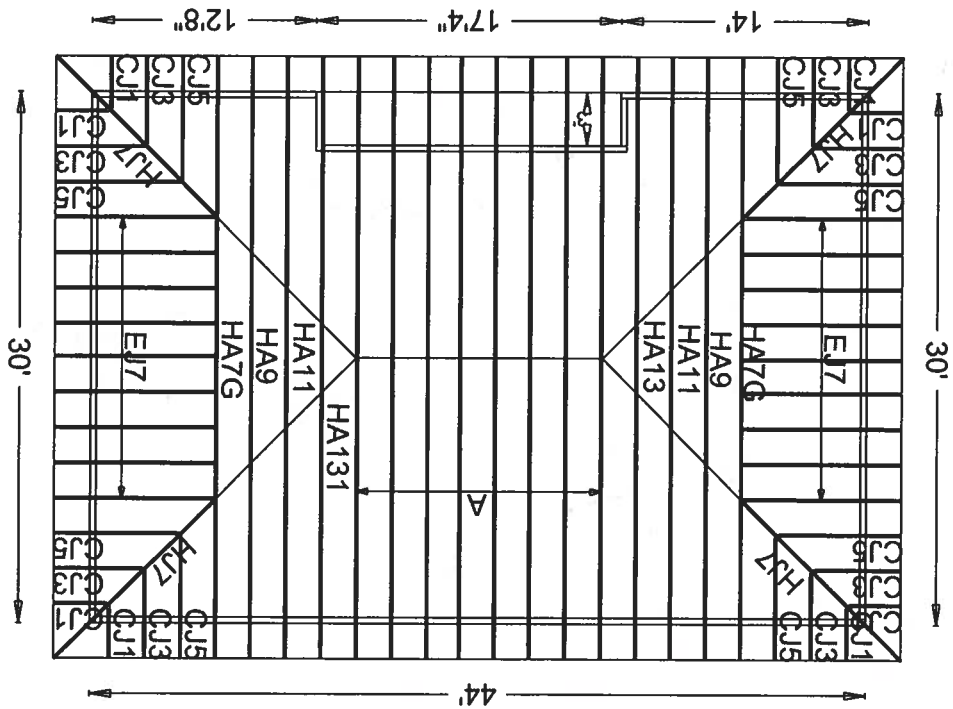
Permit Holder - Pink

10/05



#24161

1/9/06 #6-014 DION TAYLOR THOMPSON



Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x4 SP #1 Dense
Webs 2x4 SP #3
Lt Wedge 2x4 SP #3::Rt Wedge 2x4 SP #3:

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

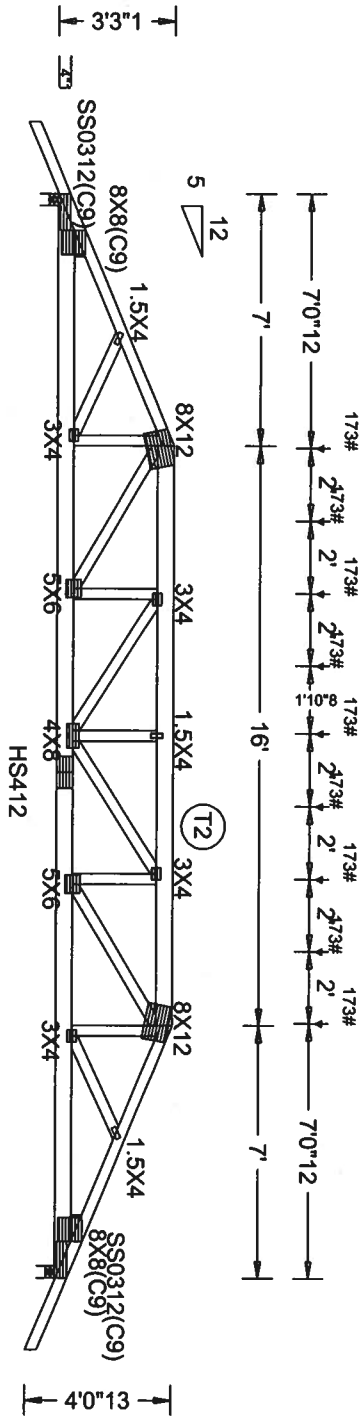
Dead loads are stated on projected horizontal area basis.

Deflection meets L/360 live and L/240 total load, Creep increase factor for dead load is 1.50.

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

SPECIAL LOADS

---(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 2.00 to 60 PLF at 32.00
BC - From 4 PLF at 2.00 to 4 PLF at 32.00
BC - From 20 PLF at 0.00 to 20 PLF at 30.00
BC - From 4 PLF at 30.00 to 4 PLF at 32.00
TC - 173 LB Conc. Load at 7.06, 9.06, 11.06, 13.06, 14.94
16.94, 18.94, 20.94, 22.94
BC - 454 LB Conc. Load at 7.00, 23.00
BC - 70 LB Conc. Load at 9.06, 11.06, 13.06, 14.94, 16.94
18.94, 20.94



Rv=2807 # U=841 # W=4"

Rv=2806 # U=841 # W=4"

TAG = T1
PLT. TYP.-WAVE

FBC/PT2002(STD) Co/RT=1.00(1.25)/0.0

QTY=2 TOTAL=2

REV. 7.22.1122.01

SEO = 22661
SCALE = 0.1875

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC91 1-03 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE ALPINE TRUSS MANUFACTURERS ASSOCIATION, 583 DONOFIO DR., SUITE 200, MADISON, WI 53719 AND WTC4 (WOOD TRUSS COUPLER) PUBLISHED BY THE ALPINE TRUSS MANUFACTURERS ASSOCIATION, 583 DONOFIO DR., SUITE 200, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR, ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY A/E/P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018T6G6 (W/HISK) ASTM A653 GRADE 4090 (W/HISK) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A-Z. ANY DEVIATION OF PLATES FOLLOWED BY IT SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THE TRUSS DESIGNER'S DESIGN SHOWS THE SIGNATURE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TC LL	20.0psf	REF
TC DL	10.0psf	DATE 07-25-2006
BC DL	10.0psf	DRWG
BC LL	0.0psf	
TOT.LD.	40.0psf	O/A LEN. 30
DUR.FAC.	1.25	
SPACING	24.0"	TYPE HIPS

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Dead loads are stated on projected horizontal area basis.



SEQ = 22667
SCALE = 0.1875

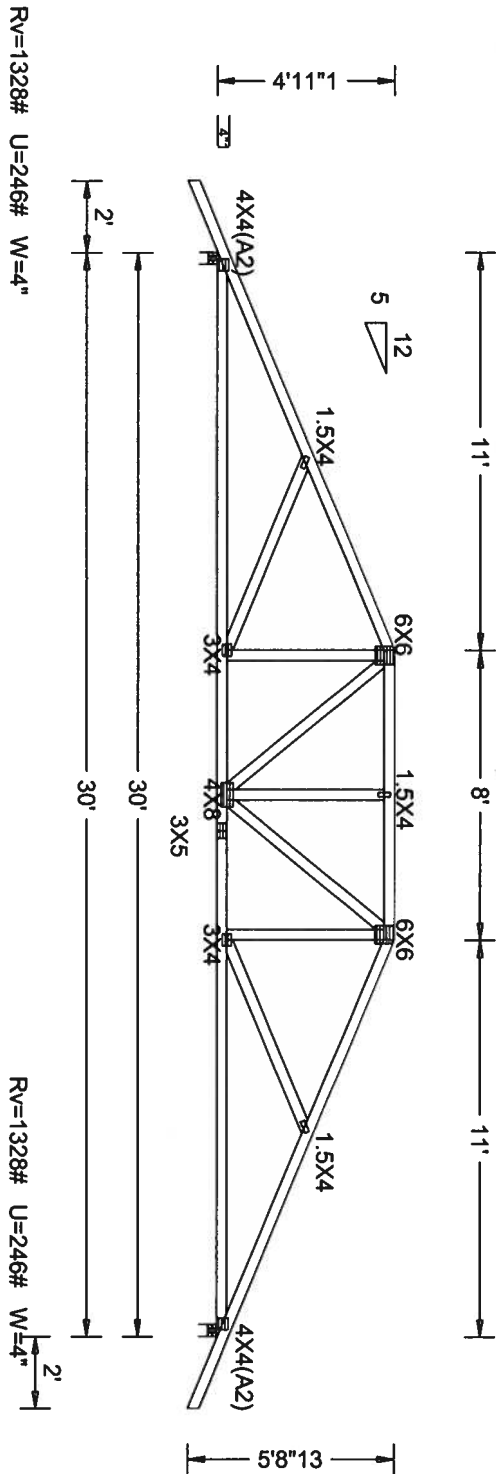
TC LL	20.0psf	REF	
TC DL	10.0psf	DATE	07-25-2006
BC DL	10.0psf	DRWG	
BC LL	0.0psf		
TOT.LD.	40.0psf		
DUR.FAC.	1.25		
SPACING	24.0"	TYPE	HIPS

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Dead loads are stated on projected horizontal area basis.



Rv=1328# U=246# W=4"

Rv=1328# U=246# W=4"

TAG = T3
PLT. TYP. -WAVE

FBC/PP002(STD) C@RT=1.00(1.25)/10.0

QTY= 2 TOTAL= 2

REV. 7.22.1122.01

SEQ = 22668
SCALE = 0.1875

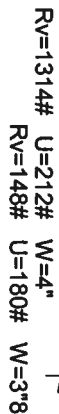
ALL TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO AISC 143 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE STEEL INSTITUTE, 540 MCNORRIS DR., SUITE 200, MADISON, WI 53719, AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 600 ENTERPRISE BLVD., SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR, ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH 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 2017/1864 (W.H.S.) ASTM A653 GRADE 4080 (W.K.H.) S. GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PERMITTED AS OF TPI 1-2002 SEC. 3. A SEAL ON THIS TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SEPARATELY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

REV. 7.22.1122.01		SEQ = 22668 SCALE = 0.1875	
TC LL	20.0psf	REF	
TC DL	10.0psf	DATE	07-25-2006
BC DL	10.0psf	DRWG	
BC LL	0.0psf	O/A LEN.	30
TOT. LD.	40.0psf		
DUR. FAC.	1.25		
SPACING	24.0"	TYPE	HIPS

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Dead loads are stated on projected horizontal area basis.



SEQ = 22708
SCALE = 0.1875

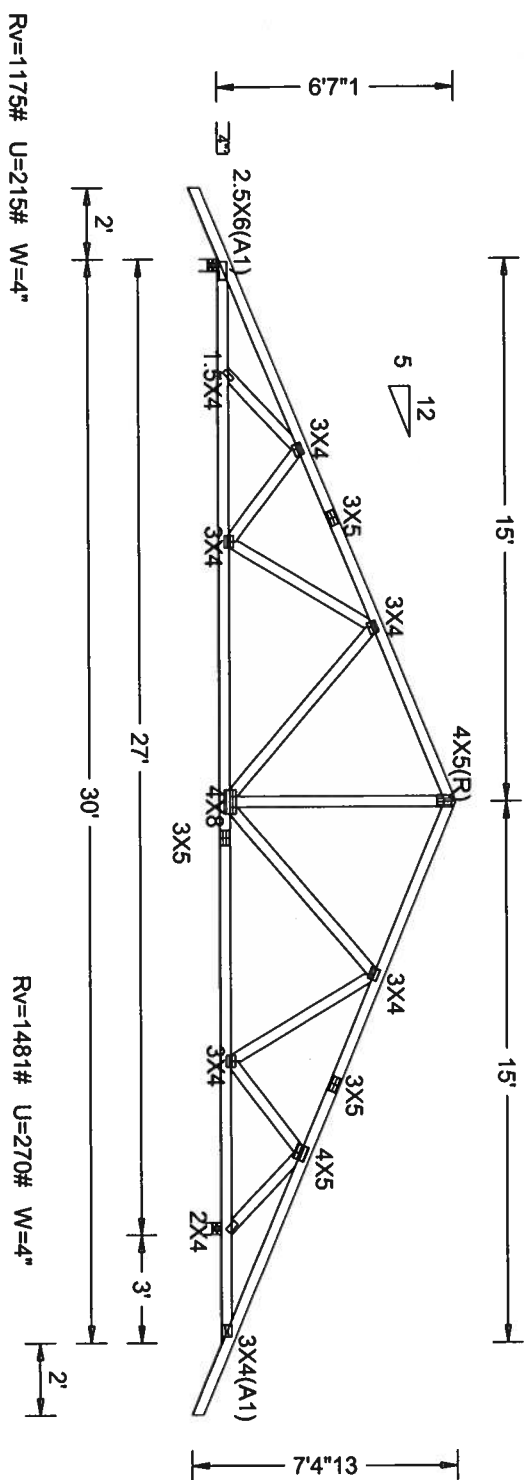
TC LL	20.0psf	REF
TC DL	10.0psf	DATE 07-25-2006
BC DL	10.0psf	DRWG
BC LL	0.0psf	
TOT.LD.	40.0psf	O/A LEN. 30
DUR.FAC.	1.25	
SPACING 24.0"		TYPE HIPS

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Dead loads are stated on projected horizontal area basis.



Rv=1175# U=215# W=4"

Rv=1481# U=270# W=4"

TAG = T5
PLT. TYP. WAVE

FBC/TPR002(STD) CQRT=1.00(1.25)(10.0)

QTY= 8 TOTAL= 8

REV. 7.24.1230.17

SEQ = 118208
SCALE = 0.1875

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS 1-03 (BUILDING COMPONENT SAFETY INFORMATION) FOR PLATE INSTALLATION. SEE DONOR/DI. 1.03 (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.

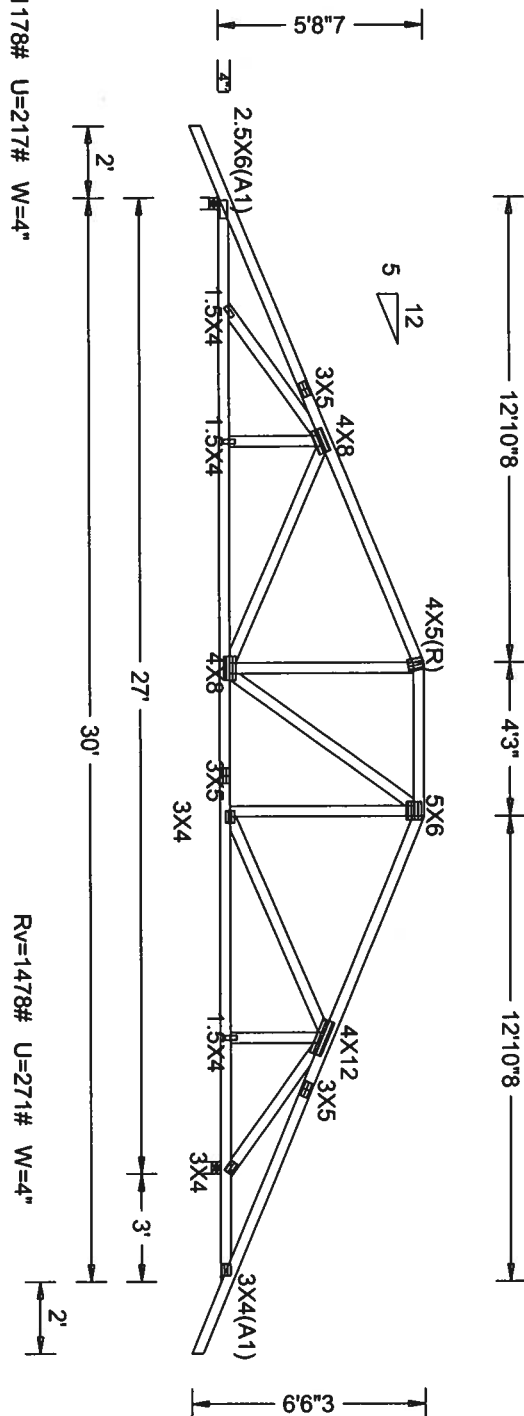
IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/6GA (W/HIS) ASTM A653 GRADE 4090 (W/KH, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A5 OF TPI 1-202 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/TPI 1 SEC. 2.

REV. 7.24.1230.17		SEQ = 118208 SCALE = 0.1875	
TC LL	20.0psf	REF	
TC DL	10.0psf	DATE	07-25-2006
BC DL	10.0psf	DRWG	
BC LL	0.0psf	O/A LEN.	30
TOT. LD.	40.0psf		
DUR. FAC.	1.25		
SPACING	24.0"	TYPE	COMN

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

Deflection meets L760 live and L740 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.
Dead loads are stated on projected horizontal area basis.



Rv=1178# U=217# W=4"

Rv=1478# U=271# W=4"

TAG = T4
PLT. TYP.-WAVE

FBC/TRP002(STD) CdRT=1.00(1.29)(0.0)

QTY=1 TOTAL=1

REV. 7.24.1230.17

SEQ = 118224
SCALE =0.1875

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SECS 1-60 (BUILDING COMPONENT SAFETY AND ORIENTATION), PUBLISHED BY TPI, U.S. PLATE INSTITUTE, 350 DOWNSIDE BLVD, ST. LOUIS, MO 63103, AND THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 100 N. MICHIGAN, CHICAGO, IL 60611, FOR ADDITIONAL SAFETY AND BRACING REQUIREMENTS. THE 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 AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018T6G4 (W/H/SK) ASTM A633 GRADE 4080 (W/KH/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1.202 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/TPI 1 SEC. 2.

REV. 7.24.1230.17		SEQ = 118224 SCALE =0.1875	
TC LL	20.0psf	REF	
TC DL	10.0psf	DATE	07-25-2006
BC DL	10.0psf	DRWG	
BC LL	0.0psf	O/A LEN.	30
TOT.LD.	40.0psf		
DUR.FAC.	1.25		
SPACING	24.0"	TYPE	HIPS

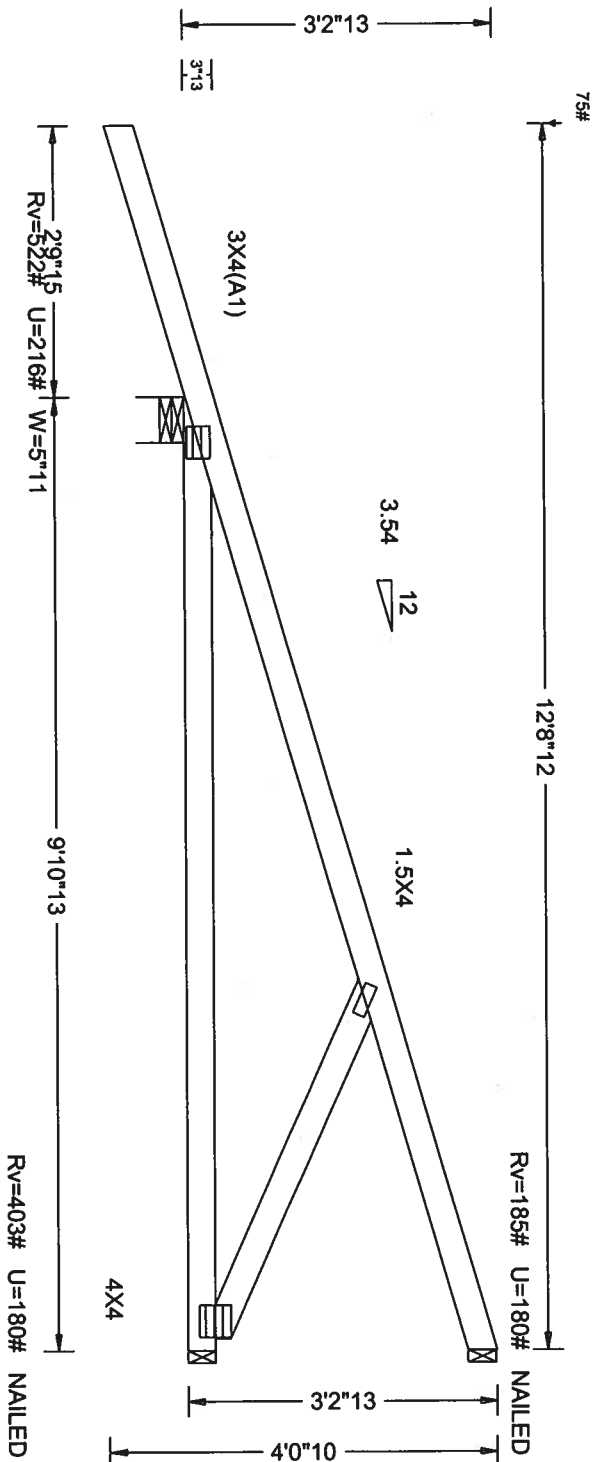
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Hipjack supports 7'-0" setback jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=5.0 psf.

Dead loads are stated on projected horizontal area basis.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



TAG = T15
PLT. TYP.-WAVE

FBC/TPR002(STD) CQRT=1.00(1.25)/10(0)

QTY= 4 TOTAL= 4

REV. 7.22.1122.01

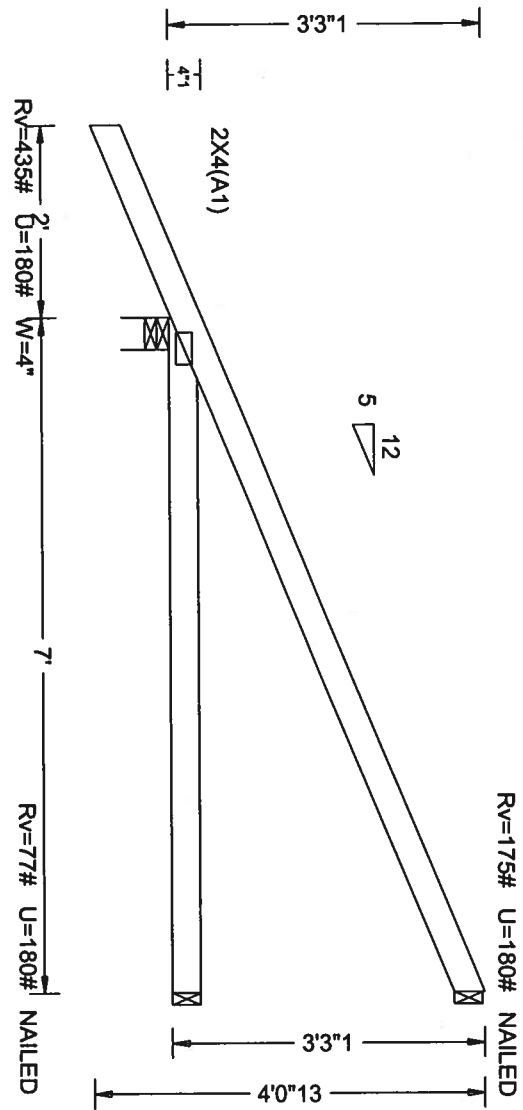
SEQ = 22662
SCALE =0.5000

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS 1-03 (BUILDING COMPONENT SAFETY AND INSTALLATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 383 DONORIO DR., SUITE 200, WILSONVILLE, OR 97154) AND THE NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD, SUITE 100, WILSONVILLE, OR 97154. THESE 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 AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/HSK) ASTM A653 GRADE 4090 (W/KH.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A OF TPI 1-202 SEC. 3. A SEAL ON THIS TRUSS COMPONENT 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.

TC LL	20.0psf	REF	
TC DL	10.0psf	DATE	07-25-2006
BC DL	10.0psf	DRWG	
BC LL	0.0psf	O/A LEN.	91013
TOT.LD.	40.0psf		
DUR.FAC.	1.25		
SPACING	24.0"	TYPE	HIP JACK

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.
Dead loads are stated on projected horizontal area basis.



TAG = T19
PLT. TYP. WAVE

FCB/TPR02(STD) CqRT=1.00(1.25)(0.0)
QTY= 18 TOTAL= 18

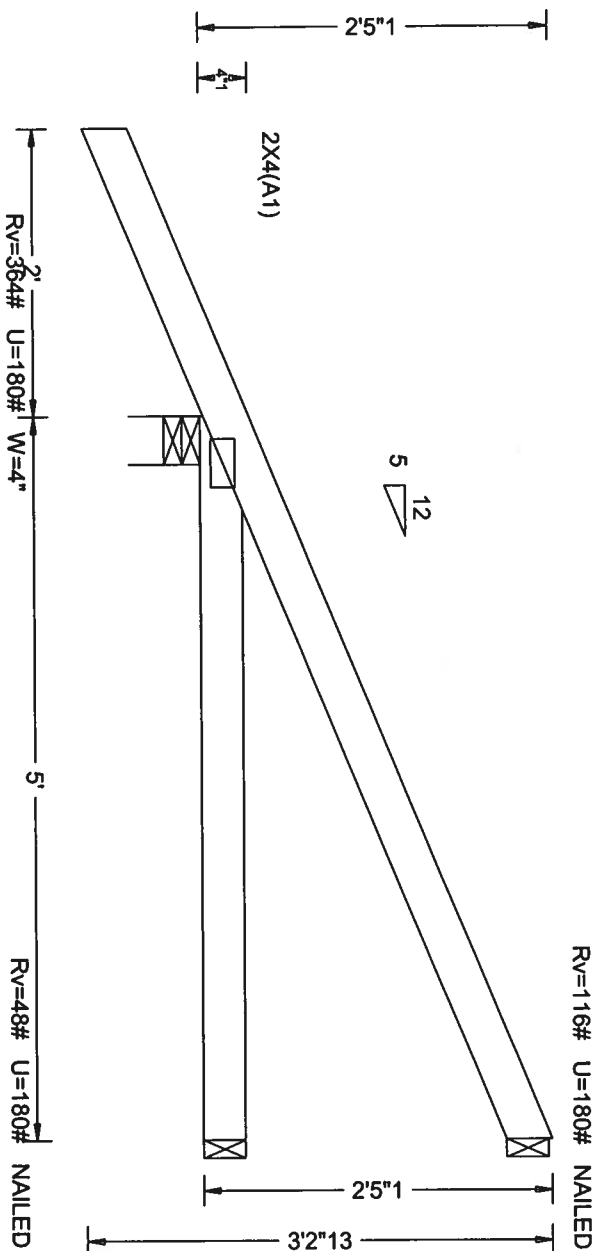
REV. 7.22.1122.01
SEQ. = 22666
SCALE =0.5000

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1-03 (BUILDING COMPONENT SAFETY INFORMATION) AND TRUSS INSTITUTE 363 DONORIO DR., SUITE 200, FORT PRAIRIE, CO 80601 FOR TRUSS COUNCIL OF AMERICA \$300 ENTERPRISE INSURANCE POLICY. ALWAYS PRACTICE 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 AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/HSK) ASTM A653 GRADE 4080 (W/HSK) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS TRUSS COMPONENT 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.

TC LL	20.0psf	REF	
TC DL	10.0psf	DATE	07-25-2006
BC DL	10.0psf	DRWG	
BC LL	0.0psf		
TOT.LD.	40.0psf	O/A LEN.	7
DUR.FAC.	1.25		
SPACING	24.0"	TYPE	EJACK

110 mph wind, 15,000 ft mean hgt, ASCE 7-98, 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.

Dead loads are stated on projected horizontal area basis



QTY=8 TOTAL=8

SEQ = 22663
SCALE = 0.7500

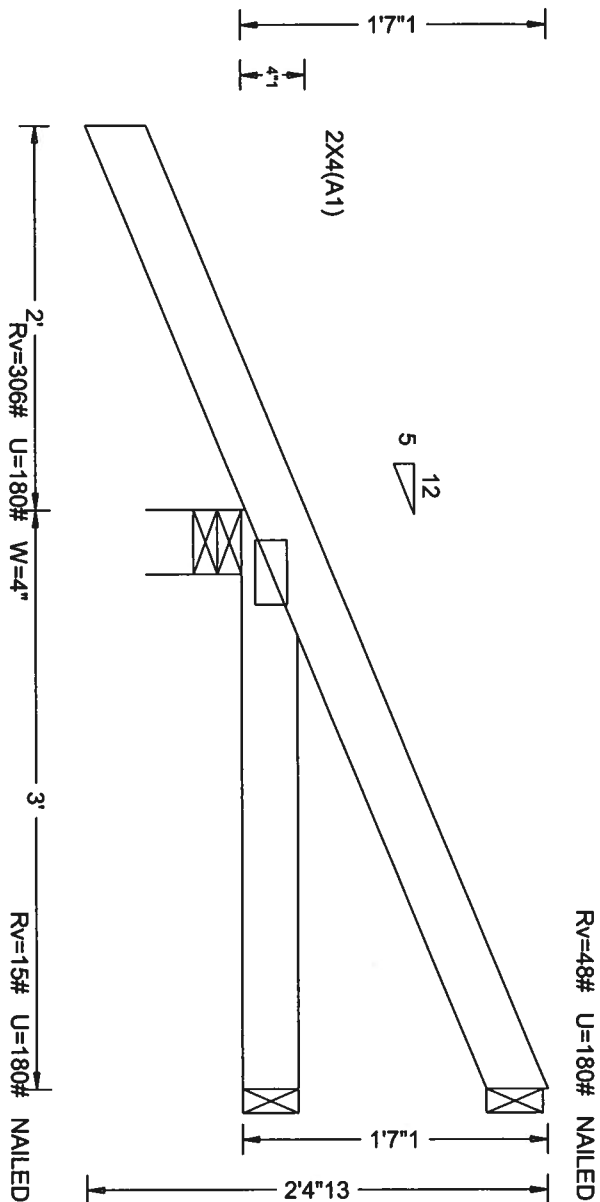
THE TRUSS REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFERENCE TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 MONROE DR., SUITE 200, MADISON, WI, 53718) AND WYCA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53718) 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 ASEA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018T6624 (W/H)K1 ASTM A575 GRADE 4080 (W/H)S1 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PLATE DRAWINGS 1904-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TC LL	20.0psf	REF
TC DL	10.0psf	DATE 07-25-2006
BC DL	10.0psf	DRWG
BC LL	0.0psf	
TOT.LD.	40.0psf	O/A LEN. 5
DUR.FAC.	1.25	
SPACING 24.0"		TYPE JACK

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Dead loads are stated on projected horizontal area basis.



SEQ = 22664
SCALE =1.0000

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DONORIO DR., SUITE 200, MADISON, WI, 53719) AND WYCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DESIGNATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMANCE WITH TPI OR PROVISIONS OF NDS NATIONAL DESIGN SPEC. BY A/E/DA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2X18/1854 (IN HSK) ASTM A563 GRADE 4080 (W/KH SI) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, FOLLOW PER DRAWINGS 1904-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANNEXIT 1 SEC. 2

TC LL	20.0psf	REF
TC DL	10.0psf	DATE 07-25-2006
BC DL	10.0psf	DRWG
BC LL	0.0psf	
TOT.LD.	40.0psf	O/A LEN. 3
DUR.FAC.	1.25	
SPACING 24.0"		TYPE JACK



24161

Land Surveyors
and Mappers

BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

02/14/06

L-17075

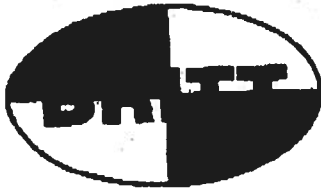
To Whom It May Concern:

C/o: Deon Taylor

Re: Lot 5 of Moore Haven

The elevation of the proposed foundation is found to be 161.20 feet. The 100-year flood elevation shown on the plat of record is 159.50 feet and the finished floor elevation is shown to be 160.50 feet. The centerline of the existing paved road adjacent to this residence is 160.57 feet. The highest adjacent grade is 158.88 feet and the lowest adjacent grade is 158.72 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757



Land Surveyors
and Mappers

BRITT SURVEYING

830 West Duval Street • Lake City, FL 32056
Phone (386) 752-7163 • Fax (386) 752-5573

02/14/06

L-17075

To Whom It May Concern:

C/o: Deon Taylor

Re: Lot 5 of Moore Haven

The elevation of the proposed foundation is found to be 161.20 feet. The 100-year flood elevation shown on the plat of record is 159.50 feet and the finished floor elevation is shown to be 160.50 feet. The centerline of the existing paved road adjacent to this residence is 160.57 feet. The highest adjacent grade is 158.88 feet and the lowest adjacent grade is 158.72 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757

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:1STQ487-Z0310145056

Truss Fabricator: Anderson Truss Company
Job Identification: 6-014-DION TAYLOR - THOMPSON
Truss Count: 10
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.22.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -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. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

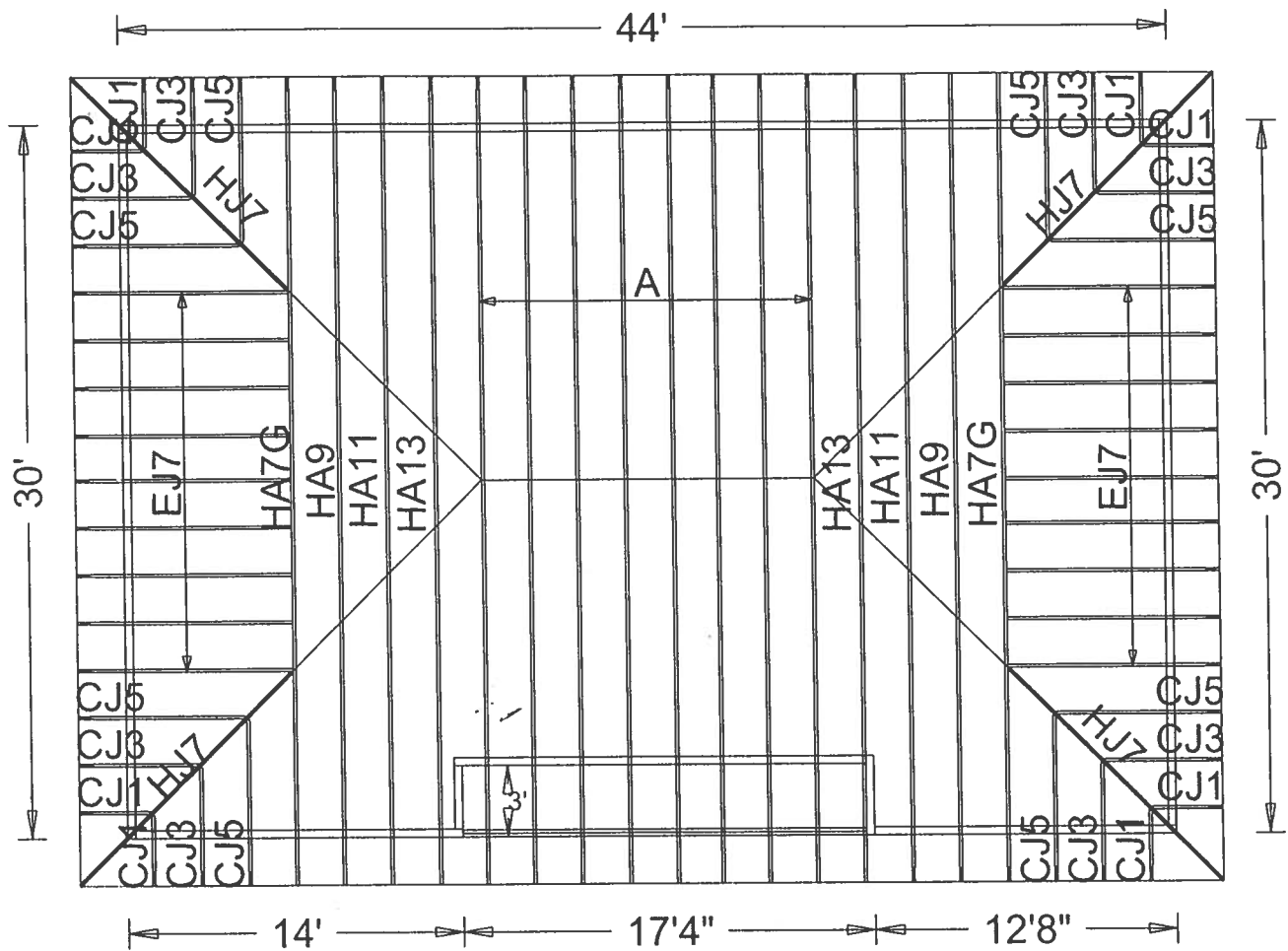
Details: MAX DEAD LOAD

#	Ref	Description	Drawing#	Date
1	91131--HA7G		06010007	01/10/06
2	91132--HA9		06010013	01/10/06
3	91133--HA11		06010014	01/10/06
4	91134--HA13		06010016	01/10/06
5	91135--A		06010015	01/10/06
6	91136--HJ7		06010008	01/10/06
7	91137--EJ7		06010012	01/10/06
8	91138--CJ5		06010009	01/10/06
9	91139--CJ3		06010010	01/10/06
10	91140--CJ1		06010011	01/10/06

Seal Date: 01/10/2006

-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844





1/9/06

#6-014 DION TAYLOR THOMPSON

Scale: 1/8" = 1'

288-5087

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

SPECIAL LOADS

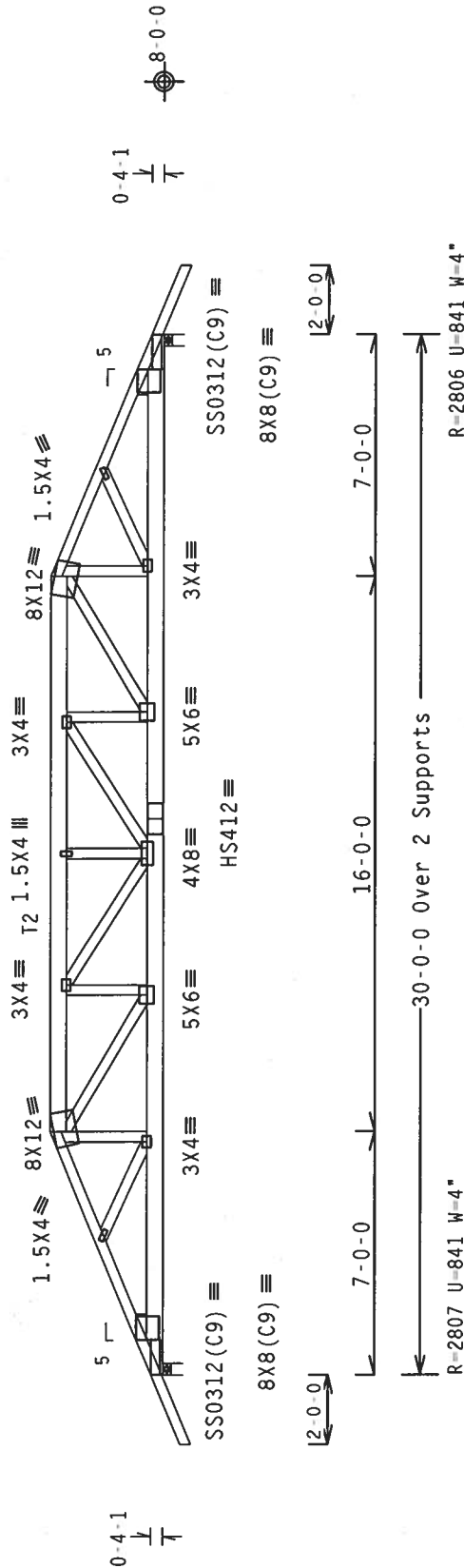
--- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

IC	- From	60 PLF at -2.00	to	60 PLF at 32.00
BC	- From	4 PLF at -2.00	to	4 PLF at 0.00
BC	- From	20 PLF at 0.00	to	20 PLF at 30.00
BC	- From	4 PLF at 30.00	to	4 PLF at 32.00
IC	- 173 LB Conc.	Load at 7.06,	9.06, 11.06,	13.06, 14.94
BC	- 18.94,	18.94,	20.94,	22.94
BC	- 454 LB Conc.	Load at 7.00,	23.00	
BC	- 70 LB Conc.	Load at 9.06,	11.06,	13.06, 14.94, 16.94
		18.94,	20.94	

10 mph wind, 15.00 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind CDL=5.0 psf.

Dead loads are stated on projected horizontal area basis.

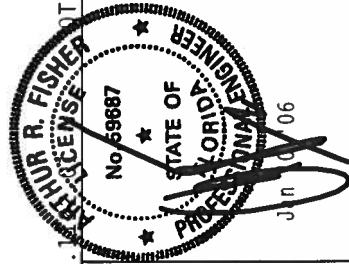
reflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



LT TYP. 20 Gauge HS, 18 Gauge HS, Design Crit: TPI-2002(STD)/FBC
Wave Ca/RT=1.00(1.25)

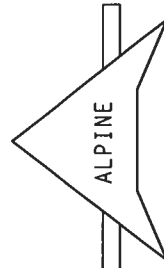
Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R487-- 91131
TC DL	10.0	PSF	DATE 01/10/06
BC DL	10.0	PSF	DRW HCURS487 06010007
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	40.0	PSF	SEQN- 22661
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1STQ487_Z03



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. 1-03 (BUILDING CODES, SAFETY INFORMATION), PUBLISHED BY IPTI (TRUSS PANEL INSTITUTE, 583 RIVERVIEW, ST. LOUIS, MO 63117) AND DESIG. 1-04 (WOOD JOINTS, CONNECTIONS, BRACING), PUBLISHED BY THE NATIONAL WOOD JOINT AND CONNECTION INSTITUTE, 1000 N. MADISON, WILKINSON, WY 83091 FOR ADDITIONAL INFORMATION. THESE CONNECTIONS AND BRACING REQUIREMENTS INDICATED IN 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. ALPINE ENGINEERS & PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TRUSSES SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS SHALL BE DESIGNED TO MEET THE FOLLOWING REQUIREMENTS: ALL TRUSS COMPONENT PLATES ARE MADE OF 20/18/16GA. W/ 70% YIELD STRENGTH 40760.0 N / CM² (59 KSI) STEEL. ALL PLATES TO EACH FACE OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002, SECTION 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT PLATES. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 11.1 SEC. 2.



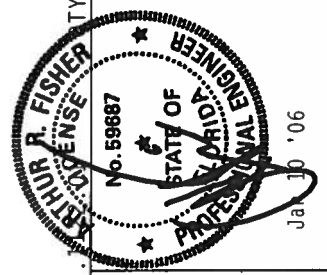
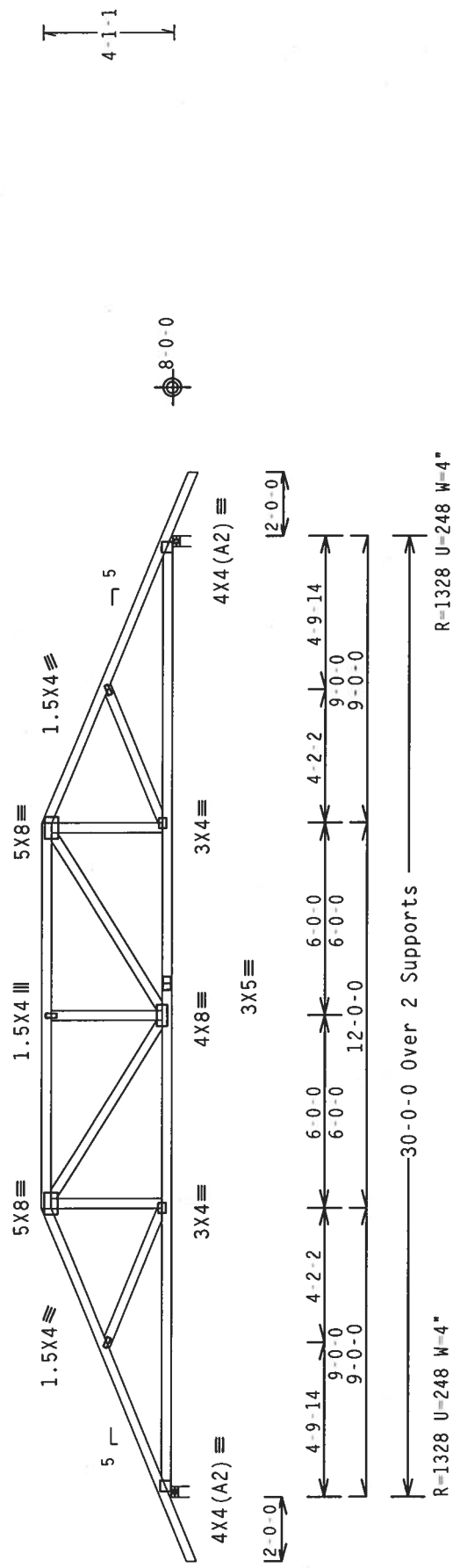
Upline Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # S67

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Dead loads are stated on projected horizontal area basis.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/10(0) 7.22

LT TYP. Wave	TY:2	FL/-4/-/-R/-	Scale = .1875"/Ft.
R-1328 U-248 W=4"			TC LL 20.0 PSF
R-1328 U-248 W=4"			TC DL 10.0 PSF
R-1328 U-248 W=4"			BC DL 10.0 PSF
R-1328 U-248 W=4"			BC LL 0.0 PSF
R-1328 U-248 W=4"			TOT.LD. 40.0 PSF
R-1328 U-248 W=4"			DUR.FAC. 1.25
R-1328 U-248 W=4"			SPACING 24.0"
R-1328 U-248 W=4"			REF R487-- 91132
R-1328 U-248 W=4"			DATE 01/10/06
R-1328 U-248 W=4"			DRW HCUSR487 06010013
R-1328 U-248 W=4"			HC-ENG JB/AF
R-1328 U-248 W=4"			SEQN- 22667
R-1328 U-248 W=4"			JREF- 1STQ487_Z03

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH 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. CONNECTION PLATES ARE MADE OF 2016/1664 (4-M/5/5/5) ASTM A572 GRADE 40/60 (4-M/5/5) GALV. STEEL. APPLY PERMANENT IDENTIFICATION MARKS TO ALL PLATES. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI-2002 SEC. 1.1.1. DRAMING 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
FL Certificate of Authorization # 567

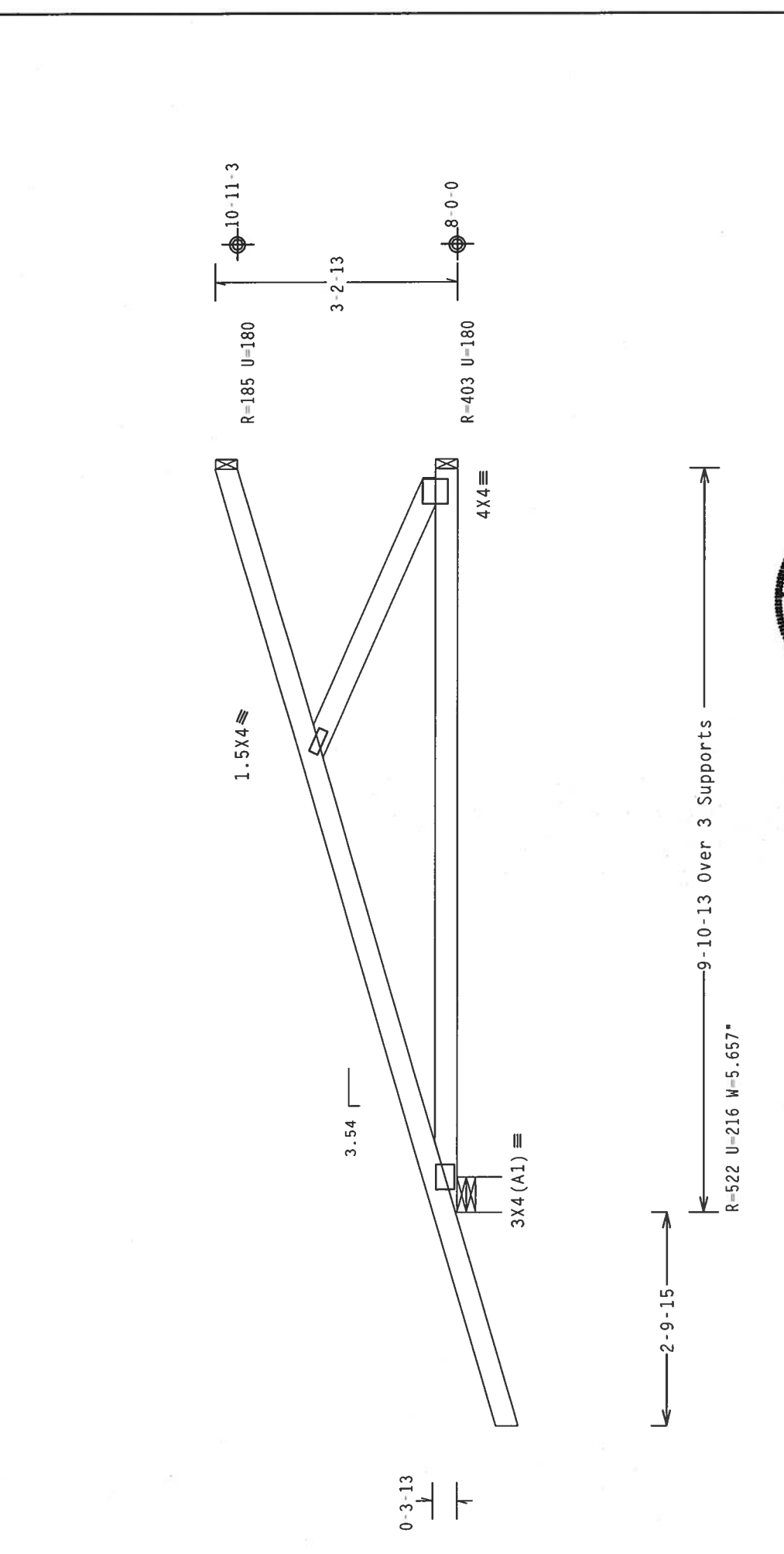
Scale = 1875"/ft.

[illegible]

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Hipjack supports 7-0-0 setback jacks with no webs.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.14

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R487--	91136
TC DL	10.0 PSF	DATE	01/10/06	
BC DL	10.0 PSF	DRW	HCUSR487	06010008
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	22662	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1STQ487_Z03	

ALPINE

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

FL Certificate of Authorization # 557

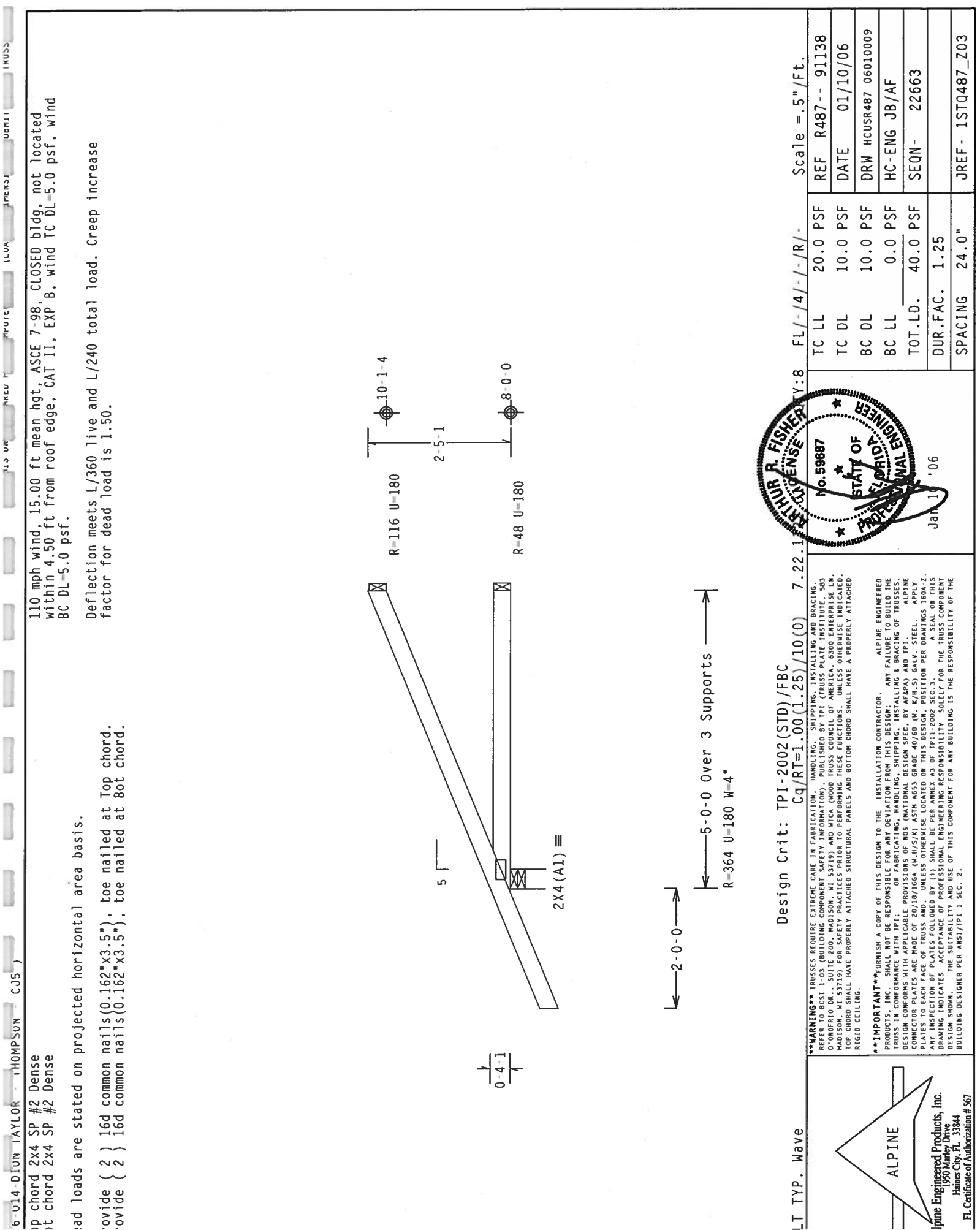
THOMAS A. FISHER
LICENSED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 59687

Jan 10 '06

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCES 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSSES, P.O. BOX 100, MADISON, WI 53719, AND MECA, WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH 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 2018/16GA (N.H/S/K) ASTM A653 GRADE 40/60 (N. K/M-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Lpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



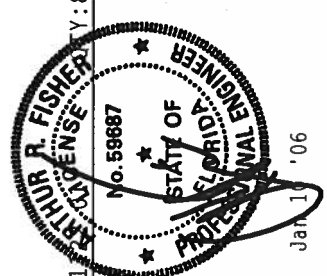
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

ad loads are stated on projected horizontal area basis.

oide (2) 16d common nails(0.162"x3.5"); toe nailed at Top chord.

oide (2) 16d common nails(0.162"x3.5"); toe nailed at Bot chord.



LT TYP. Wave	Design Crit: TPI-2002(STD)/FBC	Cq/RT=1.00(1.25)/10(0)	7.22.1	FL/-/4/-/-/R/-	Scale = .5" / Ft.
				TC LL	20.0 PSF
				TC DL	10.0 PSF
				BC DL	10.0 PSF
				BC LL	0.0 PSF
				TOT.LD.	40.0 PSF
				DUR.FAC.	1.25
				SPACING	24.0"
				REF	R487-- 91138
				DATE	01/10/06
				DRW	HCUSR487 06010009
				HC-ENG	JB/AF
				SEQN-	22663
				JREF-	1STQ487_Z03

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSC 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH 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 2018/16GA (W-H/S/K) ASTM A653 GRADE 40/60 (N. K/M.L.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCKED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. TOP CHORD PLATES SHALL BE 11" WIDE AND 11" DEEP. BOTTOM CHORD PLATES SHALL BE 11" WIDE AND 11" DEEP. THIS DRAWING TOOL SET ACCEPTABLE FOR PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS CONSTRUCTION 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
FL Certificate of Authorization # 567

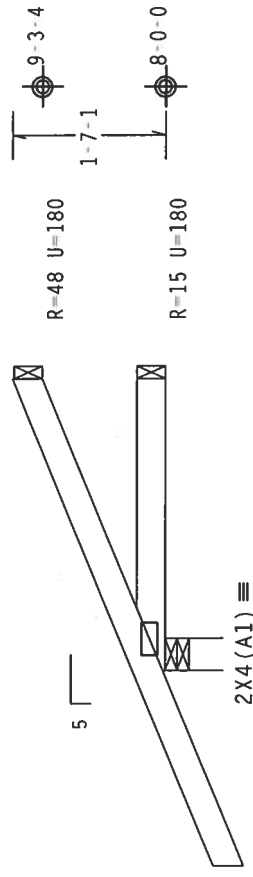
110 mph wind, 15.00 ft mean htg, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

ad loads are stated on projected horizontal area basis.

oide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.

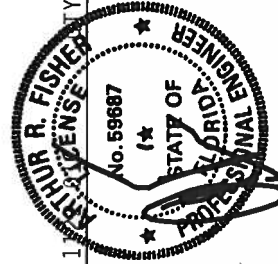
oide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



3-0-0 Over 3 Supports
R-306 U=180 W=4"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.1

Scale = .5" / Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH 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 (N-H/57K) ASTM A653 GRADE 40/60 (N, K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. THIS SEAL IS TO BE PLACED ON THE TRUSS CHORD. IT IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER TO SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/TP1 1 SEC. 2.

TC LL	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"

REF	R487--	91139
DATE	01/10/06	
DRW	HCUSR487	06010010
HC-ENG	JB/AF	
SEQN-	22664	
JREF-	1STQ487_Z03	

Top chord 2x4 SP #2 Dense
Bottom chord 2x4 SP #2 Dense

Dead loads are stated on projected horizontal area basis.

Roof live load { 2 } 16d common nails(0.162"x3.5"); toe nailed at Top chord.
Roof live load { 2 } 16d common nails(0.162"x3.5"); toe nailed at Bot chord.

5' height

0-4-1

0-9-1

8-5-4

8-0-0

R=102 U=180

R=36 U=180

2x4 (A1) =

1-0-0 Over 3 Supports

R=347 U=180 W=4"

110 mph wind, 15.00 ft mean height, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Design Crit: TPI-2002(STD)/FBC

Cg/RT=1.00(1.25)/10(0) 7.22.1

Scale = .5" / Ft.

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

Professional Engineer

Arthur P. Fisher

No. 59687

State of Florida

Jan 10 '06

TC LL	20.0 PSF	REF	R487-- 91140
TC DL	10.0 PSF	DATE	01/10/06
BC DL	10.0 PSF	DRW	HCUSR487 06010011
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN	22665
DUR. FAC.	1.25		
SPACING	24.0"	JREF	1STQ487_Z03

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH 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 2016/100A (4-H/5/5/3) ASTM A553 GRADE 40/60 (M, K/M, S) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 1.3. SEAL ON 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.

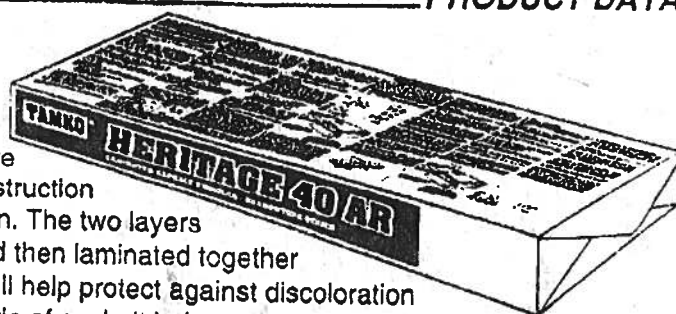
HERITAGE 40 AR®

LAMINATED ASPHALT SHINGLES

PRODUCT DATA

Manufactured in Tuscaloosa, AL.

HERITAGE 40 AR® shingles feature a double-layer fiberglass mat construction with a random-cut sawtooth design. The two layers of mat are coated with asphalt and then laminated together and surfaced with granules that will help protect against discoloration caused by algae. A self-sealing strip of asphalt helps provide added wind resistance.



USES

For application to roof decks with inclines of not less than 2 inches per foot. For slopes between 2 inches and 4 inches per foot, refer to wrapper instructions.

ADVANTAGES

- 40 year limited warranty, 7 year FULL START, limited transferability, winds up to 80 MPH
- Superior fire resistance compared to organic shingles
- Rustic beauty of wood shakes
- Shadowtone feature adds depth and dimensional appearance
- Algae resistant granules to protect against discoloration in areas where extreme humidity is a problem
- 10 year limited warranty against discoloration caused by certain algae growth

CERTIFICATIONS

UL Class A Fire Rating	ASTM D 3018, Type I
UL Wind Resistant	ASTM E 108, Class A
Fed. Spec.: Exceeds SS-S-001534, Class A, Type I	ASTM D 3161, Type I (Modified to 110 mph)
	ASTM D 3462

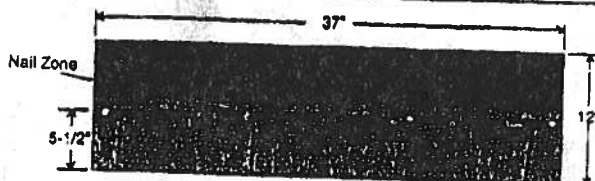
COLORS

America's Natural Colors:

- Natural Timber
- Painted Desert
- Thunderstorm Grey
- Harvest Gold
- Mountain Slate
- Black Walnut

PRODUCT DATA*

Shingle size	12" X 36"
Exposure	5"
Shingles per square	80
Bundles per square	4



*All values stated as nominal

CAUTION: The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Do not heat or burn this product.



TAMKO
ROOFING PRODUCTS

TAMKO® is a registered trademark of
TAMKO Roofing Products, Inc.

Visit our Web Site at www.tamko.com

01/2002

Central District	220 West 4th St., Joplin, MO	64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD	21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL	35401	800-228-2656
Southwest District	7910 S. Central Exp., Dallas, TX	75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO	80216	800-530-8868

MI HOME PRODUCTS
- PRIME ALUMINUM WINDOWS -
INSTALLATION INSTRUCTIONS FOR
"NAIL FIN" PRODUCTS

MI Home Products appreciates your recent purchase of a maintenance free prime window, which will not rust, rot, mildew, or warp. This is a quality product that left our factory in good condition - proper handling and installation are just as important as good design and workmanship. Please follow these recommendations to allow this product to complete its function.

1. Handle units one at a time in the closed and locked position and take care not to scratch frame or glass or to bend the nailing fin.
2. Set unit plumb and square into opening and make sure that there is $3/16" \pm 1/16"$ clearance around the frame. Fasten unit into opening in the closed and locked position, making sure that fasteners are screwed in straight in order to avoid twisting or bowing of the frame. Make sure that sill is straight and level. Check operation of unit before any and all fasteners are set.
3. Use # 8 sheet metal or wood screws with a minimum of 1" penetration into the framing (stud). Place first screws (two at each corner) 3" from end of fin. For positive and negative DPs (design pressures) up to 35, do not exceed 24" spacing of additional screws. For DPs from 35.1 to 60, do not exceed 18". Install load bearing shim adjacent to each anchor. Use shim where space exceeds 1/16".
4. Flash over head and caulk outside perimeter in accordance with code requirements and good installation practices.
5. Fill voids between frame and construction with loose batten type insulation or non-expanding aerosol foam specifically formulated for windows and doors to eliminate drafts. The use of expanding aerosol type insulating foam, which can bow the frame, waives all stated warranties.
6. Remove plaster, mortar, paint and any other debris that may have collected on the unit and make sure that sash/vent tracks and interlocks are also clear. Do not use abrasives, solvents, ammonia, vinegar, alkaline, or acid solutions for clean-up, especially with insulated glass units as their use could cause chemical breakdown of the glass seal. Take care not to scratch glass; scratches severely weaken glass and it could eventually break from thermal expansion and contraction. Clean units with water and mild detergent as you would your automobile.

CAUTION -

MI Home Products or its representatives are unable to control and cannot assume responsibility for the selection and placement of their products in a building or structure in a manner required by laws, statutes, and/or building codes. The purchaser is solely responsible for knowledge of and adherence to the same. MI Home Products window products are not provided with safety glazing unless specifically ordered with such. Many laws and codes require safety glazing near doors, bathtubs, and shower enclosures. Also be aware of emergency egress code requirements.

Corporate Headquarters:
650 West Market St.
Gratz, PA 17030-0370
(717) 365-3300



**AAMA/NWWDA 101/L.S.2-97
TEST REPORT**

Rendered to:

MI HOME PRODUCTS, INC.

**SERIES/MODEL: 450/650/850
TYPE: H-C30 54 x 90; H-C40 52 x 72***

Title of Test	Summary of Results	
	Test Specimen #1	Test Specimen #2
AAMA Rating	H-C30 54 x 90	H-C40 52 x 72*
Uniform Load Deflection Test Pressure	35.0 psf	47.0 psf
Operating Force	20 lb max.	N/A
Air Infiltration	0.27 cfm/ft ²	N/A
Water Resistance Test Pressure	5.25 psf	6.0 psf
Uniform Structural Load Test Pressure	45.0 psf	70.5 psf
Deglazing	Passed	N/A
Forced Entry Resistance	Grade 10	N/A

Reference should be made to ATI Report No. 01-37589.02 for complete test specimen description and data.

Allen M. R...
24 JUNE 2000



Architectural Testing

TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.
P.O. Box 370
650 West Market Street
Gratz, Pennsylvania 17030-0370

Report No: 01-37589.02
Test Date: 06/15/00
Thru: 06/29/00
Report Date: 06/06/02
Expiration Date: 06/29/04

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness performance testing on two Series/Model 450/650/850, aluminum single hung windows at their facility in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for the following ratings: Test Specimen #1: H-C30 54 x 90; Test Specimen #2: H-C40 52 x 72*.

General Note: An asterisk (*) next to the performance grade indicates that the size tested for optional performance was smaller than the Gateway test size for the product type and class.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/1.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

Test Specimen Description

Series/Model: 450/650/850

Type: Aluminum Single Hung Window

Test Specimen #1 Gateway Performance Specimen H-C30 54 x 90 rating

Overall Size: 4' 6-1/2" wide by 7' 6-1/2" high

Active Sash Size: 4' 4" wide by 3' 9-3/4" high

Fixed Daylight Opening Size: 4' 1-1/2" wide by 3' 6-1/2" high

Screen Size: 4' 2-1/4" wide by 3' 8-1/2" high

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

Allen M. Renshaw
28 JUNE 2002

Test Specimen Description: (Continued)

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Plastic snap latch	1	Midspan of bottom rail
Block and tackle balance system	2	One per jamb
Plastic tilt latch	2	One on each end of sash meeting rail
Metal pivot bar	2	One on each end of bottom rail

Drainage: Sloped sill

Reinforcement: No reinforcement.

Installation: The test unit was installed into the nominal 2" x 8" Spruce-Pine-Fir #2 wood test buck utilizing the nailing fin secured with 1" long galvanized roofing nails, 6" from each corner and every 18" on center. The nailing fin was also bedded in polyurethane. The exterior perimeter was blind stopped with wood members and secured with #8 x 3" screws every 24" on center.

Test Results:

The results are tabulated as follows

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> Gateway Performance Specimen H-C30 54 x 90			
2.2.1.6.1	Operating Force	20 lbs	45 lbs max
	Air Infiltration (ASTM E 283) @ 1.57 psf (25 mph)	0.27 cfm/ft ²	0.30 cfm/ft ² max
	Water Resistance (ASTM E 547) (with and without screen) WTP = 4.5 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the fixed meeting rail) (Loads were held for 33 seconds)		
	@ 35.0 psf (positive)	0.27"	0.30" max.
	@ 35.0 psf (negative)	0.73"*	0.30" max.

* Exceeds L/175 for deflection but meets all other test requirements.

Allen M. Reimer
22 JUNE 2002

Test Results:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> Gateway Performance Specimen H-C30 54 x 90 (Continued)			
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the fixed meeting rail) (Loads were held for 10 seconds)		
	@ 45.0 psf (positive)	0.03"	0.21" max
	@ 45.0 psf (negative)	0.04"	0.21" max
2.2.1.6.2	Deglazing Test (ASTM E 987-88) In operating direction at 70 lbs		
	Meeting rail	0.06"/12%	0.50"/100%
	Bottom rail	0.06"/12%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
2.1.8	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Allen M. Riney
24 JUL 1997

Test Results

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
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Test Specimen #1: Gateway Performance Specimen H-C30 54 x 90 (Continued)**Optional Performance**

4.3	Water Resistance (ASTM E 547) (with and without screen) WTP = 5.25 psf	No leakage	No leakage
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Test Specimen #2: H-C40 52 x 72***Optional Performance**

4.3	Water Resistance (ASTM E 547 and ASTM E 331) (with and without screen) WTP = 6.0 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330) (Measurements reported were taken on the fixed meeting rail) (Loads were held for 33 seconds)		
	@ 47.0 psf (positive)	0.04"	0.30" max.
	@ 47.0 psf (negative)	0.03"	0.30" max.
	Uniform Load Structural (ASTM E 330) (Measurements reported were taken on the fixed meeting rail) (Loads were held for 10 seconds)		
	@ 70.5 psf (positive)	0.07"	0.21" max.
	@ 70.5 psf (negative)	0.04"	0.21" max.

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC

Mark A. Hess
Mark A. Hess
Technician

MAH:baw
01-37589.02

Allen N. Reeves
Allen N. Reeves, P.E.
Director - Engineering Services
24 JUNE 2002



DOCUMENT CONTROL ADDENDUM #01-37589.00

Current Issue Date: 06/06/02

Report No.: 01-37589.01

Requested by: Scott Gill, MI Home Products, Inc.

Purpose: AAMA/NWWDA 101/I.S.2-97 testing on Series/Model 450, aluminum single hung window.

Issued Date: 09/11/00

Comments: Certification copy to John Smith at Associated Laboratories, Inc.

Report No.: 01-37589.02

Requested by: William Emley, MI Home Products, Inc.

Purpose: Revised Report No. 01-37589.01.

Issued Date: 06/06/02

Comments: Added Series/Model 650/850. Florida P.E. seal required on report
Certification copy to John Smith at Associated Laboratories, Inc.

Allen M. Ramos
26 JUNE 2002



NATIONAL CERTIFIED TESTING LABORATORIES

1464 GEMINI BOULEVARD • ORLANDO, FLORIDA 32837
PHONE (407) 240-1356 • FAX (407) 240-8882
www.nctlinc.com

STRUCTURAL PERFORMANCE TEST REPORT

Report No: NCTL-210-2065-1
Test Date: 06-21-00
Report Date: 09-25-00
Expiration Date: 09-25-04
Revision Date: 01/31/02

Client: MI Home Products, Inc.
650 West Market Street
Gratz, PA 17030-0370

Test Specimen: MI Home Products Product's Series "420" Type OXX Aluminum Sliding Glass Door.
(SGD-C35)(Single Glazed)(Steel Reinforced)(with and without sill riser).

Test Method: AAMA/NWDA 101/I.S.2-97, "Voluntary Specifications for Aluminum, Vinyl
(PVC), and Wood Windows and Glass Doors."

Revision Note: Sill leg extension was revised from 1-1/8" to 1-1/4"

TEST SPECIMEN DESCRIPTION

General: The sample tested was a three (3) panel type OXX aluminum sliding glass door measuring 15-1-3/4" wide x 8'0-1/8" high overall. The active panel measured 5'0-1/2" wide by 7'11-1/8" high; the fixed panel measured 5'0-7/8" wide by 7'11-1/8" high. Frame and panel members were not thermally broken. A plastic spacer/guide was used at each panel head/stile corner. The fixed panel was secured to the jamb with two (2) 3" long aluminum angle retainers each fastened to the jamb stile with two (2) (#8 x 3/4") pan head screws. One (1) claw type door lock assembly was located at 40" from the bottom of each active panel lock stile each with two (2) screws. One (1) adjustable metal roller assembly was used at each end of the active bottom rails. The frame was of double screw coped corner construction. Panel corners were of single screw at bottom rail and double screw at the top rail. The interior vertical sill leg employed an extruded aluminum 1-1/4" high extension; an overall height of 2.031. One (1) aluminum panel retainer was fastened at 2" from each of the active panel bottom rail. One (1) extruded aluminum female panel adapter was fastened to the fixed panel but stile with five (5) (#8 x 1/2") screws. One extruded aluminum screen adapter was fastened to the butt stile using five (5) (#8 x 1/2") screws

Installation: The main frame was fastened to the wood test buck using forty-eight (48) (#8 x 1-1/2") FHS. (See fastener diagram.)

Reinforcement: One (1) U-shaped galvanized steel reinforcing channel measuring 1-3/4" x 3/4" x 1/16" thick filled the length of the panel adapter stile. One (1) U-shaped galvanized steel reinforcing channel measuring 3/4" x 7/8" x 1/16" thick filled the length of each interlock stile.

PROFESSIONALS IN THE SCIENCE OF TESTING

Glazing: All panels were channel glazed using 3/16" thick clear tempered glass with a flexible vinyl glazing bead.

Weatherseal: Double strips of centerfin weatherstrip (0.270" high) were located at each jamb, stile and lock stile. A double strip of centerfin weatherstrip (0.180" high) was located at each interlock stile. A double strip of centerfin weatherstrip (0.250" high) was located at each panel top rail. A double strip of side fin weathrstrip (0.430" high) was located at each panel bottom rail. An adhesive back polypile dust plug measuring 1-3/16" x 13/16" x 0.420" was located on the head and sill at each end of the vertical stile exterior track.

Weeps: One (1) weep notch measuring 1-1/2" x leg height was located at each end of the interior sill roller leg, exterior sill roller leg and screen sill roller leg.

Interior & Exterior Surface Finish: Non-painted aluminum

Sealant: Frame and panel bottom rail corners were sealed with a small-joint sealant.

Insect Screen: Two (2) insect screens, one (1) center insect screen measuring 5'0-1/4" wide by 7'11" high; Both were of coped corner construction. The screen employed fiberglass mesh cloth with a hollow vinyl spline. One (1) roller assembly was located at each end of the bottom rails. One (1) claw type lock assembly.

TEST RESULTS

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force Center Active Panel		
	To open	20 lbf	30 lbf
	In Motion	5 lbf	30 lbf
	Right Active Panel		
	To open	18 lbf	30 lbf
	In Motion	3 lbf	30 lbf
2.2.1.6.2	Deglazing - ASTM E987 Center Active Panel		
	Top Rail (50 lbf)	10.2 % (0.051")	<100%
	Bottom Rail (50 lbf)	7.8 % (0.039")	<100%
	Left Stile (70 lbf)	6.0 % (0.030")	<100%
	Right Stile (70 lbf)	5.4 % (0.027")	<100%
	Right Active Panel		
	Meeting Rail (50 lbf)	8.4 % (0.042")	<100%
	Bottom Rail (50 lbf)	8.4 % (0.042")	<100%
	Left Stile (70 lbf)	8.0 % (0.040")	<100%
	Right Stile (70 lbf)	6.2 % (0.031")	<100%

11/27/02

TEST RESULTS (Continued)

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
2.1.2	Air Infiltration 1.57 psf(25mph)	Passed	0.30cfm/ft ²
	Water Resistance - ASTM E547 5.0 gph/ft ² WTP=4.50 psf	No entry	No entry
2.1.4.2	Uniform Load Structural - ASTM E330 45.0 psf Exterior 45.0 psf Interior	0.245" 0.258"	0.381" 0.381"

OPTIONAL PERFORMANCE

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
4.3 *	Water Resistance - ASTM E547 & E331 5.0 gph/ft ² WTP=5.25 psf	No Entry	No Entry

Note: At this point in testing, an additional sill riser was attached to the existing main sill's interior vertical leg with the following results being obtained:

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
4.3 *	Water Resistance - ASTM E547 & E331 5.0 gph/ft ² WTP=6.00 psf	No Entry	No Entry
	Uniform Load Structural - ASTM E330 52.5 psf Exterior 52.5 psf Interior	0.379" 0.380"	0.381" 0.381"

* Test performed with and without screen

TEST COMPLETED: 06/21/00

Note: In addition, MI Home Products' Series "430" and "440" also received an SGD-C35 rating being identical in panel construction and interior sill leg heights.

The tested specimen meets (or exceeds) the performance levels specified in Table 2.1 of AAMA/NWWDA 101/I.S.2-97 for air infiltration. The listed results were secured by using the designated test methods and indicate compliance with the performance requirements of the referenced specification paragraphs for the SGD-C35 product designation.

Detailed drawings were available for laboratory records and compared to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by NCTL for a period of four (4) years. The results obtained apply only to the specimen tested. No conclusions of any kind regarding the adequacy or inadequacy of the glass in the test specimen may be drawn from this test. This report does not constitute certification of the product which may only be granted by a certification program validator.

Michael E. Lane 
MICHAEL E. LANE
Division Manager



TEST RESULTS (Continued)

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
2.1.2	Air Infiltration 1.67 psf(25mph)	Passed	0.30cfm/ft ²
	Water Resistance - ASTM E547 8.0 gph/ft ² WTP=4.50 psf	No entry	No entry
2.1.4.2	Uniform Load Structural - ASTM E330 45.0 psf Exterior 45.0 psf Interior	0.245" 0.258"	0.381" 0.381"

OPTIONAL PERFORMANCE

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
4.3 *	Water Resistance - ASTM E547 & E331 5.0 gph/ft ² WTP=5.25 psf	No Entry	No Entry

Note: At this point in testing, an additional sill riser was attached to the existing main sill's interior vertical leg with the following results being obtained:

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
4.3 *	Water Resistance - ASTM E547 & E331 8.0 gph/ft ² WTP=6.00 psf	No Entry	No Entry
	Uniform Load Structural - ASTM E330 52.5 psf Exterior 52.5 psf Interior	0.379" 0.380"	0.381" 0.381"

* Test performed with and without screen

TEST COMPLETED: 06/21/00

Note: In addition, MI Home Products' Series "430" and "440" also received an SGD-C35 rating being identical in panel construction and interior sill leg heights.

MI HOPE PRODUCTS

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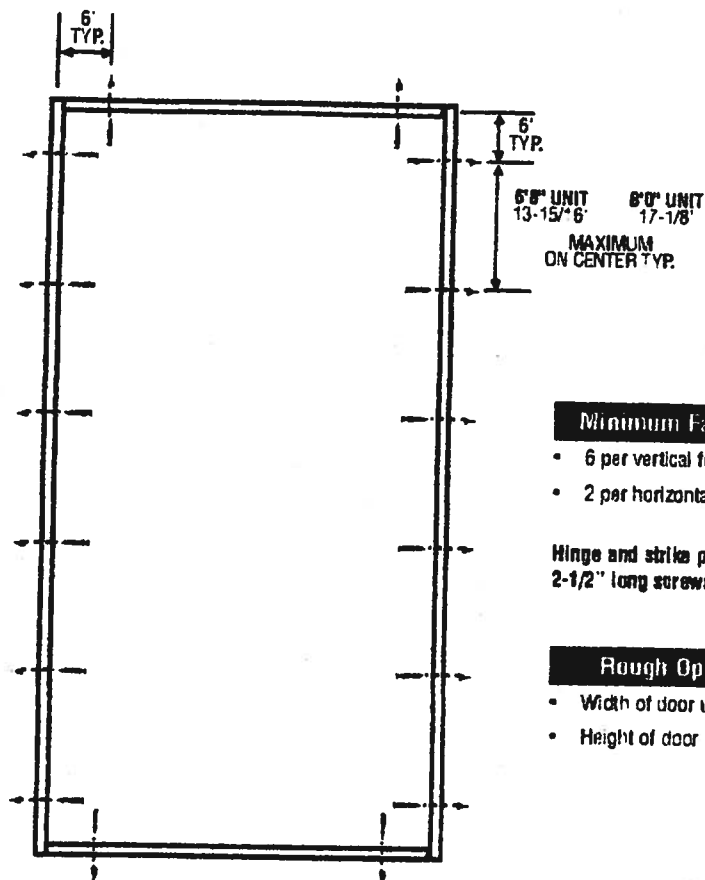
MI HOPE PRODUCTS

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MI HOPE PRODUCTS

MI HOPE PRODUCTS

SINGLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 2 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warrick-Hervey Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITS-WH website (www.its-wh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 3146, 3186, 3241*, 3246, 3261* or 3266**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

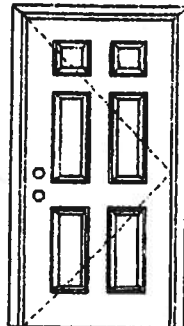
Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/APA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks or others, must be anchored properly to transfer loads to the structure.

X

Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:**

Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+66.0/-66.0

limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7 national, state or local building codes specify the edition required.



Test Data Review Certificate #3026447A and COP-Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITSS/WH website (www.adm.com), the Masonite website (www.masonite.com) or the Masonite technical center.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MAC001-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MAC001-02.

APPROVED DOOR STYLES:

Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



2-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

Johnson
EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product details subject to change without notice.



SALES AND SERVICE
Masonite
Masonite International Corporation

X

Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthaz

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Witness Marking



Test Data Review Certificate #3026447A and COP Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS-VW website (www.itsvw.com), the Masonite website (www.masonite.com) or the Masonite technical center.

2

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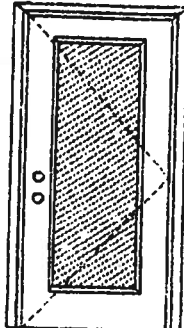
June 17, 2002
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Exclusively from
Masonite
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".



Test Data Report Certificate #30264-47A and COP-Test Report Validation Matrix #30264-47A-001 provides additional information - available from the ITS-WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+40.5/-40.5
Listed factor unless special threshold design is used

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MAC001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



560 Series



322 Series

1/2 GLASS:



105 Series



106, 160 Series



129 Series



200 Series



12 R/L, 23 R/L, 24 R/L Series



107 Series



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow; 5-panel; Eyebrow; 5-panel with scroll.

Johnson
EntrySystems

June 17, 2002
Our continuing program of product improvement provides modifications, design and product solutions that change without action.



Masonite
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



404 Series

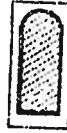


410 Series

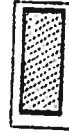


450 Series

FULL GLASS:



109 Series



114, 120, 122
Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L. Balthaz

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533

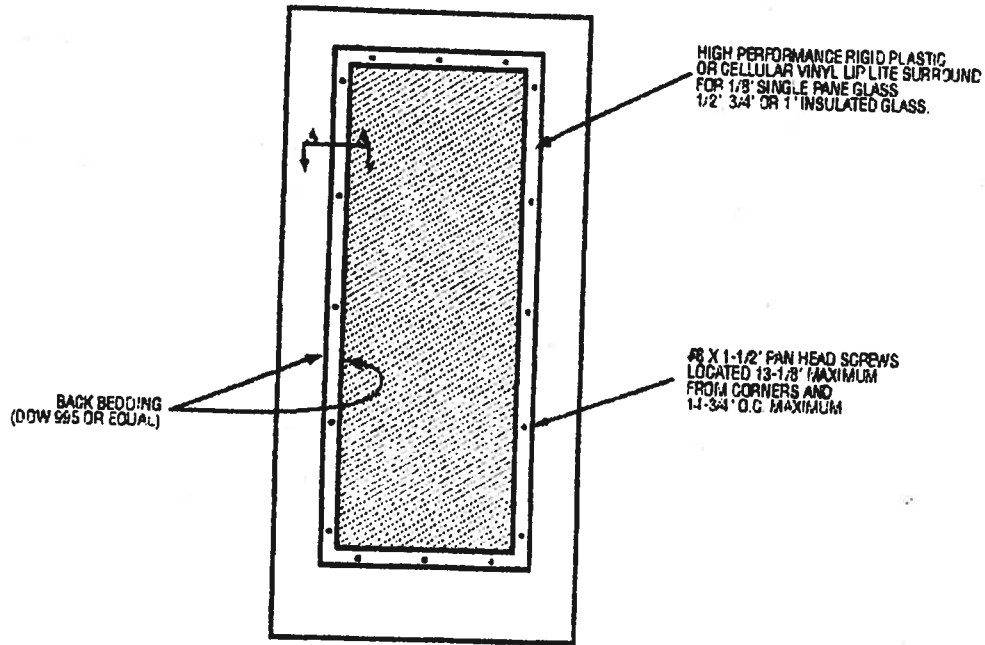


Test Data Review Certificate #3026447A and COP Test Report Validation Mark #3026447A-001 provides additional information - available from the ITS-WH website (www.itswh.com) the Masonite website (www.masonite.com) or the Masonite technical center.

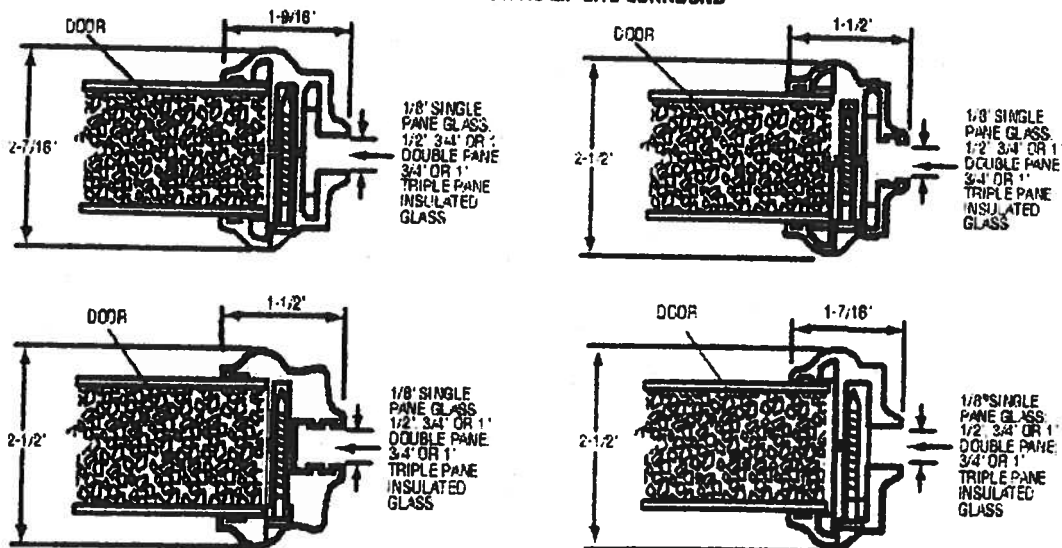


MAD-WL-MA0041-02

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



* Glass inserts to be sub-listed by Intertek Testing Services/ETL Semko or approved validation service.

Watershed Masonry Test Data Review Certificate #3026447A- #3026447B- #3026447C and COP-Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITSWH website (www.intertek.com), the Masonite website (www.masonite.com) or the Masonite technical center.

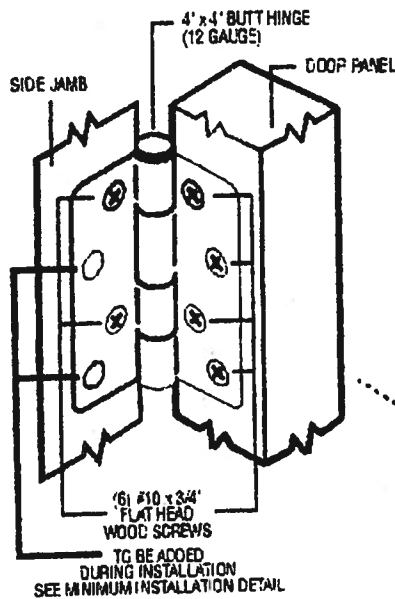
June 17, 2002
Our continuing program of product improvement requires modifications.
Design and product detail subject to change without notice.



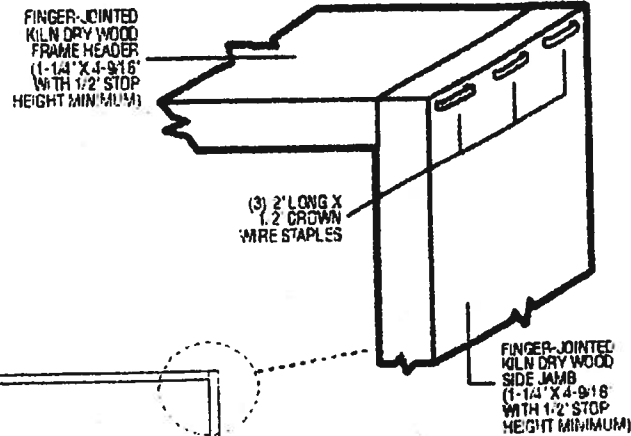
Exclusively for
Masonite
Masonite International Corporation

INSWING UNIT WITH SINGLE DOOR

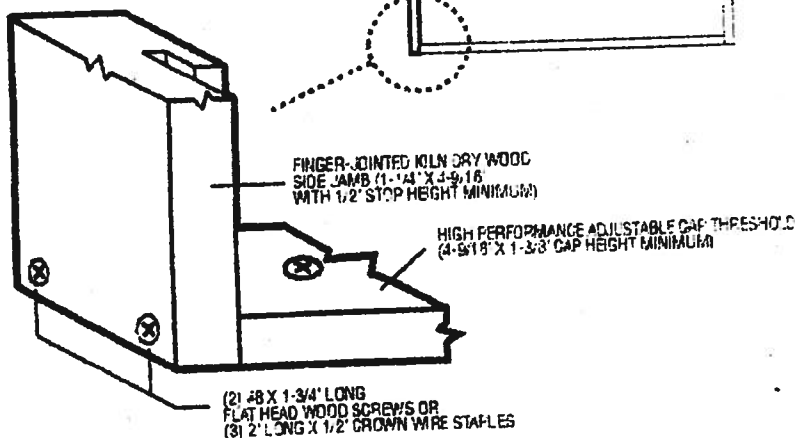
TYPICAL HINGE ATTACHMENT



TYPICAL HEADER & SIDE JAMB ATTACHMENT



TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



Test Data Review Certificate
#302647A: #302647B
#302647C and COR Test Report
Validation Matrix #302647B-001, 002, 003
#302647B-001, 002, 003
#302647C-001, 002, 003
provide additional information
available from the ITS-VH website
(www.its-vh.com) the Masonite
website (www.masonite.com) or
the Masonite technical center.



03-19-2004

Page 1

Project Summary

Client: Dion Taylor
Address:
City: Lake City, FL 32055
Phone: 755-1862
Fax:

Company: Glenn I. Jones, Inc.
Representative: Glenn Jr.
Address: 811 N. 5th. St.
City: Lake City, FL 32055
Phone: (904) 752-5389
Fax: (904) 755-3401
Comment:

Design Data

Project Name:
Reference City: Lake City, Florida
Daily Temperature Range: Medium
Latitude: 30 Degrees
Elevation: 26 Feet

	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum.	Indoor Dry Bulb	Grains Difference
Winter:	27	N/A	N/A	70	N/A
Summer:	96	78	50%	75	51

Check Figures

Total Building Supply CFM:	800	CFM per square foot:	0.6
Square feet of room area:	1,334	Square feet per ton:	699.121

Building Loads

Total heating required with outside air:	27,645 Btuh	27.645 MBH
Total sensible gain:	17,173 Btuh	82 %
Total latent gain:	3,862 Btuh	18 %
Total cooling required with outside air:	21,035 Btuh	1.753 Tons (based on sensible + latent)
		1.908 Tons (based on 75% sensible capacity)

Notes

Calculations are based on 7th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.



Miscellaneous Project Data

Project File Name: UNTITLED

System Input Data

---System 1---	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum.	Indoor Dry Bulb	Grains Difference
Winter:	27	N/A	N/A	70	N/A
Summer:	96	78	50%	75	51

External Overhangs

No.	Projection	Offset	No.	Projection	Offset
1	3	1	6	0	0
2	5	1	7	0	0
3	4	1	8	0	0
4	2	1	9	0	0
5	10	1	10	0	0

Duct Sizing Inputs

	Runouts	Main Trunk
Duct Material:	Flexible Duct	Fiberglass Duct Board
Roughness Factor:	0.010000	0.003000
Pressure Drop:	0.1000 In.wg/100 Ft.	0.1000 In.wg/100 Ft.
Minimum Velocity:	450.0 Ft./Minute	650.0 Ft./Minute
Maximum Velocity:	750.0 Ft./Minute	900.0 Ft./Minute
Minimum Height:	0 Inches	0 Inches
Maximum Height:	0 Inches	0 Inches

Outside Air Data

	Winter	Summer
Infiltration:	0.900 AC/Hr	0.400 AC/Hr
Volume of Conditioned Space:	X 10672 Cu.Ft.	X 10672 Cu.Ft.
	9,605 Cu.Ft./Hr	4,269 Cu.Ft./Hr
	X 0.0167	X 0.0167
Total Building Infiltration:	160.08 CFM	71.14667 CFM
Total Building Ventilation:	0 CFM	0 CFM

---System 1---

Infiltration & Ventilation Sensible Gain Multiplier: 23.10 = (1.10 X 21.00 Summer Temp. Difference)

Infiltration & Ventilation Latent Gain Multiplier: 34.86 = (0.68 X 51.27 Grains Difference)

Infiltration & Ventilation Sensible Loss Multiplier: 47.30 = (1.10 X 43.00 Winter Temp. Difference)



Total Building Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	177	5,521	0	4,893	4,893
8O Glass Door Double Clear Glass Metal Frame	42	1,309	0	983	983
10D Door Wood Solid Core	42	830	0	476	476
12D Wall R-11 + 1/2" Asphlt Board(R-1.3)	1,035	3,560	0	2,037	2,037
16G Ceiling R-30 Insulation	1,334	1,894	0	1,979	1,979
22A Slab on Grade No Edge Insulation	162	5,643	0	0	0
Subtotals for structure:	2,792	18,757	0	10,368	10,368
Active People:	6	0	1,380	1,800	3,180
Inactive People:	0	0	0	0	0
Appliances:	0	0	0	1,800	1,800
Lighting:	0	0		0	
Ductwork:	0	1,317	0	1,561	1,561
Infiltration: Winter CFM: 160.1, Summer CFM: 71.1	261	7,571	2,482	1,644	4,126
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				17,173	
Temperature Swing Multiplier:				X1.00	
Building Load Totals:		27,645	3,862	17,173	21,035

Check Figures

Total Building Supply CFM:	800	CFM per square foot:	0.6
Square feet of room area:	1,334	Square feet per ton:	699.121

Building Loads

Total heating required with outside air:	27,645 Btuh	27.645 MBH
Total sensible gain:	17,173 Btuh	82 %
Total latent gain:	3,862 Btuh	18 %
Total cooling required with outside air:	21,035 Btuh	1.753 Tons (based on sensible + latent)
		1.908 Tons (based on 75% sensible capacity)

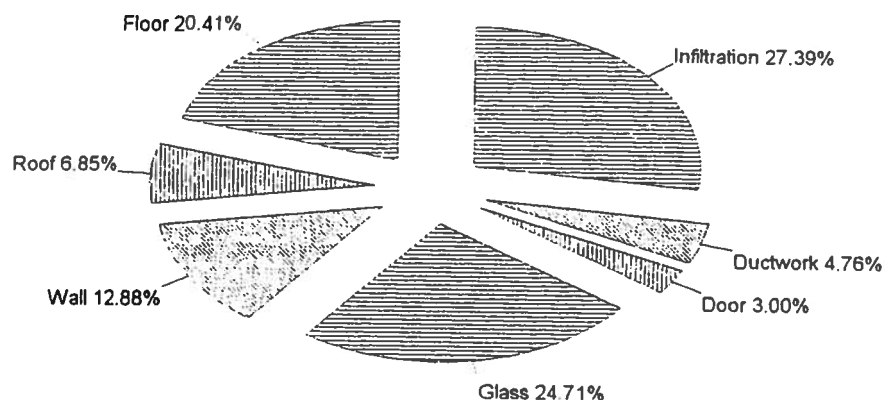
Notes

Calculations are based on 7th edition of ACCA Manual J.
 All computed results are estimates as building use and weather may vary.
 Be sure to select a unit that meets both sensible and latent loads.

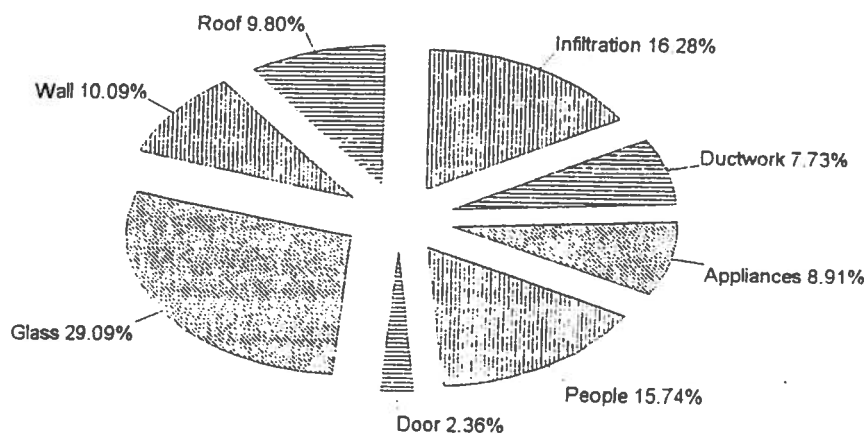


Building Load Pie Charts

Total Building Loss 27,645 BTUH



Total Building Gain 21,035 BTUH





System #1 Zone #1 Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	177	5,521	0	4,893	4,893
8O Glass Door Double Clear Glass Metal Frame	42	1,309	0	983	983
10D Door Wood Solid Core	42	830	0	476	476
12D Wall R-11 + 1/2" Asphlt Board(R-1.3)	1,035	3,560	0	2,037	2,037
16G Ceiling R-30 Insulation	1,334	1,894	0	1,979	1,979
22A Slab on Grade No Edge Insulation	162	5,643	0	0	0
Subtotals for structure:	2,792	18,757	0	10,368	10,368
Active People:	6	0	1,380	1,800	3,180
Inactive People:	0	0	0	0	0
Appliances:	0	0	0	1,800	1,800
Lighting:	0	0	0	0	0
Ductwork:	0	1,317	0	1,561	1,561
Infiltration: Winter CFM: 160.1, Summer CFM: 71.1	261	7,571	2,482	1,644	4,126
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				17,173	
Temperature Swing Multiplier:				X1.00	
Zone Load Totals:		27,645	3,862	17,173	21,035

Check Figures

Supply CFM:	800	CFM per square foot:	0.6
Square feet of room area:	1,334	Square feet per ton:	699.121

Zone Loads

Total heating required with outside air:	27,645 Btuh	27.645 MBH
Total sensible gain:	17,173 Btuh	82 %
Total latent gain:	3,862 Btuh	18 %
Total cooling required with outside air:	21,035 Btuh	1.753 Tons (based on sensible + latent)
		1.908 Tons (based on 75% sensible capacity)

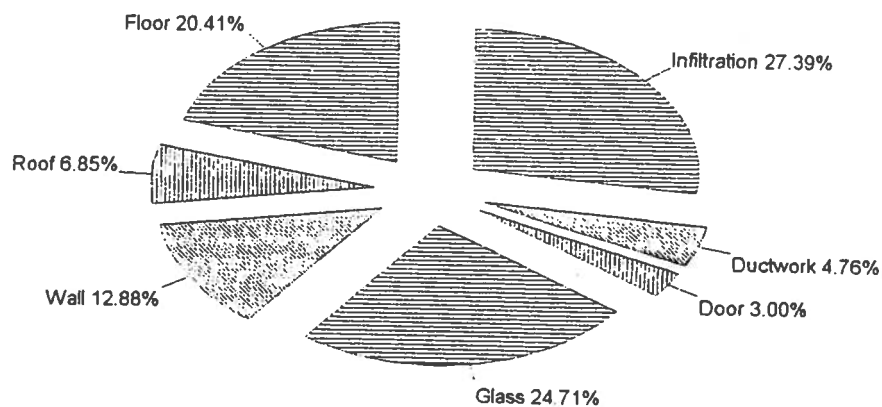


03-19-2004

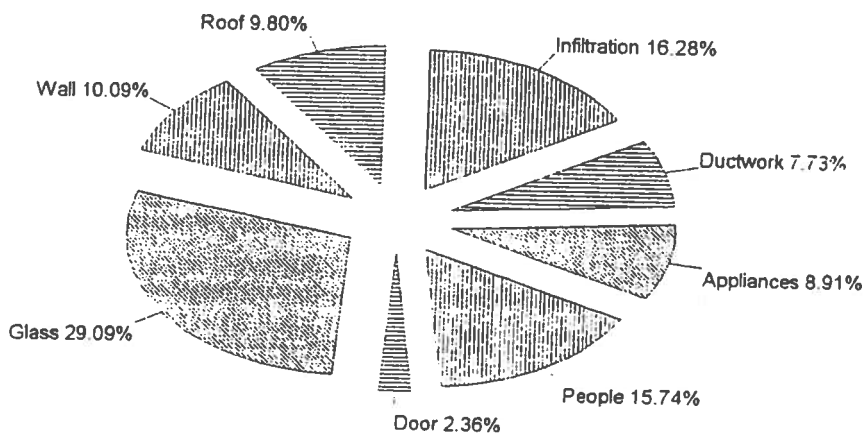
Page 6

System #1 Zone #1 Load Pie Charts

Total Zone Loss 27,645 BTUH



Total Zone Gain 21,035 BTUH





03-19-2004

Page 7

Detailed Room Loads

1. M. Bedroom

Room Length:	14.0 Feet	System Number:	1
Room Width:	17.0 Feet	Zone Number:	1
Area:	238.0 Square Feet	Supply Air:	121 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	1,904.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	121 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	7 Inches	% of Supply:	0 %
Runout Air Velocity:	452 Feet/Minute	Actual Winter Infiltration Air:	18 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	8 CFM allocated
Actual Loss:	0.107 In.wg/100 Ft.		

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 17 X 8	121	0.080	3.4	416	2.0	0	238
W -WALL-12D 14 X 8	97	0.080	3.4	334	2.0	0	191
N -GLAS-3C 2-P O-4 S-1 100%S	15	0.725	31.2	468	23.4	0	351
W -GLAS-3C 2-P O-4 S-1 65%S	15	0.725	31.2	468	40.1	0	601
UP-CEIL-16G DARK 14 X 17	238	0.033	1.4	338	1.5	0	353
FLOOR-22A 31 FT	31	0.810	34.8	1,080	0.0	0	0
Subtotals for structure:	517			3104		0	1734
Infiltration: Winter: 18.4, Summer: 8.2:	30		29.000	870	6.300	285	189
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	199	0.100	0	192
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							2115
Temperature Swing Multiplier:							X1.00
Room Totals:				4,173		285	2,115



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Detailed Room Loads

2. M. Bath

Room Length:	5.0 Feet	System Number:	1
Room Width:	8.0 Feet	Zone Number:	1
Area:	40.0 Square Feet	Supply Air:	32 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	320.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	32 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	3 Inches	% of Supply:	0 %
Runout Air Velocity:	660 Feet/Minute	Actual Winter Infiltration Air:	6 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	2 CFM allocated
Actual Loss:	0.746 In.wg/100 Ft.		

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 8 X 8	55	0.080	3.4	189	2.0	0	108
N -GLAS-3C 2-P O-4 S-1 100%S	9	0.725	31.2	281	23.4	0	211
UP-CEIL-16G DARK 5 X 8	40	0.033	1.4	57	1.5	0	59
FLOOR-22A 8 FT	8	0.810	34.8	279	0.0	0	0
Subtotals for structure:	112			806		0	378
Infiltration: Winter: 5.5, Summer: 2.5:	9		29.000	261	6.333	86	57
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	53	0.100	0	44
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							479
Temperature Swing Multiplier:							X 1.00
Room Totals:				1,120		86	479



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Detailed Room Loads

3. Bath

Room Length:	8.0 Feet	System Number:	1
Room Width:	5.0 Feet	Zone Number:	1
Area:	40.0 Square Feet	Supply Air:	2 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	320.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	2 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	0 Inches	% of Supply:	0 %
Runout Air Velocity:	0* Feet/Minute	Actual Winter Infiltration Air:	0 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	0 CFM allocated

Actual Loss: 0.000 In.wg/100 Ft.

*Runout velocity constraints were not met due to duct schedule limitations.

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
UP-CEIL-16G DARK 8 X 5	40	0.033	1.4	57	1.5	0	59
Subtotals for structure:	40			57		0	59
Infiltration: Winter: 0.0, Summer: 0.0:	0		0.000	0	0.000	0	0
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	3	0.100	0	6
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							65
Temperature Swing Multiplier:							X1.00
Room Totals:				60		0	65



03-19-2004

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Detailed Room Loads

4. Bedroom 2

Room Length:	11.0 Feet	System Number:	1
Room Width:	13.0 Feet	Zone Number:	1
Area:	143.0 Square Feet	Supply Air:	103 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	1,144.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	103 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	6 Inches	% of Supply:	0 %
Runout Air Velocity:	526 Feet/Minute	Actual Winter Infiltration Air:	18 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	8 CFM allocated
Actual Loss:	0.179 In.wg/100 Ft.		

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
W -WALL-12D 13 X 8	89	0.080	3.4	306	2.0	0	175
S -WALL-12D 11 X 8	73	0.080	3.4	251	2.0	0	144
W -GLAS-3C 2-P O-4 S-1 65%S	15	0.725	31.2	468	40.1	0	601
S -GLAS-3C 2-P O-4 S-1 100%S	15	0.725	31.2	468	23.4	0	351
UP-CEIL-16G DARK 11 X 13	143	0.033	1.4	203	1.5	0	212
FLOOR-22A 24 FT	24	0.810	34.8	836	0.0	0	0
Subtotals for structure:	359			2532		0	1483
Infiltration: Winter: 18.4, Summer: 8.2:	30		29.000	870	6.300	285	189
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	170	0.100	0	167
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							1839
Temperature Swing Multiplier:							X1.00
Room Totals:				3,572		285	1,839



03-19-2004

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Detailed Room Loads

5. Bedroom 3

Room Length:	10.0 Feet	System Number:	1
Room Width:	12.0 Feet	Zone Number:	1
Area:	120.0 Square Feet	Supply Air:	54 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	960.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	54 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	4 Inches	% of Supply:	0 %
Runout Air Velocity:	616 Feet/Minute	Actual Winter Infiltration Air:	9 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	4 CFM allocated
Actual Loss:	0.432 In.wg/100 Ft.		

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
S -WALL-12D 12 X 8	81	0.080	3.4	279	2.0	0	159
S -GLAS-3C 2-P O-4 S-1 100%S	15	0.725	31.2	468	23.4	0	351
UP-CEIL-16G DARK 10 X 12	120	0.033	1.4	170	1.5	0	178
FLOOR-22A 12 FT	12	0.810	34.8	418	0.0	0	0
Subtotals for structure:	228			1335		0	688
Infiltration: Winter: 9.2, Summer: 4.1:	15		29.000	435	6.267	143	94
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	89	0.100	0	78
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							860
Temperature Swing Multiplier:							X1.00
Room Totals:				1,859		143	860



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Detailed Room Loads

6. Living Room

Room Length:	13.0 Feet	System Number:	1
Room Width:	18.0 Feet	Zone Number:	1
Area:	234.0 Square Feet	Supply Air:	125 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	1,872.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	125 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	7 Inches	% of Supply:	0 %
Runout Air Velocity:	467 Feet/Minute	Actual Winter Infiltration Air:	31 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	14 CFM allocated
Actual Loss:	0.114 In.wg/100 Ft.		

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
S -WALL-12D 18 X 8	93	0.080	3.4	320	2.0	0	183
S -DOOR-10D 3 X 7	21	0.460	19.8	415	11.3	0	238
S -GLAS-3C 2-P O-4 S-1 100%S	30	0.725	31.2	935	23.4	0	702
UP-CEIL-16G DARK 13 X 18	234	0.033	1.4	332	1.5	0	317
FLOOR-22A 18 FT	18	0.810	34.8	627	0.0	0	0
Subtotals for structure:	396			2629		0	1470
Infiltration: Winter: 31.3, Summer: 13.9:	51		29.020	1,480	6.294	485	321
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	205	0.100	0	179
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							1970
Temperature Swing Multiplier:							X1.00
Room Totals:				4,314		485	1,970



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Detailed Room Loads

7. Kitchen

Room Length:	11.0 Feet	System Number:	1
Room Width:	10.0 Feet	Zone Number:	1
Area:	110.0 Square Feet	Supply Air:	39 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	880.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	39 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	4 Inches	% of Supply:	0 %
Runout Air Velocity:	449* Feet/Minute	Actual Winter Infiltration Air:	6 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	2 CFM allocated

Actual Loss: 0.231 In.wg/100 Ft.

*Runout velocity constraints were not met due to duct schedule limitations.

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 10 X 8	71	0.080	3.4	244	2.0	0	140
N -GLAS-3C 2-P O-4 S-1 100%S	9	0.725	31.2	281	23.4	0	211
UP-CEIL-16G DARK 11 X 10	110	0.033	1.4	156	1.5	0	163
FLOOR-22A 10 FT	10	0.810	34.8	348	0.0	0	0
Subtotals for structure:	200			1029		0	514
Infiltration: Winter: 5.5, Summer: 2.5:	9		29.000	261	6.333	86	57
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	65	0.100	0	177
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	1,200
Lighting:							0
Sensible Gain Total:							1948
Temperature Swing Multiplier:							X1.00
Room Totals:				1,355		86	1,948



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Detailed Room Loads

8. Dining Room

Room Length:	11.0 Feet	System Number:	1
Room Width:	11.0 Feet	Zone Number:	1
Area:	121.0 Square Feet	Supply Air:	98 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	968.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	98 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	6 Inches	% of Supply:	0 %
Runout Air Velocity:	501 Feet/Minute	Actual Winter Infiltration Air:	26 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	11 CFM allocated
Actual Loss:	0.163 In.wg/100 Ft.		

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 11 X 8	46	0.080	3.4	158	2.0	0	91
N -G.DR-8O 2-P O-4 S-1 100%S	42	0.725	31.2	1,309	23.4	0	983
UP-CEIL-16G DARK 11 X 11	121	0.033	1.4	172	1.5	0	180
FLOOR-22A 11 FT	11	0.810	34.8	383	0.0	0	0
Subtotals for structure:	220			2022		0	1254
Infiltration: Winter: 25.8, Summer: 11.4:	42		29.000	1,218	6.286	399	264
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	162	0.100	0	152
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							1670
Temperature Swing Multiplier:							X1.00
Room Totals:				3,402		399	1,670



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Detailed Room Loads

9. Utility

Room Length:	5.0 Feet	System Number:	1
Room Width:	12.0 Feet	Zone Number:	1
Area:	60.0 Square Feet	Supply Air:	50 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	480.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	50 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	4 Inches	% of Supply:	0 %
Runout Air Velocity:	577 Feet/Minute	Actual Winter Infiltration Air:	6 CFM
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	2 CFM
Actual Loss:	0.378 In.wg/100 Ft.		allocated

Item Description	Area Quantity	-U- Value	Htg. HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 12 X 8	87	0.080	3.4	299	2.0	0	171
E -WALL-12D 5 X 8	40	0.080	3.4	138	2.0	0	79
N -GLAS-3C 2-P O-4 S-1 100%S	9	0.725	31.2	281	23.4	0	211
UP-CEIL-16G DARK 5 X 12	60	0.033	1.4	85	1.5	0	89
FLOOR-22A 17 FT	17	0.810	34.8	592	0.0	0	0
Subtotals for structure:	213			1395		0	550
Infiltration: Winter: 5.5, Summer: 2.5:	9		29.000	261	6.333	86	57
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	83	0.100	0	121
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	600
Lighting:							0
Sensible Gain Total:							1328
Temperature Swing Multiplier:							X1.00
Room Totals:				1,739		86	1,328



Detailed Room Loads

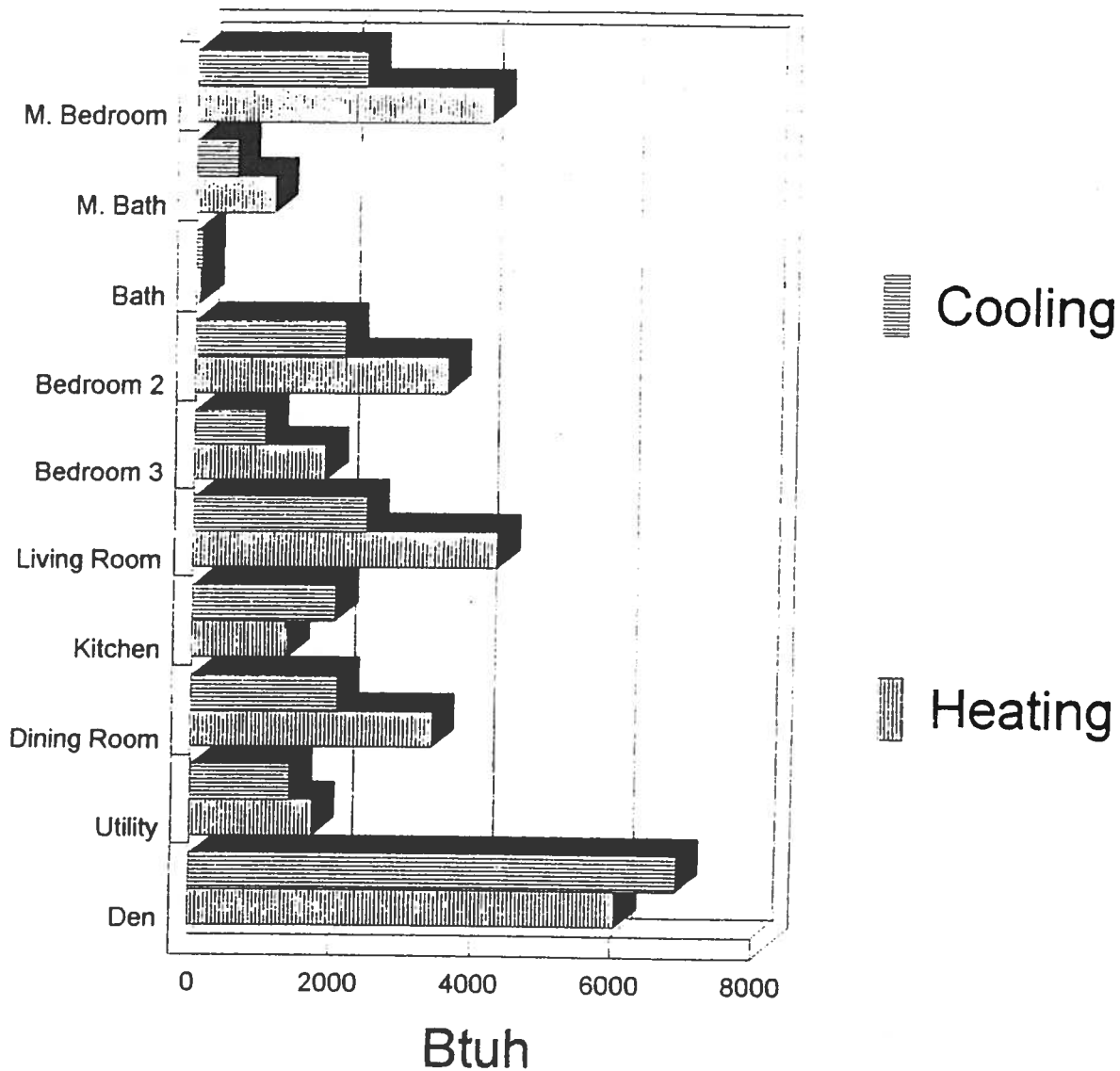
10. Den

Room Length:	12.0 Feet	System Number:	1
Room Width:	19.0 Feet	Zone Number:	1
Area:	228.0 Square Feet	Supply Air:	175 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	1,824.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	175 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	8 Inches	% of Supply:	0 %
Runout Air Velocity:	502 Feet/Minute	Actual Winter Infiltration Air:	40 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	18 CFM allocated
Actual Loss:	0.110 In.wg/100 Ft.		

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
E -WALL-12D 19 X 8	116	0.080	3.4	399	2.0	0	228
S -WALL-12D 12 X 8	66	0.080	3.4	227	2.0	0	130
E -DOOR-10D 3 X 7	21	0.460	19.8	415	11.3	0	238
E -GLAS-3C 2-P O-4 S-1 65%S	15	0.725	31.2	468	40.1	0	601
S -GLAS-3C 2-P O-4 S-1 100%S	30	0.725	31.2	935	23.4	0	702
UP-CEIL-16G DARK 12 X 19	228	0.033	1.4	324	1.5	0	339
FLOOR-22A 31 FT	31	0.810	34.8	1,080	0.0	0	0
Subtotals for structure:	507			3848		0	2238
Infiltration: Winter: 40.5, Summer: 18.0:	66		29.015	1,915	6.303	627	416
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	288	0.100	0	445
Active People: 230 lat/per, 300 sen/per:	6					1,380	1,800
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							4899
Temperature Swing Multiplier:							X1.00
Room Totals:				6,051		2,007	4,899



Cooling and Heating Loads Bar Graphs



CIMARRON (C) 2007

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 14-3S-16-02117-205

Building permit No. 000024161

Use Classification SFD, UTILITY

Fire: 39.06

Permit Holder DION TAYLOR

Waste: 117.25

Owner of Building KEITH & REGINA THOMPSON

Total: 156.31

Location: 121 NW CIMARRON WAY (MOORE HAVEN LOT 5)

Date: 03/19/2007

John W. arco

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



FOOTER 10" X 20"
CONCRETE BLOCK 8" X 16"

FOUNDATION PLAN
SCALE 1/4" = 1'

3'-0"

17'-0"

3'-0"

13'-0"

30'-0"

44'-0"

30'-0"

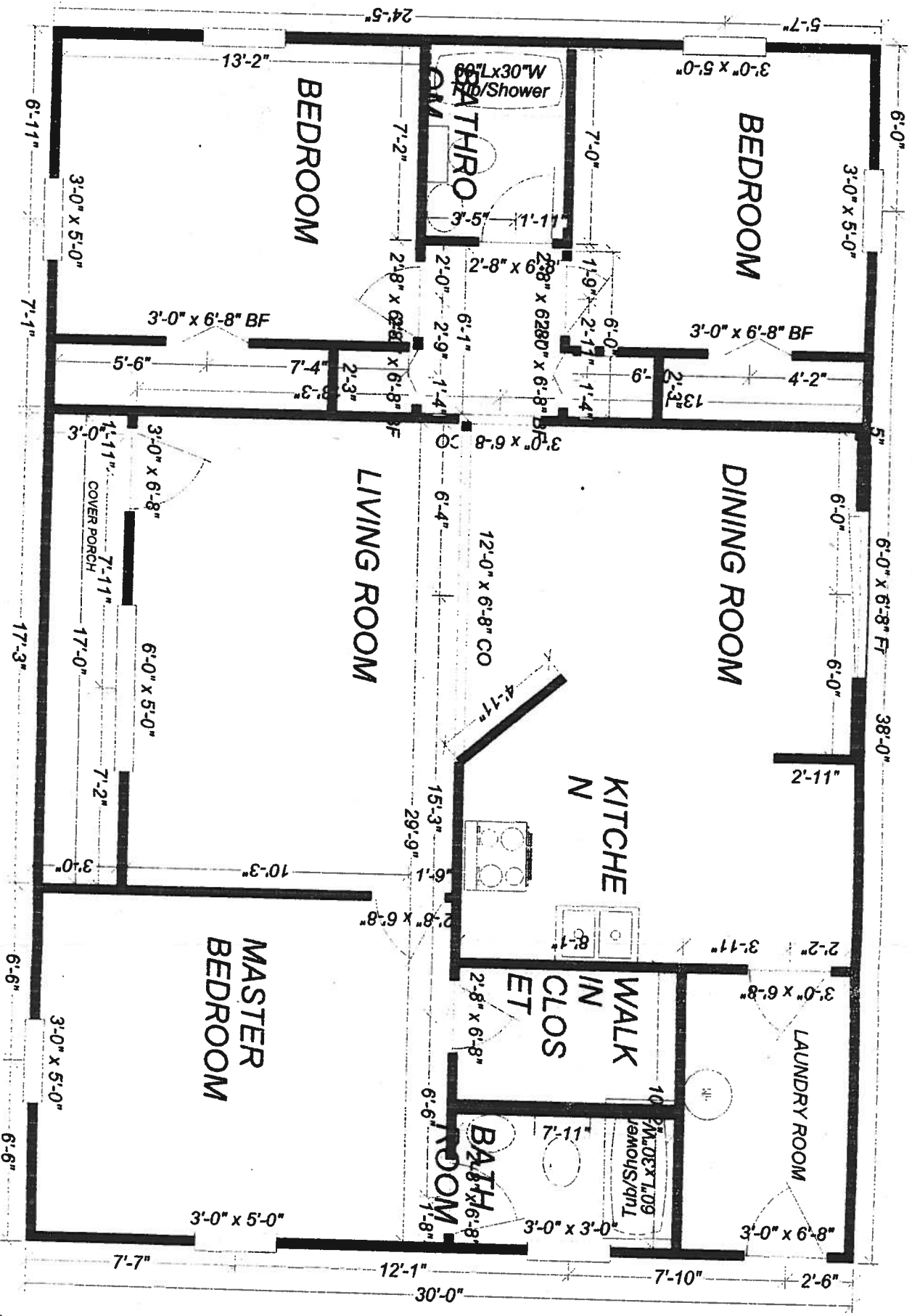
DION TAYLOR
~~BROWN STREET~~

121 NW C. Mason way

DESIGNER BY DION
TAYLOR

13m
445m
2#

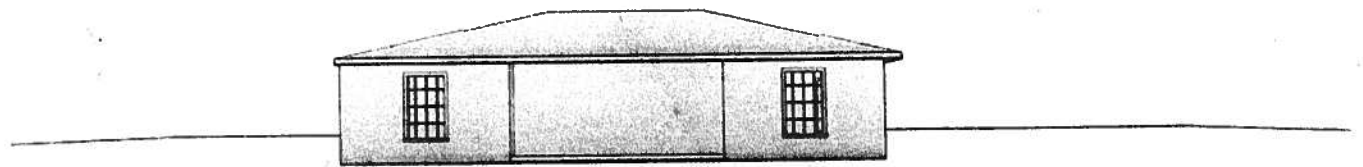
DION TAYLOR
BROWN 12th NW Cimarron Way
STREET



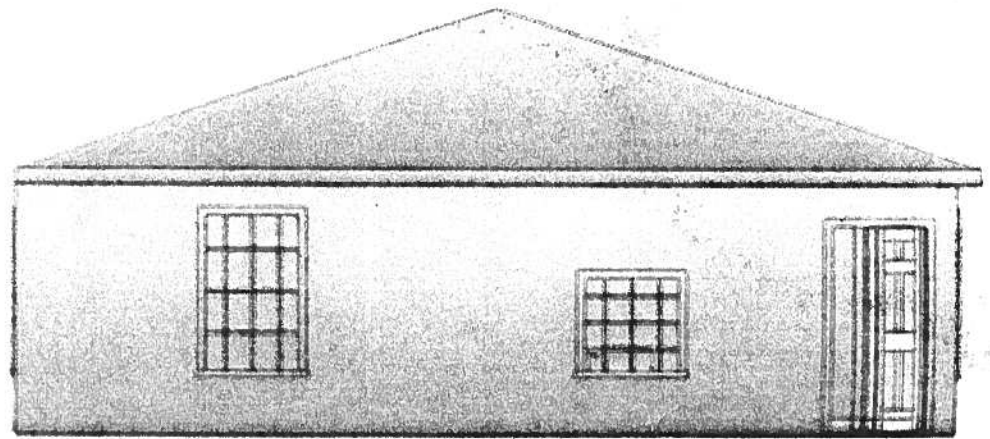
MAIN FLOOR PLAN
SCALE 1/4" = 1'

LIVING	1269
COVER PORCH	51
TOTAL	1320

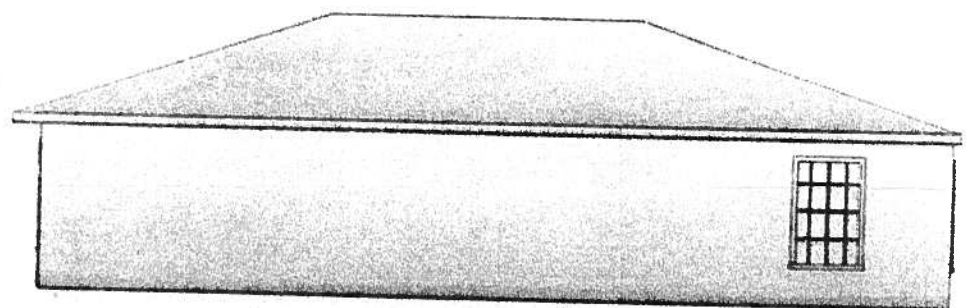
DESIGNER DION
TAYLOR
BEDROOM
WINDOW SIZE 3'
X 5'
BATHROOM
WINDOW SIZE 3'
X 3'
BATHROOM
DOOR SIZE 32" X
80"



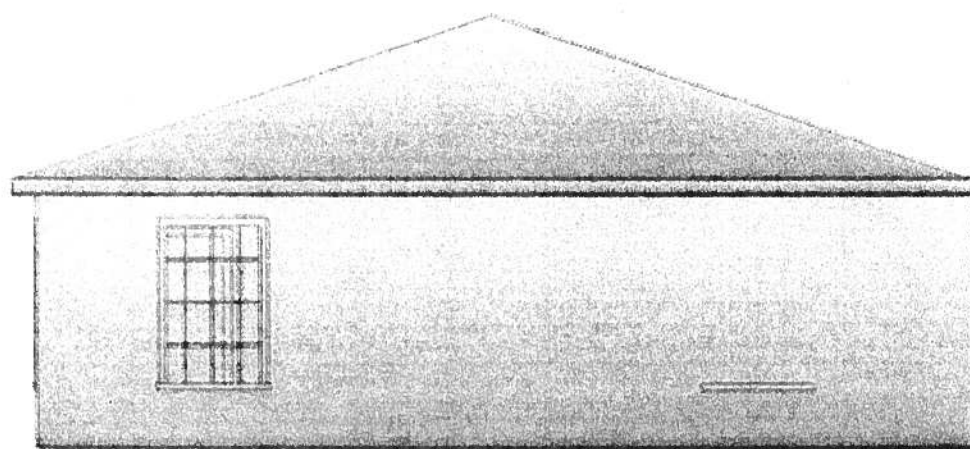
FRONT ELEVATION
SCALE 1/4" = 1'



RIGHT ELEVATION
SCALE 1/4" = 1'
5/12 HIP PITCH ROOF



REAR ELEVATION
SCALE 1/4" = 1'
5/12 HIP PITCH ROOF
3' WALL WITH OVERHANG OF 2'
TRUSS HEIGHT 85"



LEFT ELEVATION
SCALE 1/4" = 1'
5/12 HIP PITCH ROOF
8' WALL WITH OVERHANG OF 2'
TRUSS HEIGHT 85"