

DATE 12/07/2005

Columbia County Building Permit

PERMIT 000023944

This Permit Expires One Year From the Date of Issue

PHONE 386.497.3722

APPLICANT THOMAS & LEILA DORR

FT. WHITE

ADDRESS 177 SW CONESTOGA WAY

PHONE 386.497.3722

FT. WHITE

ADDRESS 177 SW CONESTOGA WAY

LOCATION OF PROPERTY

47-S TO US 27 TO SHILOH RD, TR GO 1 1/2 MILES TO CONESTOGA

WAY TO 1ST. DRIVEWAY ON L.

TYPE DEVELOPMENT

ADD TO SFD

ESTIMATED COST OF CONSTRUCTION

53250.00

HEATED FLOOR AREA

1065.00

TOTAL AREA

1739.00

HEIGHT

16.00

STORIES

1

FOUNDATION CONC

WALLS FRAMED

ROOF PITCH

5/12

FLOOR CONC

MAX. HEIGHT

35

LAND USE & ZONING

A-3

Minimum Set Back Requirements:

STREET-FRONT

30.00

REAR

25.00

SIDE

25.00

NO. EX.D.U.

0

FLOOD ZONE

X

PARCEL ID 14-7S-16-04226-102

SUBDIVISION

SHILOH RIDGE S/D UNREC.

LOT 2

BLOCK

PHASE

UNIT

TOTAL ACRES

10.00

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

Driveway Connection

PRIVATE

Septic Tank Number

05-1044-E

BLK

LU & Zoning checked by

JTH

Approved for Issuance

N

New Resident

COMMENTS: 1 FOOT ABOVE ROAD

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power

Foundation

Monolithic

(Footer/Slab)

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

Framing

date/app. by

Rough-in plumbing above slab and below wood floor

date/app. by

Electrical rough-in

date/app. by

Heat & Air Duct

Peri. beam (Lintel)

date/app. by

Permanent power

date/app. by

C.O. Final

date/app. by

Culvert

date/app. by

M/H tie downs, blocking, electricity and plumbing

date/app. by

Pool

date/app. by

Reconnection

date/app. by

Pump pole

date/app. by

Utility Pole

date/app. by

Re-roof

date/app. by

M/H Pole

date/app. by

Travel Trailer

date/app. by

CLERKS OFFICE

INSPECTORS OFFICE

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$

CULVERT FEE \$

TOTAL FEE

362.40

MISC. FEES \$

.00

ZONING CERT. FEE \$

50.00

FIRE FEES \$

.00

WASTE FEE \$

8.70

BUILDING PERMIT FEE \$

270.00

CERTIFICATION FEE \$

8.70

SURCHARGE FEE \$

8.70

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY, AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES. "WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only	Application #	0511-88	Date Received	11-28-05	By	23944	Permit #	23944
	Application Approved by - Zoning Official	BUS	Date	281105	Plans Examiner	OK 511	Date	12-7-05
	Flood Zone	X	Development Permit	M/A	Zoning	A-3	Land Use Plan Map Category	A-3
	Comments	CY#1110 - NEED LOG - 2-5-06 1st Inspected						

Applicants Name	THOMAS DORE	Phone	836-497-3722
Address	177 SW CONESTOGA WAY FT. WHITE, FL. 32038		
Owners Name	THOMAS & LEILA DORE	Phone	836-497-3722
911 Address	177 SW CONESTOGA WAY FT. WHITE 32038		
Contractors Name	owner builder	Phone	
Address			

Fee Simple Owner Name & Address	NONE		
Bonding Co. Name & Address	NONE		
Architect/Engineer Name & Address	BRUCE BARREN 4401 NW 21st TERRACE GAINESVILLE 32605		
Mortgage Lenders Name & Address	NONE		

Circle the correct power company -	FL Power & Light	-	Clay Elec.	-	Suwannee Valley Elec.	-	Progressive Energy
Property ID Number	R 04226-102 14-75-16						
Subdivision Name	SHILOH RIDGE						
Driving Directions	GOING S. ON US 27 TURN RT. ON SHILOH						
	CONTINUE WEST 1/4 MI. TO CONESTOGA WAY TO 1ST DRIVEWAY ON LEFT.						

Type of Construction	FRAME - Addition						
Total Acreage	10.4	Lot Size	660x660	Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive			
Actual Distance of Structure from Property Lines - Front	293'	Side	236'	Side	360'	Rear	300'
Total Building Height	16'	Number of Stories	1	Heated Floor Area	1905	Roof Pitch	5/12
Perches	98	Gross	576	TOTAL	1739	NEW CONDTION 1065	

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

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

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

Owner Builder or Agent (Including Contractor) Thomas Dore

STATE OF FLORIDA	COUNTY OF COLUMBIA
Sworn to (or affirmed) and subscribed before me	
his 25th day of Oct.	2005
Personally known	or Produced Identification

Notary Signature	<u>Theresa Dore</u>
Notary Seal	
Contractor Signature	<u>Thomas Dore</u>
License Number	
Card Number	
MP/SEAL	

[illegible]

This information, GIS Map Updated: 8/3/2005, 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.

Return To: Sunbelt Title Agency
2211 Lee Road, Suite 218
Winter Park, FL 32789

This Trustee's Deed

Made this 2nd day of June, 2005 by
**THOMAS F. HENDERSON, TRUSTEE of THOMAS
F. HENDERSON AND ANNIE P. HENDERSON
TRUST UNDER TRUST DATED 4-23-86**

hereinafter called the grantor, to
**THOMAS DORR AND LEILA DORR, HUSBAND
AND WIFE**

whose post office address is:
**177 SOUTHWEST CONESTOGA WAY
FT WHITE, FL 32038**

Inst: 2005013703 Date: 06/10/2005 Time: 12:44
Doc Stamp-Deed : 840.00
DC, P. Dewitt Cason, Columbia County B: 1048 P: 1688

hereinafter called the grantee:
(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives
and assigns of individuals, and the successors and assigns of corporations)
Witnesseth, that the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof
is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that
certain land situate in **COLUMBIA** County, Florida, viz:

PARCEL NO. 2:

THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4, SECTION 14, TOWNSHIP 7 SOUTH,
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA. THE WEST 30 FEET OF SAID LANDS BEING SUBJECT TO AN
EASEMENT FOR INGRESS AND EGRESS.

EASEMENT "B":

A STRIP OF LAND 60 FEET IN WIDTH BEING 30 FEET EACH SIDE OF A CENTERLINE DESCRIBED AS
FOLLOWS: COMMENCE AT THE SOUTHEAST CORNER OF THE SOUTHWEST 1/4, SECTION 14, TOWNSHIP 7
SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE NORTH 00 DEG. 50 MIN. 04 SEC.
WEST ALONG THE EAST LINE OF SAID SOUTHWEST 1/4, 666.66 FEET, THENCE SOUTH 89 DEG. 04 MIN. 44
SEC. WEST, 1321.20 FEET TO THE EAST LINE OF THE WEST 1/2 OF SAID SOUTHWEST 1/4 AND TO THE
POINT OF BEGINNING, THENCE CONTINUE NORTH 00 DEG. 50 MIN. 20 SEC. WEST ALONG SAID
CENTERLINE ALONG SAID EAST LINE OF WEST 1/2 OF SOUTHWEST 1/4, 1986.71 FEET TO THE NORTHEAST
CORNER OF THE NORTHWEST 1/4 OF SAID SOUTHWEST 1/4, THENCE NORTH 00 DEG. 50 MIN. 22 SEC.
WEST, ALONG THE EAST LINE OF THE SOUTHWEST 1/4 OF NORTHWEST 1/4 OF SAID SECTION 14, 14.50
FEET TO THE SOUTH MAINTAINED RIGHT OF WAY LINE OF SHILOH ROAD AND TO THE POINT OF
TERMINATION.

SAID LAND BEING ALSO KNOWN AS LOT 2, OF UNRECORDED SHILOH RIDGE SUBDIVISION, COLUMBIA
COUNTY, FLORIDA.

Subject to covenants, restrictions, assessments of record and taxes for the current year.

Parcel Identification Number: R04226-102

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.
To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the
grantor has good right and lawful authority to sell and convey said land; that the grantor hereby warrants the title to said land
and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except
taxes accruing subsequent to December 31, < - year taxes accrue >
In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

THOMAS F. HENDERSON AND ANNIE P.

hereinafter called the grantee:
(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)
Witnesseth, that the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, alien, remises, releases, conveys and confirms unto the grantee, all that certain land situate in COLUMBIA County, Florida, viz:

PARCEL NO. 2:

THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4, SECTION 14, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA. THE WEST 30 FEET OF SAID LANDS BEING SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS.

EASEMENT "B":

A STRIP OF LAND 60 FEET IN WIDTH BEING 30 FEET EACH SIDE OF A CENTERLINE DESCRIBED AS FOLLOWS: COMMENCE AT THE SOUTHEAST CORNER OF THE SOUTHWEST 1/4, SECTION 14, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE NORTH 00 DEG. 50 MIN. 04 SEC. WEST ALONG THE EAST LINE OF SAID SOUTHWEST 1/4, 666.66 FEET, THENCE SOUTH 89 DEG. 04 MIN. 44 SEC. WEST, 1321.20 FEET TO THE EAST LINE OF THE WEST 1/2 OF SAID SOUTHWEST 1/4 AND TO THE POINT OF BEGINNING, THENCE CONTINUE NORTH 00 DEG. 50 MIN. 20 SEC. WEST ALONG SAID CENTERLINE ALONG SAID EAST LINE OF WEST 1/2 OF SOUTHWEST 1/4, 1986.71 FEET TO THE NORTHEAST CORNER OF THE NORTHWEST 1/4 OF SAID SOUTHWEST 1/4, THENCE NORTH 00 DEG. 50 MIN. 22 SEC. WEST, ALONG THE EAST LINE OF THE SOUTHWEST 1/4 OF NORTHWEST 1/4 OF SAID SECTION 14, 14.50 FEET TO THE SOUTH MAINTAINED RIGHT OF WAY LINE OF SHILOH ROAD AND TO THE POINT OF TERMINATION.

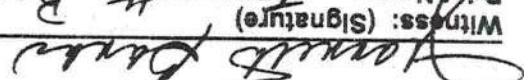
SAID LAND BEING ALSO KNOWN AS LOT 2, OF UNRECORDED SHILOH RIDGE SUBDIVISION, COLUMBIA COUNTY, FLORIDA.

Subject to covenants, restrictions, easements of record and taxes for the current year.

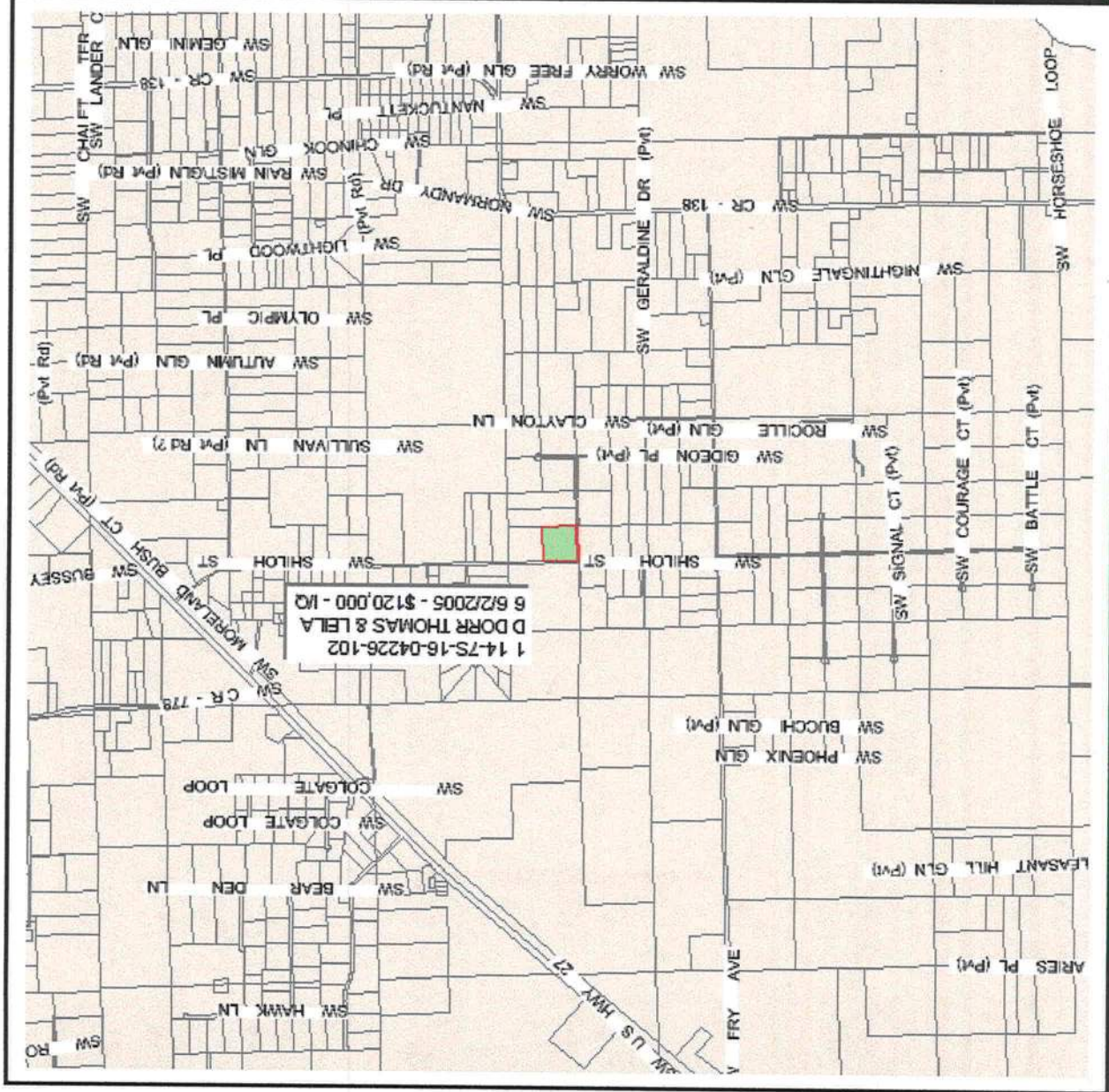
Parcel Identification Number: R04226-102

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.
To Have and to Hold, the same in fee simple forever.
And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, < - year taxes accrue >
In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness: (Signature) 
Print Name: Charlotte C. Dixon
Witness: (Signature) 
Print Name: Jeanette Banks

THOMAS F. HENDERSON AND ANNIE P. HENDERSON TRUST UNDER TRUST DATED 4-23-86
By: Thomas F. Henderson, Trustee
PO BOX 4285
DOWLING PARK, FL 32064



Columbia County Property Appraiser

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

PARCEL: 14-7S-16-04226-102 - SINGLE FAM (000100)

NW1/4 OF NE1/4 OF SW1/4. (AKA LOT 2 SHILOH RIDGE S/D UNREC) ORB 825-

157, 963-219.

Name: DORR THOMAS & LEILA

Site: CONESTOGA

Mail: 177 SW CONESTOGA WAY

FT WHITE, FL 32038

Sales 6/2/2005 \$120,000.00 / Q

Info 9/17/2002 \$29,000.00V / Q

7/15/1996 \$25,000.00V / Q

LandVal

\$32,000.00

BldgVal

\$43,964.00

ApprVal

\$77,428.00

JustVal

\$77,428.00

Assd

\$77,428.00

Exmpt

\$0.00

Taxable

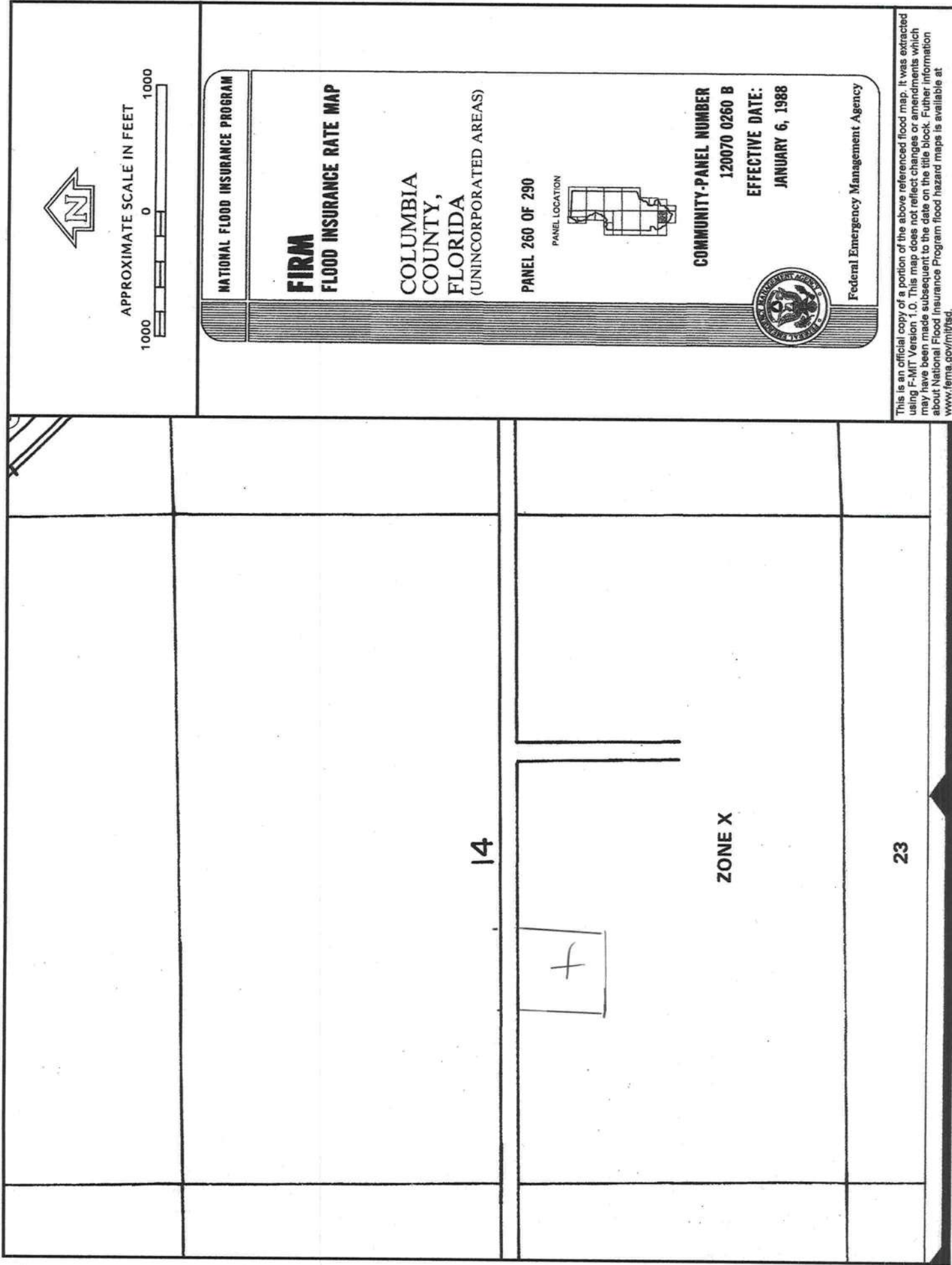
\$77,428.00



0 0.2 0.4 0.6 mi



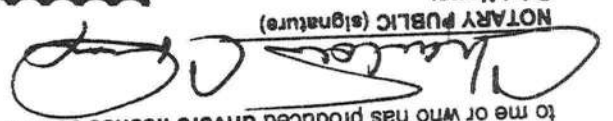
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This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information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

State of Florida
County of Alachua

The foregoing instrument was acknowledged before me this 2nd day of June, 2005, by THOMAS F. HENDERSON, TRUSTEE OF THE THOMAS F. HENDERSON AND ANNIE P. HENDERSON TRUST UNDER TRUST DATED 4-23-86, who is personally known to me or who has produced drivers license as identification.



NOTARY PUBLIC (signature)

Print Name:

My Commission Expires:

Stamp/Seal:

Prepared by and Returned to:

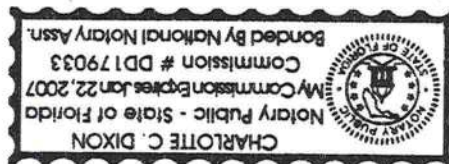
Charlotte Dixon

Professionals' Title Company, LLC

4141 NW 37th Pl

Gainesville, FL 32606

File Number: 581050056



Inst: 2005013703 Date: 06/10/2005 Time: 12:44

Doc Stamp-Deed : 840.00

DC, P. Dewitt Cason, Columbia County B: 1048 P: 1689



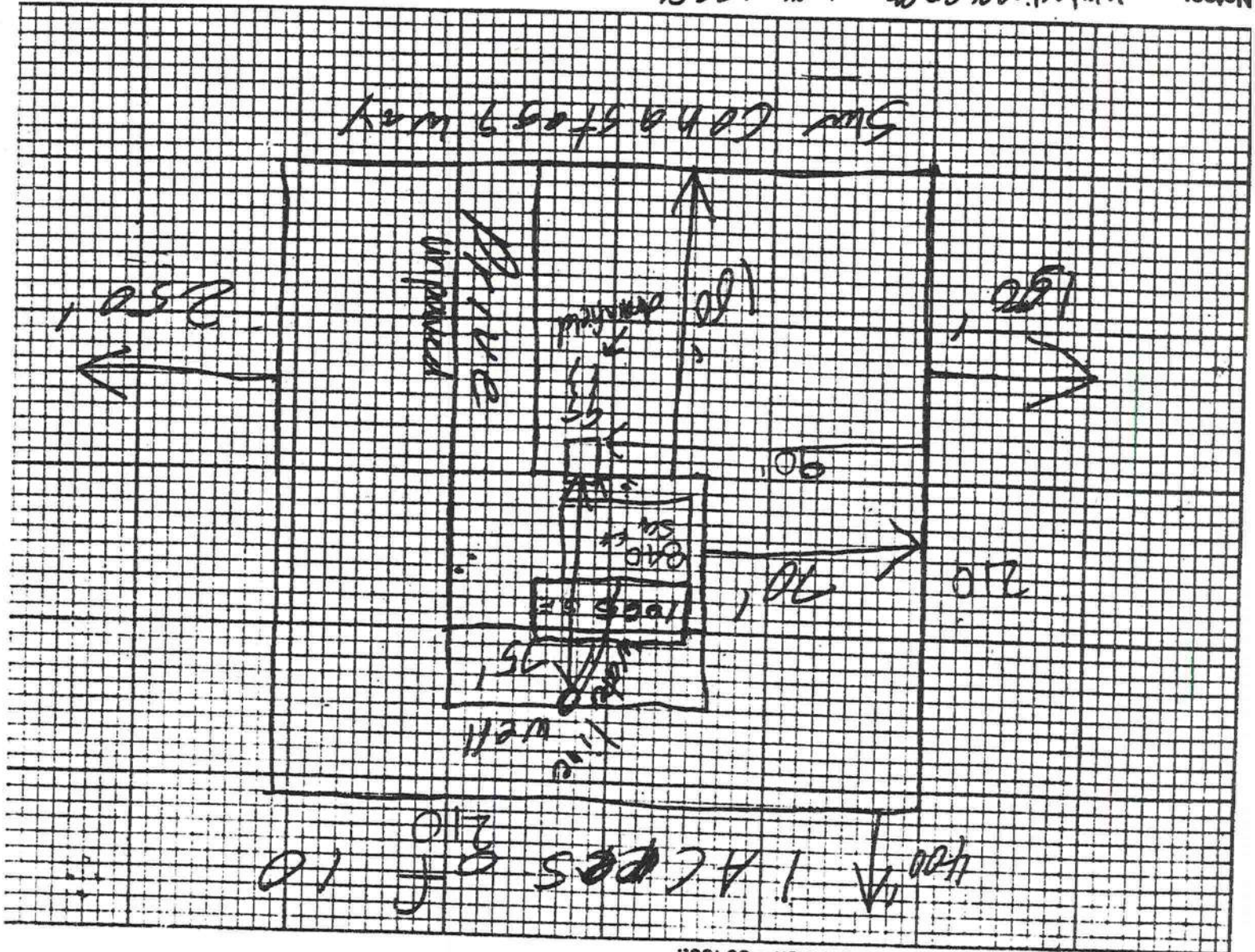
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

05J644E

PART II - SITE PLAN

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



Notes: Wktline 250 ft., well 7.5 ft.

* Trees near drainfield will need to be extracted.

Site Plan submitted by:

Plan Approved *K. Sauer*

Not Approved

Signature

Thomas R. R...

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

County Health Department

Date

10.14.05

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling
☐ Farm Outbuilding
☐ New Construction

- ☒ Addition, Alteration, Modification or other Improvement
☐ Two-Family Residence
☐ Other

NEW CONSTRUCTION OR IMPROVEMENT

I, THOMAS DORR OR LEILA DORR, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Signature _____

Date _____

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date _____ Building Official/Representative _____

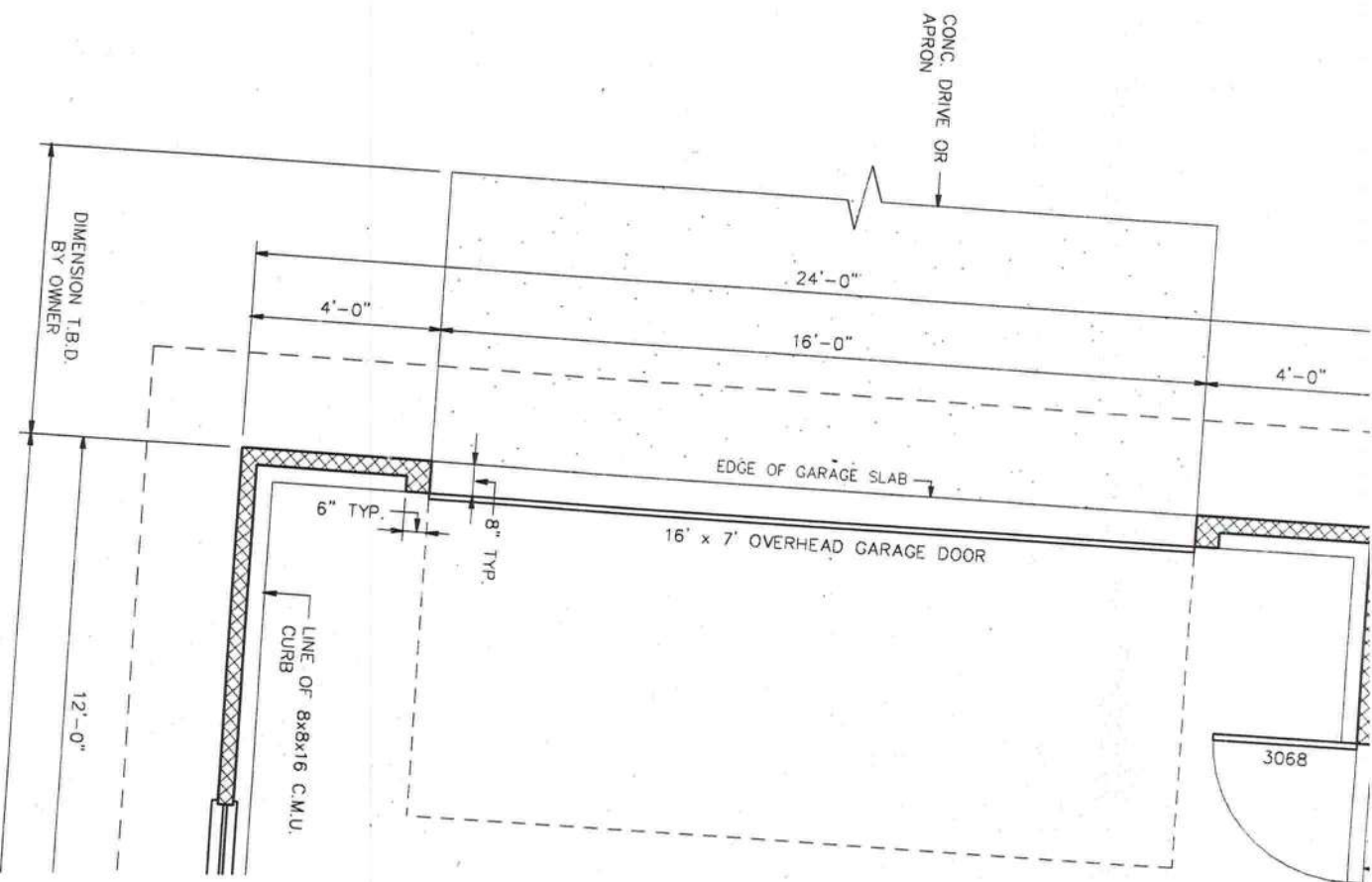
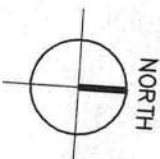
FOUNDATION NOTES

TRACTOR SHALL COORDINATE ALL BEARING WALLS
OR FINAL ROOF TRUSS FRAMING WITH FOUNDATION
CT ROOF TRUSS LAYOUT SHALL BE DETERMINED BY
MANUFACTURER.
THE WALL SECTION (SHEET-3) FOR BRICK VENEER
(ION)
#5 VERTICAL REBAR IN STEM WALLS SHALL BE
BY WIND LOAD ENGINEERING REQUIREMENTS.
AL CONCRETE SHALL REACH A COMPRESSIVE
3000 P.S.I. AT 28 DAYS

SQUARE FOOTAGE			
	NEW CONSTRUCTION	EXISTING CONSTRUCTION	TOTAL
CONDITIONED	1065	840	1905
COVERED PORCHES	98	280	378
GARAGE	576	0	576
CONC. PATIO	268	0	268

FLOOR PLAN

1/4"=1'-0"



Residential buildings: Subchapter 13-6, residential buildings compliance methods.

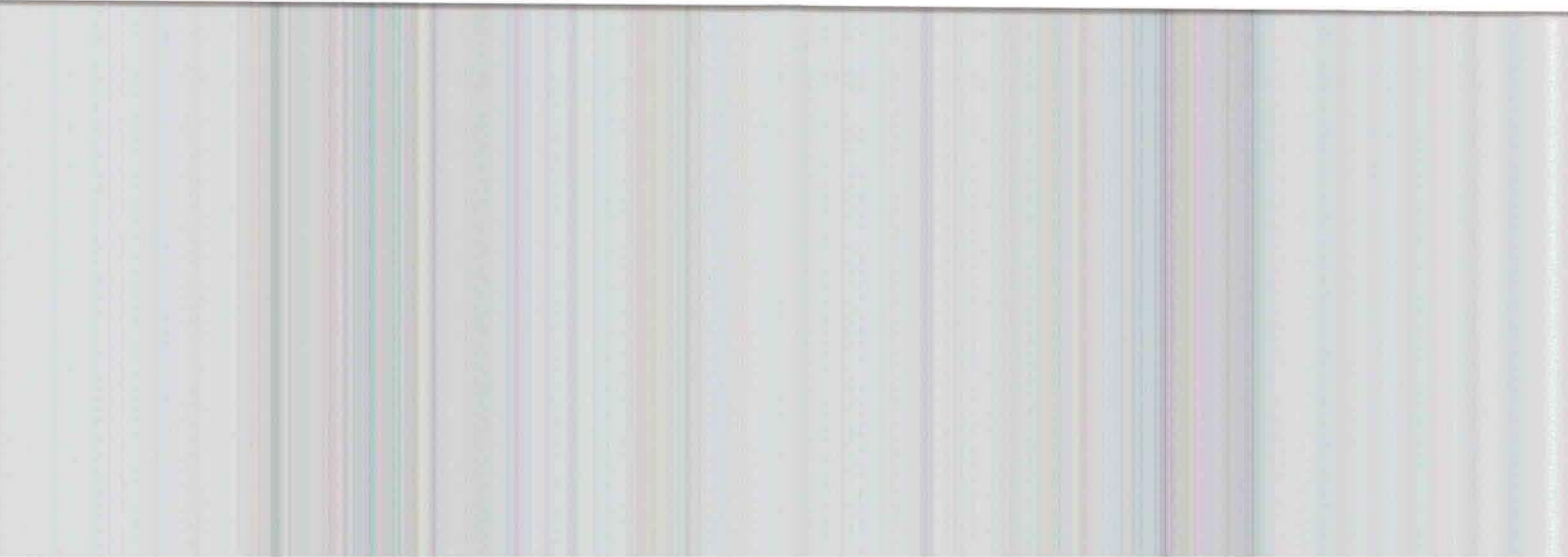
1. On the elevation plan show the total height (in feet) of the proposed addition from established grade to the roof peak of the cupola.
2. Please have Mr. William Freeman of Freeman Design Group show a foundation plan showing all foundation section designs described on sheet S-4.
3. Have Mr. William Freeman of Freeman Design Group show a detail of the cupola roof truss system, providing a conventional framing layout including: rafter size, species and spacing and attachment to walls and engineering design uplift requirements.
4. Please comply with the FBC-2004 section 13-101.2 Energy Calculations for

Please include application number 0511-88 when making reference to this application.

On the date of November 29, 2005 application 0511-88 and plans for construction of an addition onto a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

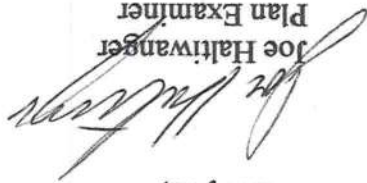
Reference to: Build permit application Number:
0511-88
Thomas Dorr Owner/Builder 177 SW Conestoga Way

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529



Single-family residential buildings and multiple-family buildings of three stories or less shall comply with this chapter of the code. This subchapter contains three compliance methods: Method A: Whole building performance method, Method B: component prescriptive method, Method C: limited applications prescriptive method. Also include a manual J performance calculations data sheet.

Thank you,



Joe Haltiwanger
Plan Examiner

Columbia County Building 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 RD 4226-102

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

PARCEL #2: THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE
SOUTHWEST 1/4, SECTION 14, TOWNSHIP 7 SOUTH, RANGE 10
EAST, COLUMBIA COUNTY, FLORIDA. THE WEST 30 FEET OF
SAID LANDS BEING SUBJECT TO AN EASEMENT FOR
INGRESS AND EGRESS.

2. General description of improvement: 1000 S.F. & GARAGE ADDITION

3. Owner Name & Address THOMAS & LELA DORE 177 SW COLESTOCK WAY
F.T. WHITE, FL. 32038

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

5. Contractor Name SAME Phone Number _____

6. Surety Holders Name NONE Phone Number _____

Amount of Bond _____

7. Lender Name NONE

Inst: 2005030441 Date: 12/08/2005 Time: 11:07
DC, P. Dewitt Cason, Columbia County B: 1067 P: 1582

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 THOMAS DORE

Address 177 SW COLESTOCK WAY, F.T. WHITE 32038
Phone Number 836-497-3722

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

(a) 7. Phone Number of the designee _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

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

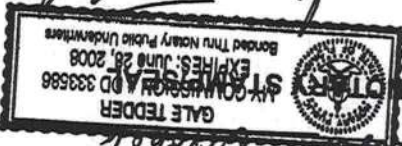
NOTICE AS PER CHAPTER 713, Florida Statutes:

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

Signature of Owner

Thomas Dore

Signature of Notary



Sworn to (or affirmed) and subscribed before me on _____ day of _____, 2005

386-418-88 0511-85

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR

FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

- WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.
- 1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
 - 2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
 - 3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant ☒ Plans Examiner ☒

All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.

Site Plan Including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC
 - a. Basic wind speed (MPH)
 - b. Wind importance factor (I) and building category
 - c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
 - d. The applicable internal pressure coefficient
 - e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories

See Note

- Floor Plan including:**
- a) Rooms labeled and dimensioned
 - b) Shear walls
 - c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
 - d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
 - e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
 - f) Must show and identify accessibility requirements (accessible bathroom)
- Foundation Plan including:**
- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
 - b) All posts and/or column footing including size and reinforcing
 - c) Any special support required by soil analysis such as piling
 - d) Location of any vertical steel
- Roof System:**
- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by FI. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
 - b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- Wall Sections including:**
- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termicide or alternative method)
 - 10. Slab on grade
 - a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

See Note 3

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
- a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
- b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)
- c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)
- Floor Framing System:**
 - a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
 - b) Floor joist size and spacing
 - c) Girder size and spacing
 - d) Attachment of joist to girder
 - e) Wind load requirements where applicable
- Plumbing Fixture layout**
- Electrical layout including:**
 - a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
 - b) Ceiling fans
 - c) Smoke detectors
 - d) Service panel and sub-panel size and location(s)
 - e) Meter location with type of service entrance (overhead or underground)
 - f) Appliances and HVAC equipment
 - g) Arc Fault Circuits (AFCI) in bedrooms
- HVAC information**
 - a) Manual J sizing equipment or equivalent computation
 - b) Exhaust fans in bathroom
- Energy Calculations** (dimensions shall match plans)
- Gas System** Type (LP or Natural) Location and BTU demand of equipment
- Disclosure Statement for Owner Builders**
- ***Notice Of Commencement Required Before Any Inspections Will Be Done**
- Private Potable Water**
 - a) Size of pump motor
 - b) Size of pressure tank
 - c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)

4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is \$50.00

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE - TIME WILL NOT ALLOW THIS - PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE

COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR

AN APPOINTMENT TIME AND DATE.

YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE

TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY

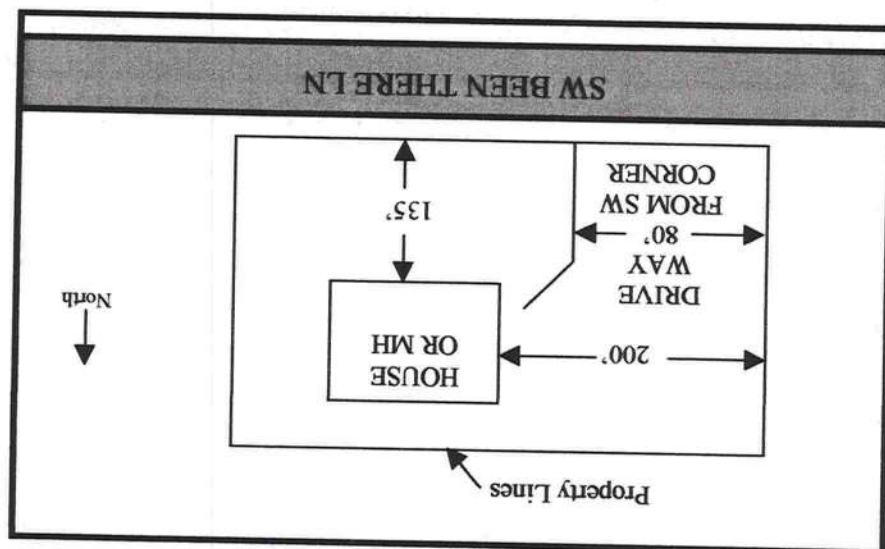
EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

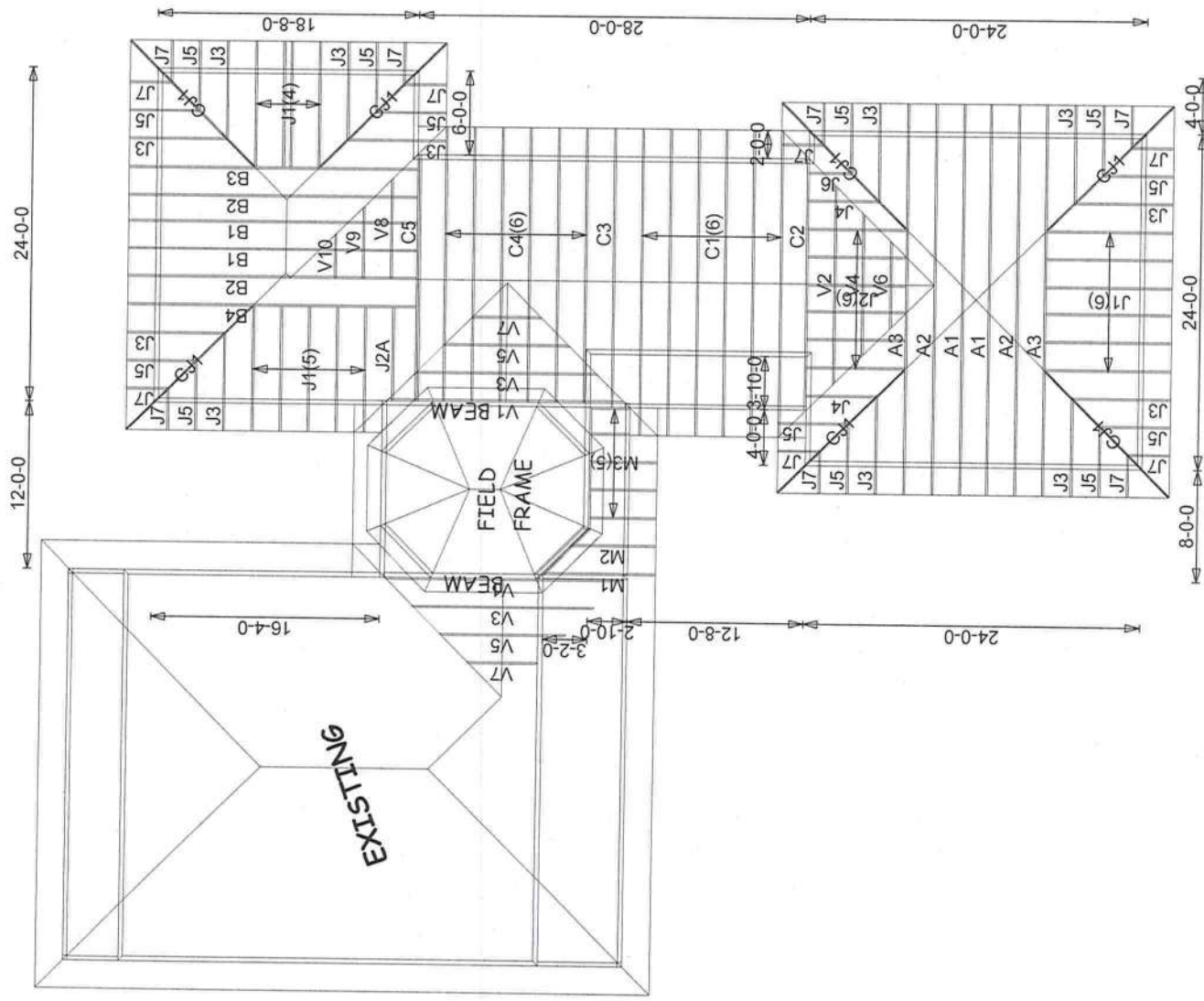
1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123") FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES

- a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
- b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
- c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.



Mayo Truss Co. Inc.

362 NE CLYDE AVE.
MAYO, FL 32066
(386) 294-3988
(877)-558-6262

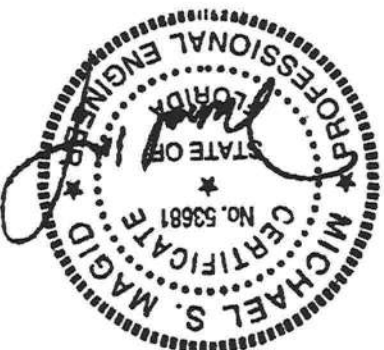
TOM DORR

Roof Loading
TC Live: 20.00 psf
TC Dead: 10.00 psf
BC Live: 0.00 psf
BC Dead: 10.00 psf
TC Stress Inc: 25.00
BC Stress Inc: 25.00
Spacing: 2'-0" o.c.

Account: INDIVIDUAL
Job: DORR
Designer: A. HIGHSMITH
Checker: M.MURRAY
Date: 10-24-05

110 MPH ASCE WIND LOAD

[Handwritten Signature]



Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 10/20/2005

Date	Mark
1	10/20/05 A1
5	10/20/05 B2
9	10/20/05 C2
13	10/20/05 C1
17	10/20/05 J3
21	10/20/05 J7
25	10/20/05 V1
29	10/20/05 V5
33	10/20/05 V9

Date	Mark
2	10/20/05 A2
6	10/20/05 B3
10	10/20/05 C3
14	10/20/05 J1
18	10/20/05 J4
22	10/20/05 M1
26	10/20/05 V2
30	10/20/05 V6
34	10/20/05 V10

Date	Mark
3	10/20/05 A3
7	10/20/05 B4
11	10/20/05 C4
15	10/20/05 J2
19	10/20/05 J5
23	10/20/05 M2
27	10/20/05 V3
31	10/20/05 V7

Date	Mark
4	10/20/05 B1
8	10/20/05 C1
12	10/20/05 C5
16	10/20/05 J2A
20	10/20/05 J6
24	10/20/05 M3
28	10/20/05 V4
32	10/20/05 V8

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibility for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-1995, Section 2.2. Permanent files of the original Truss Specification Sheet are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Software - Online Plus)

Job Number T05102084 Date 10/20/2005 FBC - 2004 Chapter 16 and 23 Specification Quantity 34

ROBBINS ENGINEERING, INC.
P.O. Box 280055
Tampa, FL 33682-0055
Phone: (813) 972-1135

Engineering Index Sheet
Index Page 1 of 1

Job Reference: DORR - TOM DORR

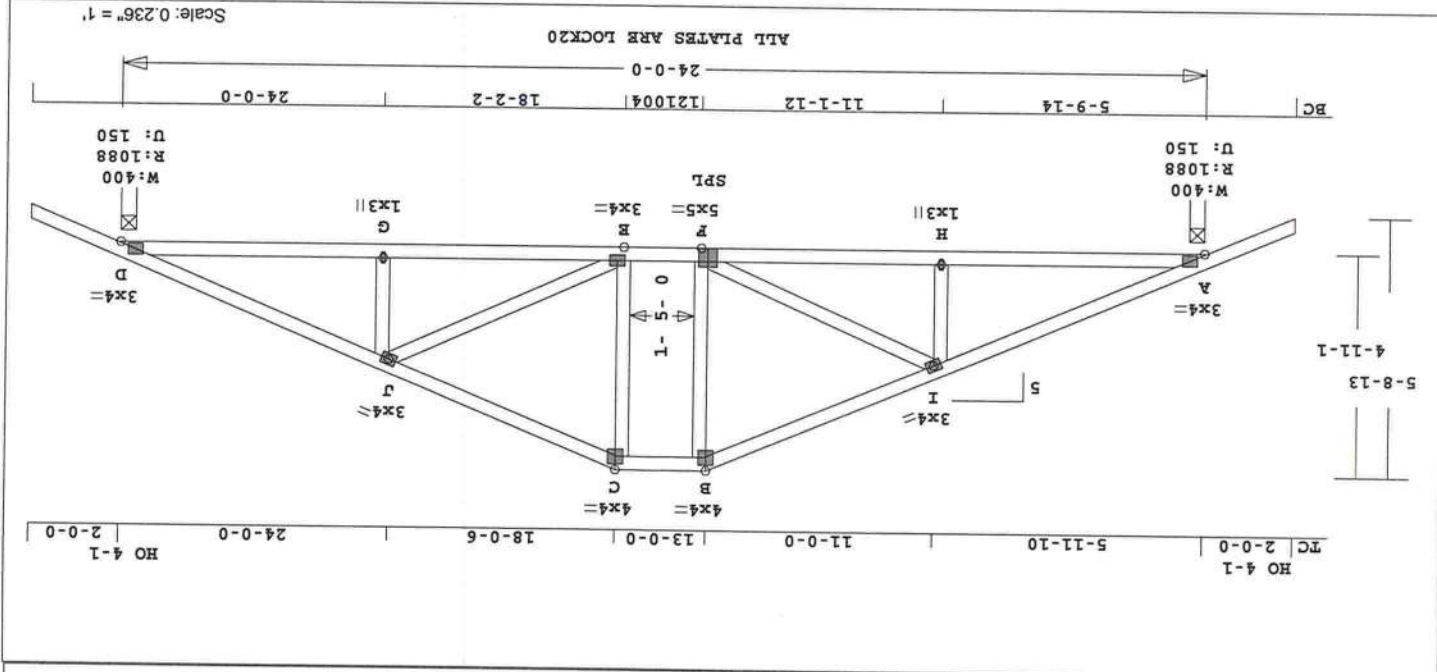
Truss Fabricator: Mayo Truss Company, Inc

The information in this box is for administrative purposes only and is not part of the engineering review.

Permit Number: _____
Lot Number: _____
Address: _____

Standard Loading:
T.C. Live 20 psf
T.C. Dead 10 psf
B.C. Live 0 psf
B.C. Dead 10 psf
Total 40 psf
ANSI/ASCE 7-02
Wind Speed - 110 mph
Mean Roof Ht. - 15 ft.
Exposure Category - B
Occupancy Factor - 1.00
Enclosed
Notes: Refer to individual truss design drawings for special loading conditions.

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
DORR	A1	2	HIPP	240000	5	2-0-0	2-0-0	T05102084
U# J#DORR TOM DORR								



Online Plus -- Version 18.0.014	
Run Date: 20-OCT-05	
CSI - Size - Lumber	
TC	0.27 2x 4 SP-#2
BC	0.39 2x 4 SP-#2
WB	0.23 2x 4 SP-#2
Brace truss as follows:	
O.C. From To	
TC Cont.	0-0-0 24-0-0
BC Cont.	0-0-0 24-0-0
Loading	
Live	20.0
Dead	10.0
(psf)	
Total	
Spacing	24.0"
Lumber Duration Factor	1.25
Plate Duration Factor	1.25
TC Fb=1.15 Fc=1.10 Ft=1.10	
BC Fb=1.10 Fc=1.10 Ft=1.10	
Plus 6 Wind Load Case(s)	
Plus 1 UBC LT Load Case(s)	
React Uplift Size Req'd	
Lbs	150
In-Sx In-Sx	4-0 1-5
A	1088
D	1088
Hz =	4-0 1-5
Hz =	4-0 1-5
Member CSI P Lbs Axl-CST-Bnd	
Top Chords	
A-I	0.27 1875 C 0.02 0.25
I-B	0.26 1330 C 0.01 0.25
B-C	0.06 1222 C 0.01 0.05
C-J	0.26 1330 C 0.01 0.25
J-D	0.27 1875 C 0.02 0.25
Bottom Chords	
A-H	0.39 1735 T 0.29 0.10
H-F	0.35 1735 T 0.29 0.06
F-E	0.26 1222 T 0.20 0.06
E-G	0.35 1735 T 0.29 0.06
G-D	0.39 1735 T 0.29 0.10

Web	
H-I	0.03 225 T
I-F	0.23 564 C
F-B	0.05 310 T
B-C	0.05 310 T
E-J	0.23 564 C
G-J	0.03 225 T
LT Defl -0.07" in F-E L/999	
TL Defl -0.15" in E-G L/999	
Shear // Grain in A-I 0.20	
Plates for each ply each face.	
PLATING CONFORMS TO TPI.	
REPORT: NER 691	
ROBBINS ENGINEERING, INC.	
BASED ON SP LUMBER	
USING GROSS AREA TEST.	
Plate - LOCK 20 Ga, Gross Area	
Jt Type Plt Size X Y JSI	
A	LOCK 3.0x 4.0 Ctr 0.86
I	LOCK 3.0x 4.0 Ctr 0.60
B	LOCK 4.0x 4.0 Ctr 0.93
C	LOCK 4.0x 4.0 Ctr 0.93
J	LOCK 3.0x 4.0 Ctr 0.60
D	LOCK 3.0x 4.0 Ctr 0.86
H	LOCK 1.0x 3.0 Ctr 0.81
F	LOCK 5.0x 5.0 Ctr 0.53
E	LOCK 3.0x 4.0 Ctr 0.56
G	LOCK 1.0x 3.0 Ctr 0.81

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysts Conforms To:
FBC2004
OH Loading
Soffit psf 2.0

Design checked for 10 psf non-concurrent LT on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1875 Lbs
Quality Control Factor 1.25





Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
110 mph
Wind Speed:
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1914 Lbs
Quality Control Factor 1.25

WEIGHT: 151.1 LBS
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

H - I	0.02	157 T
I - F	0.10	371 C
F - B	0.05	325 T
B - E	0.03	66 T
E - C	0.05	327 T
C - J	0.10	373 C
G - J	0.02	154 T

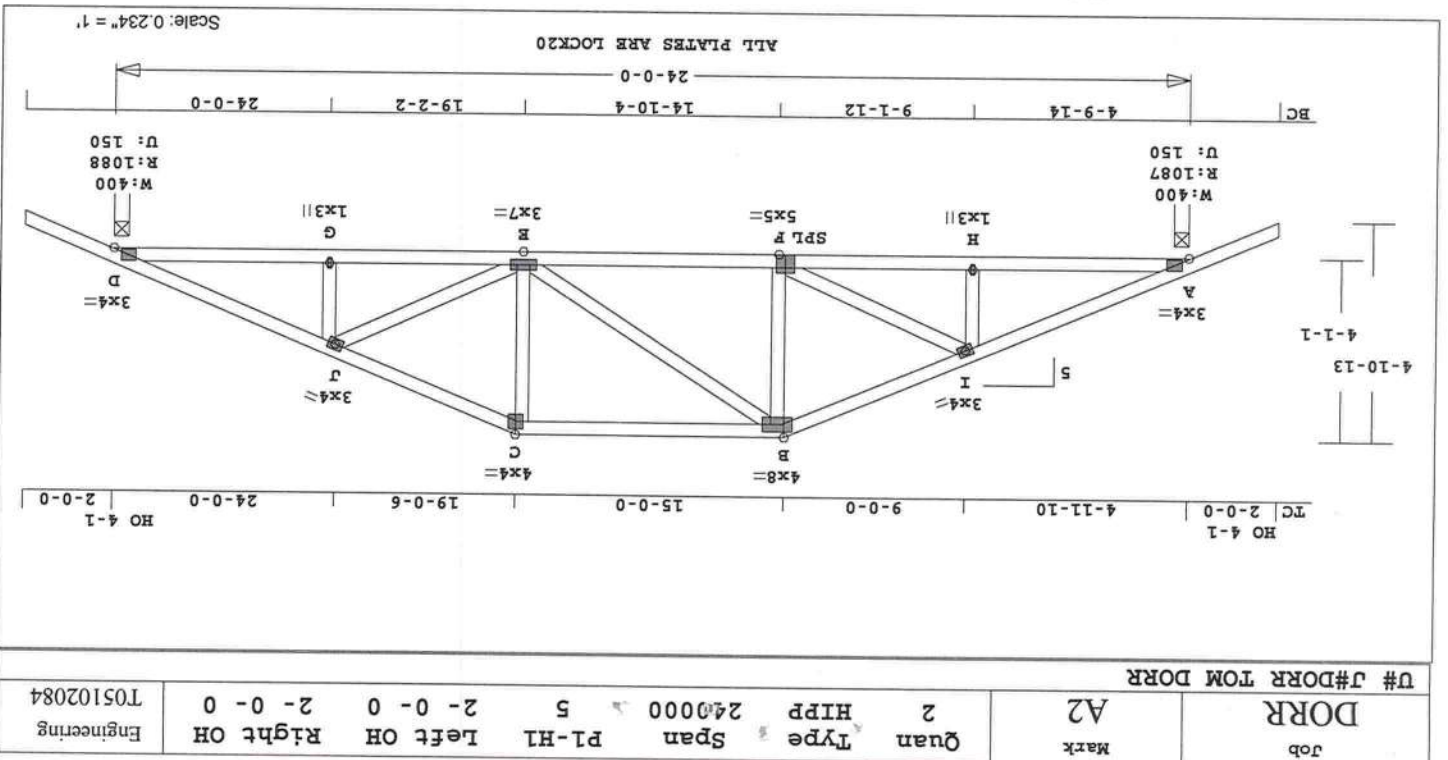
	Approx. Trans		Online plus™		Webs	
A-H	0.36	0.29	0.36	0.36	0.36	0.36
H-F	0.36	0.29	0.36	0.36	0.36	0.36
F-E	0.32	0.23	0.32	0.32	0.32	0.32
E-G	0.38	0.29	0.38	0.38	0.38	0.38
G-D	0.36	0.29	0.36	0.36	0.36	0.36

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

Tampa, FL 33682

-----Lumber-----									
TC	0.36	2x 4	SP-#2						
BC	0.38	2x 4	SP-#2						
WB	0.10	2x 4	SP-#2						
Brace truss as follows:									
			From	To					
			0-0-0	24-0-0	TC Conf.				
			0-0-0	24-0-0	BC Conf.				
O.C.									
			From	To					
			0-0-0	24-0-0	TC Conf.				
			0-0-0	24-0-0	BC Conf.				
Loading									
			Live	Dead	(psf)				
			20.0	10.0					
			0.0	10.0					
			20.0	20.0					
Total									
			20.0	40.0					
Spacing									
			24.0"						
			Lumber Duration Factor	1.25					
			Plate Duration Factor	1.25					
			TC Fb=1.15	Fc=1.10	Ft=1.10				
			BC Fb=1.10	Fc=1.10	Ft=1.10				
Plus 6 Wind Load Case(s)									
Plus 1 UBC TL Load Case(s)									
jt	React	Uplift	Size	Req'd					
			Lbs	In-Sk	In-Sk				
A	1088	150	4-0	1-5	-63				
D	1088	150	4-0	1-5	64				
Membr									
			CSI	P Lbs	AxI-CSI-Bnd				
-----Top Chords-----									
A-I	0.18	1914	C	0.03	0.15				
I-B	0.22	1540	C	0.01	0.21				
B-C	0.36	1428	C	0.02	0.34				
C-J	0.20	1541	C	0.01	0.19				
J-D	0.17	1914	C	0.03	0.14				
-----Bottom Chords-----									

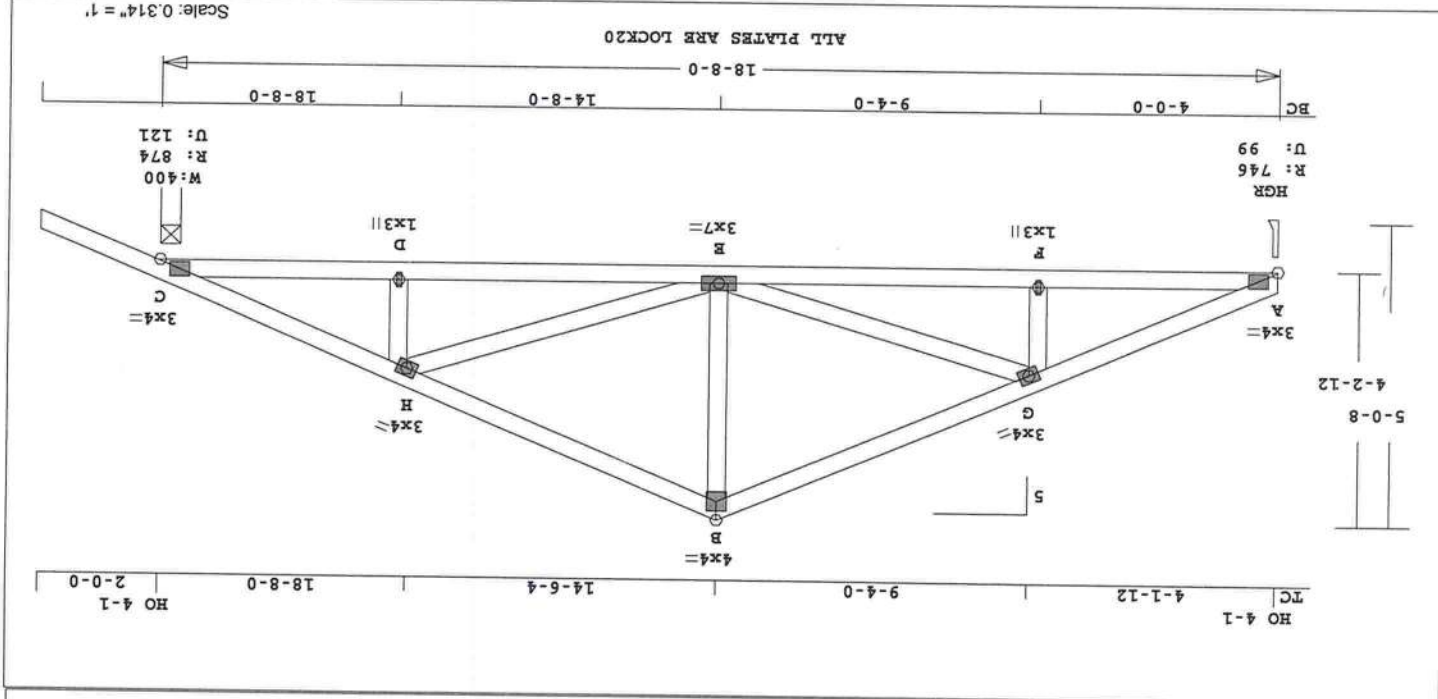
Online Plus -- Version 18.0.01
RUN DATE: 20-OCT-05



Truss Design Engineer: Michael S. Magid
License #: 33681
Address: P.O. Box 280055, Tampa, FL 33682

[illegible]

Job	DORR	U# J#DORR TOM DORR
Mark	B1	2
Quan	TR	Span
Left OH	5	150800
Right OH	0	2 - 0 - 0
Engineering	T05102084	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 110.2 LBS

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone Location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1476 lbs

Quality Control Factor 1.25

Online Plus -- Version 18.0.014

RUN DATE: 20-OCT-05

CSI - Size - Lumber

TC 0.22 2x 4 SP-#2

BC 0.34 2x 4 SP-#2

WB 0.18 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0 - 0 - 0 18 - 8 - 0

BC Cont. 0 - 0 - 0 18 - 8 - 0

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd

Lbs In-Sx In-Sx

A 747 99 3 - 8 1 - 0

C 875 122 4 - 0 1 - 1

HZ = -62

HZ = 63

Member CSI P Lbs Axl-CSI-Bnd

Top Chords

A - G 0.17 1476 C 0.01 0.16

G - B 0.22 982 C 0.01 0.21

B - H 0.22 982 C 0.01 0.21

H - C 0.17 1476 C 0.01 0.16

Bottom Chords

A - F 0.26 1368 T 0.22 0.04

F - E 0.34 1368 T 0.22 0.12

E - D 0.34 1368 T 0.22 0.12

D - C 0.26 1368 T 0.22 0.04

Web

F - G 0.02 165 T

G - E 0.18 484 C

E - B 0.07 454 T

H - H 0.18 484 C

D - H 0.02 165 T

TL Defl -0.04" in E - D L/999

TL Defl -0.10" in E - D L/999

Shear // Grain in G - B 0.18

Plating conforms to TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 3.0x 4.0 Ctr Ctr 0.77

G LOCK 3.0x 4.0 Ctr Ctr 0.54

B LOCK 4.0x 4.0 Ctr Ctr 0.63

H LOCK 3.0x 4.0 Ctr Ctr 0.54

C LOCK 3.0x 4.0 Ctr Ctr 0.77

F LOCK 1.0x 3.0 Ctr Ctr 0.81

E LOCK 3.0x 7.0 Ctr Ctr 0.52

D LOCK 1.0x 3.0 Ctr Ctr 0.81

REVIEWED BY:

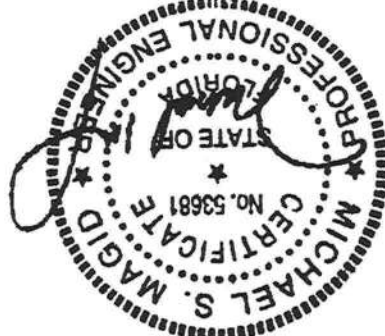
Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR



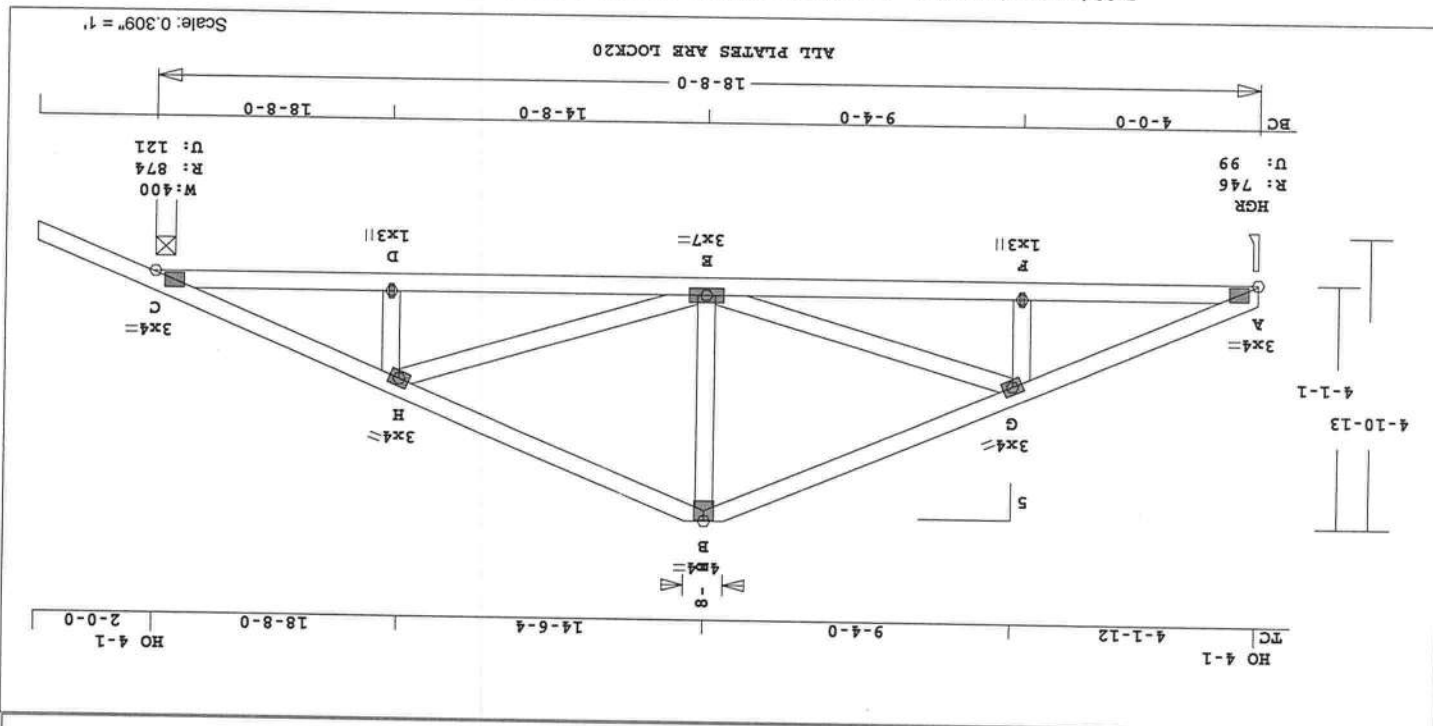
Truss Design Engineer: Michael S. Magid

License #: 53681

Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 10/20/2005

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
DORR	B2	2	TR	180800	5	0	2-0-0	T05102084
U# J#DORR TOM DORR								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 110.0 LBS
 ADDITIONAL SPECIFICATIONS.

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysts Conforms To:
 FBC2004
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-concurrent TL on BC.

Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone Location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 1476 lbs
 Max comp. force
 Quality Control Factor 1.25

CS1 -Size- Lumber			
TC	0.22	2x 4	SP-#2
BC	0.34	2x 4	SP-#2
WB	0.18	2x 4	SP-#2
Brace truss as follows:			
O.C.	From	To	
TC Cont.	0-0-0	18-8-0	
BC Cont.	0-0-0	18-8-0	
Loading			
Live	20.0	10.0	
Dead	10.0	10.0	
Plating			
Plates for each ply each face.			
REPORT: NER 691			
ROBBINS ENGINEERING, INC.			
BASED ON SP LUMBER			
USING GROSS AREA TEST.			
Plate - LOCK 20 ga, Gross Area			
Plate - RHS 20 ga, Gross Area			
UT Type	Pit Size	X	Y
A LOCK	3.0x 4.0	CTR	0.77
G LOCK	3.0x 4.0	CTR	0.54
B LOCK	4.0x 4.0	CTR	0.63
H LOCK	3.0x 4.0	CTR	0.54
C LOCK	3.0x 4.0	CTR	0.77
F LOCK	1.0x 3.0	CTR	0.81
E LOCK	3.0x 7.0	CTR	0.52
D LOCK	1.0x 3.0	CTR	0.81

Plates for each ply each face.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 UT Type Pit Size X Y
 A LOCK 3.0x 4.0 CTR 0.77
 G LOCK 3.0x 4.0 CTR 0.54
 B LOCK 4.0x 4.0 CTR 0.63
 H LOCK 3.0x 4.0 CTR 0.54
 C LOCK 3.0x 4.0 CTR 0.77
 F LOCK 1.0x 3.0 CTR 0.81
 E LOCK 3.0x 7.0 CTR 0.52
 D LOCK 1.0x 3.0 CTR 0.81

Plating conforms to TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 UT Type Pit Size X Y
 A LOCK 3.0x 4.0 CTR 0.77
 G LOCK 3.0x 4.0 CTR 0.54
 B LOCK 4.0x 4.0 CTR 0.63
 H LOCK 3.0x 4.0 CTR 0.54
 C LOCK 3.0x 4.0 CTR 0.77
 F LOCK 1.0x 3.0 CTR 0.81
 E LOCK 3.0x 7.0 CTR 0.52
 D LOCK 1.0x 3.0 CTR 0.81

Plating conforms to TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 UT Type Pit Size X Y
 A LOCK 3.0x 4.0 CTR 0.77
 G LOCK 3.0x 4.0 CTR 0.54
 B LOCK 4.0x 4.0 CTR 0.63
 H LOCK 3.0x 4.0 CTR 0.54
 C LOCK 3.0x 4.0 CTR 0.77
 F LOCK 1.0x 3.0 CTR 0.81
 E LOCK 3.0x 7.0 CTR 0.52
 D LOCK 1.0x 3.0 CTR 0.81

Plating conforms to TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 UT Type Pit Size X Y
 A LOCK 3.0x 4.0 CTR 0.77
 G LOCK 3.0x 4.0 CTR 0.54
 B LOCK 4.0x 4.0 CTR 0.63
 H LOCK 3.0x 4.0 CTR 0.54
 C LOCK 3.0x 4.0 CTR 0.77
 F LOCK 1.0x 3.0 CTR 0.81
 E LOCK 3.0x 7.0 CTR 0.52
 D LOCK 1.0x 3.0 CTR 0.81

Plating conforms to TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 UT Type Pit Size X Y
 A LOCK 3.0x 4.0 CTR 0.77
 G LOCK 3.0x 4.0 CTR 0.54
 B LOCK 4.0x 4.0 CTR 0.63
 H LOCK 3.0x 4.0 CTR 0.54
 C LOCK 3.0x 4.0 CTR 0.77
 F LOCK 1.0x 3.0 CTR 0.81
 E LOCK 3.0x 7.0 CTR 0.52
 D LOCK 1.0x 3.0 CTR 0.81

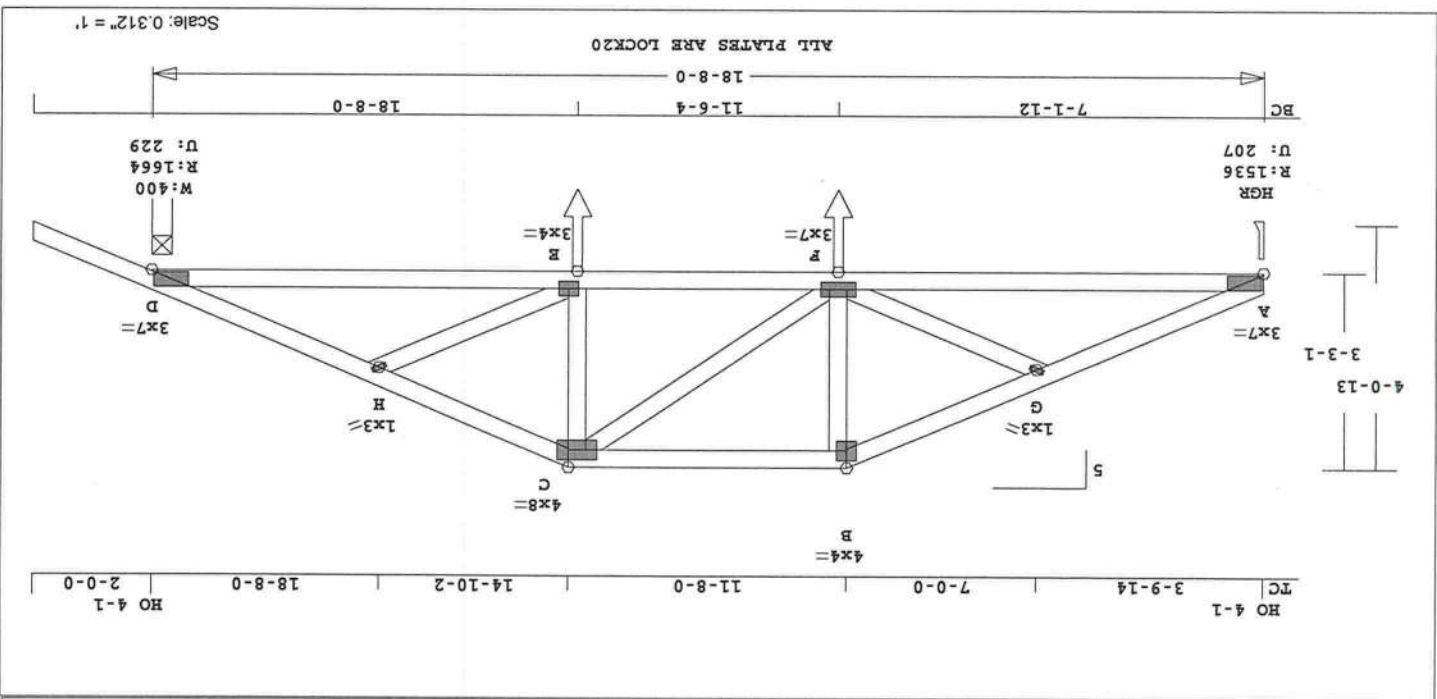
Plating conforms to TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 UT Type Pit Size X Y
 A LOCK 3.0x 4.0 CTR 0.77
 G LOCK 3.0x 4.0 CTR 0.54
 B LOCK 4.0x 4.0 CTR 0.63
 H LOCK 3.0x 4.0 CTR 0.54
 C LOCK 3.0x 4.0 CTR 0.77
 F LOCK 1.0x 3.0 CTR 0.81
 E LOCK 3.0x 7.0 CTR 0.52
 D LOCK 1.0x 3.0 CTR 0.81

Plating conforms to TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 UT Type Pit Size X Y
 A LOCK 3.0x 4.0 CTR 0.77
 G LOCK 3.0x 4.0 CTR 0.54
 B LOCK 4.0x 4.0 CTR 0.63
 H LOCK 3.0x 4.0 CTR 0.54
 C LOCK 3.0x 4.0 CTR 0.77
 F LOCK 1.0x 3.0 CTR 0.81
 E LOCK 3.0x 7.0 CTR 0.52
 D LOCK 1.0x 3.0 CTR 0.81

Plating conforms to TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 UT Type Pit Size X Y
 A LOCK 3.0x 4.0 CTR 0.77
 G LOCK 3.0x 4.0 CTR 0.54
 B LOCK 4.0x 4.0 CTR 0.63
 H LOCK 3.0x 4.0 CTR 0.54
 C LOCK 3.0x 4.0 CTR 0.77
 F LOCK 1.0x 3.0 CTR 0.81
 E LOCK 3.0x 7.0 CTR 0.52
 D LOCK 1.0x 3.0 CTR 0.81

Member	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
C	875	122	4- 0	1- 1	
A	747	99	3- 8	1- 0	
UT	React	Uplift	Lbs	In-Sx	In-Sx
Size	Req'd				
Plus 6 Wind Load Case(s)					
Plus 1 UBC TL Load Case(s)					
BC Fb=1.10	Fc=1.10	Ft=1.10			
TC Fb=1.15	Fc=1.10	Ft=1.10			
Plate Duration Factor	1.25				
Lumber Duration Factor	1.25				
Spacing	24.0"				
Total	20.0	20.0			
BC	0.0	10.0			
TC	20.0	10.0			
Loading	LIVE	DEAD			
(psf)					

Job	DORR	U# J#DORR TOM DORR
Mark	B3	
Quan	1	TYPE HIPP
Span	180800	5
Pl-HI	Left OH	0
Right OH	2-0-0	
Engineering	T05102084	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 110.1 LBS

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Confirms To:

RBC2004

Girder

Step Down Hip

Framing King Jacks

Open Faced

Jack

Setback 7'-0"

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed:

110 mph

Mean Roof Height: 15'-0"

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone Location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force

3314 Lbs

Quality Control Factor 1.25

Online Plus -- Version 18.0.014
RUN DATE: 20-OCT-05

CSI - Size - Lumber -

TC 0.70 2x 4 SP-#2

BC 0.68 2x 4 SP-#2

WB 0.13 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0-0-0 18-8-0

BC Cont. 0-0-0 18-8-0

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.00 Fc=1.00 Ft=1.00

BC Fb=1.00 Fc=1.00 Ft=1.00

Load Case # 1 Girder Loading

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

Plt - Live Dead From To

TC V 40 20 0.0 18.7'

BC V 0 20 0.0 18.7'

TC V 50 25 7.0 11.7'

BC V 0 25 7.1 11.5'

BC V 280 280 7.1 11.5'

BC V 280 280 11.5 11.5'

Plus 6 Wind Load Case(s)

Plus 1 UBC LT Load Case(s)

React Uplift Size Req'd

Lbs In-Sx In-Sx

A 1536 207 3-8 1-13

D 1664 229 4-0 1-15

Hz = -46

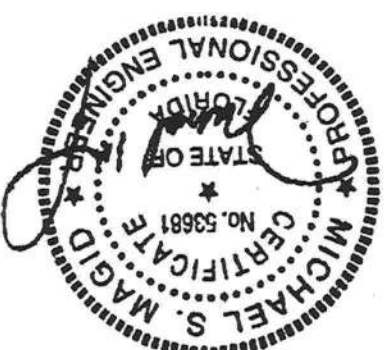
Hz = 47

Member CSI P Lbs Axl-CST-Bnd

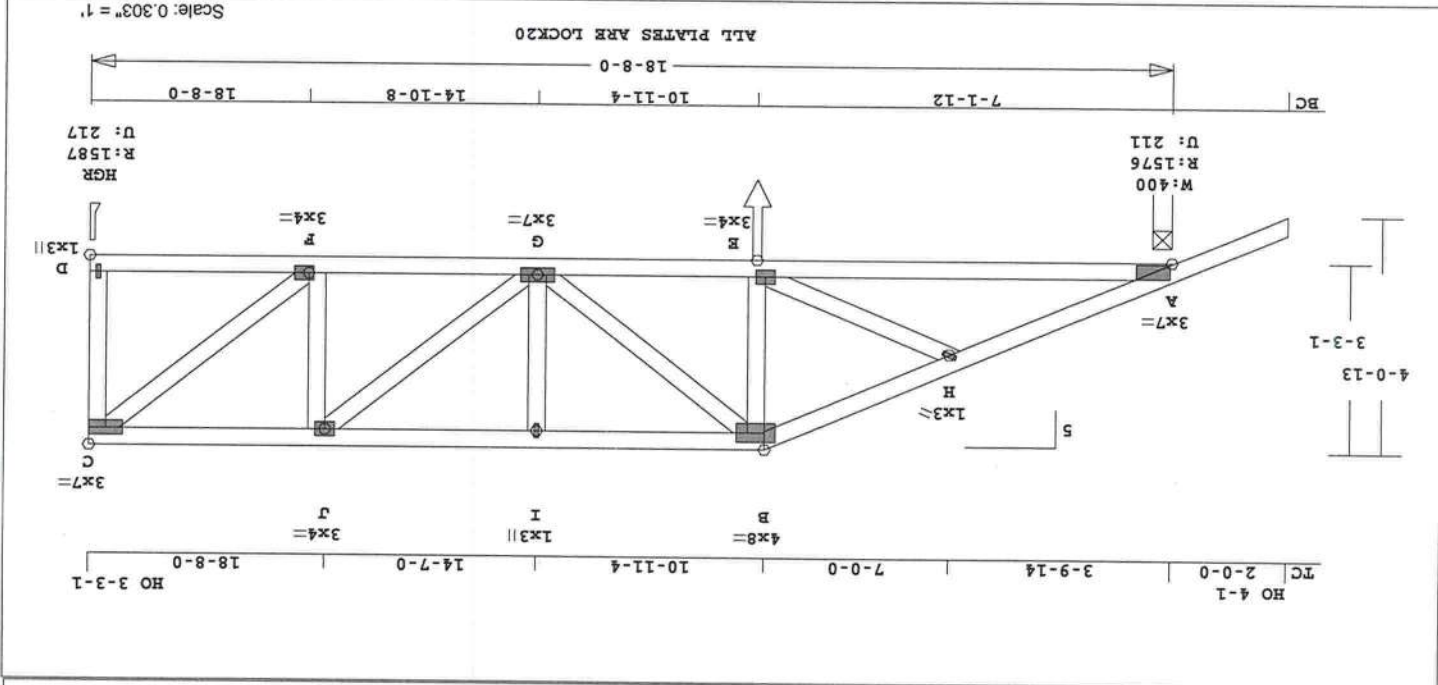
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

E LOCK	3.0x	4.0	Ctr	0.57
F LOCK	3.0x	7.0	Ctr	0.48
D LOCK	3.0x	7.0	Ctr	0.77
H LOCK	1.0x	3.0	Ctr	0.75
C LOCK	4.0x	8.0	Ctr	0.83
B LOCK	4.0x	4.0	Ctr	0.83
G LOCK	1.0x	3.0	Ctr	0.75
A LOCK	3.0x	7.0	Ctr	0.78
LT Type	Plt Size	X	Y	JSI
Plate - RHS	20 ga,	Gross Area		
Plate - LOCK	20 ga,	Gross Area		
USING GROSS AREA TEST.				
BASED ON SP LUMBER				
ROBBINS ENGINEERING, INC.				
REPORT: NER 691				
PLATING CONFORMS TO TPI.				
Plates for each ply each face.				
Shear // Grain in B - C	0.37			
TL Defl -0.24" in F - E	L/893			
LT Defl -0.12" in F - E	L/999			
E - H	0.00			
F - C	0.13			
F - B	0.13			
G - F	0.01			
E - D	0.67			
F - E	0.68			
A - F	0.66			
H - D	0.31			
C - H	0.51			
B - C	0.70			
G - B	0.44			
A - G	0.28			
Top Chords				
Bottom Chords				
Web				

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682



Job	DORR	U# J#DORR TOM DORR
Mark	B4	1
Quan	Type	Span
1	HHIP	180800
5	P1-H1	2-0-0
0	Left OH	Right OH
Engineering	T05102084	



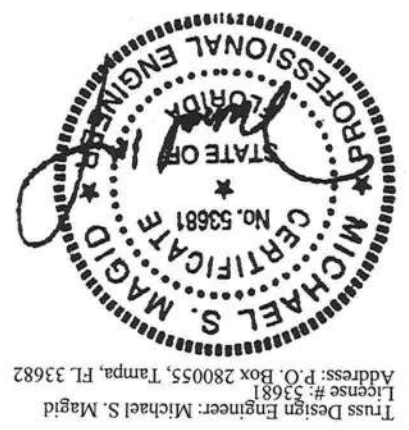
Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 127.8 LBS
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder
Half Hip
Framing King Jacks
Jack
Open Faced
Setback 7-0-0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed:
110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3096 lbs
Quality Control Factor 1.25

CSI - Size - Lumber-----
TC 0.43 2x 4 SP-#2
BC 0.65 2x 4 SP-#2
WB 0.43 2x 4 SP-#2
Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 18-8-0
BC Cont. 0-0-0 18-8-0
Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Pb=1.00 Rc=1.00 Ft=1.00
BC Pb=1.00 Rc=1.00 Ft=1.00
Load Case # 1 Girder Loading

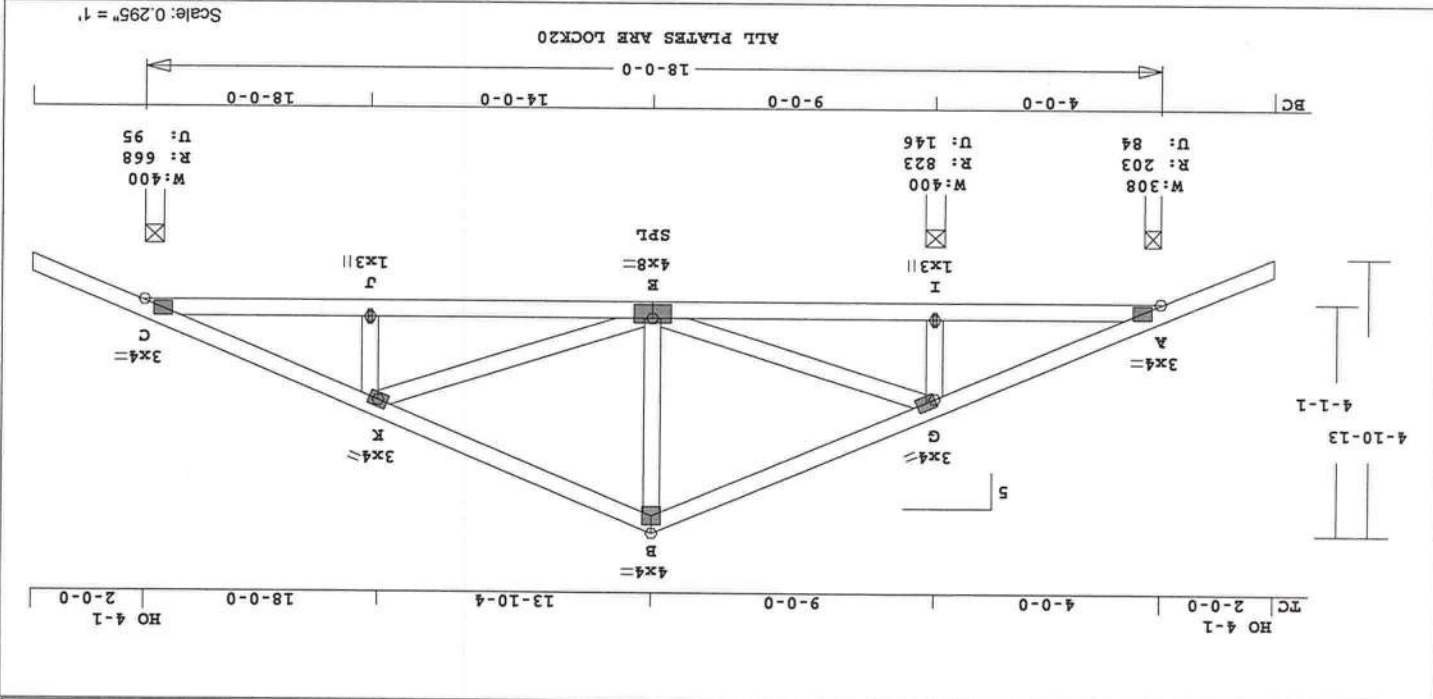
Plates for each ply each face.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type P1t Size X Y JSI
A LOCK 3.0x 7.0 Ctr 0.73
H LOCK 1.0x 3.0 Ctr 0.75
B LOCK 4.0x 8.0 Ctr 0.81
I LOCK 1.0x 3.0 Ctr 0.81
J LOCK 3.0x 4.0 Ctr 0.71
C LOCK 3.0x 7.0 Ctr 0.84
E LOCK 3.0x 4.0 Ctr 0.57
G LOCK 3.0x 7.0 Ctr 0.81
F LOCK 3.0x 4.0 Ctr 1.00
D LOCK 1.0x 3.0 Ctr 0.82
Shear // Grain in B - I 0.39
LT Defl -0.09" in E - G L/999
TL Defl -0.19" in E - G L/999

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Jt React Uplift Size Req'd
Lbs In-Sx In-Sx
A 1577 212 4-0 1-14
D 1588 217 3-8 1-14
Hz = -69
Hz = 135
Member CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682
Date Sealed: 10/20/2005



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
DORR	C1	6	TR	18000	5	2-0-0	2-0-0	T05102084
U# J#DORR TOM DORR								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 110.2 LBS

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed:
110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0-0-0 4-0-0
Max comp. force 981 Lbs
Quality Control Factor 1.25

Webbs-----
I-G 0.07 711 C
G-E 0.10 571 T
E-B 0.02 181 T
E-K 0.17 496 C
J-K 0.02 171 T
LL Defl -0.02" in E-J L/999
TL Defl -0.05" in E-J L/999
Shear // Grain in G-B 0.19
Plates for each ply each face.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.76
G LOCK 3.0x 4.0 Ctr Ctr 0.53
B LOCK 4.0x 4.0 Ctr Ctr 0.63
K LOCK 3.0x 4.0 Ctr Ctr 0.53
C LOCK 3.0x 4.0 Ctr Ctr 0.76
I LOCK 1.0x 3.0 Ctr Ctr 0.81
E LOCK 4.0x 8.0 Ctr 0.8 0.71
J LOCK 1.0x 3.0 Ctr Ctr 0.81

Online Plus -- Version 18.0.014
RUN DATE: 20-OCT-05
CSI -Size- ---Lumber---
TC 0.25 2x 4 SP-#2
BC 0.22 2x 4 SP-#2
WB 0.17 2x 4 SP-#2
Brace truss as follows:
To From
O.C. 0-0-0 18-0-0
TC Cont. 0-0-0 18-0-0
BC Cont. 0-0-0 18-0-0
Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10
Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Jt React Uplift Size Req'd
Lbs In-Sk In-Sk
A 203 84 3-8 1-0
I 824 146 4-0 1-0
C 669 95 4-0 1-0
Hz = 60

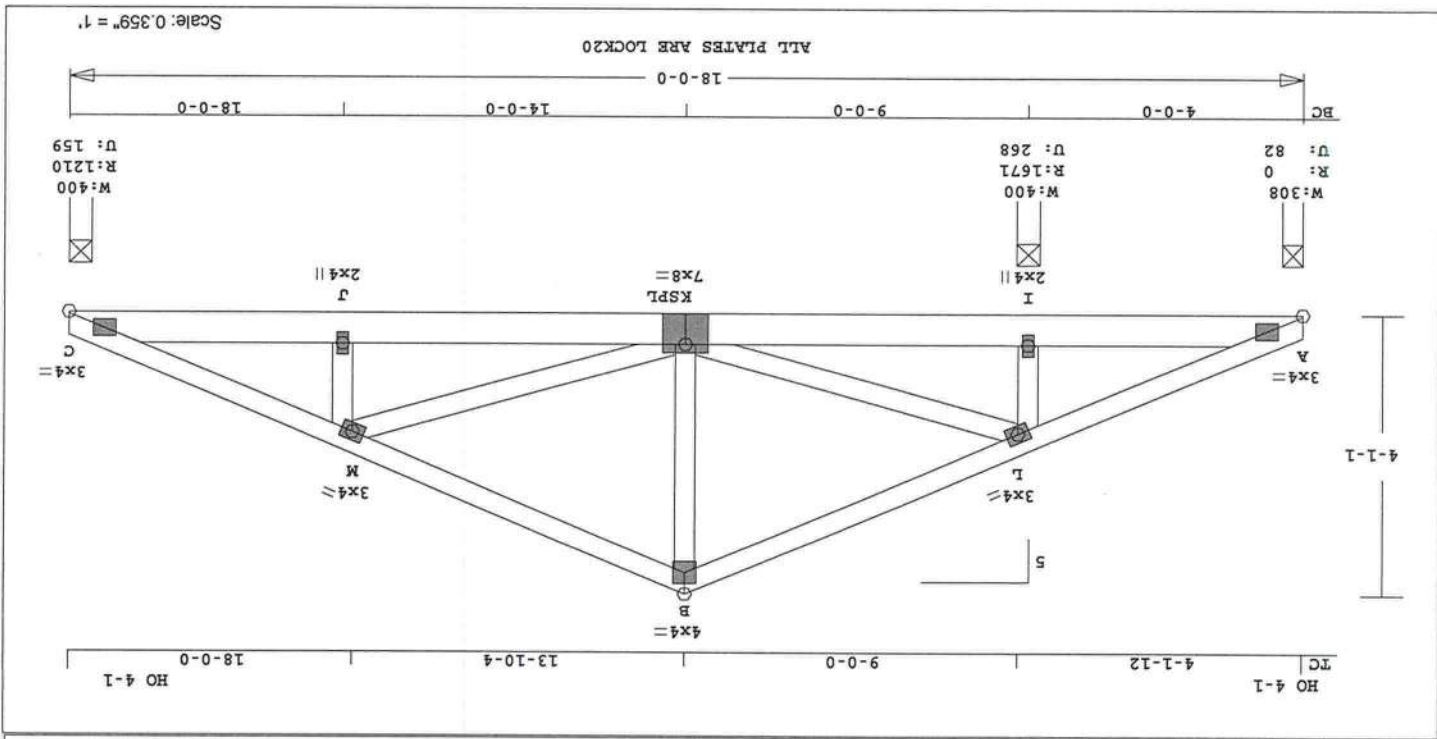
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
REVISED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A-G 0.25 122 T 0.02 0.23
G-B 0.23 484 C 0.00 0.23
B-K 0.17 481 C 0.00 0.17
K-C 0.17 981 C 0.00 0.17
-----Bottom Chords-----
A-I 0.12 98 C 0.00 0.12
I-E 0.13 98 C 0.00 0.13
E-J 0.22 913 T 0.15 0.07
J-C 0.18 913 T 0.15 0.03

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
DORR	C2	1	TR	180000	5	0	0	T05102084
U# J#DORR TOM DORR								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 117.9 LBS

ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15'-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- --To--
0 - 0 - 0 4 - 0 - 0
Max comp. force 2254 lbs
Quality Control Factor 1.25

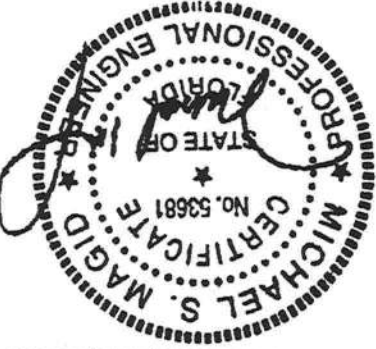
Top Chords			
A-L	0.32	354 T	0.07 0.25
L-B	0.26	1108 C	0.01 0.25
B-M	0.23	1105 C	0.01 0.22
M-C	0.21	2254 C	0.04 0.17
Bottom Chords			
A-I	0.24	314 C	0.00 0.24
I-K	0.25	314 C	0.00 0.25
K-J	0.53	2095 T	0.28 0.25
J-C	0.46	2095 T	0.28 0.18
Webs			
I-L	0.12	1269 C	
L-K	0.25	1402 T	
K-B	0.10	656 T	
K-M	0.38	1130 C	
J-M	0.09	602 T	
LT Defl -0.04" in K -J L/999			
TL Defl -0.09" in K -J L/999			
Shear // Grain in K -J 0.27			

Plating for each ply each face.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area 1.25
Plate - RHS 20 Ga, Gross Area 1.25
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.79
L LOCK 3.0x 4.0 Ctr Ctr 0.74
B LOCK 4.0x 4.0 Ctr Ctr 0.63
M LOCK 3.0x 4.0 Ctr Ctr 0.53
C LOCK 3.0x 4.0 Ctr Ctr 0.92
I LOCK 2.0x 4.0 Ctr Ctr 0.40
K LOCK 7.0x 8.0 Ctr Ctr 0.70
J LOCK 2.0x 4.0 Ctr Ctr 0.65

Online Plus -- Version 18.0.014			
RUN DATE: 20-OCT-05			
CSI - Size - Lumber -			
TC	0.32	2x 4	SP-#2
BC	0.53	2x 6	SP-#2
WB	0.38	2x 4	SP-#2
Brace truss as follows:			
O.C. From To			
TC Cont.	0 - 0	0 - 18	0 - 0
BC Cont.	0 - 0	0 - 18	0 - 0
Loading			
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	
Spacing			
Lumber Duration Factor	1.25		
Plate Duration Factor	1.25		
TC Fb=1.00 Fc=1.00			
BC Fb=1.00 Fc=1.00			
Load Case # 1 Standard Loading			
Plate Duration Factor	1.25		
Plate - Live Dead From To			
TC V	40	20	0.0
BC V	0	20	0.0
BC V	50	50	4.2
Plus 6 Wind Load Case(s)			
Plus 1 UBC LL Load Case(s)			
Jt React Uplift Size Req'd			
Lbs In-Sx In-Sx	0	82G 3 - 8	1 - 0
Hx =	-56		
I	1672	269	4 - 0
C	1211	160	4 - 0
Hx =	59		
G = Gravity Uplift			

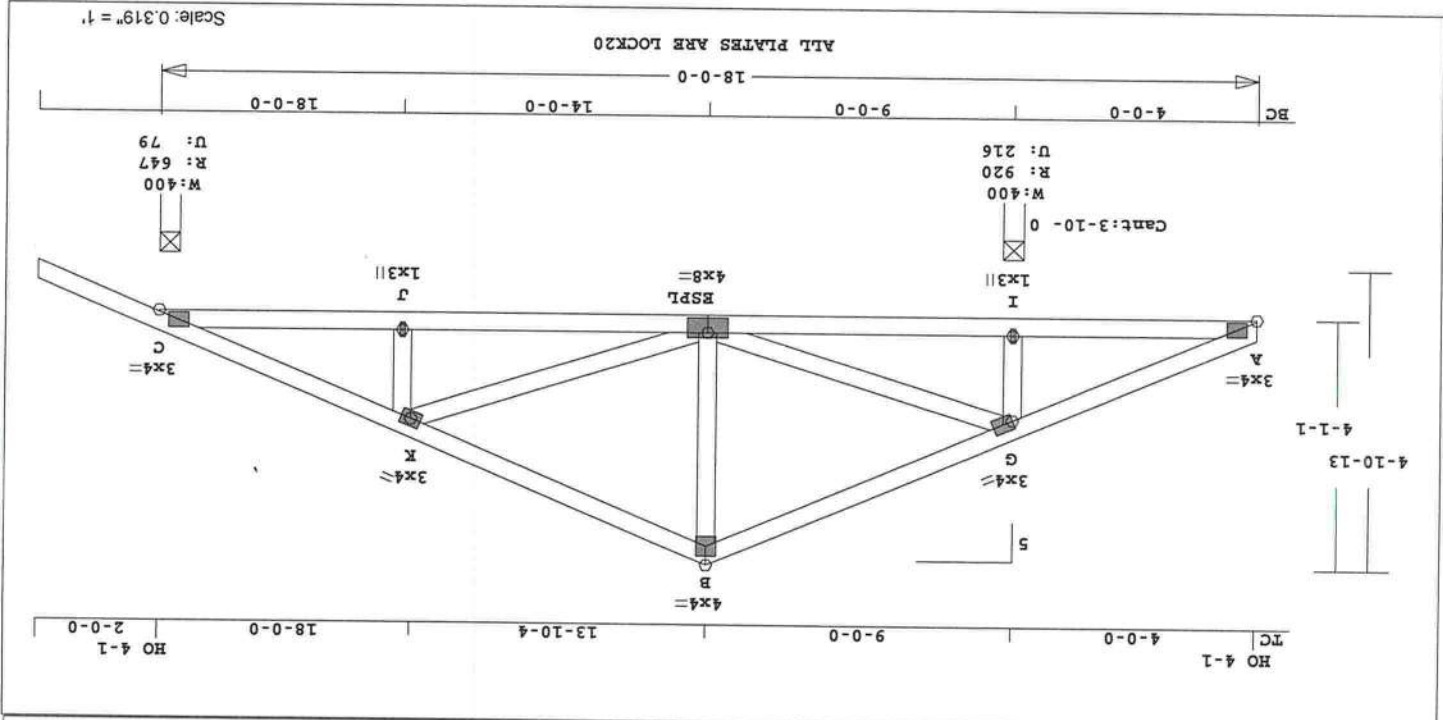
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR MEMBER CSI P Lbs AXI-CSI-Bnd

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682



Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
DORR	C3	1	TR	180000	5	0	2 - 0 - 0	T05102084
U# J#DORR TOM DORR								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 106.1 LBS

Design checked for 10 psf non-concurrent LT on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
Regions --From-- --To--
0-0-0 4-0-0
Max comp. force 931 lbs
Quality Control Factor 1.25

LT Defl -0.02" in E -J L/999
TL Defl -0.05" in E -J L/999
LT Cant -0.01" in A -I L/999
Shear // Grain in G -B 0.19
Plating conforms to TPI.
REPORT: NER 691
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 ga, Gross Area
Plate - RHS 20 ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.76
G LOCK 3.0x 4.0 Ctr Ctr 0.53
B LOCK 4.0x 4.0 Ctr Ctr 0.63
C LOCK 3.0x 4.0 Ctr Ctr 0.76
I LOCK 1.0x 3.0 Ctr Ctr 0.81
E LOCK 4.0x 8.0 Ctr Ctr 0.71
J LOCK 1.0x 3.0 Ctr Ctr 0.81

Online Plus -- Version 18.0.014
RUN DATE: 20-OCT-05
CSI - Size - Lumber -
TC 0.29 2x 4 SP-#2
BC 0.22 2x 4 SP-#2
WB 0.17 2x 4 SP-#2
Brace truss as follows:
O.C.
From To
TC Cont. 0-0-0 18-0-0
BC Cont. 0-0-0 18-0-0
Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10
Plus 6 Wind Load Case(s)
Plus 1 UBC LT Load Case(s)
Jt React Uplift Size Req'd
Lbs In-Sx In-Sx
I 920 217 4-0 1-0
C 648 80 4-0 1-0
Hz = -58
Hz = 60

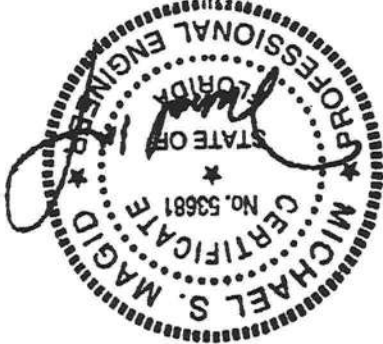
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

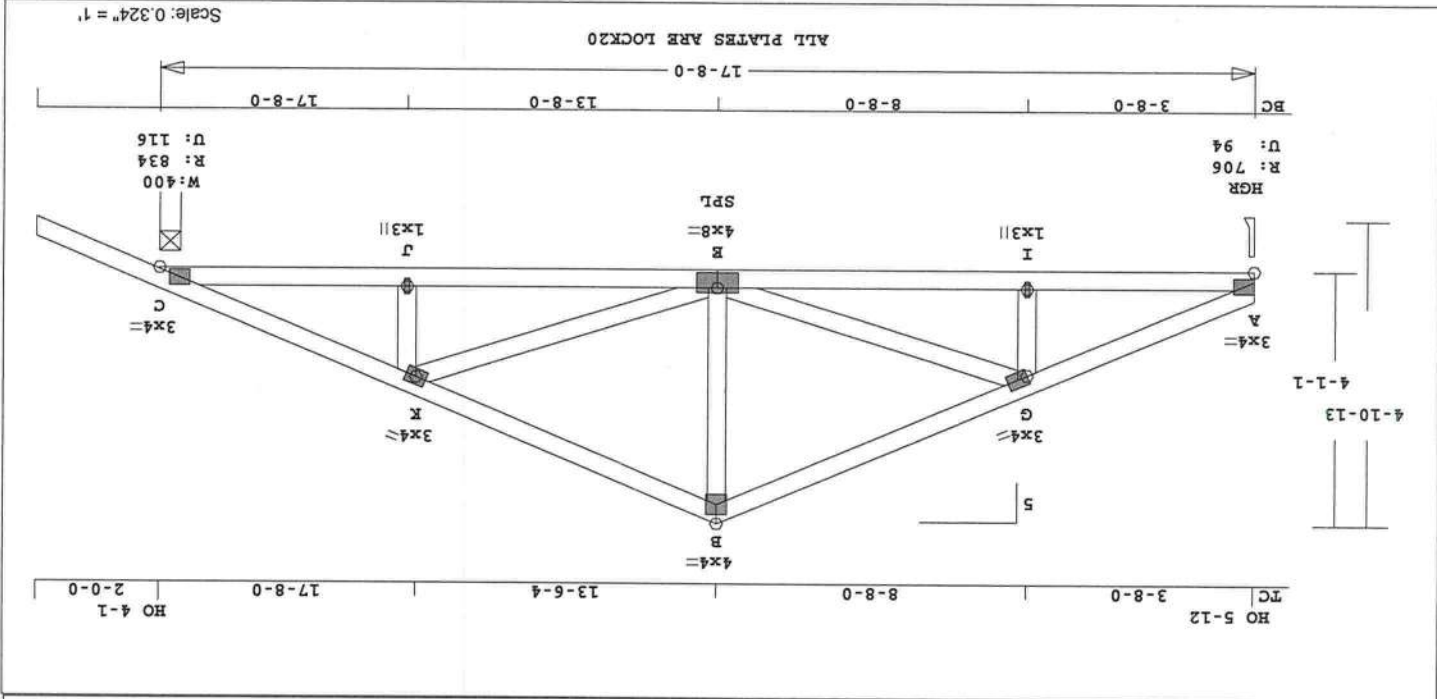
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0

Member CSI P Lbs Ax1-Bnd
-----Top Chords-----
A-G 0.29 300 T 0.05 0.24
G-B 0.24 430 C 0.00 0.24
B-K 0.17 428 C 0.00 0.17
K-C 0.17 931 C 0.00 0.17
-----Bottom Chords-----
A-I 0.13 262 C 0.00 0.13
I-E 0.13 262 C 0.00 0.13
E-J 0.22 867 T 0.09 0.13
J-C 0.17 867 T 0.14 0.03

Truss Design Engineer: Michael S. Magid
License #: 33681
Address: P.O. Box 280055, Tampa, FL 33682



Job	DORR	U# J#DORR TOM DORR
Mark	C4	6
Quan	Type	Span
Pl-HI	5	170800
Left OH	0	2-0-0
Right OH	0	2-0-0
Engineering	T05102084	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 104.8 LBS

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Analysis Conforms To:

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed:

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone Location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force

1372 Lbs

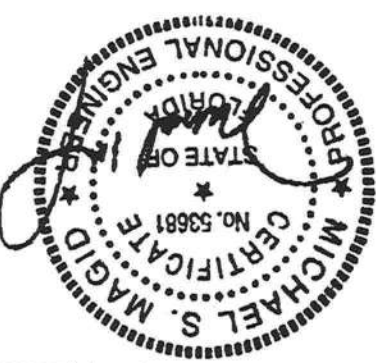
Quality Control Factor 1.25

Truss Design Engineer: Michael S. Magid

License #: 53681

Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 10/20/2005



Online Plus -- Version 18.0.014

RUN DATE: 20-OCT-05

CSI - Size - Lumber

TC 0.20 2x 4 SP-#2

BC 0.36 2x 4 SP-#2

WB 0.15 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0-0-0 17-8-0

BC Cont. 0-0-0 17-8-0

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd

Lbs In-Sk In-Sk

A 707 94 3-8 1-0

C 835 117 4-0 1-0

Hz = 58

Hz = -58

Member CSI P Lbs Axl-CSI-Bnd

Robbins Engineering, Inc./Online Plus™

Version 18.0.014

Run Date: 20-OCT-05

CSI - Size - Lumber

TC 0.20 2x 4 SP-#2

BC 0.36 2x 4 SP-#2

WB 0.15 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0-0-0 17-8-0

BC Cont. 0-0-0 17-8-0

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd

Lbs In-Sk In-Sk

A 707 94 3-8 1-0

C 835 117 4-0 1-0

Hz = 58

Hz = -58

Member CSI P Lbs Axl-CSI-Bnd

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

Robbins Engineering, Inc./Online Plus™

Version 18.0.014

Run Date: 20-OCT-05

CSI - Size - Lumber

TC 0.20 2x 4 SP-#2

BC 0.36 2x 4 SP-#2

WB 0.15 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0-0-0 17-8-0

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd

Lbs In-Sk In-Sk

A 707 94 3-8 1-0

C 835 117 4-0 1-0

Hz = 58

Hz = -58

Member CSI P Lbs Axl-CSI-Bnd

Robbins Engineering, Inc.

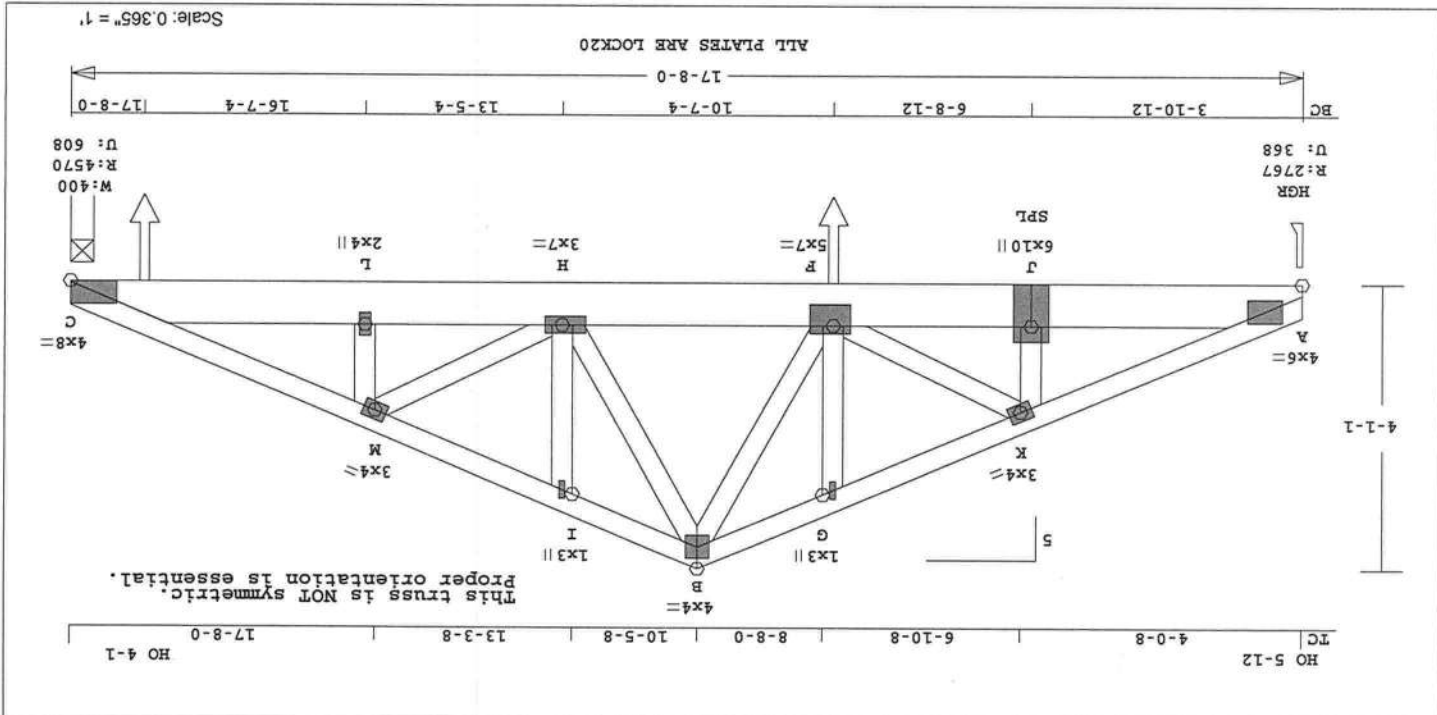
PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
DORR	C5	1*2P	TR	170800	5	0	0	T05102084
U# J#DORR TOM DORR								



Online plus -- Version 18.0.014
 RUN DATE: 20-OCT-05

 * 2-Ply Truss *

 CSI - Size - Lumber -
 TC 0.40 2x 4 SP-#2
 BC 0.78 2x 8 SP-#2
 WB 0.24 2x 4 SP-#2
 Brace truss as follows:
 O.C.
 TC Cont. 0-0-0 17-8-0
 BC Cont. 0-0-0 17-8-0
 Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0
 Spacing 24.0"
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 Plate Duration Factor 1.25
 TC FB=1.00 FC=1.00
 BC FB=1.00 FC=1.00
 Load Case # 1 Standard Loading

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 141.6 LBS
 MAYO TRUSS CO. INC.
 ANALYSIS CONFORMS TO:
 FBC2004
 2 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS3 screws -OR- 10d nails
 as each layer is applied.)
 Rows Nails Screws Bolts
 TC 1 12 24 0
 BC 2 12 24 0
 WB 1 4 4 0
 Plus clusters of nails where
 shown.
 Design checked for 10 psf non-
 concurrent TL on BC.
 Prevent truss rotation at all
 bearing locations.
 Wind loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone Location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 7956 Lbs
 Quality Control Factor 1.25

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type X Y JSI
 Jt Size X Y JSI
 A LOCK 4.0x 6.0 Ctr Ctr 0.74
 K LOCK 3.0x 4.0 Ctr Ctr 0.53
 G LOCK 1.0x 3.0 Ctr Ctr 0.75
 B LOCK 4.0x 4.0 Ctr Ctr 0.84
 I LOCK 1.0x 3.0 Ctr Ctr 0.75
 M LOCK 3.0x 4.0 Ctr Ctr 0.53
 C LOCK 4.0x 8.0-4.0 1.7 0.84
 J LOCK 6.0x10.0 Ctr 1.4 0.33
 F LOCK 5.0x 7.0-0.5-1.1 0.86
 H LOCK 3.0x 7.0-0.5 Ctr 0.80
 L LOCK 2.0x 4.0 Ctr Ctr 0.71

REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682
 REFERENCE TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.
 NOTES:
 Trusses Manufactured by:

Member CSI F Lbs Axl-CSI-Bnd
 A-K 0.13 6049 C 0.08 0.05
 K-G 0.19 6248 C 0.09 0.10
 G-B 0.15 6214 C 0.07 0.08
 B-I 0.16 6236 C 0.07 0.09
 Jt React Uplift Size Req'd
 A 2768 Lbs In-Sx In-Sx
 C 4571 609 4-0 2-11
 Hz = -57
 Hz = 57



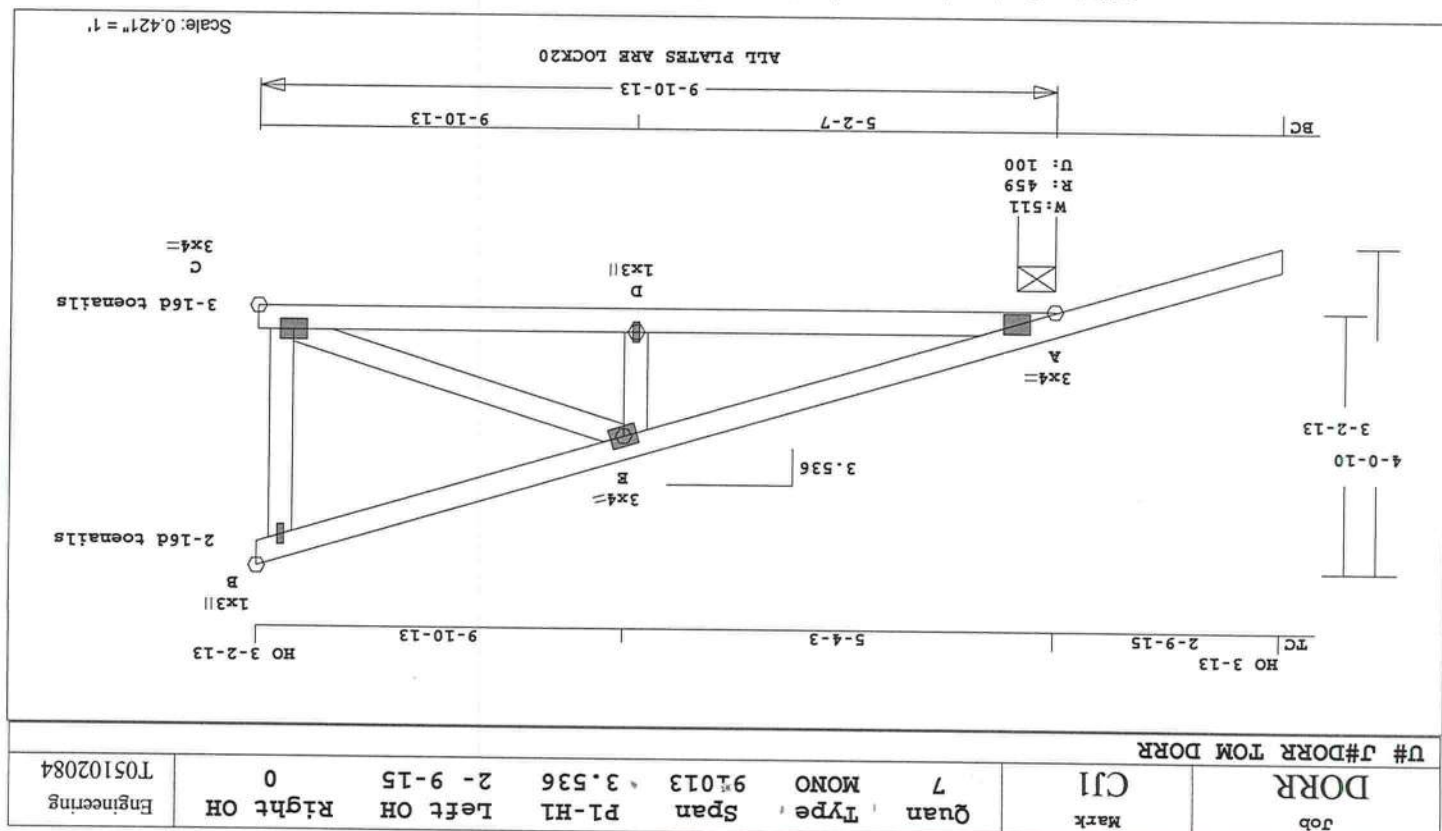
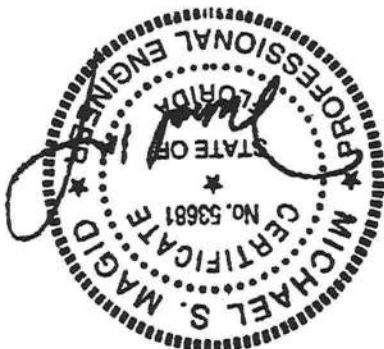
Truss Design Engineer: Michael S. Magid
 License #: 53681
 Address: P.O. Box 280055, Tampa, FL 33682
 Date Sealed: 10/20/2005

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

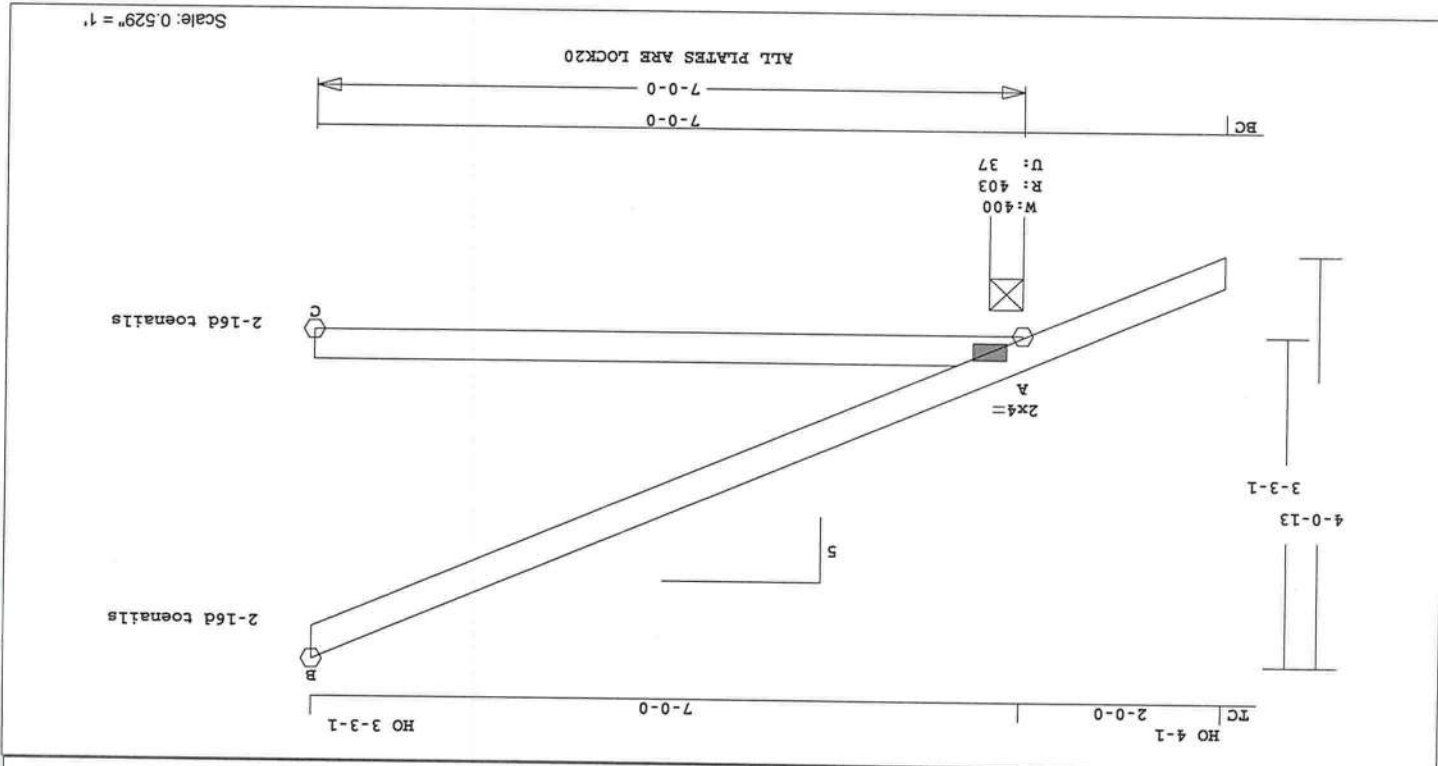
newmont CSI P LBS AXI-CST-Bnd					
-----Top Chords-----					
A - E	0.28	738 C	0.00	0.28	
E - B	0.35	80 T	0.00	0.35	
-----Bottom Chords-----					
A - D	0.23	721 T	0.08	0.15	
D - C	0.27	721 T	0.08	0.19	
-----Webs-----					
D - E	0.03	234 T			
E - C	0.20	765 C			
C - B	0.02	0 T	WindLd		
Plates for each ply each face.					
PLATING CONFORMS TO TPI.					
REPORT: NER 691					
ROBBINS ENGINEERING, INC.					
BASED ON SP LUMBER					
USING GROSS AREA TEST.					
Plate - LOCK 20 Ga, Gross Area					
Plate - RHS 20 Ga, Gross Area					
A Type					
A LOCK	3.0x	4.0	Ctr	0.67	
E LOCK	3.0x	4.0	Ctr	0.42	
B LOCK	1.0x	3.0	Ctr	0.75	
D LOCK	1.0x	3.0	Ctr	0.75	
C LOCK	3.0x	4.0	Ctr	0.54	
JST					
X					
REVIEWED BY:					
Robbins Engineering, Inc.					
PO Box 280055					
Tampa, FL 33682					

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Gilder King Jack
Loading TC and BC
Setback 7 - 0 - 0
OH Loading
Soffit pft 2.0
Design checked for 10 pft non-
concurrent TL on BC.
Use properly rated hangers for
loads framing into gilder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load : 5.0 pft
BC Dead Load : 5.0 pft
Max comp. force 765 Lbs
Quality Control Factor 1.25

Russ Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682



Job	DORR	U# J#DORR TOM DORR
Mark	J1	
Quan	15	Type JCA2
Span	70000	PL-H1
Left OH	2-0-0	Right OH
Engineering	T05102084	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.9 LBS

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 42 lbs
Quality Control Factor 1.25

Plates for each ply each face.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 ga, Gross Area
Plate - RHS 20 ga, Gross Area
JT Type plt size X Y JSI
A LOCK 2.0x 4.0 Ctr 0.73

CS1 -Size- Lumber-----
TC 0.47 2x 4 SP-#2
BC 0.34 2x 4 SP-#2
Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 7-0-0
BC Cont. 0-0-0 7-0-0
Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC FB=1.15 FC=1.10 Ft=1.10
BC FB=1.10 FC=1.10 Ft=1.10

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

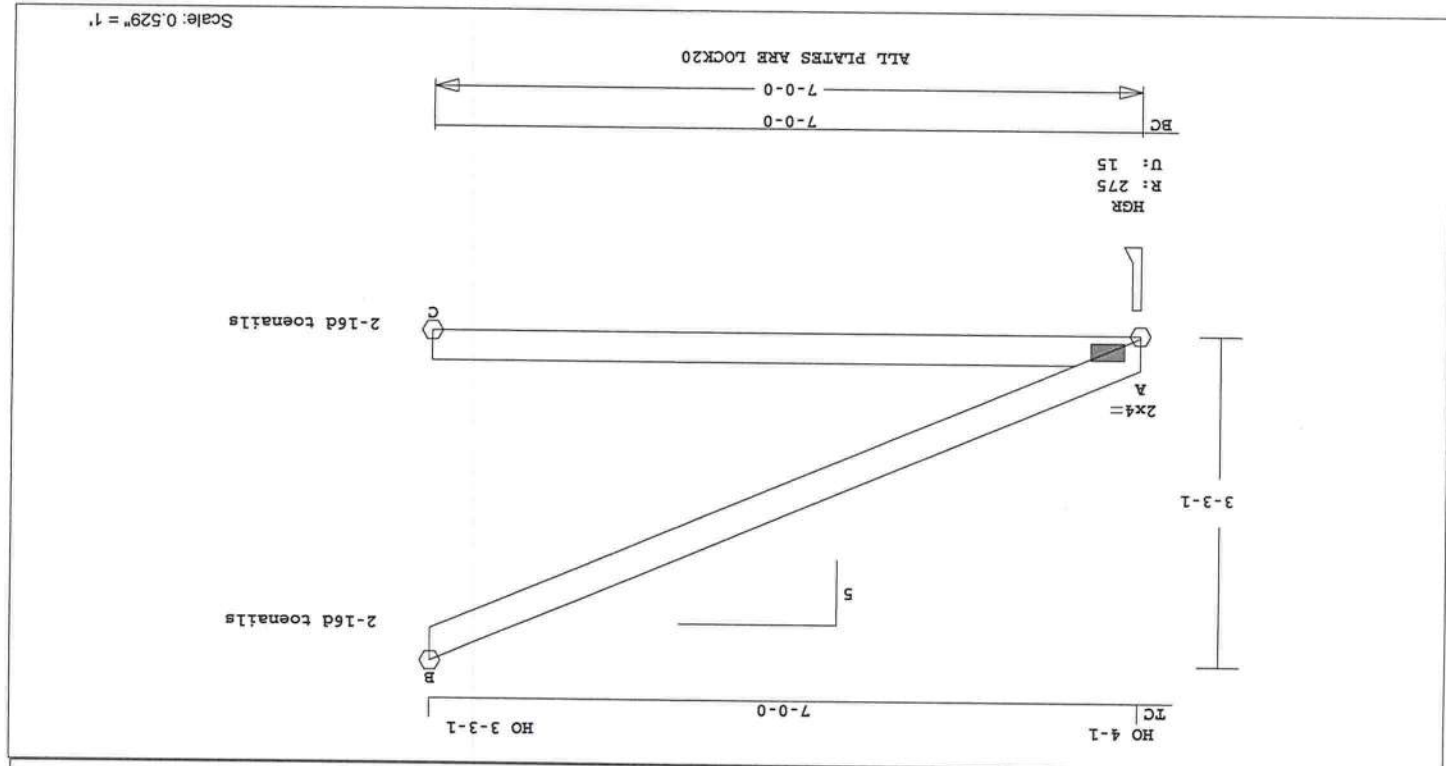
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

Plus 4 Wind Load Case(s)
Plus 1 UBC LT Load Case(s)
JT React Uplift Size Req'd
Lbs In-Sk In-Sk
A 404 38 4-0 1-0
B 196 77 3-8 1-0
C 131 0 3-8 1-0
Hz = 60
Member CSI P Lbs AXI-CSI-Bnd
-----Top Chords-----
A-B 0.47 42 C 0.00 0.47
-----Bottom Chords-----

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682
MICHAEL S. MAGID
CERTIFICATE
No. 53681
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Date Sealed: 10/20/2005

Job	DORR	U# J#DORR TOM DORR
Mark	J2	
Quan	6	
Type	JCA2	
Span	70000	
P1-H1	5	
Left OH	0	
Right OH	0	
Engineering		T05102084



KODJINS Engineering, Inc./Online Plus™
APPROX. TRUSS WEIGHT: 27.8 LBS
A - C 0.34 59 T 0.00 0.34 Truss is designed as a Main

Machine Plus -- Version 18.0.014	Lt Defl -0.07" in A-C	L/999	Wind Speed:	110 mph
	Tl Defl -0.18" in A-C	L/434	Mean Roof Height:	15-0
Shear // Grain in A-B	0.22		Exposure Category:	B

CSI - Size - ---Lumber---

Brace truss as follows:

O.C.	From	To
TC Cont.	0 - 0 - 0	7 - 0 - 0
BC Cont.	0 - 0 - 0	7 - 0 - 0

Dead	Live	Loading
(psf)		

TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0

spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
8C Fb=1.10 Fc=1.10 Ft=1.10

plus 4 Wind Load Case(s)
plus 1 UBC TL Load Case(s)

React	Uplift	Size	Req'd	lbs	In-Sx	In-Sx	HZ	=	88
	276	16	3-8	1-0					

09	=	HZ		
0	-	8	0	131
0	-	8	77	196

```
-----Top Chords-----
Member CSI P lbs AXI-CSI-Bnd
A - B 0.47 42 C 0.00 0.47
-----Bottom Chords-----
```

REFER TO ROBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:

FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

Robbins Engineering, Inc./Online Plus™ © 1996-2005 Version 18.0.014 Engineering - Portrait 10/20/2005 4:31:15 PM Page 1

Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15'-0"
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 42 lbs
Quality Control Factor 1.25

	Plate - LOCK	Plate - RHS	Jt Type	A Lock
Gross Area	20 Ga.	20 Ga.	Plt Size	2.0 x 4.0 Ctr Ctr
			X	0.73
			JSI	

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

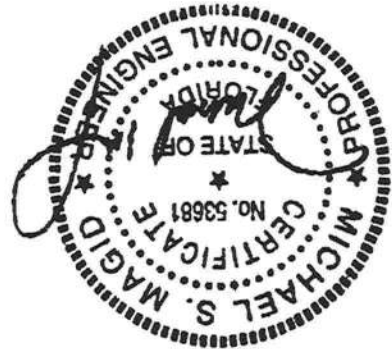
Tampa, FL 33682
REFER TO ROBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:

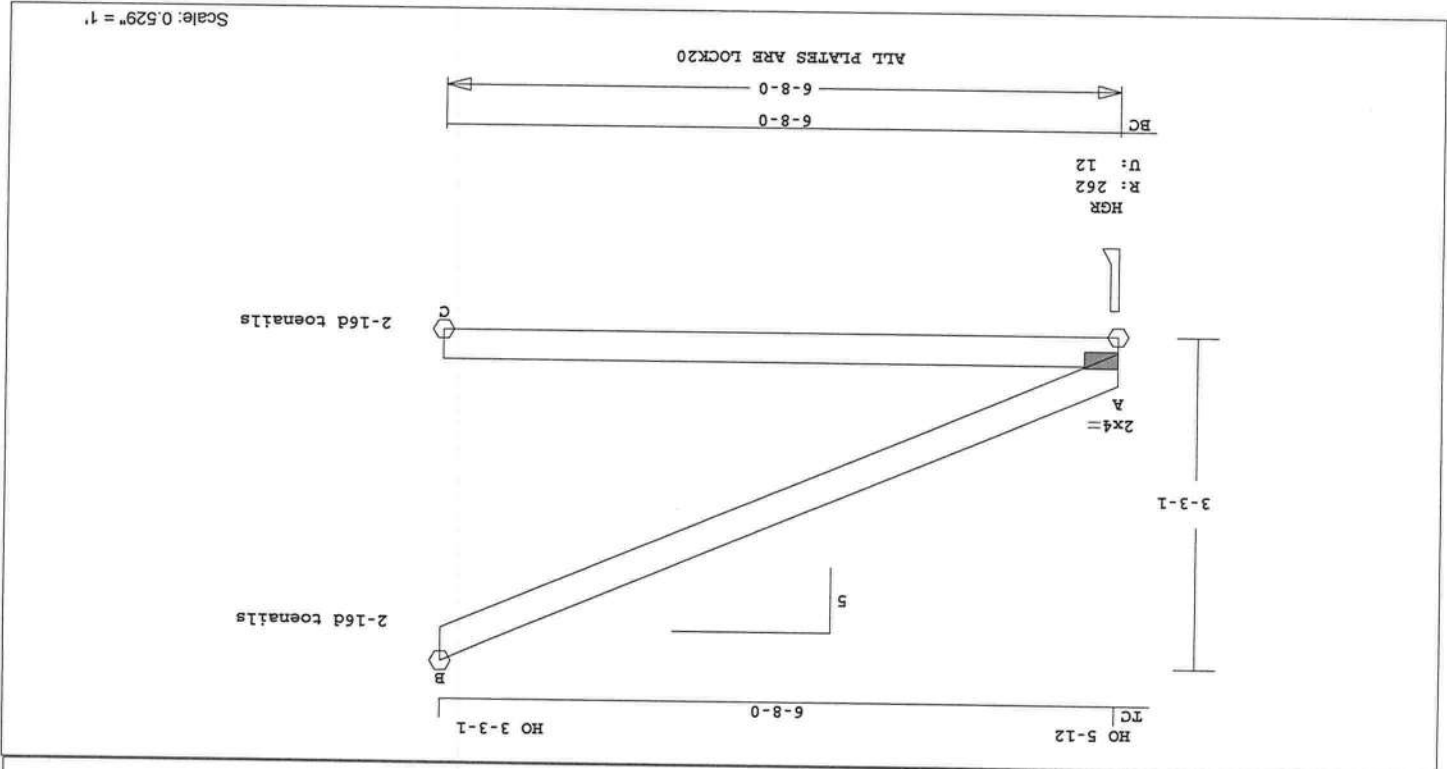
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 10/20/2005

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
DORR	J2A	1	JCA2	60800	5	0	0	T05102084
U# J#DORR TOM DORR								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 26.5 LBS
A - C 0.29 58 T 0.00 0.29

Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15'-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 42 Lbs
Quality Control Factor 1.25

Plates for each ply each face.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 0.1 Ctr 0.74

CS1 -Size- Lumber-----
TC 0.43 2x 4 SP-#2
BC 0.29 2x 4 SP-#2
Brace truss as follows:
O.C.
From To
TC Cont. 0-0-0 6-8-0
BC Cont. 0-0-0 6-8-0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Pb=1.15 FC=1.10
BC Pb=1.10 FC=1.10
Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

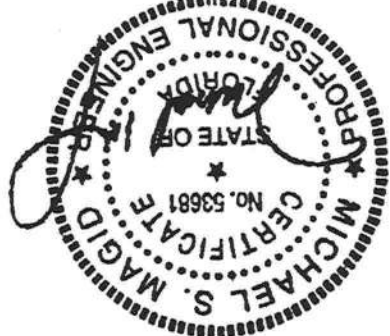
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

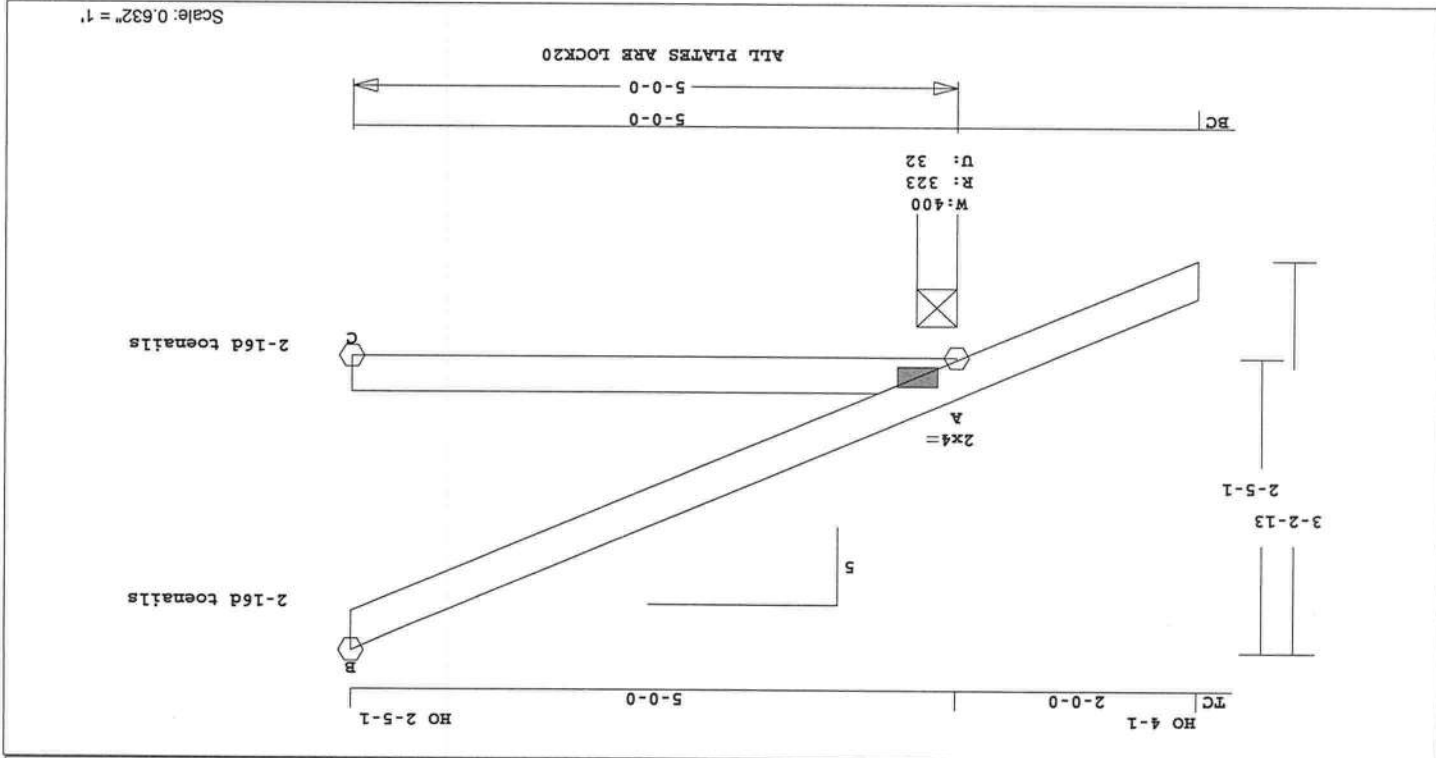
Member CSI P Lbs AXI-CSI-Bnd
-----Top Chords-----
A - B 0.43 42 C 0.00 0.43
-----Bottom Chords-----

Jt React Uplift Size Req'd
Lbs In-Sx In-Sx
A 262 13 3-8 1-0
B 189 76 3-8 1-0
C 126 0 3-8 1-0
Hz = 58

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
DORR	J3	12	JCA2	50000	5	2 - 0 - 0	0	T05102084
U# J#DORR TOM DORR								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.0 LBS
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15'-0"
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone Location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 30 lbs
 Quality Control Factor 1.25

CSI -Size- ----Lumber-----
 TC 0.22 2x 4 SP-#2
 BC 0.17 2x 4 SP-#2
 Brace truss as follows:
 O.C. From To
 TC Cont. 0-0-0 5-0-0
 BC Cont. 0-0-0 5-0-0
 Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0
 Spacing 24.0"
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 TC Pb=1.15 Fc=1.10 Ft=1.10
 BC Pb=1.10 Fc=1.10 Ft=1.10

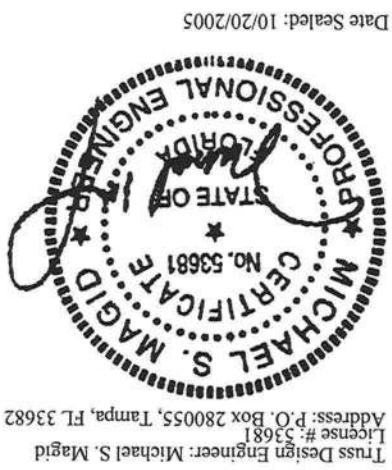
Plates for each ply each face.
 REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 rt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.69

REVISED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

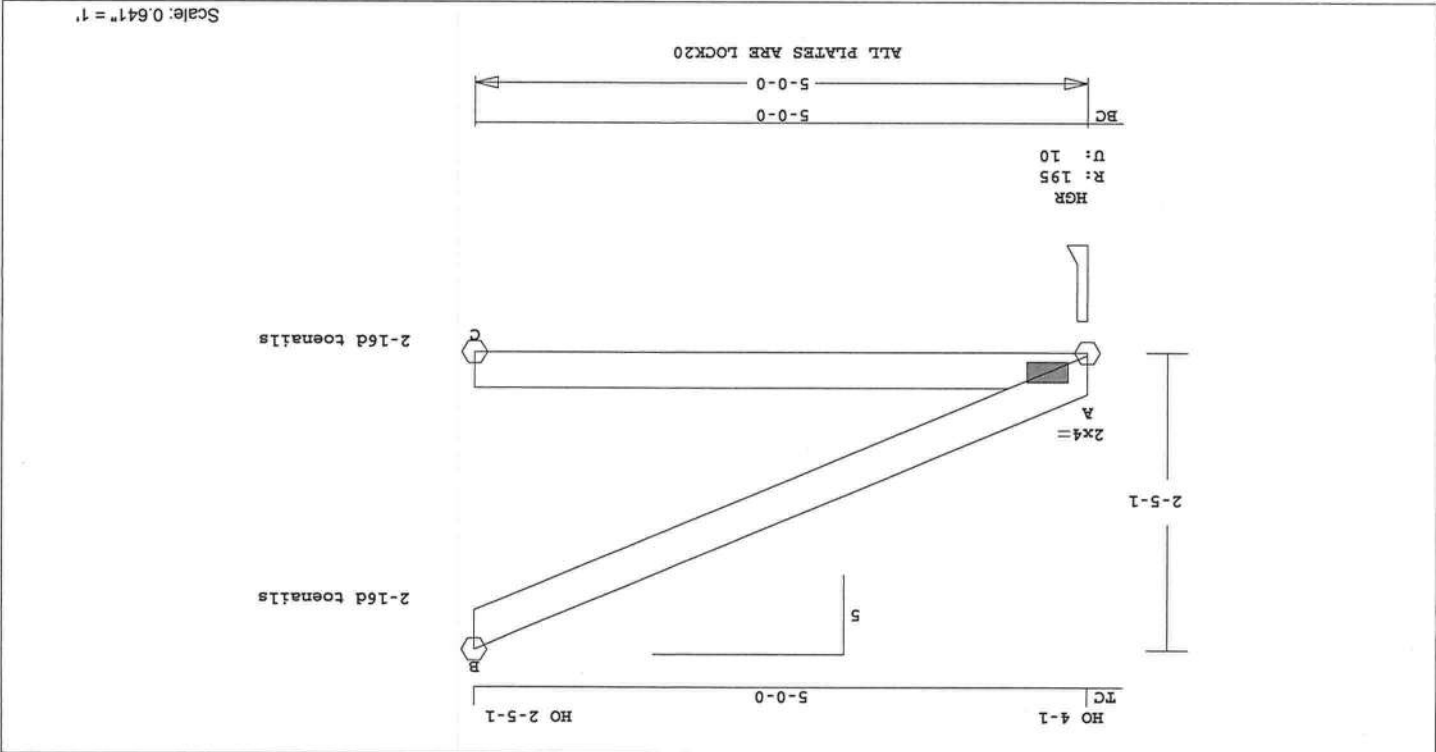
REFER TO ROBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.
 For proper installation of
 toe-nails, refer to the 2001
 National Design Specification
 (NDS) for Wood Construction

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 RBC2004
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-

Member CSI P Lbs AXI-CSI-Bnd
 A-B 0.22 30 C 0.00 0.22
 ----Top Chords-----
 ----Bottom Chords-----



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
DORR	J4	2	JCA2	5000	5	0	0	T05102084
U# J#DORR TOM DORR								



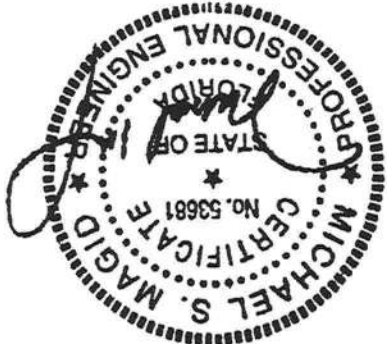
Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.9 LBS
 A - C 0.17 42 T 0.00 0.17
 Online Plus -- Version 18.0.014
 TL Defl -0.04" in A - C L/999
 Shear // Grain in A - B 0.14
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.69
 REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

CSI -Size- -Lumber-
 TC 0.22 2x 4 SP-#2
 BC 0.17 2x 4 SP-#2
 Brace truss as follows:
 O.C. from To
 TC Cont. 0-0-0 5-0-0
 BC Cont. 0-0-0 5-0-0

Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0
 Spacing 24.0"
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 TC Pb=1.15 Pc=1.10 Ft=1.10
 BC Pb=1.10 Pc=1.10 Ft=1.10

Plus 4 Wind Load Case(s)
 Plus 1 UBC LT Load Case(s)
 Jt React Uplift Size Req'd
 Lbs In-Sk In-Sk
 A 196 10 3-8 1-0
 B 141 55 3-8 1-0
 C 93 0 3-8 1-0
 Hz = 43
 Membr CSI P Lbs Axl-CSI-Bnd
 -----Top Chords-----
 A - B 0.22 30 C 0.00 0.22
 -----Bottom Chords-----

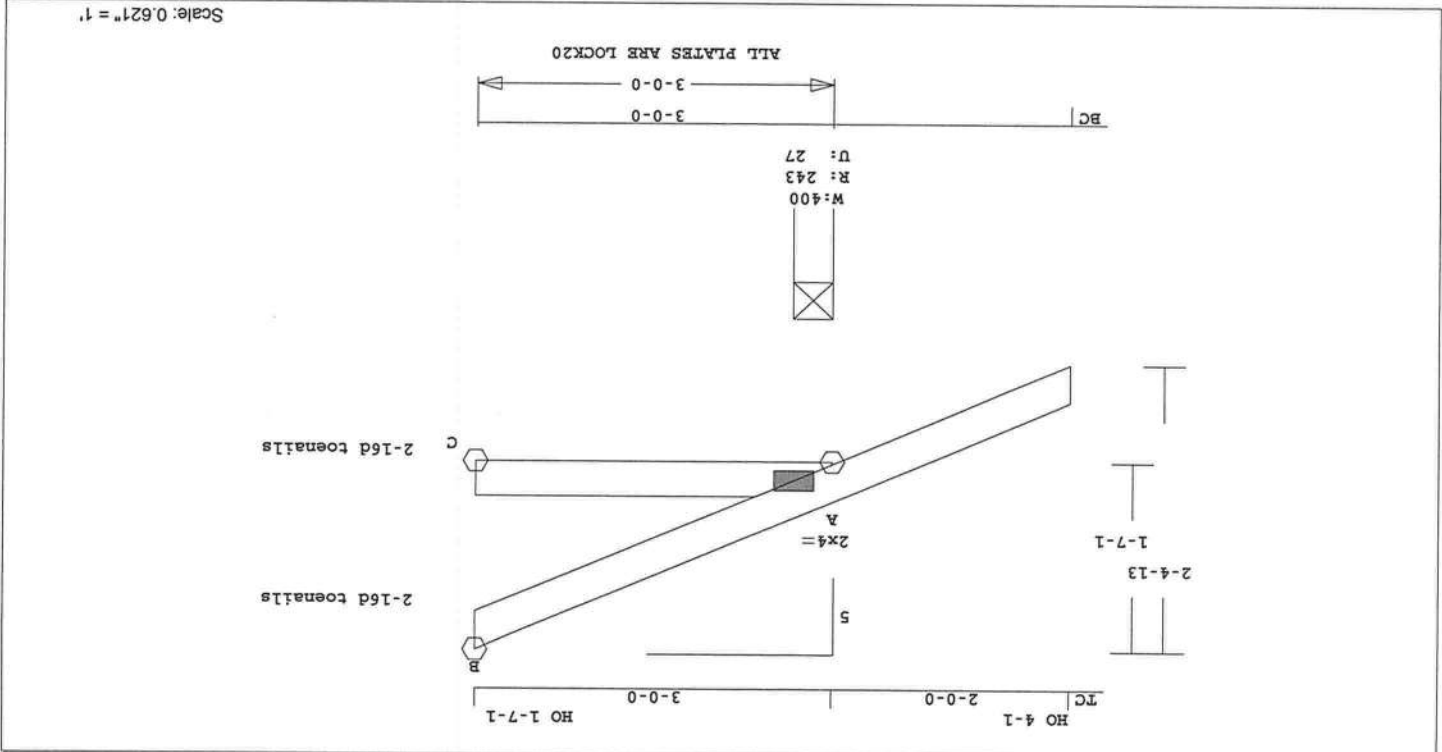
REFER TO ROBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.
 For proper installation of
 toe-nails, refer to the 2001
 National Design Specification
 (NDS) for Wood Construction
 NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 Design checked for 10 psf non-
 concurrent LT on BC.
 Wind Loads - ANSI / ASCE 7-02



Truss Design Engineer: Michael S. Magid
 License #: 53681
 Address: P.O. Box 280055, Tampa, FL 33682

Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 30 Lbs
 Max comp. force
 Quality Control Factor 1.25

Job	DORR	U# J#DORR TOM DORR
Mark	J5	13
Quan	Type	JCA2
Span	30000	5
Pl-HI	Left OH	2 - 0 - 0
Right OH	0	
Engineering	T05102084	



Scale: 0.621" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 16.1 LBS
 A - C 0.05 25 T 0.00 0.05
 TL Defl 0.00" in A - C L/999
 TL Defl 0.00" in A - C L/999
 Shear // Grain in A - B 0.08

Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 18 lbs
 Quality Control Factor 1.25

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.68

REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

REFER TO ROBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

For proper installation of
 toe-nails, refer to the 2001
 National Design Specification
 (NDS) for Wood Construction

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004

OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-

Plus 4 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Jt React Uplift Size Req'd
 Lbs In-Sx In-Sx
 A 243 27 4- 0 1- 0
 Hz = 37
 B 87 34 3- 8 1- 0
 C 55 0 3- 8 1- 0
 Hz = 25
 Membr CSI P Lbs Ax1-CSI-Bnd
 -----Top Chords-----
 A - B 0.06 18 C 0.00 0.06
 -----Bottom Chords-----

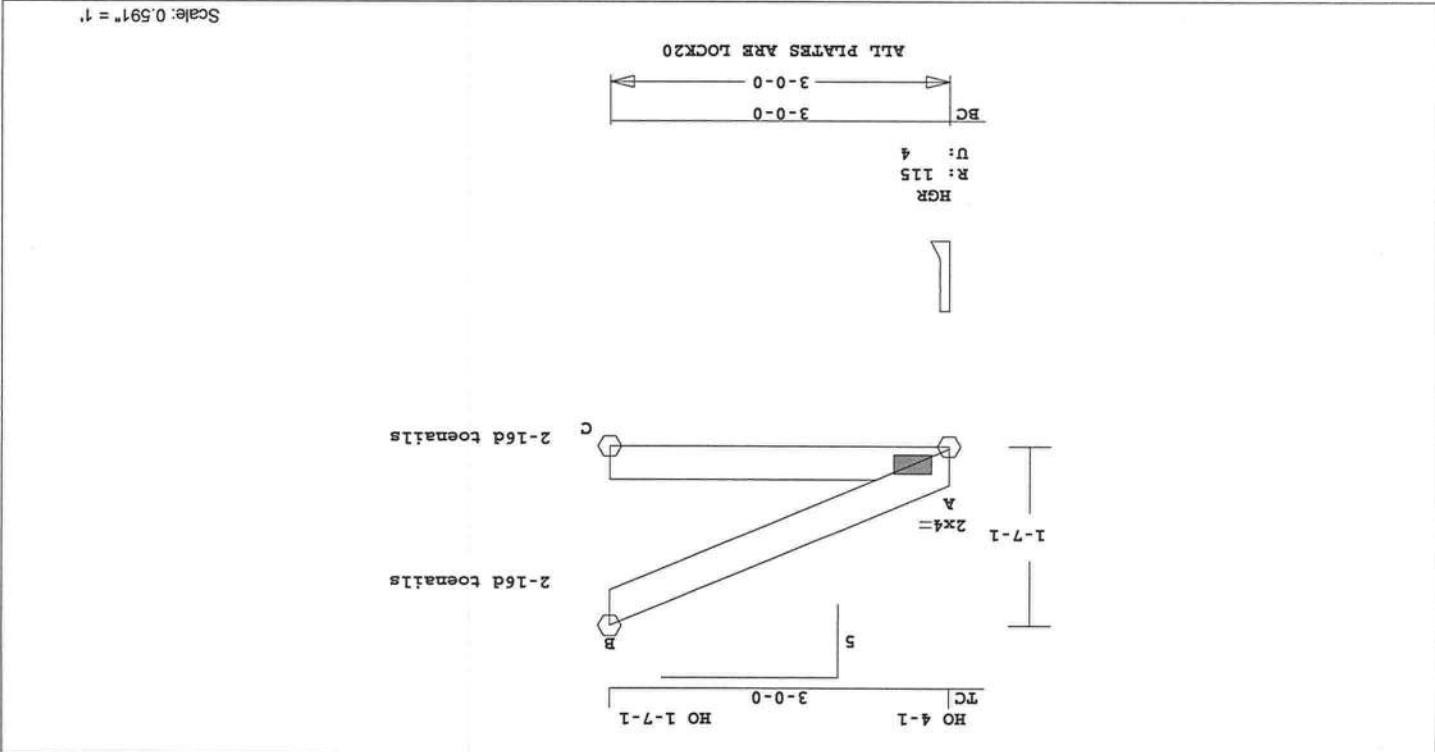
Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 3- 0- 0
 BC Cont. 0- 0- 0 3- 0- 0
 Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0
 Spacing 24.0"
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 TC Fb=1.15 Fc=1.10 Ft=1.10
 BC Fb=1.10 Fc=1.10 Ft=1.10

Online Plus -- Version 18.0.014
 RUN DATE: 20-OCT-05
 CSI -Size- Lumber-----
 TC 0.06 2x 4 SP-#2
 BC 0.05 2x 4 SP-#2

Truss Design Engineer: Michael S. Magid
 License #: 53681
 Address: P.O. Box 280055, Tampa, FL 33682



Job	DORR	U# J#DORR TOM DORR
Mark	J6	1
Quan	Type	Span
PL-HI	5	30000
Left OH	0	0
Right OH	0	0
Engineering	T05102084	



Scale: 0.591" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 12.0 LBS
 A - C 0.05 25 T 0.00 0.05
 Online Plus -- Version 18.0.014
 RUN DATE: 20-OCT-05

CSI -Size- ---Lumber----

TC 0.06 2x 4 SP-#2
 BC 0.05 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0-0-0 3-0-0
 BC Cont. 0-0-0 3-0-0

Loading Live Dead (psf)

TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0
 Spacing 24.0"

Lumber Duration Factor 1.25
 Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10
 BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Ut React Uplift Size Req'd

Lbs In-Sx In-Sx
 A 115 5 3-8 1-0
 B 87 34 3-8 1-0
 C 55 0 3-8 1-0

H_z = 37

H_z = 25

Member CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----
 A - B 0.06 18 C 0.00 0.06

-----Bottom Chords-----

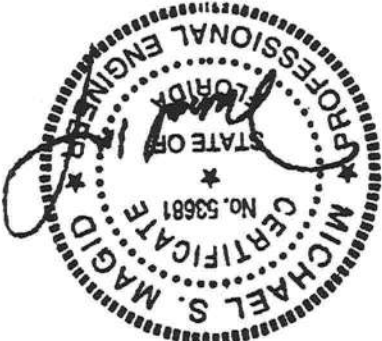
REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 Ut Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.68

REVISED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

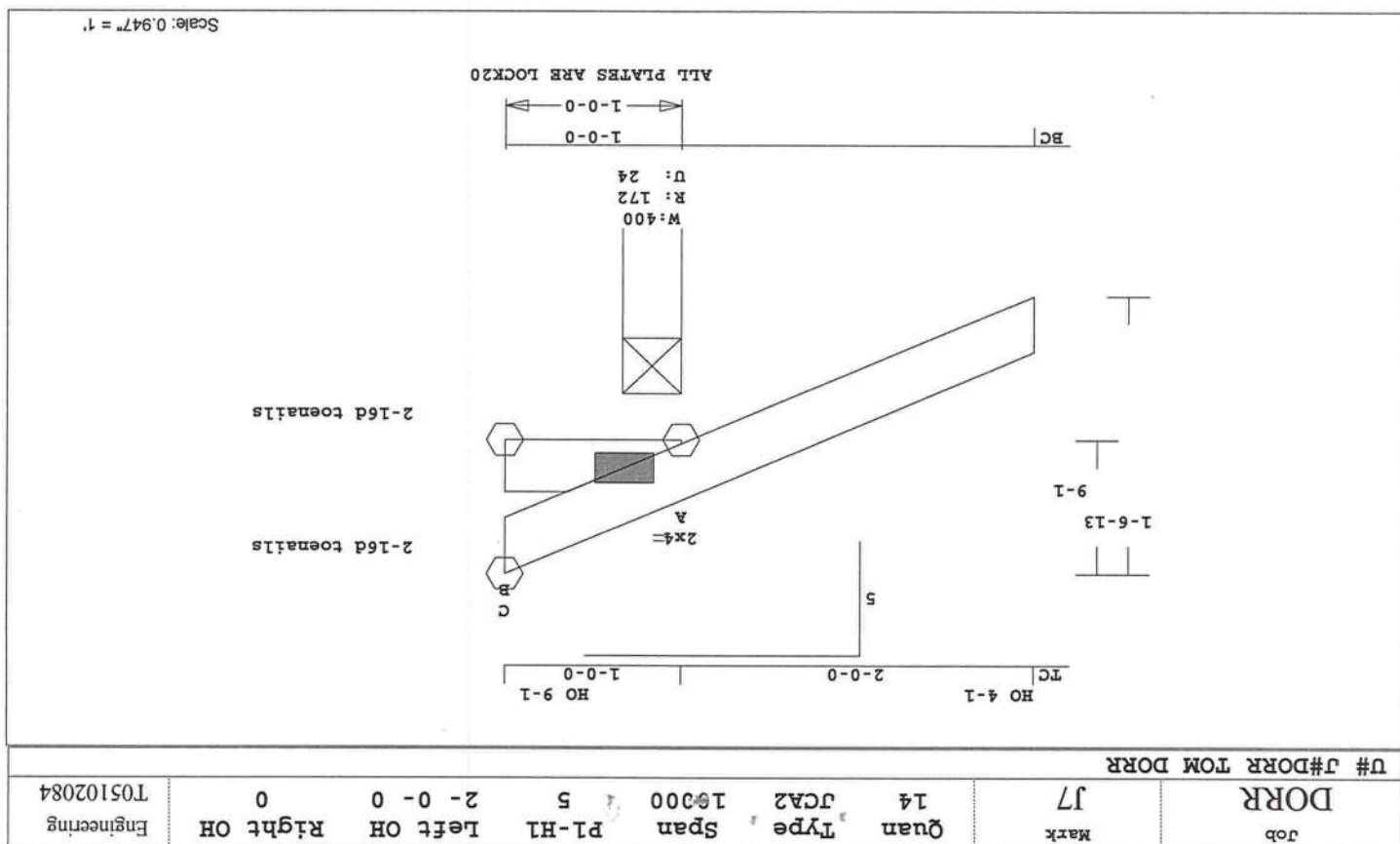
REFER TO ROBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

For proper installation of
 toe-nails, refer to the 2001
 National Design Specification
 (NDS) for Wood Construction

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FB2004
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02



Truss Design Engineer: Michael S. Magid
 License #: 53681
 Address: P.O. Box 280055, Tampa, FL 33682



```

-----
A - B 0.32 51 C 0.00 0.32
-----
Top Chords-----
Membr CSI P Lbs Ax1-CSI-Bnd
C 239 102 3- 8 1- 0 Hz = 106
A 357 101 3- 8 1- 0 Hz = -52
Jt React Uplift Size Req'd
Lbs In-Sx In-Sx
Plus 4 Wind Load Case(s)
Plus 1 UBC TL Load Case(s)

```

Brace truss as follows:

O.C.	From	To
TC Conf.	0 - 0 - 0	5-10- 8
BC Conf.	0 - 0 - 0	5-10- 8

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	40.0	
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

CSI-Size-	SP-#2	SP-#2	SP-#2
TC	0.32	2x 4	SP-#2
BC	0.24	2x 4	SP-#2
WB	0.01	2x 4	SP-#2

CHITHE PLUS -- VERSI
RUN DATE: 20-OCT-05

Robbins Engineering, Inc./online plus"	A - C	0.24	75 T	0.00	0.24
-----Webs-----					
on 18.0.014 C - B	0.01	155 C	WINDPLD		

Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15'-0"
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0 - 0 - 0 5-10-8
Max comp. force 155 lbs
Quality Control Factor 1.25

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.70
B LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 1.0x 3.0 Ctr Ctr 0.75

REVIEWED BY: Robbins Engineering, Inc.

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

ADDITIONAL SPECIFICATIONS.

NOTES:

Mayo Truss Co. Inc.

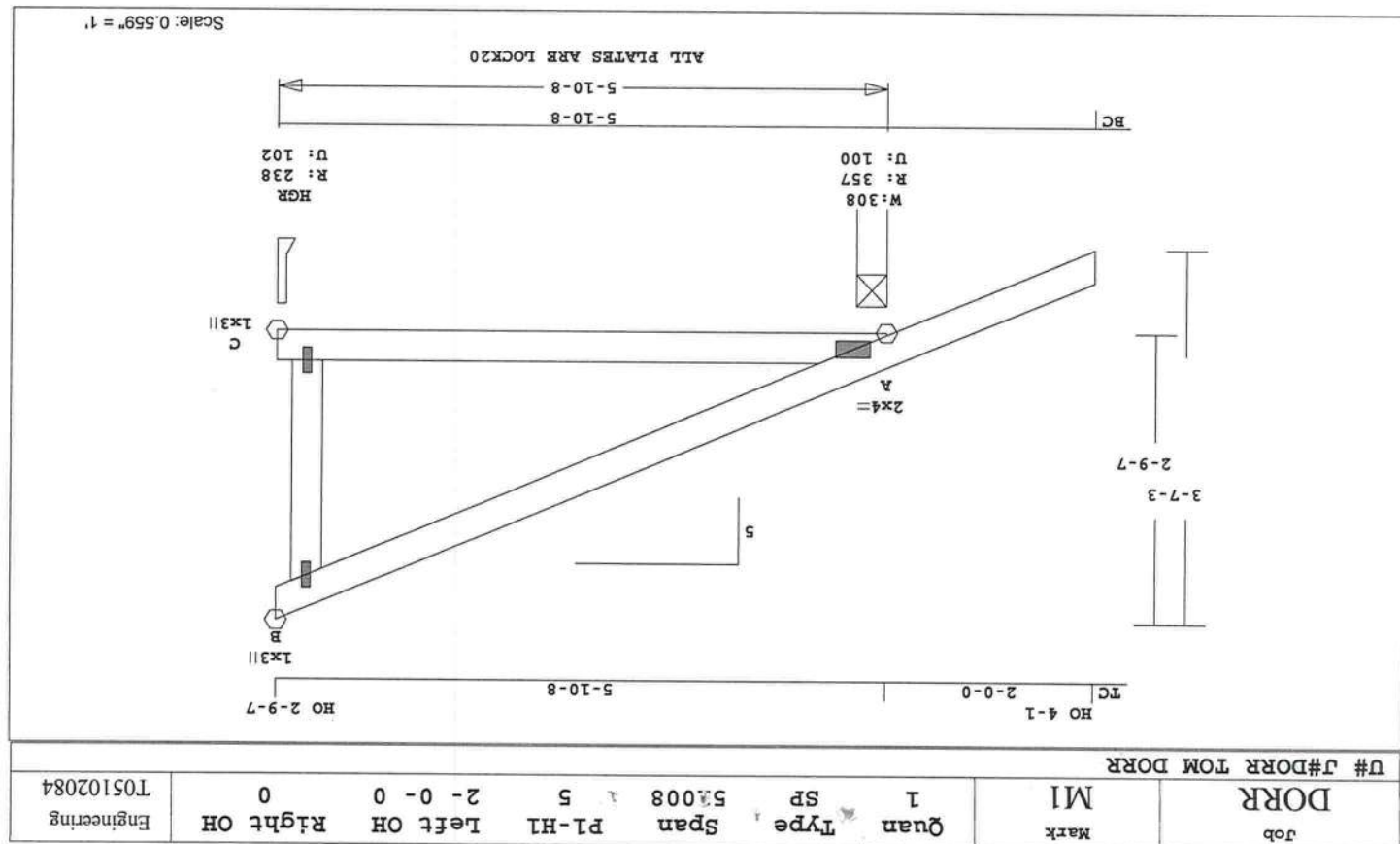
FBC2004

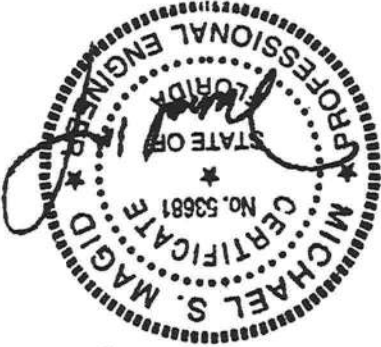
Software 2.0

concurrent LT on BC.

Engineering - Portland 10/20/2005 4:31:16 PM Page 1

I russ Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682





Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

REFER TO ROBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Softt psf 2.0
Design checked for 10 psf non-
concurrent LT on BC.

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 ga, Gross Area
 Plate - RHS 20 ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.68
 B LOCK 1.0x 3.0 Ctr Ctr 0.75
 C LOCK 1.0x 3.0 Ctr Ctr 0.75

WIND LOADS - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15'-0"
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0 - 0 - 0 3-10-8
Max comp. force 100 lbs
Quality Control Factor 1.25

```

-----Bottom Chords-----
A - B 0.12      31 C 0.00 0.12
-----Top Chords-----
Member  CSI  P Lbs  AXI-CSI-Bnd
C      159    68  3 - 8  1 - 0
      Hz = -31
A      277    78  3 - 8  1 - 0
      Hz = -31
      Lbs  In-Sx In-Sx
jt React Uplift Size Req'd
Plus 4 Wind Load Case(s)
Plus 1 UBC TL Load Case(s)

```

Brace truss as follows:

O.C.	From	To
TC Cont.	0 - 0 - 0	3-10-8
BC Cont.	0 - 0 - 0	3-10-8

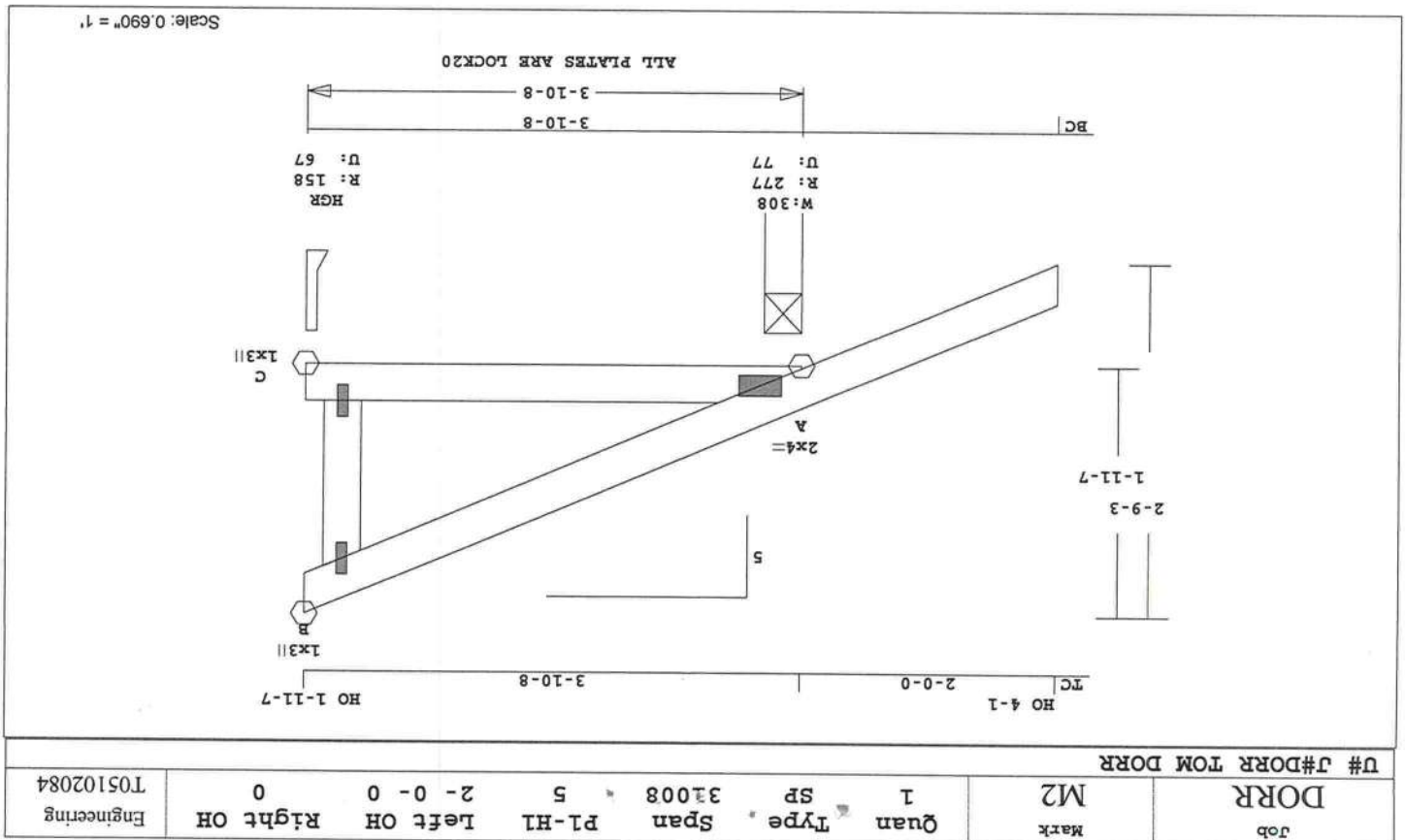
Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0

Spacing		24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Rb=1.15	Rc=1.10	Rt=1.10
BC Rb=1.10	Rc=1.10	Rt=1.10

CSI	Size	-----Lumber-----
TC	0.12	2x 4 SP-#2
BC	0.09	2x 4 SP-#2
WB	0.00	2x 4 SP-#2

Online Plus -- Version 18.0.014 C - B 0.00 100 C WindMld
RUN DATE: 20-OCT-05

Robbins Engineering, Inc./Online Plus™
A - C 0.09 47 T 0.00 APPROX. TRUSS
0.09



Tampa, FL 33682

```

-----Bottom Chords-----
A - B 0.05      20 C 0.00 0.05
-----Top Chords-----
Member      CSI  P Lbs  Axl-CSI-Bnd
C           112    48    3- 8 1- 0
           Hz =    21
A           230    67    3- 8 1- 0
           Hz =    21
Jt React Uplift Size Req'd
Lbs In-Sx In-Sx
Lbs In-Sx In-Sx
Plus 4 Wind Load Case(s)
Plus 1 UBC TL Load Case(s)

```

CS1	Size	From	To
WB	0.00	2x 4	SP-#2
BC	0.04	2x 4	SP-#2
TC	0.05	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0 - 0 - 0	2 - 8 - 8
BC Cont.	0 - 0 - 0	2 - 8 - 8

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0

Spacing	Number	Duration	Factor
			1.25
			1.25

Plate	Duration	Factor
		1.25

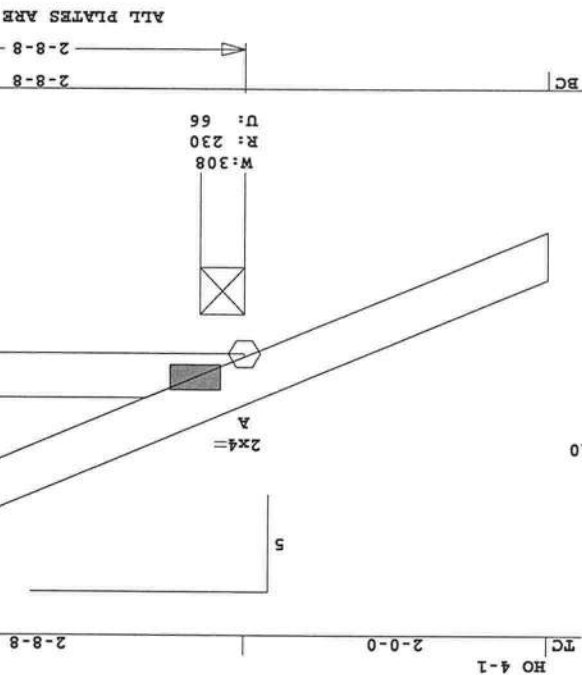
TC	RB	1.15	RC	1.10	RT	1.10
BC <td>RB <td>1.10 <td>RC <td>1.10 <td>RT <td>1.10</td> </td></td></td></td></td>	RB <td>1.10 <td>RC <td>1.10 <td>RT <td>1.10</td> </td></td></td></td>	1.10 <td>RC <td>1.10 <td>RT <td>1.10</td> </td></td></td>	RC <td>1.10 <td>RT <td>1.10</td> </td></td>	1.10 <td>RT <td>1.10</td> </td>	RT <td>1.10</td>	1.10

```

Robbins Engineering, Inc./Online plus™
A-C 0.04 31 T 0.00 0.04
-----Webs-----
Online Plus -- Version 18.0.014 C-B 0.00 68 C WindLd
RUN DATE: 20-OCT-05

```

WIND LOADS - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0 - 0 - 0 2 - 8 - 8
Max comp. force 68 lbs
Quality Control Factor 1.25

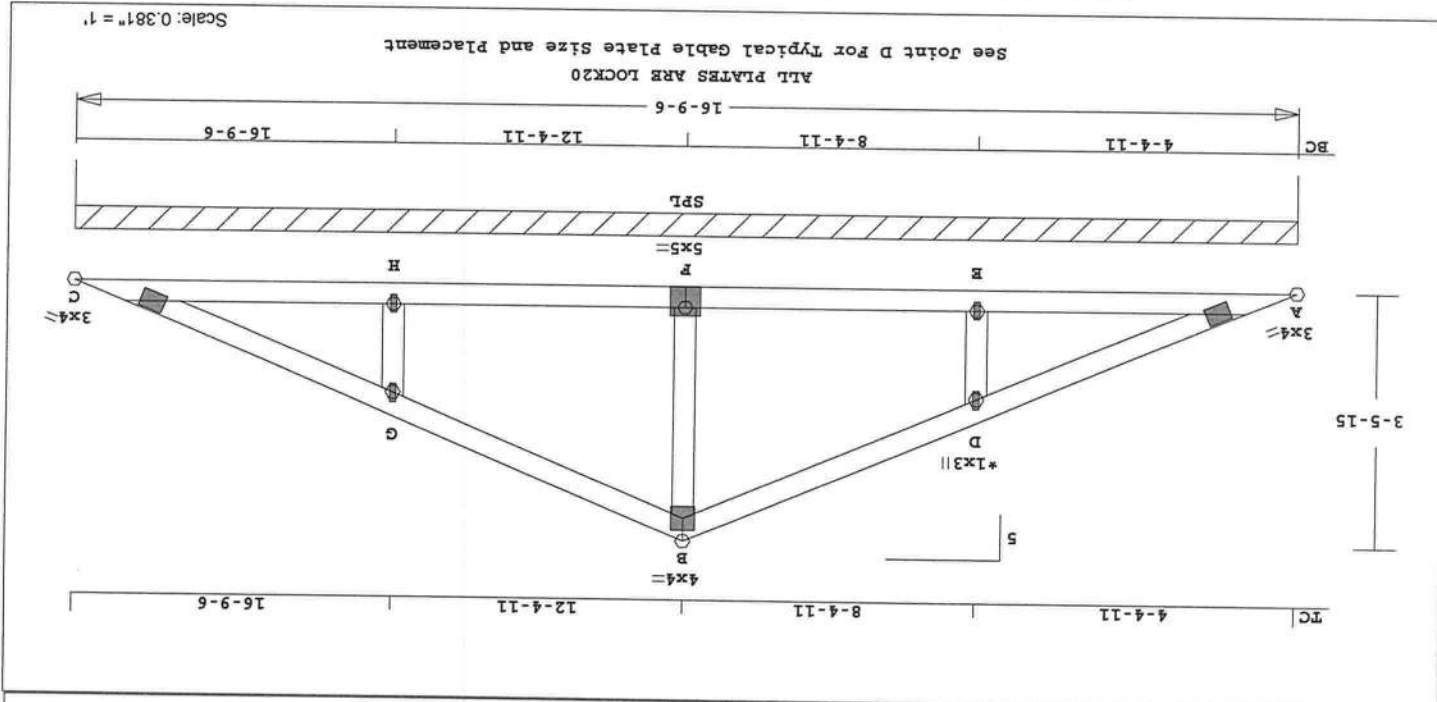


Scale: 0.794" = 1'

U# J#DORR TOM DORR

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
DORK	M3	5	SP	2@808	5	2-0-0	0	T05102084

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
DORR	VI	2	VL.SB	1-60906	5	0	0	T05102084
U# J#DORR TOM DORR								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 73.5 LBS
 E - F 0.09 0 T 0.00 0.09 F - H 0.09 0 T 0.00 0.09
 Online Plus -- Version 18.0.014 H - C 0.07 0 T 0.00 0.07
 RUN DATE: 20-OCT-05

CSI - Size - Lumber -
 TC 0.14 2x 4 SP-#2
 BC 0.09 2x 4 SP-#2
 GW 0.02 2x 4 SP-#2

Brace truss as follows:

O.C. From To
 TC Cont. 0 - 0 - 0 16 - 9 - 6
 BC Cont. 0 - 0 - 0 16 - 9 - 6

Loading Live Dead (psf)

TC 20.0 10.0
 BC 0.0 10.0

Total 20.0 20.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)

Plus 1 UBC TL Load Case(s)

Jt React Uplift Size Req'd

Cont. Brg 0 - 0 - 0 to 16 - 9 - 6

Member CSI P Lbs Ax1-CST-Bnd

A - E 0.07 0 T 0.00 0.07

LT Defl 0.00" in F - H L/999
 TL Defl -0.01" in F - H L/999
 Shear // Grain in D - B 0.15

Plates for each ply each face.
 PLATING CONFORMS TO TPI.

REPORT: NER 691
 BASED ON SP LUMBER
 USING GROSS AREA TEST.

Plate - LOCK 20 ga, Gross Area

Plate - RHS 20 ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 3.0x 4.0 Ctr Ctr 0.74

D LOCK 1.0x 3.0 Ctr Ctr 0.75

B LOCK 4.0x 4.0 Ctr Ctr 0.61

G LOCK 1.0x 3.0 Ctr Ctr 0.75

C LOCK 3.0x 4.0 Ctr Ctr 0.74

E LOCK 1.0x 3.0 Ctr Ctr 0.81

F LOCK 5.0x 5.0 Ctr Ctr 0.45

H LOCK 1.0x 3.0 Ctr Ctr 0.81

Trusses Manufactured by:

Robbins Engineering, Inc./Online Plus™

10/20/2005 4:31:17 PM Page 1

Date Sealed: 10/20/2005

Professional Engineer

State of Florida

Michael S. Magid

License #: 53681

Address: P.O. Box 280055, Tampa, FL 33682

Truss Design Engineer: Michael S. Magid

Professional Engineer

State of Florida

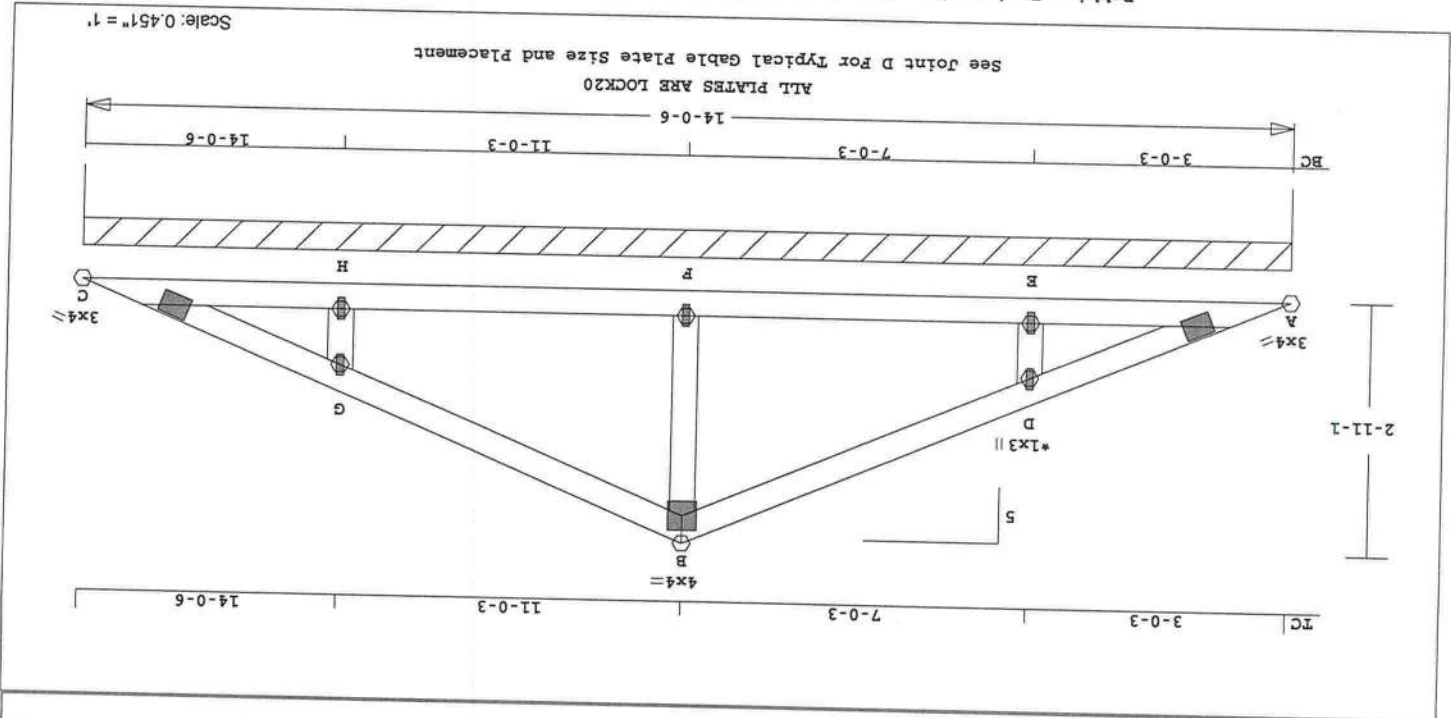
Michael S. Magid

License #: 53681

Address: P.O. Box 280055, Tampa, FL 33682

Truss Design Engineer: Michael S. Magid

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering	T05102084
DORK	V2	1	VL.SB	14006	5	0	0		
U# J#DORK TOM DORK									



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 59.4 LBS

Mayo Truss Co. Inc. Analysis Conforms To: FBC2004

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02 Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15'-0"

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone Location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 216 lbs

Quality Control Factor 1.25

CSL - Size - Lumber - TC 0.12 2x 4 SP-#2 BC 0.09 2x 4 SP-#2 GW 0.02 2x 4 SP-#2

Brace truss as follows: O.C. From To TC Cont. 0-0-0 14-0-6 BC Cont. 0-0-0 14-0-6

Plating conforms to TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 ga, Gross Area

Plate - RHS 20 ga, Gross Area

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Fb=1.10 Fc=1.10

BC Fb=1.10 Fc=1.10 Fb=1.10 Fc=1.10

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Online Plus -- Version 18.0.014 H - C 0.06 F - H 0.09 E - F 0.09

Run Date: 20-OCT-05

CSL - Size - Lumber - TC 0.12 2x 4 SP-#2 BC 0.09 2x 4 SP-#2 GW 0.02 2x 4 SP-#2

Brace truss as follows: O.C. From To TC Cont. 0-0-0 14-0-6 BC Cont. 0-0-0 14-0-6

Plating conforms to TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 ga, Gross Area

Plate - RHS 20 ga, Gross Area

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Fb=1.10 Fc=1.10

BC Fb=1.10 Fc=1.10 Fb=1.10 Fc=1.10

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Member CSI P Lbs Ax1-CSI-Bnd

Top Chords

A - D 0.12 37 C 0.00 0.12

D - B 0.12 55 C 0.00 0.12

B - G 0.12 55 C 0.00 0.12

G - C 0.12 37 C 0.00 0.12

Bottom Chords

A - E 0.06 0 T 0.00 0.06

Trusses Manufactured by:

NOTES:

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Tampa, FL 33682

PO Box 280055

Robbins Engineering, Inc.

REVIEWED BY:

1006 134 Hz = 0

Cont. Brg 0-0-0 to 14-0-6

Lbs In-Sx

UT React Uplift Size Req'd

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Member CSI P Lbs Ax1-CSI-Bnd

Top Chords

A - D 0.12 37 C 0.00 0.12

D - B 0.12 55 C 0.00 0.12

B - G 0.12 55 C 0.00 0.12

G - C 0.12 37 C 0.00 0.12

Bottom Chords

A - E 0.06 0 T 0.00 0.06

Trusses Manufactured by:

NOTES:

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Tampa, FL 33682

PO Box 280055

Robbins Engineering, Inc.

REVIEWED BY:

1006 134 Hz = 0

Cont. Brg 0-0-0 to 14-0-6

Lbs In-Sx

UT React Uplift Size Req'd

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Member CSI P Lbs Ax1-CSI-Bnd

Top Chords

A - D 0.12 37 C 0.00 0.12

D - B 0.12 55 C 0.00 0.12

B - G 0.12 55 C 0.00 0.12

G - C 0.12 37 C 0.00 0.12

Bottom Chords

A - E 0.06 0 T 0.00 0.06

Trusses Manufactured by:

NOTES:

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Tampa, FL 33682

PO Box 280055

Robbins Engineering, Inc.

REVIEWED BY:

1006 134 Hz = 0

Cont. Brg 0-0-0 to 14-0-6

Lbs In-Sx

UT React Uplift Size Req'd

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Member CSI P Lbs Ax1-CSI-Bnd

Top Chords

A - D 0.12 37 C 0.00 0.12

D - B 0.12 55 C 0.00 0.12

B - G 0.12 55 C 0.00 0.12

G - C 0.12 37 C 0.00 0.12

Bottom Chords

A - E 0.06 0 T 0.00 0.06

Trusses Manufactured by:

NOTES:

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Tampa, FL 33682

PO Box 280055

Robbins Engineering, Inc.

REVIEWED BY:

1006 134 Hz = 0

Cont. Brg 0-0-0 to 14-0-6

Lbs In-Sx

UT React Uplift Size Req'd

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Member CSI P Lbs Ax1-CSI-Bnd

Top Chords

A - D 0.12 37 C 0.00 0.12

D - B 0.12 55 C 0.00 0.12

B - G 0.12 55 C 0.00 0.12

G - C 0.12 37 C 0.00 0.12

Bottom Chords

A - E 0.06 0 T 0.00 0.06

Trusses Manufactured by:

NOTES:

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Tampa, FL 33682

PO Box 280055

Robbins Engineering, Inc.

REVIEWED BY:

1006 134 Hz = 0

Cont. Brg 0-0-0 to 14-0-6

Lbs In-Sx

UT React Uplift Size Req'd

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Member CSI P Lbs Ax1-CSI-Bnd

Top Chords

A - D 0.12 37 C 0.00 0.12

D - B 0.12 55 C 0.00 0.12

B - G 0.12 55 C 0.00 0.12

G - C 0.12 37 C 0.00 0.12

Bottom Chords

A - E 0.06 0 T 0.00 0.06

Trusses Manufactured by:

NOTES:

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Tampa, FL 33682

PO Box 280055

Robbins Engineering, Inc.

REVIEWED BY:

1006 134 Hz = 0

Cont. Brg 0-0-0 to 14-0-6

Lbs In-Sx

UT React Uplift Size Req'd

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Member CSI P Lbs Ax1-CSI-Bnd

Top Chords

A - D 0.12 37 C 0.00 0.12

D - B 0.12 55 C 0.00 0.12

B - G 0.12 55 C 0.00 0.12

G - C 0.12 37 C 0.00 0.12

Bottom Chords

A - E 0.06 0 T 0.00 0.06

Trusses Manufactured by:

NOTES:

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Tampa, FL 33682

PO Box 280055

Robbins Engineering, Inc.

REVIEWED BY:

1006 134 Hz = 0

Cont. Brg 0-0-0 to 14-0-6

Lbs In-Sx

UT React Uplift Size Req'd

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

UT React Uplift Size Req'd

Lbs In-Sx

Cont. Brg 0-0-0 to 14-0-6

Member CSI P Lbs Ax1-CSI-Bnd

Top Chords

A - D 0.12 37 C 0.00 0.12

D - B 0.12 55 C 0.00 0.12

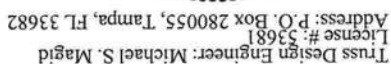
B - G 0.12 55 C 0.00 0.12

G - C 0.12 37 C 0.00 0.12

Bottom Chords

A - E 0.06 0 T 0.00 0.06

Trusses Manufactured by:



ut React Uplift Size Req'd	Lbs	Cont. Brq	906
Lbs In-Sx In-Sx	0-0-0 to 12-9-6	121 Hz =	0
Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A-B	0.22	87 C	0.00 0.22
B-C	0.22	87 C	0.00 0.22
-----Bottom Chords-----			
A-D	0.15	0 T	0.00 0.15
D-C	0.15	0 T	0.00 0.15
-----Gable Webs-----			

Plus 4 Wind Load Case(s)	Plus 1 UBC LT Load Case(s)
--------------------------	----------------------------

Plate	Duration	Factor	1.25	1.10	1.10	1.10
TC	Rb=1.15	Rc=1.10	Rt=1.10			
BC	Rb=1.10	Rc=1.10	Rt=1.10			

O.C.		From		To	
TC Cont.	0 - 0 - 0	12 - 9 - 6	BC Cont.	0 - 0 - 0	12 - 9 - 6
Loading	Live	Dead	(psf)		
TC	20.0	10.0			
BC	0.0	10.0			
Total	20.0	20.0			
Spacing					24.0"

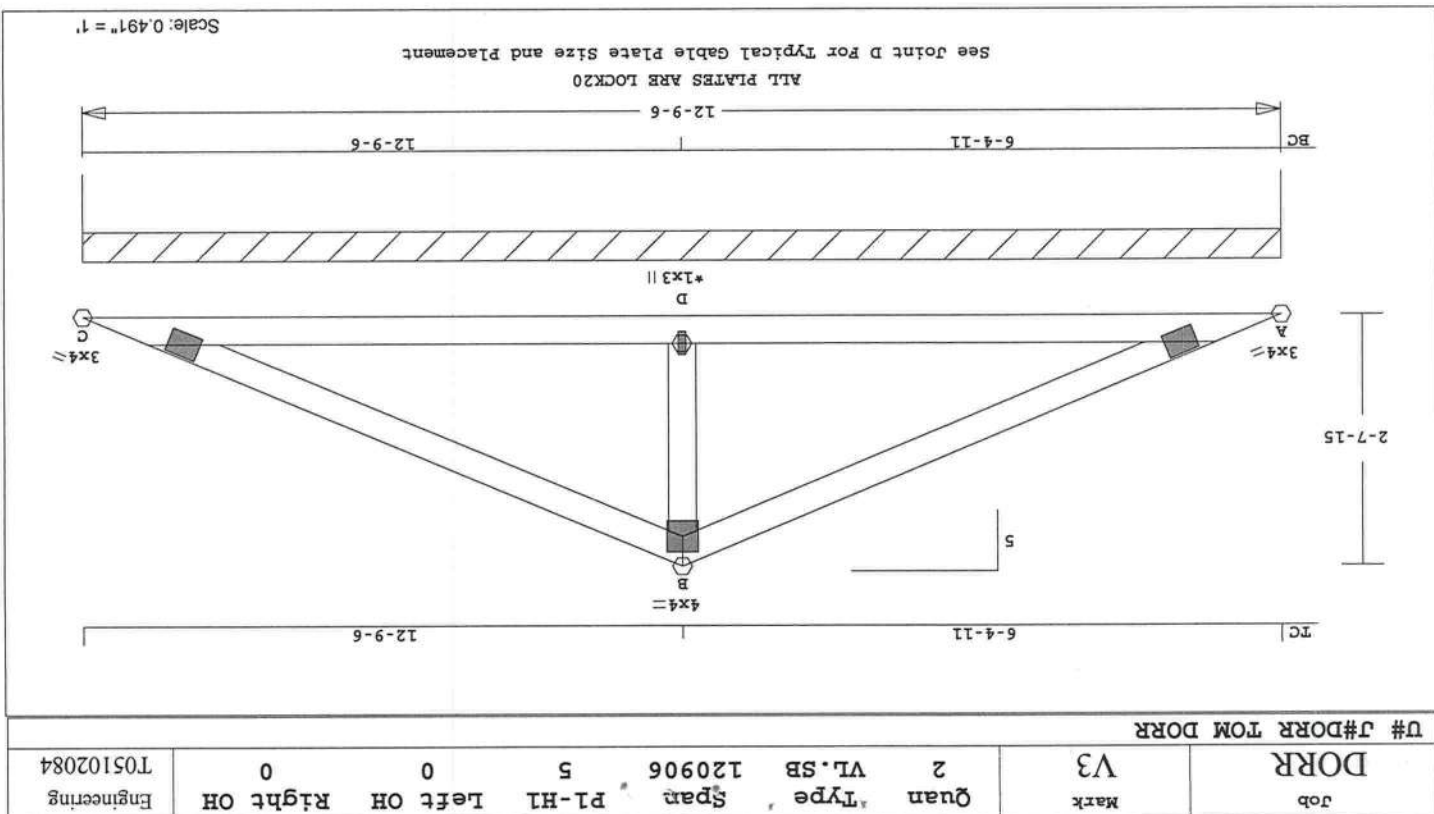
Brace truss as follows:

GW 0.02 2x 4 SP-#2

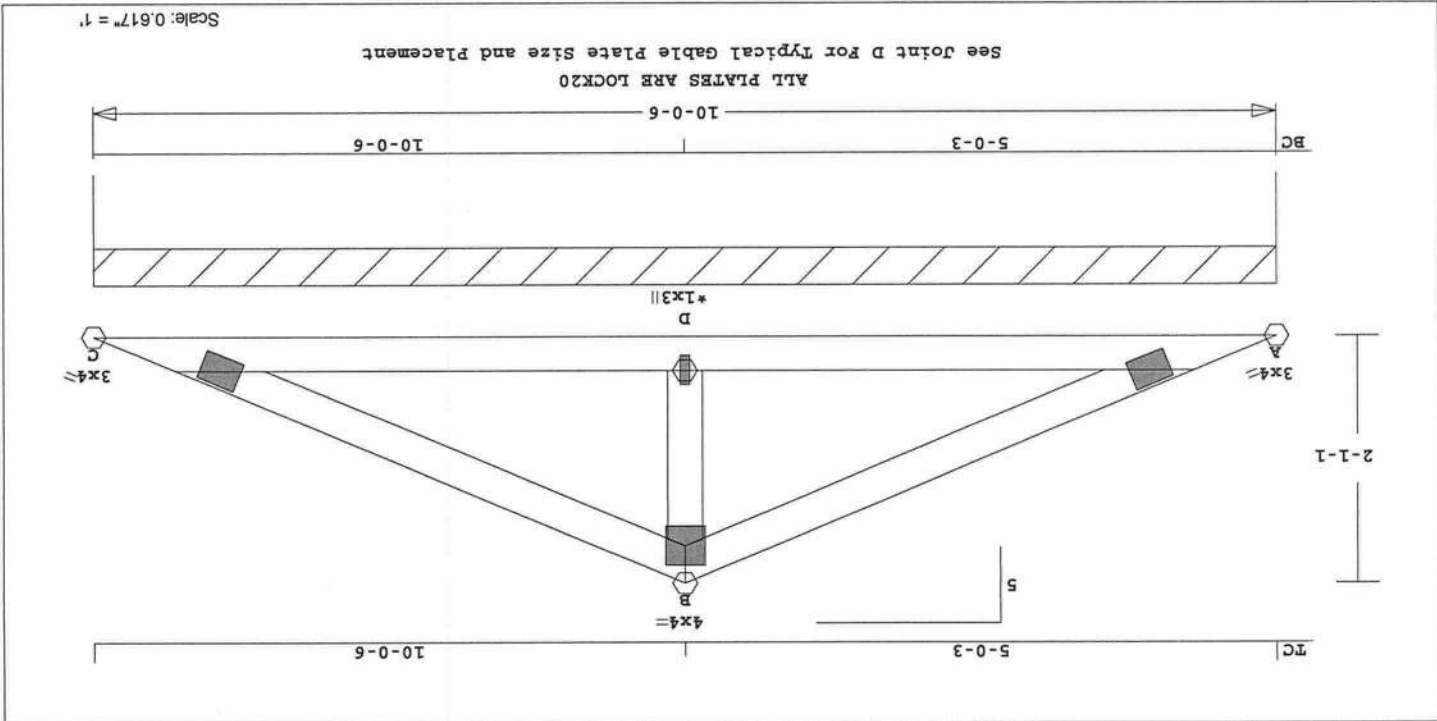
TC	0.22	2x	4	SP-#2
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Online Plus -- Version 18.0.014
RUN DATE: 20-OCT-05

Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force: 229 lbs
Quality Control Factor 1.25



Job	DORR	U# J#DORR TOM DORR
Mark	V4	1
Quan	Type	VL.SB
Span	PI-H1	5
Left OH	Right OH	0
Engineering	T05102084	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 39.4 LBS
D - B 0.01 171 C
-----Gable Webs-----

LT Defl 0.00" in A - D L/999
TL Defl -0.01" in D - C L/999
Shear // Grain in A - B 0.14
Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr 0.63
B LOCK 4.0x 4.0 Ctr 0.51
C LOCK 3.0x 4.0 Ctr 0.63
D LOCK 1.0x 3.0 Ctr 0.75

Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone Location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 171 lbs
Quality Control Factor 1.25

Online Plus -- Version 18.0.014
RUN DATE: 20-OCT-05
CSI - Size - Lumber-----
TC 0.11 2x 4 SP-#2
BC 0.08 2x 4 SP-#2
GW 0.01 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 10-0-6
BC Cont. 0-0-0 10-0-6
Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

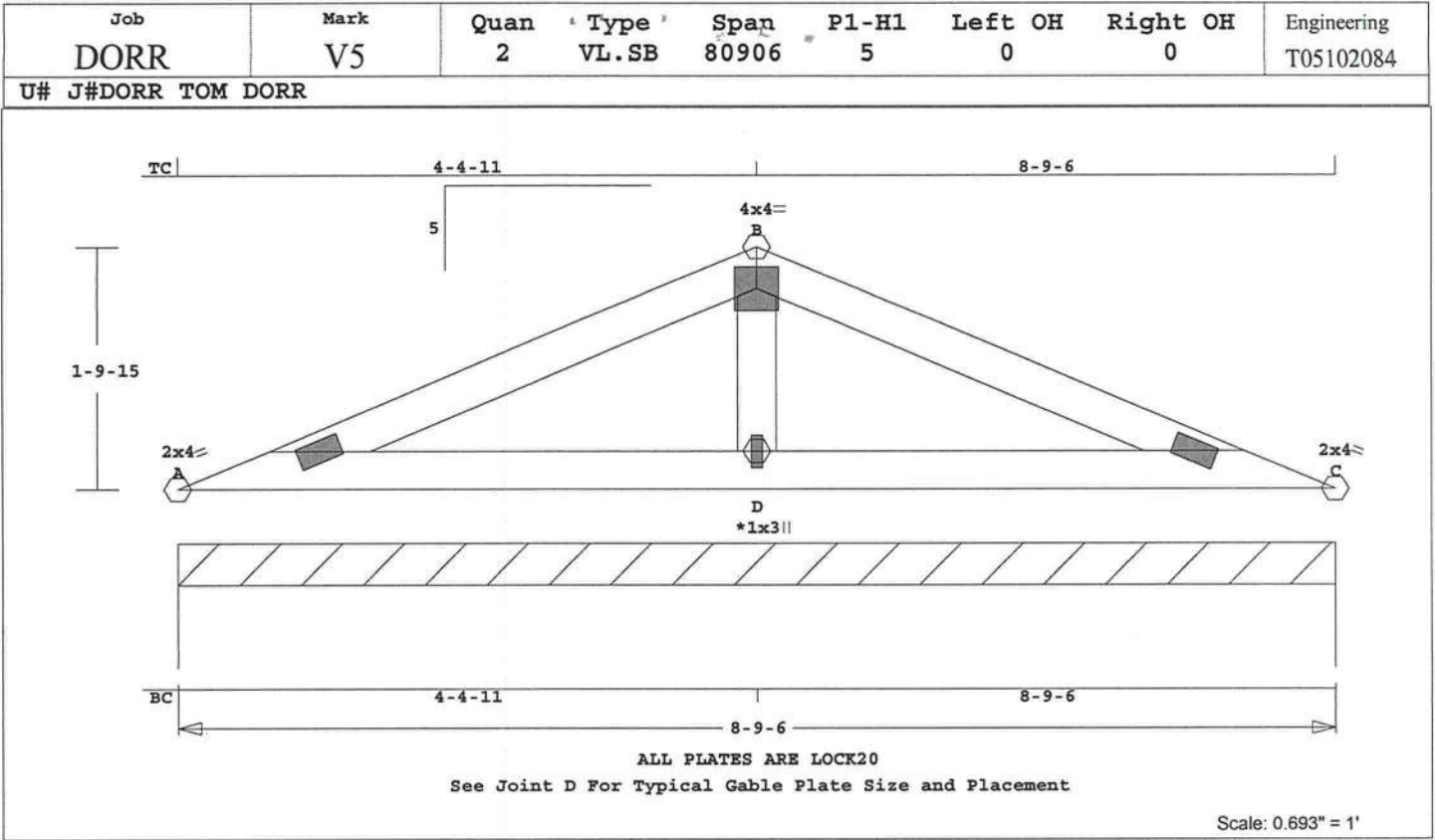
plus 4 Wind Load Case(s)
plus 1 UBC LL Load Case(s)
Jt React Uplift Size Req'd
Lbs In-Sx In-Sx
Cont. Brg 0-0-0 to 10-0-6
686 91 Hz = 0
Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A - B 0.11 60 C 0.00 0.11
B - C 0.11 60 C 0.00 0.11
-----Bottom Chords-----
A - D 0.08 0 T 0.00 0.08
D - C 0.08 0 T 0.00 0.08
Wind-Force Resistance System.
Truss is designed as a Main
Wind Loads - ANSI / ASCE 7-02
concurrent LL on BC.
Design checked for 10 psf non-FBC2004
Analysis conforms To:
Mayo Truss Co. Inc.
Trusses Manufactured by:

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis conforms To:
FBC2004
Design checked for 10 psf non-FBC2004
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 34.0 LBS

-----Gable Webs-----

D -B 0.01 144 C

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 144 Lbs

Quality Control Factor 1.25

Online Plus -- Version 18.0.014

RUN DATE: 20-OCT-05

CSI -Size- ----Lumber----

TC 0.07 2x 4 SP-#2

BC 0.05 2x 4 SP-#2

GW 0.01 2x 4 SP-#2

LL Defl 0.00" in D -C L/999

TL Defl 0.00" in D -C L/999

Shear // Grain in A -B 0.11

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.77

B LOCK 4.0x 4.0 Ctr Ctr 0.50

C LOCK 2.0x 4.0 Ctr Ctr 0.77

D LOCK 1.0x 3.0 Ctr Ctr 0.75

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 8- 9- 6

BC Cont. 0- 0- 0 8- 9- 6

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

Cont. Brg 0- 0- 0 to 8- 9- 6

586 78 Hz = 0

Membr CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----

A -B 0.07 49 C 0.00 0.07

B -C 0.07 49 C 0.00 0.07

-----Bottom Chords-----

A -D 0.05 0 T 0.00 0.05

D -C 0.05 0 T 0.00 0.05

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

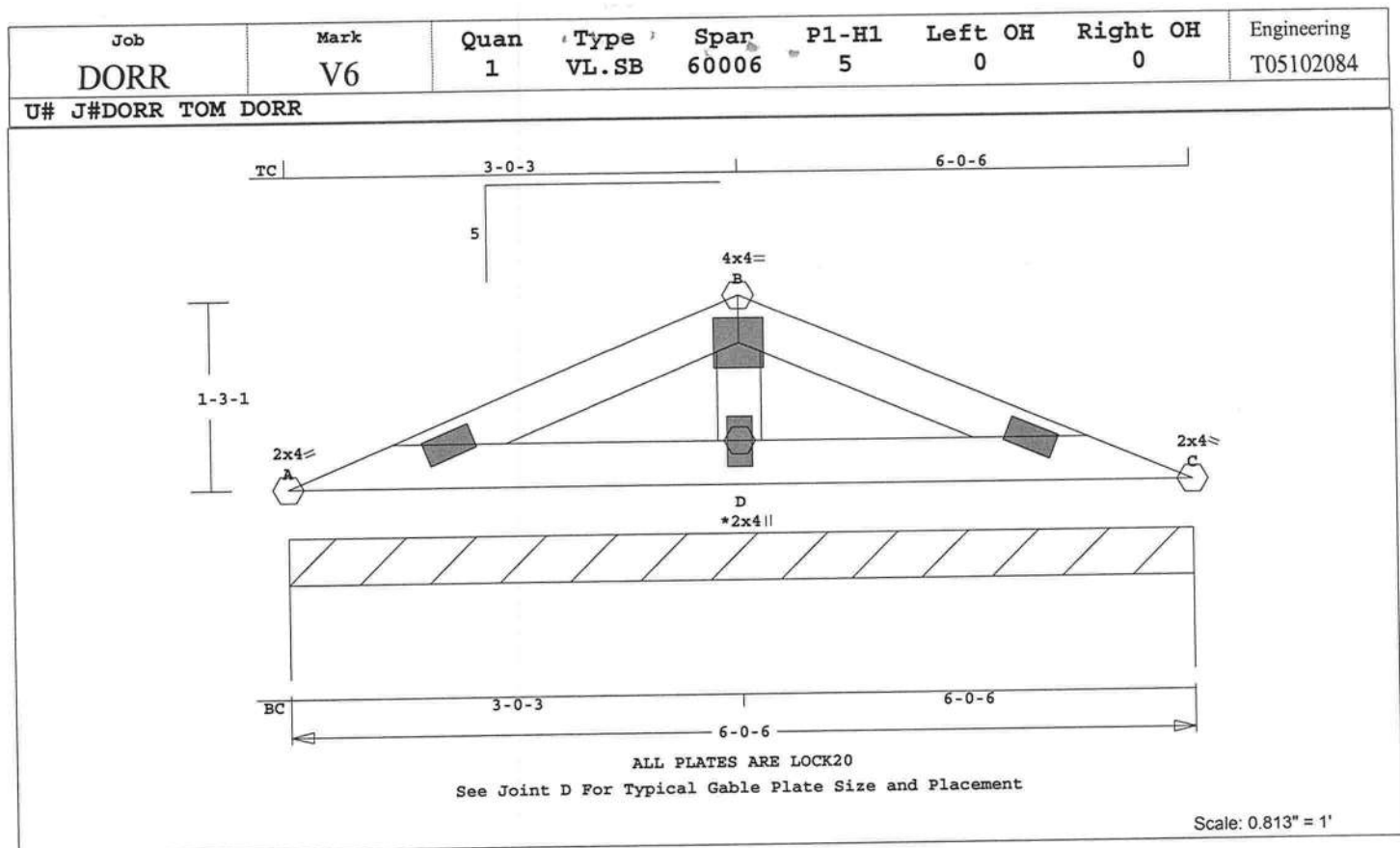
Wind-Force Resistance System.

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 10/20/2005

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Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 22.1 LBS

D -C 0.01 0 T 0.00 0.01

Truss is designed as a Main
Wind-Force Resistance System.

-----Gable Webs-----

Wind Speed: 110 mph

D -B 0.00 86 C

Mean Roof Height: 15-0

LL Defl 0.00" in D -C L/999

Exposure Category: B

TL Defl 0.00" in D -C L/999

Occupancy Factor : 1.00

Shear // Grain in A -B 0.06

Building Type: Enclosed

Zone location: Exterior

Plates for each ply each face.

TC Dead Load : 5.0 psf

PLATING CONFORMS TO TPI.

BC Dead Load : 5.0 psf

REPORT: NER 691

Max comp. force 86 Lbs

ROBBINS ENGINEERING, INC.

Quality Control Factor 1.25

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.71

B LOCK 4.0x 4.0 Ctr Ctr 0.46

C LOCK 2.0x 4.0 Ctr Ctr 0.71

D LOCK 2.0x 4.0 Ctr Ctr 0.00

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Online Plus -- Version 18.0.014
RUN DATE: 20-OCT-05

CSI -Size- ----Lumber----

TC 0.02 2x 4 SP-#2

BC 0.01 2x 4 SP-#2

GW 0.00 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 6- 0- 6

BC Cont. 0- 0- 0 6- 0- 6

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

Cont. Brg 0- 0- 0 to 6- 0- 6

366 49 Hz = 0

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----

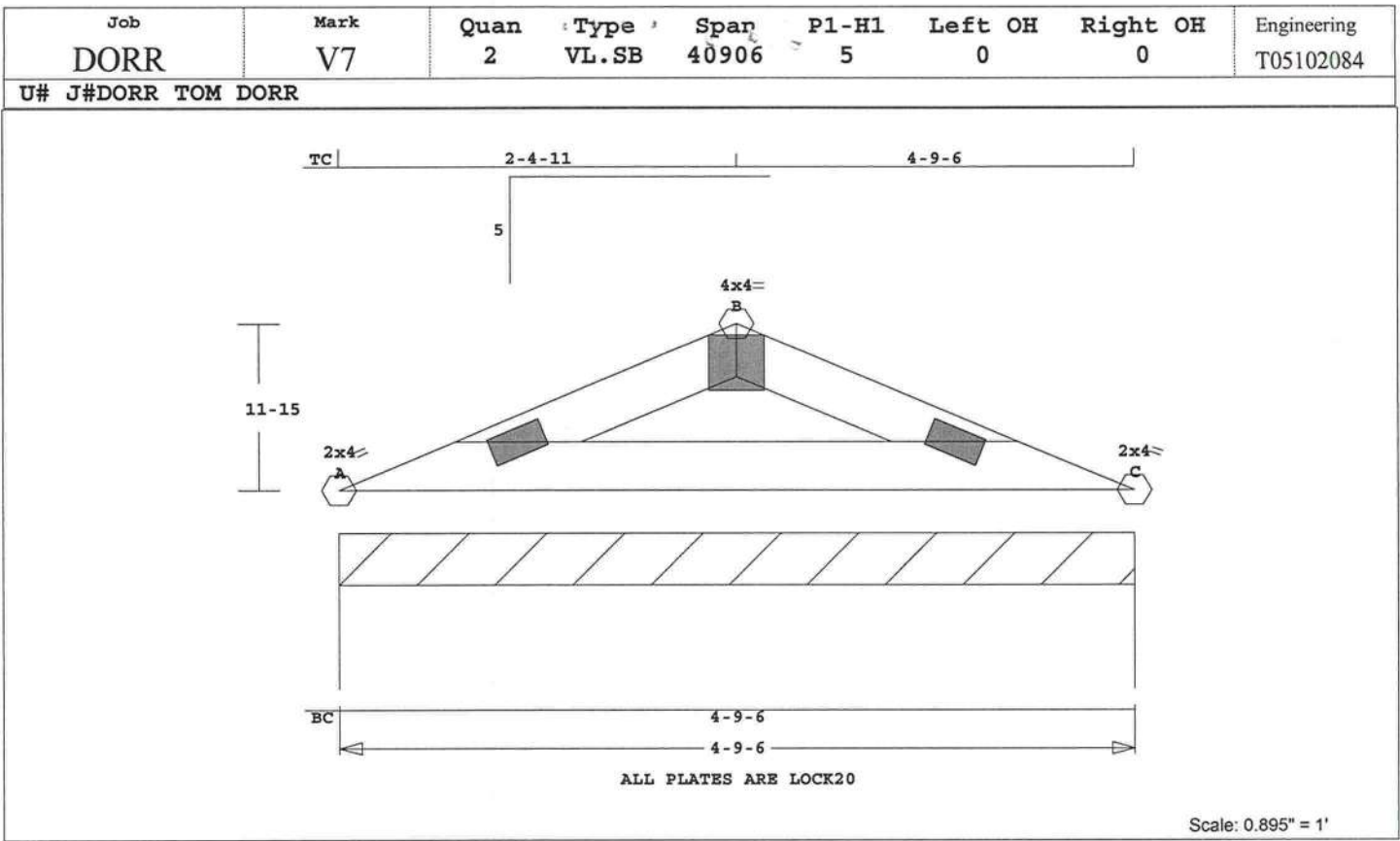
A -B 0.02 25 C 0.00 0.02

B -C 0.02 25 C 0.00 0.02

-----Bottom Chords-----

A -D 0.01 0 T 0.00 0.01





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.0 LBS

LL Defl 0.00" in A -C L/999
TL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.04

Online Plus -- Version 18.0.014
RUN DATE: 20-OCT-05

CSI -Size- ----Lumber----

TC	0.01	2x 4	SP-#2
BC	0.02	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 9- 6
BC Cont.	0- 0- 0	4- 9- 6

Loading Live Dead (psf)

TC	20.0	10.0
BC	0.0	10.0
Total	20.0	20.0

Spacing 24.0"

Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx

Cont. Brg	0- 0- 0	to 4- 9- 6
266	35	Hz = 0

Membr CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----				
A -B	0.01	86 C	0.00	0.01
B -C	0.01	86 C	0.00	0.01
-----Bottom Chords-----				
A -C	0.02	0 T	0.00	0.02

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI

A	LOCK	2.0x 4.0	Ctr Ctr	0.68
B	LOCK	4.0x 4.0	Ctr-0.9	0.33
C	LOCK	2.0x 4.0	Ctr Ctr	0.68

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

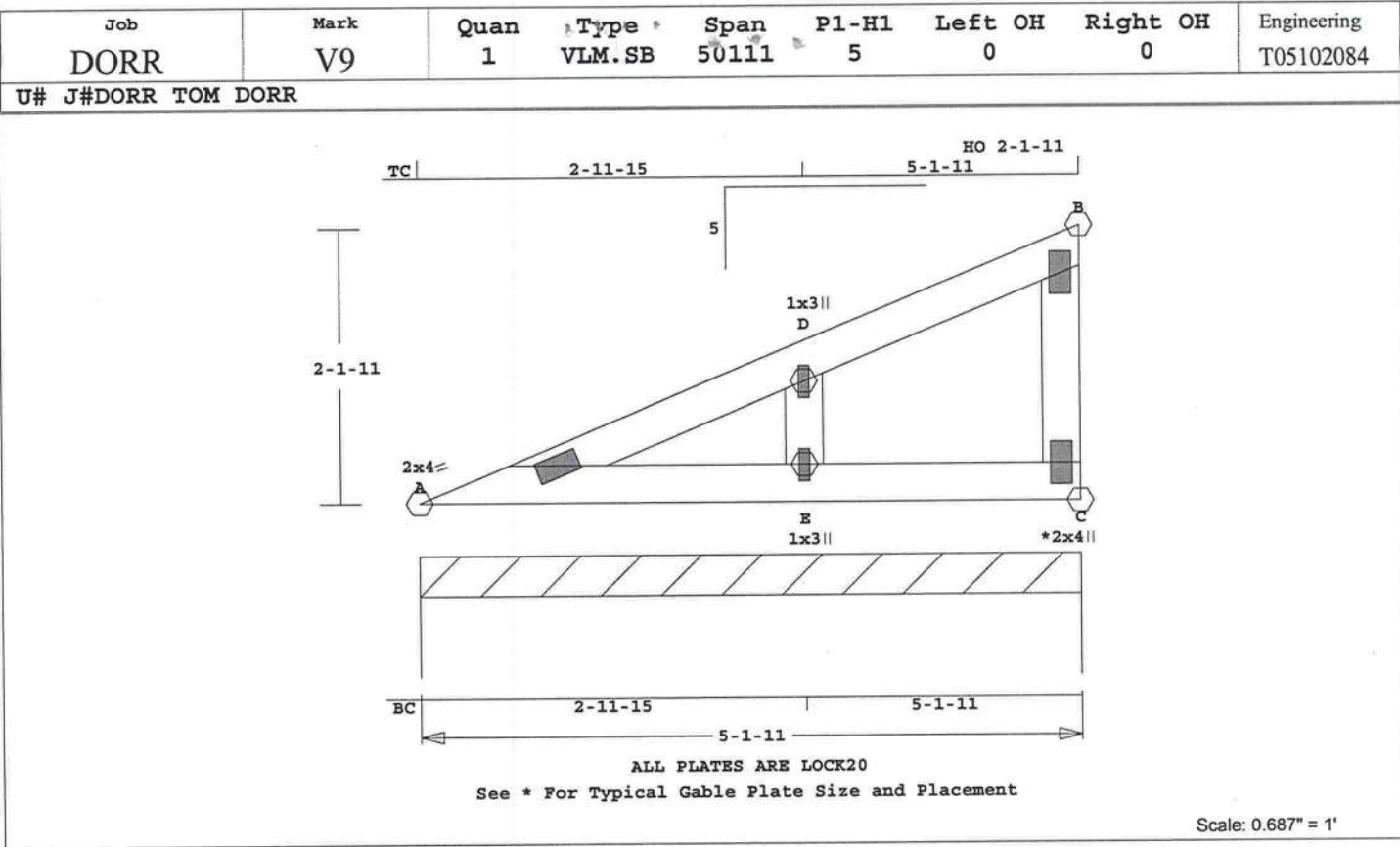
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B

Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 86 Lbs
Quality Control Factor 1.25

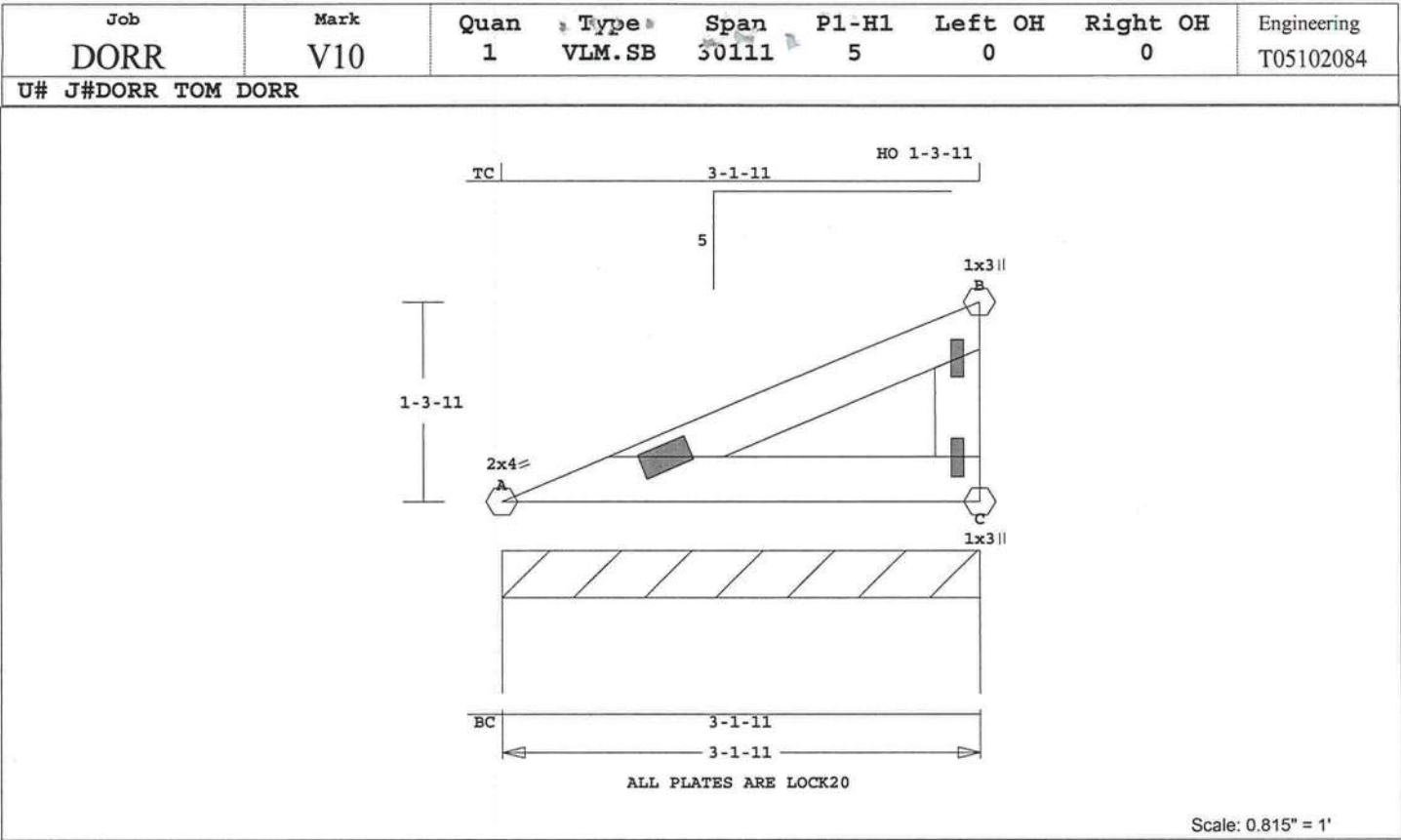
Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.0 LBS				Wind Loads - ANSI / ASCE 7-02			
E -C 0.14 0 T 0.00 0.14				Truss is designed as a Main			
-----Gable Webs-----				Wind-Force Resistance System.			
E -D 0.01 135 C				Wind Speed: 110 mph			
LL Defl -0.01" in E -C L/999				Mean Roof Height: 15-0			
TL Defl -0.02" in E -C L/999				Exposure Category: B			
Shear // Grain in A -D 0.17				Occupancy Factor : 1.00			
Plates for each ply each face.				Building Type: Enclosed			
PLATING CONFORMS TO TPI.				Zone location: Exterior			
REPORT: NER 691				TC Dead Load : 5.0 psf			
ROBBINS ENGINEERING, INC.				BC Dead Load : 5.0 psf			
BASED ON SP LUMBER				Max comp. force 135 Lbs			
USING GROSS AREA TEST.				Quality Control Factor 1.25			
Plate - LOCK 20 Ga, Gross Area							
Plate - RHS 20 Ga, Gross Area							
Jt Type Plt Size X Y JSI							
A LOCK 2.0x 4.0 Ctr Ctr 0.68							
D LOCK 1.0x 3.0 Ctr Ctr 0.75							
E LOCK 1.0x 3.0 Ctr Ctr 0.75							
1 Gable studs to be attached							
with 2.0x4.0 plates each end.							
REVIEWED BY:							
Robbins Engineering, Inc.							
PO Box 280055							
Tampa, FL 33682							
REFER TO ROBBINS ENG. GENERAL							
NOTES AND SYMBOLS SHEET FOR							
ADDITIONAL SPECIFICATIONS.							
NOTES:							
Trusses Manufactured by:							
Mayo Truss Co. Inc.							
Analysis Conforms To:							
FBC2004							
Design checked for 10 psf non-							
concurrent LL on BC.							





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 12.3 LBS
C -B 0.00 53 C WindLd

Online Plus -- Version 18.0.014
RUN DATE: 20-OCT-05

CSI -Size- ----Lumber----

TC	0.02	2x 4	SP-#2
BC	0.01	2x 4	SP-#2
GW	0.00	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	3- 1-11
BC Cont.	0- 0- 0	3- 1-11

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to	3- 1-11	
	193	26	Hz =	31

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.02		12 C	0.00	0.02
-----Bottom Chords-----					
A -C	0.01		0 T	0.00	0.01
-----Gable Webs-----					

LL Defl 0.00" in A -C L/999
TL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.07

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.68
B LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 1.0x 3.0 Ctr Ctr 0.75

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

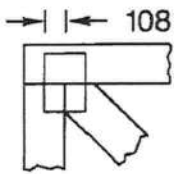
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 53 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682



ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



Center plates on joints unless otherwise noted in plate list or on drawing. Dimensions are given in inches (i.e. 1 1/2" or 1.5") or IN-16ths (i.e. 108).

PLATE SIZE

6 x 8

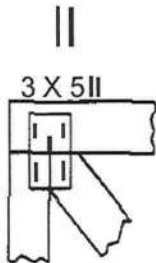
The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots.

LATERAL BRACING



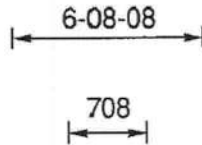
Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.

PLATE ORIENTATION



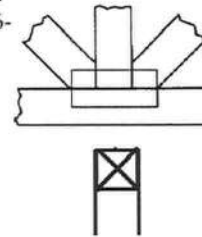
Shown next to plate size, indicates direction of slots in connector plate.

DIMENSIONS



All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).

BEARING



When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before erecting this truss. If necessary, shim bearings to assure solid contact with truss.

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearings at each end, unless indicated otherwise. Cutting and fabrication shall be performed on equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and these designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted. These designs were prepared in accordance with "National Design Specifications for Wood Construction" (AF & PA), "National Design Standard for Metal Plate Connected Wood Truss Construction" (TPI), and HUD Design Criteria for Trussed Rafters.

Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 as published by the Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning proper erection bracing to prevent toppling and "dominoing". Care should be taken to prevent damage during fabrication, storage, shipping and erection. Top and bottom chords shall be adequately braced in the absence of sheathing or rigid ceiling, respectively. It is the responsibility of others to ascertain that the design loads utilized on these drawings meet or exceed the actual dead loads imposed by the structure and the live loads imposed by the local building code or historical climatic records.

FURNISH A COPY OF THESE DESIGNS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE TRUSS DESIGN DRAWINGS & VERIFY THAT DATA INCLUDING DIM. & LOADS CONFORM TO ARCH. PLAN/SPECS & FAB. TRUSS PLACEMENT DIAGRAM.



Corporate Headquarters

6904 Parke East Blvd
Tampa, FL 33610-4115
813-972-1135 Fax: 813-971-6117

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

Rendered to:

MI WINDOWS AND DOORS, INC.

**SERIES/MODEL: 740
PRODUCT TYPE: Aluminum Fixed Window**

Title	Summary of Results	
	Test Specimen #1	Test Specimen #2
Rating	F-R45 48 x 48	F-R45 48 x 48
Air Infiltration	0.01 cfm/ft ²	N/A
Water Resistance Test Pressure	6.75 psf	N/A
Uniform Load Deflection Test Pressure	±70.0 psf	±70.0 psf
Uniform Load Structural Test Pressure	±105.0 psf	±105.0 psf
Forced Entry Resistance	Grade 10	N/A

Reference should be made to Report No. 56186.01-122-47 for complete test specimen description and data.

130 Derry Court
York, PA 17402-9405
phone: 717-764-7700
fax: 717-764-4129



ANSI/AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to:

MI WINDOWS AND DOORS, INC.
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No.: 56186.01-122-47
Revision 1: 06/29/05
Test Date: 02/22/05
And: 02/23/05
Report Date: 06/13/05
Expiration Date: 02/23/09

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Windows and Doors, Inc. to witness testing on two Series/Model 740, aluminum fixed windows at MI Windows and Doors, Inc. test facility in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for the following ratings: Test Specimen #1: F-R45 48 x 48; Test Specimen #2: F-R45 48 x 48. Test specimen description and results are reported herein.

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

Test Specimen Description:

Series/Model: 740

Product Type: Aluminum Fixed Window

Test Specimen #1: F-R45 48 x 48

Overall Size: 4' 0" wide by 4' 0" high

Daylight Opening Size: 3' 9-1/8" wide by 3' 9-1/4" high

Test Specimen #2: F-R45 48 x 48

Overall Size: 4' 0" wide by 4' 0" high

Daylight Opening Size: 3' 9-1/8" wide by 3' 9-1/4" high

130 Derry Court
York, PA 17402-9405
phone: 717-764-7700
fax: 717-764-4129

Test Specimen Description: (Continued)

The following descriptions apply to all specimens.

Finish: All aluminum was white.

Glazing Details: The windows utilized a single sheet of 1/4" thick, clear annealed glass. The lites were interior glazed onto a silicone bedding and secured with aluminum glazing beads. The glazing beads were secured utilizing #6 x 7/8" pan head self-tapping screws located 4" from corners and 10" on center.

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.170" high by 0.187" backed polypile with center fin	1 Row	Glazing beads

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners secured with two (2) #6 x 5/8" pan head screws through the head and sill into the jamb screw bosses.

Reinforcement: No reinforcement was utilized.

Installation: The windows were installed into a #2 Spruce-Pine-Fir wood buck. Specimen #1 utilized a nail fin back bedded in silicone and secured with #6 x 1-5/8" drywall screws located 2" from corners and 12" on center. Specimen #2 was a flange unit and was secured to the buck with #6 x 1-5/8" drywall screws located 4" from corners and 18" on center through the jambs, head, and sill into the buck. Both units utilized silicone around the exterior perimeter.

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> F-R45 48 x 48 (Fin)			
2.1.2	Air Infiltration per ASTM E 283 1.57 psf (25 mph)	0.01 cfm/ft ²	0.30 cfm/ft ² max.

***Note #1:** The tested specimen meets (or exceeds) the performance levels specified in ANSI/AAMA/NWDA 101/I.S.2-97 for air infiltration.*

2.1.3	Water Resistance per ASTM E 547 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the jamb) (Loads were held for 52 seconds)		See Note #2
2.1.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the jamb) (Loads were held for 10 seconds)		See Note #2

***Note #2:** The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance".*

2.1.8	Forced Entry Resistance per ASTM F 588		
	Type: A	Grade: 10	
	Hand and Tool Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance per ASTM E 547 6.75 psf	No leakage	No leakage
-----	---	------------	------------

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> F-R45 48 x 48 (Fin) (Continued)			
4.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the jamb) (Loads were held for 52 seconds)		
	70.0 psf (positive)	0.06"	See Note #3
	70.0 psf (negative)	0.07"	See Note #3

Note #3: *The Uniform Load Deflection test is not a requirement of ANSI/AAMA/NWDA 101/I.S.2-97 for this product designation. The deflection data is recorded in this report for special code compliance and information only.*

4.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the jamb) (Loads were held for 10 seconds)		
	105.0 psf (positive)	0.04"	0.18" max.
	105.0 psf (negative)	0.05"	0.18" max.

Test Specimen #2: F-R45 48 x48 (Flange)

Optional Performance

4.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the jamb) (Loads were held for 52 seconds)		
	70.0 psf (positive)	0.05"	See Note #3
	70.0 psf (negative)	0.05"	See Note #3
4.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the jamb) (Loads were held for 10 seconds)		
	105.0 psf (positive)	0.04"	0.18" max.
	105.0 psf (negative)	0.05"	0.18" 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 from the original test date. 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. This report may not be reproduced, except in full, without approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC:

Mark A. Hess usmg

Digitally Signed for: Mark A. Hess by Vicki L. McElwain

Mark A. Hess
Technician

MAH:cmd

St 2 2

Digitally Signed by: Steven M. Urich

Steven M. Urich, P.E.
Senior Project Engineer

Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	06/13/05	N/A	Original report issue
1	06/29/05	Page 5 and Appendix A	Deleted reference to Appendix A and attached Drawings.



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Ceco Door Products
9159 Telecom Drive
Milan, TN 38358

IN SWING

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: The Ceco Series Single Flush / Embossed Inswing Commercial Steel Doors -Impact

APPROVAL DOCUMENT: Drawing No RD0728, titled "3-0 x 7-0 , Series Regent, Omega, Imperial, Versa door", prepared by manufacturer, sheets 1 through 9 of 9 dated 05/22/02 and latest revised on 10-10-02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

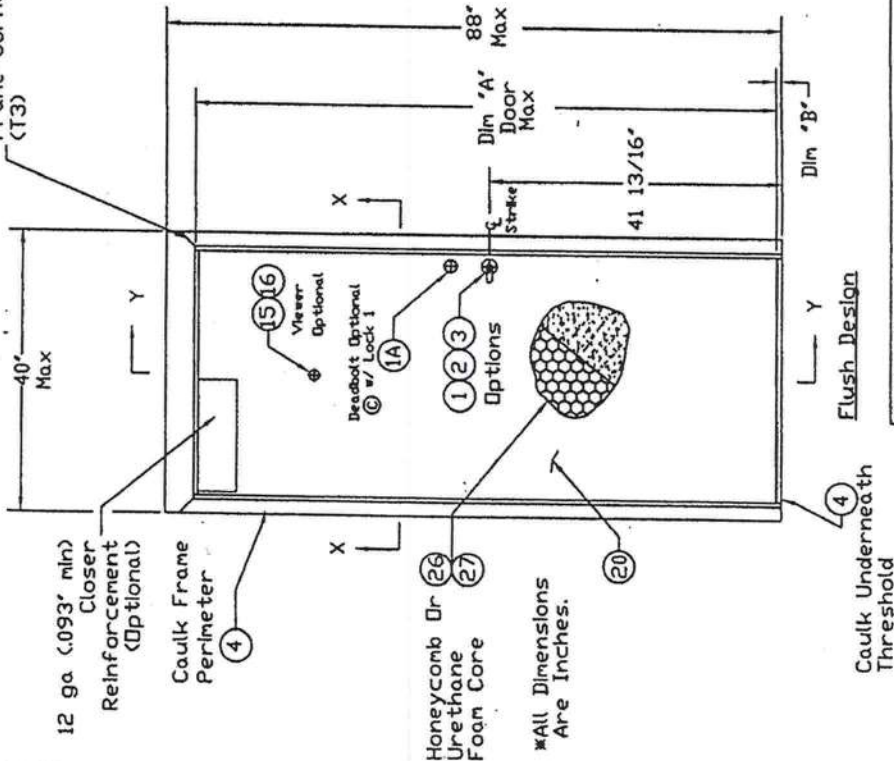
This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 02-0807.04
Expiration Date: October 31, 2007
Approval Date: October 31, 2002
Page 1

Frame Corners Welded (T3)



12 ga (.093 min) Closer Reinforcement (Optional)

Caulk Frame Perimeter

Honeycomb Dr Urethane Foam Core

*All Dimensions Are Inches.

In-Swing Door (Exterior View)

	Dim 'A'	Dim 'B'
3/4" Undercut	83 1/8	3/4
3/8" Undercut	83 1/2	3/8

Approved as complying with the Florida Building Code
 Date: 02/06/03
 NOAH 02-0807-07
 Miami Dade Product Control
 Dividing By: 15449 1-11-04

Flush Design

Caulk Underneath Threshold

Design Pressure Rating	
Where Water Infiltration Requirement Is Needed	Where Water Infiltration Requirement Is Not Needed
Positive	Not Approved
Negative	Not Approved
	+70 PSF
	-70 PSF

Sheet 2	Frame Anchor Installation
Sheet 3	Threshold Installation
Sheet 3	Weatherstrip Installation
Sheet 4	Door Latch Reinforcement
Sheet 5-8	Cross Section View
Sheet 9	Bill Of Material

Notes:

- 1) In-swing Not Approved For Water Infiltration Protection System
- 2) This Door Does Not Need A Hurricane Protection System
- 3) Hinge Spacing Is 33" D.C., 13' From Top Of Frame & 9' From The Bottom.

MATERIAL SPECIFICATIONS:

Finish: Rust Inhibitive Primer

3-0 x 7-0 Series
 Regent, Omega, Imperial, & Versadoor
 In-Swing Elevation Drawing

CECO DOOR PRODUCTS
 Milan, Tennessee 38358

DRAWING NUMBER
 RD0728
 Sheet 1 of 9

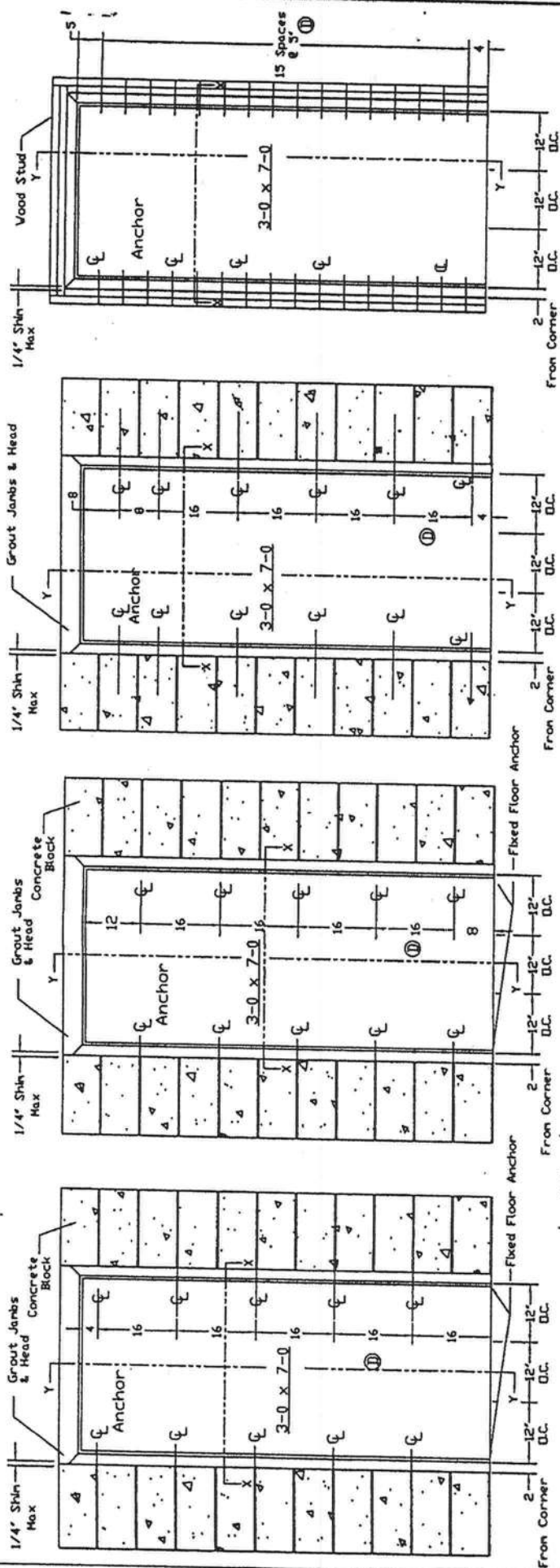
REVISIONS	DATE
ISSUE	LT
REVISED BY	LT
DATE	5/22/02
REVISIONS	
B	Revised Per Marked-Up Drawings From Ishag Chando.
10/10/02	
A	Revised Per Marked-Up Drawings From Ishag Chando.
9/29/02	
LT	

Min. 3500 PSI

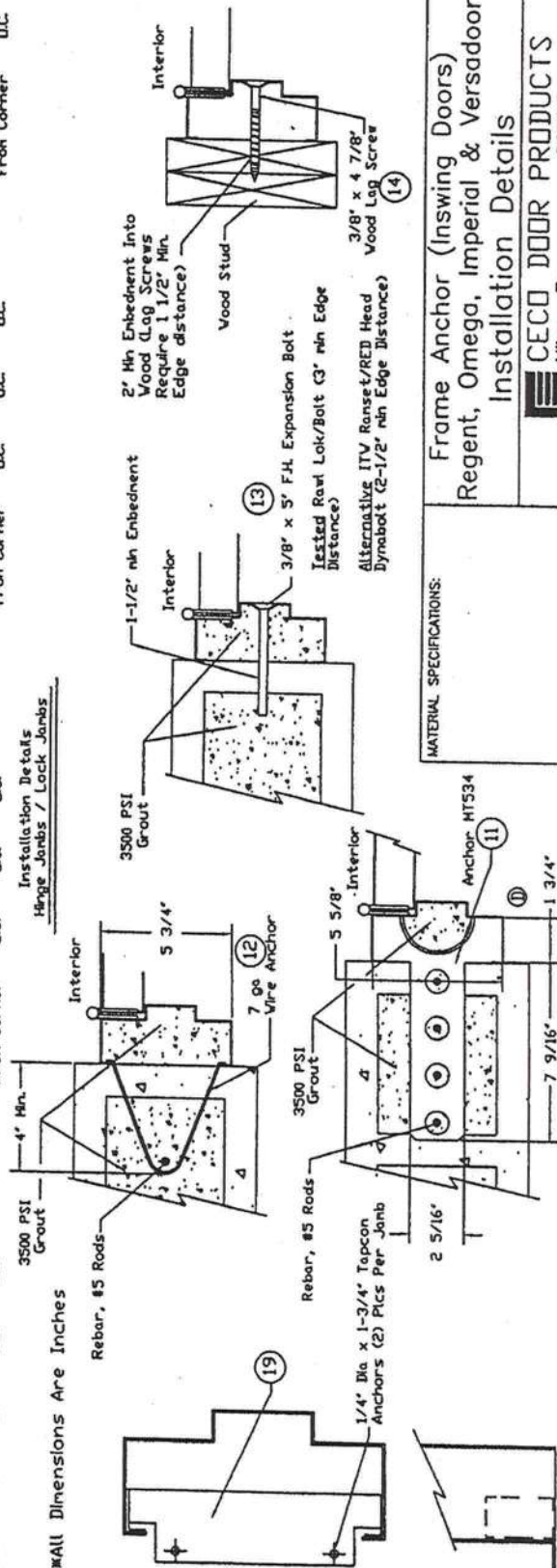
Min 3500 PSI

Min 3500 PSI

Existing Opening Anchor Into Wood Stud



ALL DIMENSIONS ARE INCHES



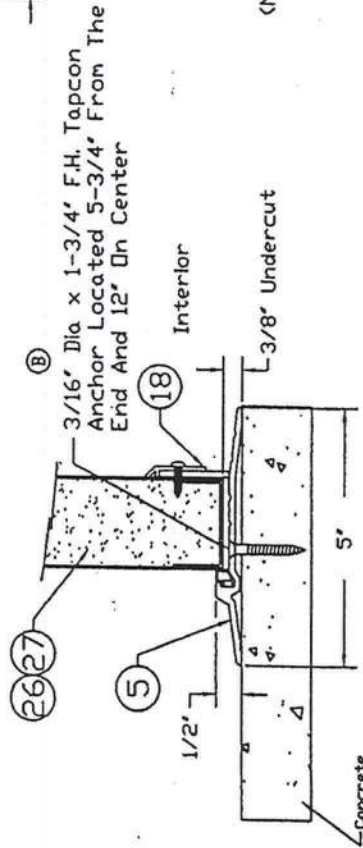
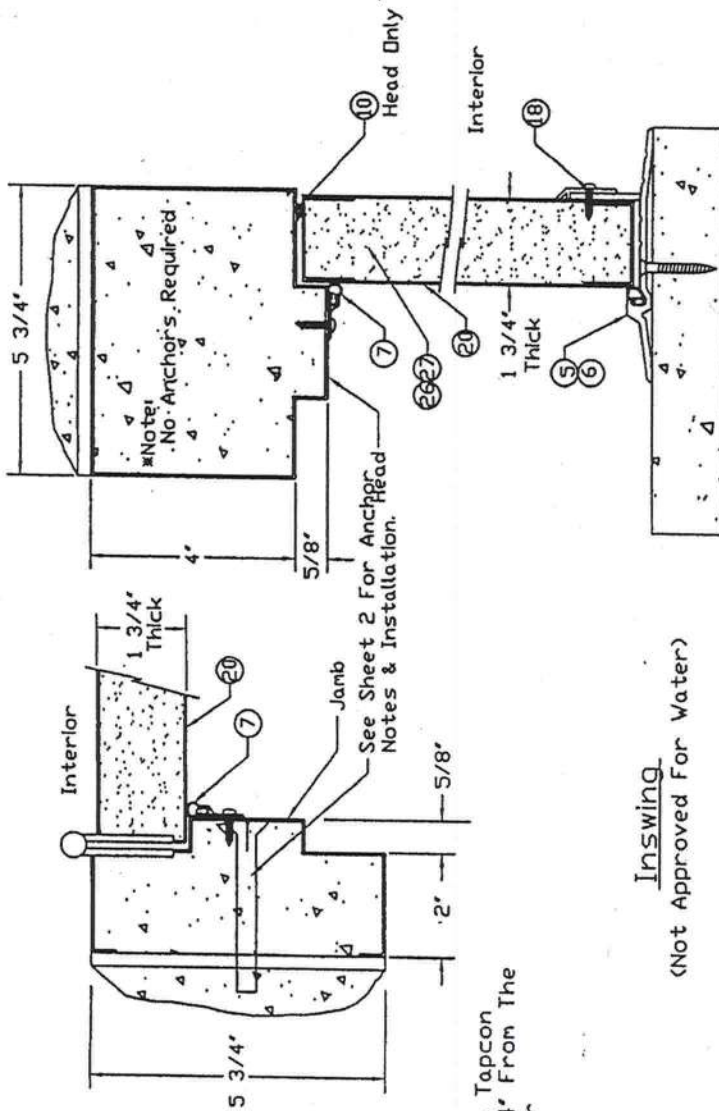
Approved as complying with the
Florida Building Code
Date 06/31/2002
NOA# 02-080704
Miami Dade Product Control
Divisions
By Sgt. J. Chaudh

A 5/22/02 LT	Revised Per Marked -Up Drawings From Ishaq Chanda.
ISSUE DRAWN BY: LT	REVISIONS DATE: 5/22/02
DRAWING NUMBER: RD0728 Sheet 2 of 9	

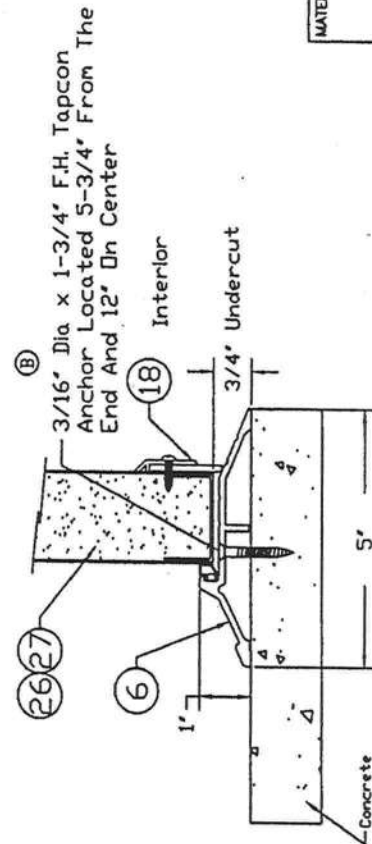
Frame Anchor (Inswing Doors)
Regent, Omega, Imperial & Versadoor
Installation Details

CECO DOOR PRODUCTS
Milan, Tennessee 38358

Note: Structural Member At Header Must Be Designed To carry 58.3#/ft. load imposed And Must Be Reviewed By Building Official.



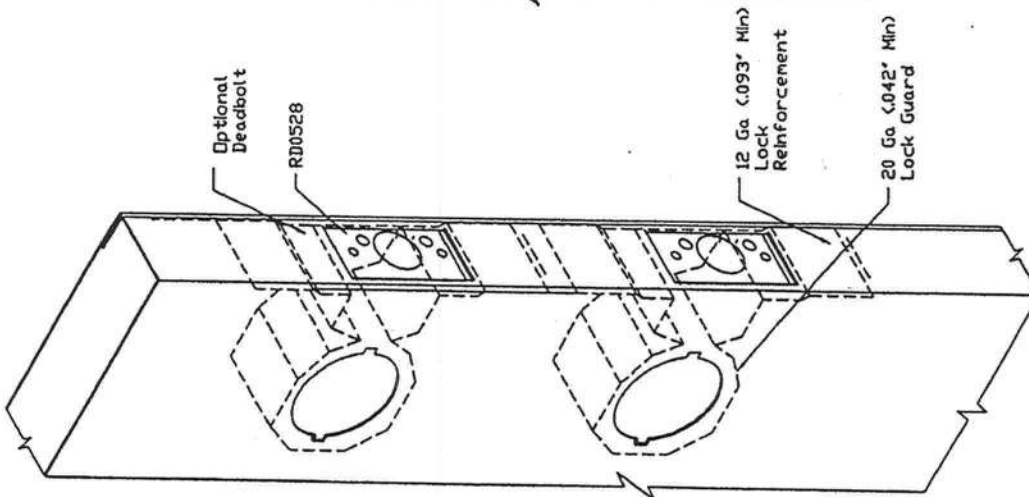
Note: Thresholds Not Approved For Water.



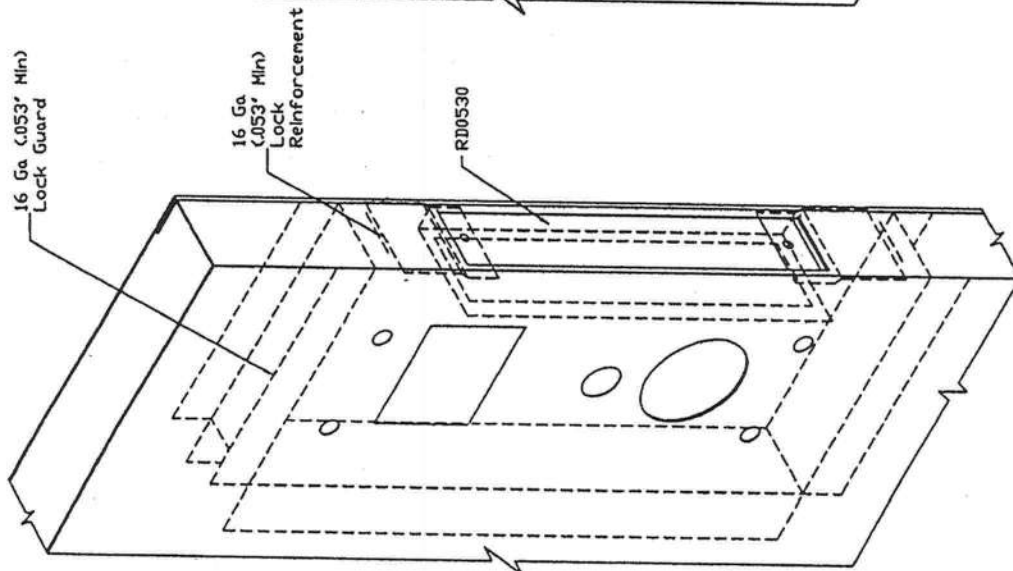
Approved as complying with the Florida Building Code
 Date: OCT 31, 2002
 NOA: 02-030704
 Miami Dept. Product Control
 Division
 By: [Signature]

D	Revised Per Marked-Up Drawings From Ishag
LT	Chanda
C	Revised Per Marked-Up Drawings From Ishag
LT	Chanda
ISSUE	REVISIONS
DRAWN BY: LT	DATE: 5/22/02
RD0728	
Sheet 3 of 9	

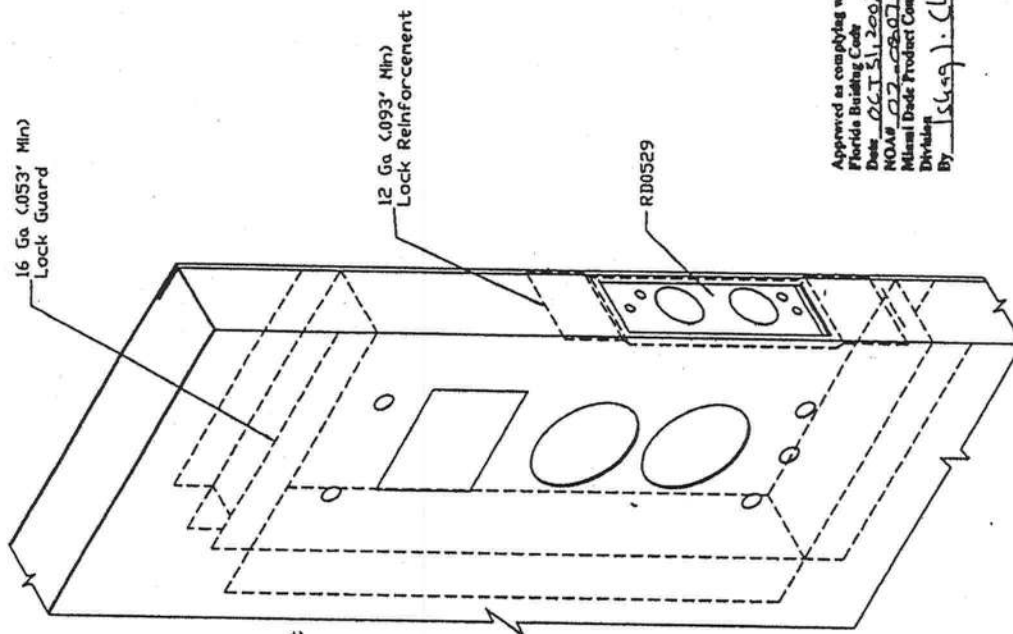
MATERIAL SPECIFICATIONS:	
Threshold & Weatherstrip (Inswing Doors) Regent, Omega, Imperial, Versadoor Installation Details	
CECO DOOR PRODUCTS Milan, Tennessee 38358	



Schlage AL53PD



Saflok MT

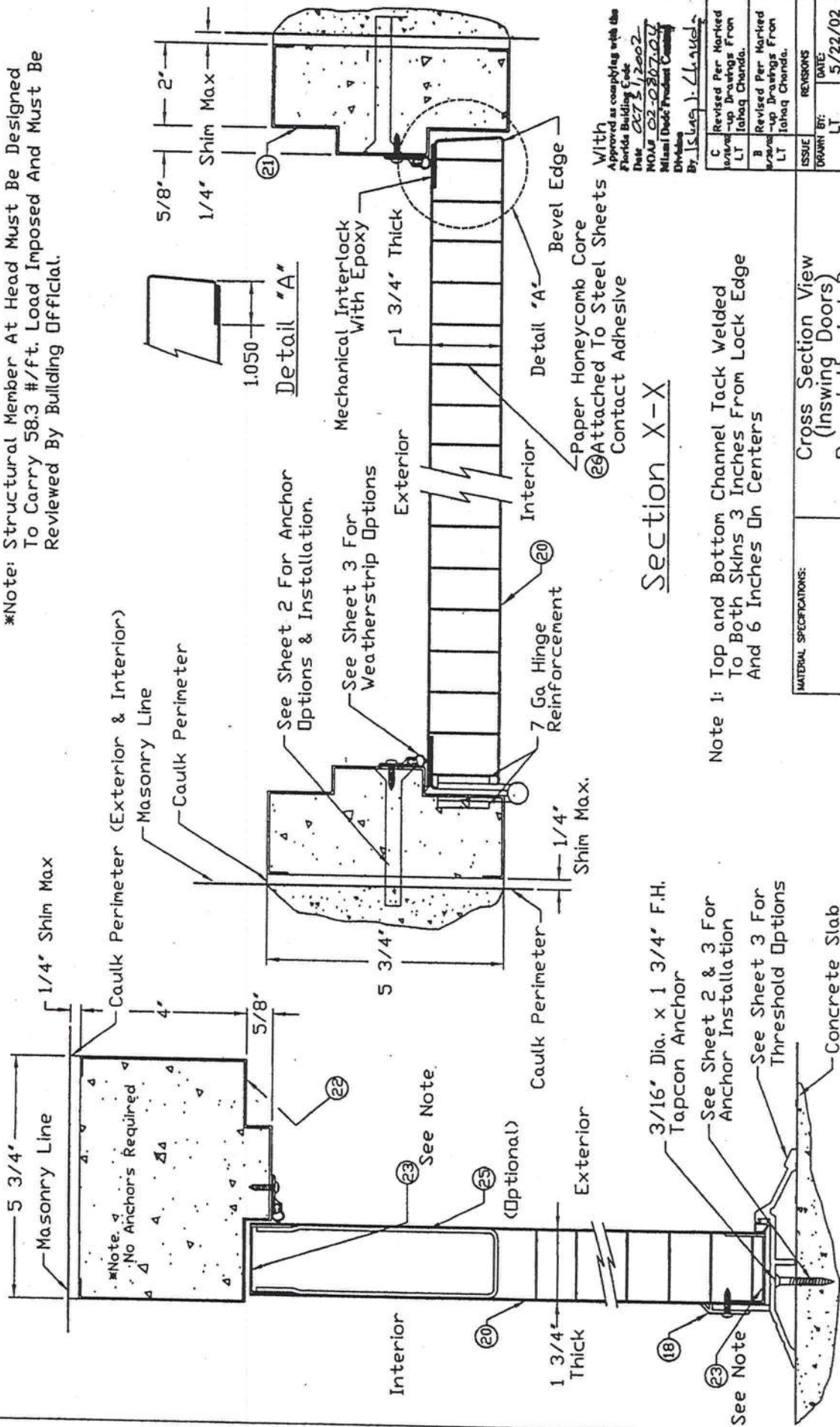


Saflok Premier SL2500

Approved as complying with the
Florida Building Code
Date 06.11.2002
NOAH 02-080704
Miami Dade Product Control
Drawn By SL2500 J. Claudio

REVISIONS ISSUE: <u>LT</u> DATE: <u>5/28/02</u> DRAWN BY: <u>LT</u> DRAWING NUMBER: <u>RD0728</u> Sheet 4 of 9		MATERIAL SPECIFICATIONS:	
Lock Reinforcement (Inswing Doors) Regent, Omega, Imperial, Versadoor Reinforcement Details		CECO DOOR PRODUCTS Milan, Tennessee 38358	

*Note: Structural Member At Head Must Be Designed To Carry 58.3 #/ft. Load Imposed And Must Be Reviewed By Building Official.



Section X-X

Note 1: Top and Bottom Channel Tack Welded To Both Skins 3 Inches From Lock Edge And 6 Inches On Centers

Section Y-Y

MATERIAL SPECIFICATIONS:

Cross Section View
(Inswing Doors)
Regent Handed Door

CECO DOOR PRODUCTS
Milan, Tennessee 38358

Approved as complying with the
Florida Building Code
Date: OCT 5, 1992
NO. 02-0207-024
Milan Door Products Company
Division
By: [Signature]

C Revised Per Marked
Drawings From
LT Ishaq Chandra.
B Revised Per Marked
Drawings From
LT Ishaq Chandra.

ISSUE
DRAWN BY: LT
DATE: 5/22/02

DRAWING NUMBER
R00728
Sheet 5 of 9

[illegible]

Note 1: Top and Bottom Channel Tack Welded To Both Skins 3 Inches From Lock Edge And 6 Inches On Centers

MATERIAL SPECIFICATIONS:

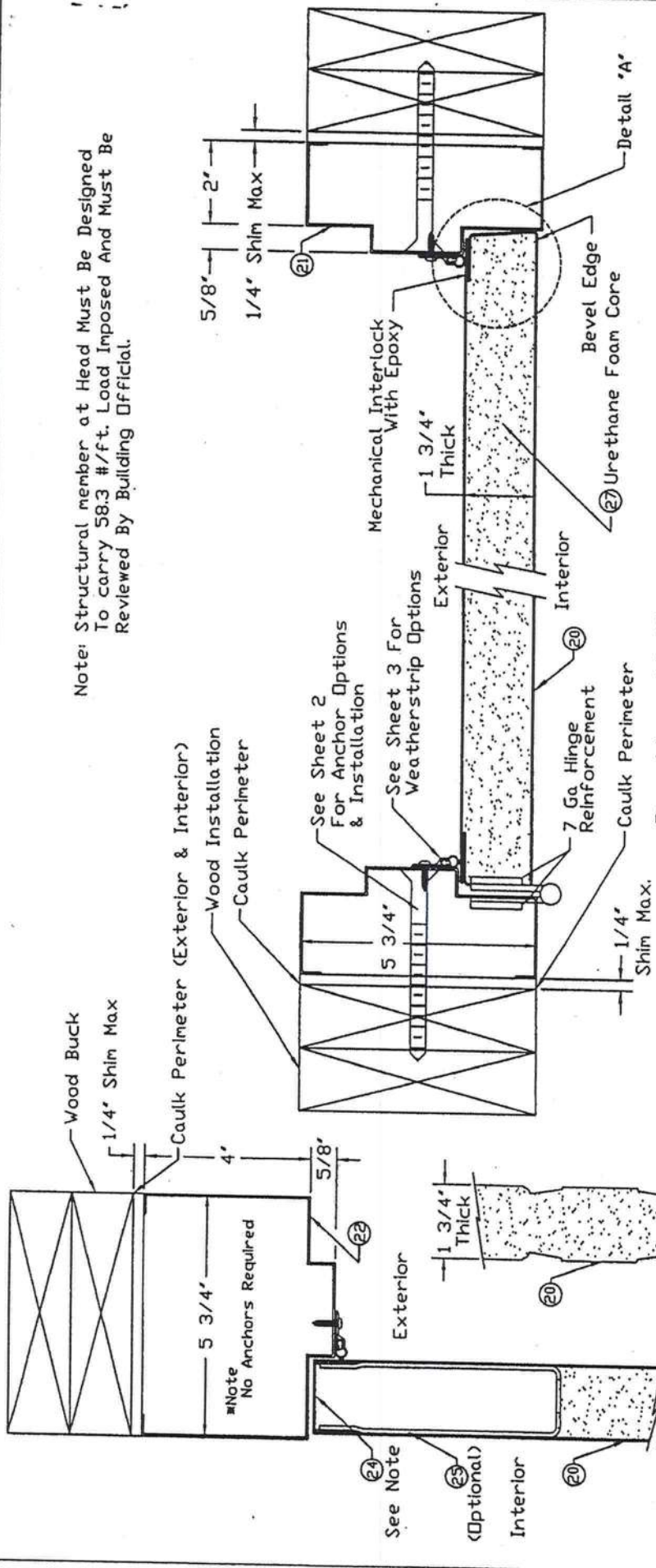
Cross Section View
(In-Swing Doors)
Omega Handed Door

CECO DOOR PRODUCTS
Millan, Tennessee 38358

B	Revised Per Marked up Drawings From Ishaq Chanda.
LT	
A	Revised Per Marked up Drawings From Ishaq Chanda.
LT	
ISSUE	REVISED
DRAWN BY:	DATE:
LT	5/23/02

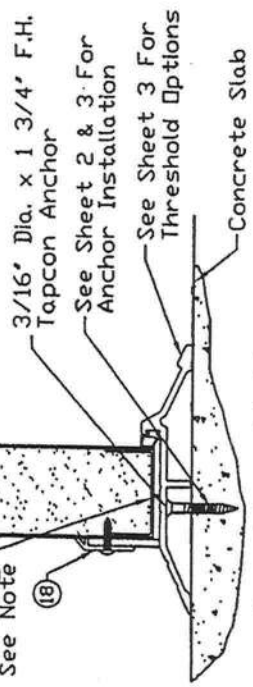
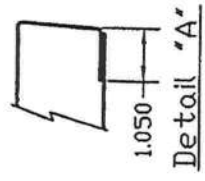
DRAWING NUMBER:
RD0728
Sheet 6 of 9

Note: Structural member at Head Must Be Designed To carry 58.3 #/ft. Load Imposed And Must Be Reviewed By Building Official.



Section X-X

Note: Top & Bottom Channels Assembled Std Method To Skins With Spot Welds & Tape. Channels Are Then Tack Welded To Both Skins 3" From Lock Edge And 6 Inches On Center.



Section Y-Y

MATERIAL SPECIFICATIONS:		Cross Section View (In-Swing Doors) Imperial Handed Door	
		CECO DOOR PRODUCTS Milan, Tennessee 38358	

Approved as complying with the Florida Building Code		Revised Per Vertical-Access Up-Bearings From Lethaq Canada	
Date	OCT 31, 2002	ISSUE	REVISED
NOAH	02-0807-04	DRAWN BY	LT
Mitsui Densetsu Building Systems		DATE	
By: J. Slagter		5/23/02	
		DRAWING NUMBER	
		RD0728	
		Sheet 7 of 9	

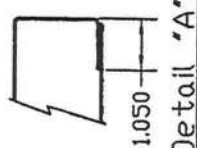
Diagram showing a cross-section of a wall assembly with the following layers and dimensions:

- 5/8" (Thickness of the first layer)
- 2" (Thickness of the second layer)
- 1/4" (Thickness of the third layer)
- Shlm Max (Label for the fourth layer)



Diagram illustrating the installation of a door threshold assembly. The assembly includes a door, a threshold, and a concrete slab. Key components and labels include:

- 3/16" Dia. x 1 3/4" F.H. Tapcon Anchor
- See Sheet 2 & 3 For Anchor Installation
- See Sheet 3 For Threshold Options
- Concrete Slab
- 18



Approved as ready/mag with the Florida Building Code Date <u>OCT 21, 2002</u> NOAR <u>02-0807-04</u> Miami-Dade Product Control Division By <u>1. Skaggs</u>		Revised Per Marked- up Drawings From Issued Change.	
ISSUE	REVISIONS	DATE:	
1	1	5/23/02	
2	2		
3	3		
4	4		
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**Cross Section View
(In-Swing Doors)
Versadoor Handed Door**

1	Cylindrical Lock & Lock Reinforcement (RD0528)	Schlage	AL53PD
1A	Deadbolt (Optional) ①	Schlage	B100
2	Dr Cylindrical Lock & Lock Reinforcement	Saflok	Premier SL2500
3	Dr Mortise Lock	Saflok	MT
4	Caulk	Dow Corning	899 Silicone Glazing Sealant
5	Threshold	Penko	2005AV36
6	Or	Penko	181AV36
7	Weatherstrip	Penko	303AV3684
8	Hinge (Ball Bearing)	Hager or Equal (Attached w/ (8) #12-24 x 1/2 HS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
9	Or (Spring)	Hager or Equal (Attached w/ (8) #12-24 x 1/2 HS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
10	Weatherstrip	Penko	S98
11	Frame Anchor	Masonry Tee (RD0057)	16 ga (.053' min) Galv Steel Fymin = 30ksi
12	Or	Wire, Relaxed Dimension 9' x 8'	#7 (.167' min) Galv Steel Wire (70,000 - 90,000 psi Tensile Strength)
13	Or	Expansion Bolt	3/8" x 5" F.H. Rawl Lok/Bolt Or 3/8" x 5" F.H. Ramset/RED Head
14	Or	Wood Lag Screw	3/8" x 4-5/8"
15	Vlewer	Hager	1755
16	Or	MAG Security	8724-C
17	Drip Cap/ Top	Penko	346
18	Sweep	Penko	315 N
19	Floor Anchor	Fixed Floor Anchor	16 ga (.053' min) galvanized Steel
20	Face Sheet A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	16 Ga (.053' min)
21	Series SF, Frame Jamb, Double Rabbet Profile, A60 Galv Conforming To ASTM A653	16 Ga (.053' min)	
22	Series SF, Frame Head, Double Rabbet, Profile A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	2' Face, 5-3/4' Depth Min. (RD0033)
23	Door Channels) Spot Welded To Bottom Skin Glued To Top Skin, Tack Welded To Both	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	4' Face, 5-3/4' Depth Min. (RD0033)
24	Door Channels) Spot Welded To Bottom Skin Taped To Top Skin, Tack Welded To Both	16 Ga (.053' min) A60 Galv Conforming To ASTM A653	16 ga (.053' min) x 1' x 1-3/4' x 1'
25	Closer Reinforcement (Optional)	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	16 ga (.053' min) x 1' x 1-3/4' x 1'
26	Honeycomb Core	12 Ga (.093' min) CS Type B	12 ga (.093' min) x 5-3/8' x 16'
27	Urethane Core	Non-impregnated Kraft Paper (E)	1.2" Nominal Cell Size
		Foam Enterprises	2 lb/ft ³ Density

Approved as complying with the
Florida Building Code
Date: Oct 31, 2002
NOAH 02-0802-009
Miami Dade Product Control
Division
By: LS/eq J. C. G. n. J.

B	Revised Per Marked- 10/10/02 Up Drawings From LT	LT	DATE: 5/28/02
A	Revised Per Marked- 9/4/02 Up Drawings From LT	LT	DRAWING NUMBER: RD0728
ISSUE	REVISIONS	DATE	
DRAWN BY: LT			
			Sheet 9 of 9

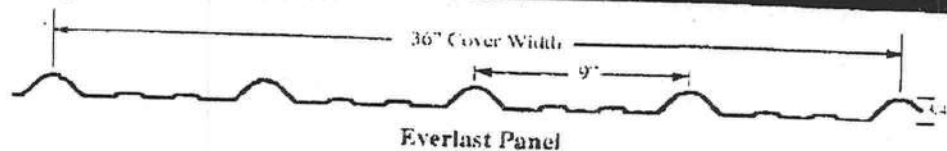
MATERIAL SPECIFICATIONS:

3-0 x 7-0 Series
In-Swing Bill Of Materials



CECO DOOR PRODUCTS
Milan, Tennessee 38358

Everlast II



Slope or Pitch

Everlast roofing recommends you have a 3/12 pitch or greater. If you decide to apply panels on a lower pitch, seal all side laps and all end laps with butyl sealant. All end laps should occur over purlins.

Roofing Installation

Roofing panels should be installed with ribs perpendicular to eaves and ridge. Panels should span three or more purlins and end laps should be a minimum of 12 inches and caulked. Fasten each panel completely. Be careful not to push the panels down too hard making them flex and go out of square. Fasten all laps through top panel. Roofing overhang over sheathing should be no less than one inch and no more than two inches. Gable ends should be flush with exterior trim so gable or rake trim may be applied over it. Be sure your panels are aligned properly and square with eaves and ridge and parallel at each lap.

Note: Always begin roofing at end away from prevailing winds. Closure strips top and bottom also ensure true weather seal.

Cutting Panels

When cutting steel panels always flip panel over to cut from backside. This will prevent hot metal filings from embedding into painted finish. Keep other panels away from cutting area. For large jobs in which across the profile cutting is necessary a portable shear is very helpful. To cut the panels use an electric circular saw with a metal cutting blade or an abrasive self-consuming blade. Metal snips are good for trim cuts but difficult for cutting panels.

Fastening and Nailing

When fastening into wood purlins or solid wood deck a 1-inch woodgrip screw is recommended.

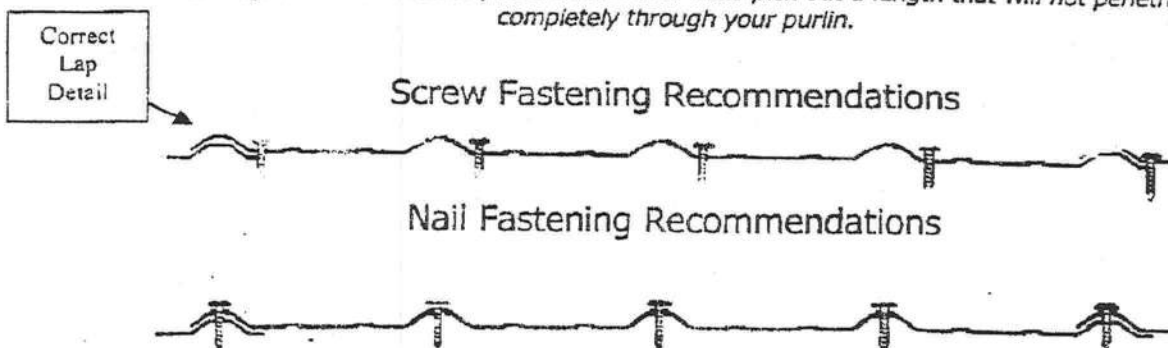
Screws are to be placed beside each major rib and at least every 24 inches down each panel.

Screws are to be installed into the flat not on the top of the rib.

In high wind zones Everlast recommends that stitching screws be applied onto lap joints every 12 inches. Butyl sealant may also be used to help seal the lap with the stitch screws. Screws should be driven in to be snug so neoprene washer can give a positive seal.

Nails that are recommended are ringshank with flat neoprene washers. A 13/4 inch nail should be sufficient for regular 1 inch thick wood purlin. Nails are to be driven through the top of the major rib. Drive nails until the neoprene washer is slightly bulged. Pre-drill holes where sheets overlap to make your nailing easier. This will keep your panels from moving out of alignment.

Note: Regardless of whether you use screws or nails pick out a length that will not penetrate completely through your purlin.



Sidewall Application

Everlast panels may be installed on a sidewall horizontally or vertically. Always begin from the corner sill away from the prevailing wind. Any laps should be a minimum of 6 inches. All laps should be placed over a purlin or support. Always fasten lap area before finishing the rest of the panel. On horizontal applications finish each run before starting your next course.

Safety Tips

Metal panels are very sharp. Wear heavy leather gloves when handling metal panels. Wear safety glasses to prevent eye injury. Panels are very slick, especially when they are damp or wet. Do not work on panels that are wet or when conditions are unsafe. Always use proper safety harnesses and equipment.

Application Precautions

Avoid installing panels directly over green or damp lumber, porous insulation, or other damaging materials. The use of a moisture barrier is recommended. Chemicals, fertilizer, manure, and some soils and lime may cause damage. When installing keep panels a minimum of 12 inches off of ground. Insulated buildings should be adequately ventilated.

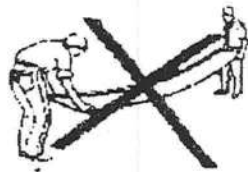
Storage and Handling

If the material is not to be used immediately, it should be stored in a dry place. Moisture trapped between sheets may cause damage to the paint system.

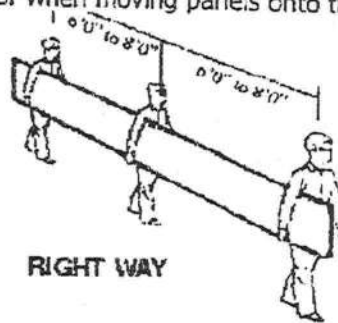
The paint system may become soft or water stains may appear which can detract from the appearance and affect the service life of the material. To avoid problems store the materials in a well ventilated dry area. Stack the materials on an incline position.

DO NOT USE PLASTIC TO COVER MATERIALS. THIS CAN CAUSE SWEATING OR CONDENSATION!

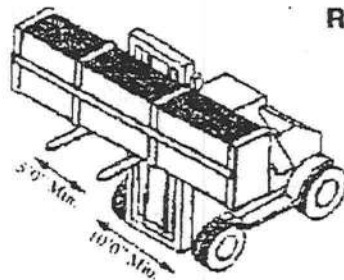
While unloading, bundles must be lifted from the center. Do not unload in a jerking or bouncing fashion. Panels greater than 25 feet long should be unloaded using a spreader bar to prevent panels from bending. Although the paint system is tough, dragging panels across the surface of another will almost certainly mar the finish. Do not lift panels from ends while flat. Lift the panels on edge when moving individual panels or when moving panels onto the roof.



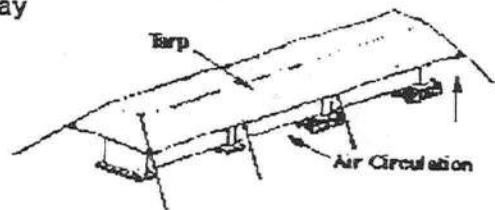
WRONG WAY



RIGHT WAY



Right Way





PRODUCT CONTROL NOTICE OF ACCEPTANCE

Clopay Building Products Co.
4800 Interstate Drive
Cincinnati, OH 45246

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

Your application for Notice of Acceptance (NOA) of:

Clopay Residential Steel Garage Door 16' Wide

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-1212.03

EXPIRES: 03/26/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET. SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 03/15/2001



APPROVED: MAR 15 2001

EXPIRES: 03/26/2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This approves a sectional steel garage door 16'-2" wide x 6'-6" through 16'-0" high, as described in Section 2 of this Notice of Acceptance (NOA), designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County. For the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

The **Clopay Sectional Garage Door** and its components shall be constructed in strict compliance with the following documents: Drawing No. 101300, titled "Double Car Hurricane Pan Door" prepared by Clopay Building Products Co., dated 02/15/95, with last revision on 12/06/00, sheet 1 through 2 of 2. They bear the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

This approval requires the manufacturer to do testing of all coils used to fabricate door panels under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimens were selected from coils at the manufacturer production facilities. And a notarized statement from the manufacturer that only coils with yield strength of 38,000 psi or more shall be used to make door panels for Dade County under this Notice of Acceptance.

4. INSTALLATION

- 4.1 The sectional steel garage door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 The installation of this door does **not require** a hurricane protection system.
- 4.3 Units with dimensions equal to or smaller than those shown in the approved drawing shall qualify under this approval.

5. LABELING

Each door shall bear a **permanent** label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
 - 6.1.1 This Notice of Acceptance.
 - 6.1.2 Duplicate copies of the approved drawings as identified in Section 2 of this NOA, clearly marked to show the components selected for the proposed installation.
 - 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


Candido Font, PE. Sr. Product Control Examiner
Product Control Division

APPROVED: MAR 15 2001

EXPIRES: 03/26/2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE


Candido Font, PE. Sr. Product Control Examiner
Product Control Division

Clopay Building Products Co.

ACCEPTANCE No. : 00-1212.03

APPROVED: MAR 15 2001

EXPIRES: 03/26/2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Drawing prepared by Clopay Building Products Co., titled "Double Car Hurricane Pan Door", Drawing No. 101300, dated 02/15/95, with last revision on 12/06/2000, sheets 1 through 2 of 2, signed and sealed by M.W. Westerfield, PE.

B. TESTS

1. Test report of large missile impact test per PA 201 and cyclic wind pressure test per PA 203 of "Garage Door", prepared by Hurricane Engineering & Testing, Inc., report No. HETI 95-408, dated 01/25/95, signed and sealed by H. M. Medina, PE.
2. Test report of Uniform Static Air Pressure Test Per PA 202 on "Garage Door", prepared by Hurricane Engineering & Testing, Inc., report No. HETI 95-407, dated 01/24/95, signed and sealed by H. M. Medina, PE.
3. Test report of Forced Entry Resistance per section 3603.2(b)5 on "Garage Door" prepared by Hurricane Engineering Testing, Inc. report No. HETI 95-407f, dated 01/25/95, signed and sealed by H. M. Medina, PE.

C. CALCULATIONS

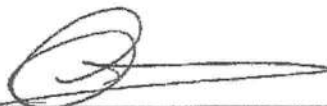
1. Calculations dated 01/20/95; pages 1 and 2, prepared by M. W. Westerfield, PE., signed and sealed by M. W. Westerfield, PE.
2. Calculations dated 02/24/95, page 1, prepared M.W. Westerfield, PE., signed and sealed by M.W. Westerfield, PE.

D. MATERIAL CERTIFICATIONS

1. Test report of Tensile Test per ASTM E 8, report No. HETI 94-T59, prepared by Hurricane Engineering & Testing, Inc., dated 02/06/95, signed and sealed by H.M. Medina, PE.
2. Test report of Salt Spray Test per ASTM D1654 & ASTM B117, report No. 9EM-1144, prepared by Q.C. Metallurgical, Inc., dated 06/03/99, signed and sealed by K. Grate.

E. STATEMENTS.

1. Affidavit of yield strength compliance prepared by R. D. Shifflett employed by Clopay Building Products Co., notarized on 01/11/2001 by B. H. Schuler.

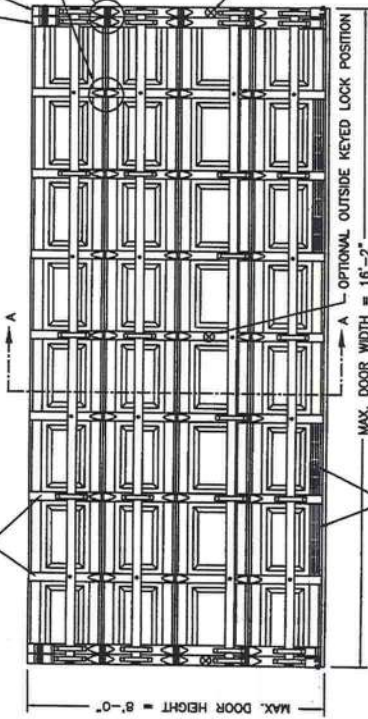

Candido Font, PE. Sr. Product Control Examiner
Product Control Division

REV	DATE	DESCRIPTION
1	3/27/95	ADDED JAMB DWG & CHART TO PAGE 4
2	11/3/97	REFIT DWG TO 2 PAGES
3	2/13/98	DQSK; VENT AREA; TRACK NOTE TO PG. 1
4	12/6/2000	DEL. M/N 87/97; DDS/G-40 WAS DQSK/G-60

PAGE 1 OF 2

MODELS 83, 84A, 93, 94

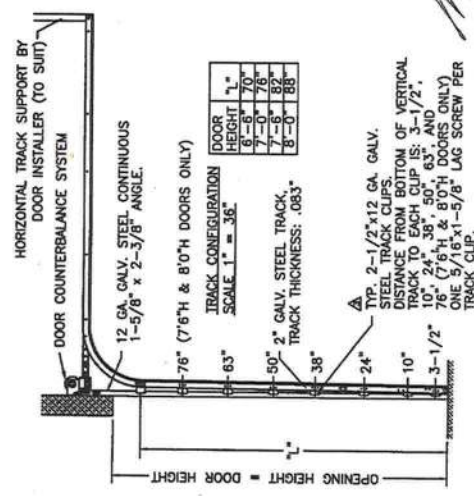
18 GA. GALV. DOUBLE END STILES ATTACHED TO TOP AND BOTTOM RAIL WITH PATENTED TOG-L-LOC SYSTEM. (TOP, BOTTOM & CENTER).



LOCATION OF OPTIONAL VENTS AREA OF VENTS NOT TO EXCEED 60 SQ. INCHES BETWEEN STILES

INSTALLER	RETAIL	DESCRIPTION
83	84A	WOODGRAN TEXTURE, RAISED PANEL, GALV. INTER. STILES
93	94	WOODGRAN TEXTURE, RAISED PANEL, PAINTED/GALV. INTER. STILES

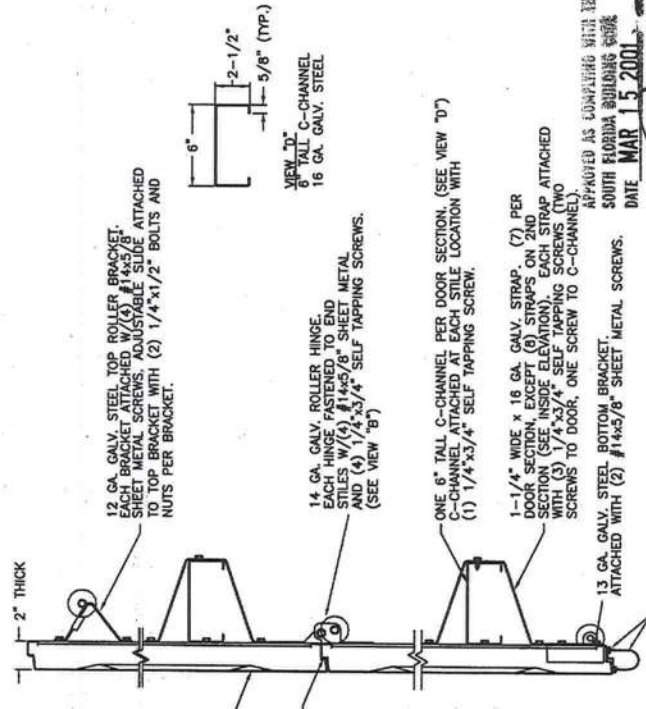
NOTE: DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN). DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN).



DOOR TRACK CONFIGURATION SCALE 1" = 36"

DOOR HEIGHT	TRACK CONFIGURATION
7'-0"	36"
7'-6"	36"
8'-0"	36"

12 GA. GALV. STEEL CONTINUOUS 1-5/8" x 2-3/8" ANGLE.
76" (7'6" & 8'0" DOORS ONLY)
2" GALV. STEEL TRACK.
TRACK THICKNESS: .063"
TYP. 2-1/2"x12 GA. GALV. STEEL TRACK CLIPS.
DISTANCE FROM BOTTOM OF VERTICAL TRACK TO EACH CLIP IS: 3-1/2", 10", 24", 38", 50", 63", AND 76" (7'6" & 8'0" DOORS ONLY).
ONE 3/16"-5/8" JAG SCREW PER TRACK CLIP.



SECTION A-A (SIDE VIEW) SCALE 1" = 9"

DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F.

Glopay
Building Products
Company

TOLERANCES Unless Stated Otherwise	±.00 = ±.03 ±.000 = ±.015 Degrees = ±1/2°	SCALE NOTED DATE: 2/15/95	PAGE 1 OF 2	MAX. SIZE 16'2"W x 8'0"H
CLORAY BUILDING PRODUCTS 312 EAST MOUNTAIN STREET, SUITE 600 CINCINNATI, OHIO 45202	DRAWN BY: MHW CHECKED BY:	DESCRIPTION DOUBLE CAR HURRICANE PAN DOOR	B	REV 101300 4

DESIGN ENGINEER
MARK W. WESTERFIELD, P.E.
FLORIDA REGISTRATION NO. 48495

Handwritten signature and date 2/13/01

APPROVED AS COMPLYING WITH 1998 SOUTH FLORIDA BUILDING CODE
DATE: MAR 15 2001
BY: [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1212.03

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:
- 1) ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL JAMBS (GRADE 2 OR BETTER YELLOW PINE). NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
 - 2) EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +2,982.4 LB & -3,328 LB.
 - 3) ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

WOOD FRAME BUILDINGS

STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED GRADE #2 OR BETTER WOOD STUD OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_b). STUD WALLS TO BE CONTINUOUS FROM FOOTING TO THE BEAMS AND IN ACCORDANCE WITH SFC SECTION 2905.1.

BLOCK WALL OR CONCRETE

2x6 WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL OR CONCRETE COLUMN SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH #5 BAR EXTENDING INTO THE FOOTING AND THE TOP OF THE COLUMN. ALL REINFORCING BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER BLOCK WALL OR CONCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE DESIGNED BY BUILDING PROFESSIONAL OF RECORD AND IN ACCORDANCE WITH SFC SECTION 2704.2.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

BUILDING TYPE	FASTENER TYPE	MIN. No. OF FASTENERS PER VERTICAL JAMB	MAXIMUM ON CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
WOOD FRAME	1 1/2" x 3" EMBED LAG SCREW (ASTM A307, GRADE A)	6	16"	YES
Δ BLOCK WALL OR CONCRETE	1 1/2" x 3" EMBED LAG SCREW (ASTM A307, GRADE A)	6	16"	YES
Δ BLOCK WALL OR CONCRETE	3/8" x 1-3/4" MIN. EMBED ANCHOR (7400 SERIES)	9	10"	NO
Δ BLOCK WALL OR CONCRETE	3/8" x 1-3/4" MIN. EMBED ANCHOR (7400 SERIES)	5	19"	NO
Δ MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 3", EXCLUDING STUCCO THICKNESS.		6	18"	NO
Δ CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.				

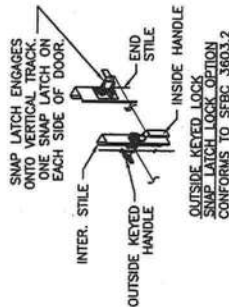
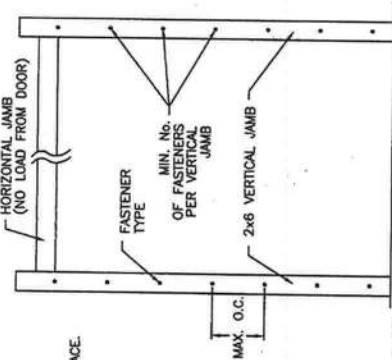
1" DOOR OVERLAP (EACH SIDE)

2x6 WOOD JAMB SEE "JAMB PREPARATION NOTE" ABOVE

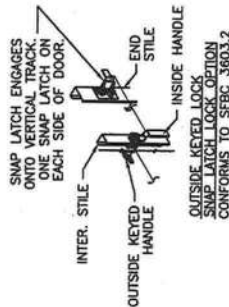
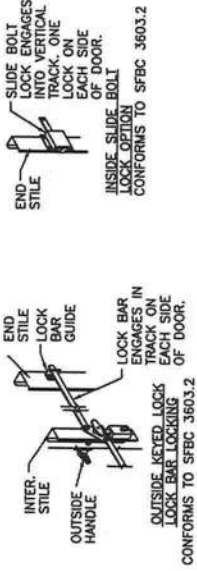
- 12 GA. GALV. STEEL CONTINUOUS ANGLE FASTENED TO WOOD JAMB WITH 5/16"x1-5/8" LAG SCREWS NOT TO EXCEED 14" O.C. CONTINUOUS ANGLE NOTCHED OUT AT JAMB TO STRUCTURE ATTACHMENT POINTS.
- 2" GALV. STEEL TRACK FASTENED TO 12 GA. GALV. STEEL TRACK CLIPS. TRACK ATTACHED TO EACH CLIP WITH TWO 1/4"x5/8" BOLTS & NUTS. EACH TRACK CLIP ATTACHED TO CONTINUOUS ANGLE WITH (2) 1/4" DIA. RIVETS PER CLIP.
- 16 GA. GALV. STEEL END STILE FASTENED TO END STILES W/ (4) EACH #14x5/8" SHEET METAL SCREWS.
- 18 GA. GALV. STEEL CENTER HINGE FASTENED TO INTER STILES W/ (4) EACH #14x5/8" SHEET METAL SCREWS.
- 14 GA. GALV. STEEL ROLLER HINGES FASTENED TO END STILES W/ (4) EACH #14x5/8" SHEET METAL SCREWS AND (2) 1/4" SELF TAPPING SCREWS PER END HINGE.
- 2" DIA. LONG STEM, 10 BALL STEEL ROLLER. END OF ROLLER STEM THREADED FOR 7/16" NUT.

JAMB CONFIGURATION

2/15/01



REV	DATE	DESCRIPTION
1	3/27/95	ADDED JAMB DWG & CHART TO PAGE 4
2	11/3/97	REFIT DWG TO 2 PAGES
3	2/13/98	REV. JAMB ATTACH. FASTENERS ON PG. 2
4	12/7/00	DEL. M/N 87/94; DDS/G-40 WAS DQSK/G-60



JAMB PREPARATION NOTE
EACH CONTINUOUS ANGLE SHALL BE FASTENED TO PRESSURE TREATED 2x6 YELLOW PINE WITH 5/16"x1-5/8" LAG SCREWS (12) LAG SCREWS PER SIDE UP TO 7'0" HIGH AND (3) LAG SCREWS PER SIDE ABOVE 7'0" HIGH. THE METHOD OF ATTACHMENT TO THE SUPPORTING STRUCTURE OF THE PRESSURE TREATED WOOD JAMBS SHALL BE APPROVED BY THE PROFESSIONAL OF RECORD FOR THE STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING OR AS SHOWN ON PAGE 4 OF THIS DRAWING. PREPARATION OF JAMBS BY OTHERS.
ALL MOUNTING OF TRACK, ANGLES, HORIZONTAL TRACK SUPPORTS, AND ALL OTHER DOOR HARDWARE TO BE INSTALLED PER CLOPAY INSTALLATION INSTRUCTIONS SUPPLIED WITH DOOR SYSTEM UNLESS OTHERWISE NOTED.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE **MAR 15 2001**
BY **PRODUCT CONTROL DIVISION**
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. **00-1212.03**

DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F.

DESIGN ENGINEER
MARK W. WESTERFELD, P.E.
FLORIDA REGISTRATION NO. 48495

Clopay
Building Products
Company

TOLERANCES Unless Stated Otherwise ±.03 ±.015 ±.0005 Degrees = ±1/2°	SCALE 2 OF 2	MAX. SIZE 16'2"W x 8'0"H
REVISION DOUBLE CAR HURRICANE PAN DOOR	DATE 2/15/95	REVISION 4
CLOPAY BUILDING PRODUCTS 312 WALNUT STREET, SUITE 1600 CINCINNATI, OHIO 45202	DRAWN BY MMW	CHECKED BY B
TRAVEL NUMBER 101,300		

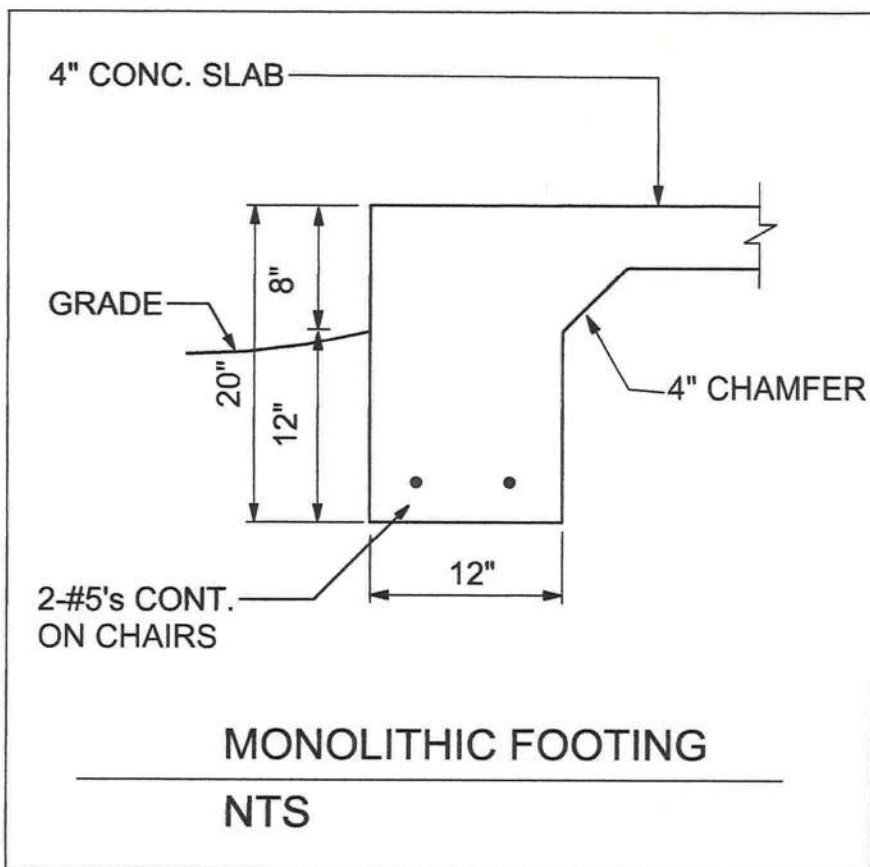


Engineers • Planners

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

TO WHOM IT MAY CONCERN:

PLEASE FIND A COPY OF THE ALTERNATIVE STEMWALL FOUNDATION FOR THE DORR RESIDENCE. IF YOU HAVE ANY QUESTIONS, PLEASE CALL ME AT (386) 758-4209.



WILLIAM H. FREEMAN, P.E.
CERT. OF AUTH. # 00008701

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Dorr Residence**
Address:
City, State: ,
Owner:
Climate Zone: **South**

Builder:
Permitting Office:
Permit Number:
Jurisdiction Number:

- | | | |
|--|--------------------------------|-----------------------|
| 1. New construction or existing | New | — |
| 2. Single family or multi-family | Single family | — |
| 3. Number of units, if multi-family | 1 | — |
| 4. Number of Bedrooms | 1905 | — |
| 5. Is this a worst case? | Yes | — |
| 6. Conditioned floor area (ft ²) | 2 ft ² | — |
| 7. Glass area & type | Single Pane | Double Pane |
| a. Clear glass, default U-factor | 0.0 ft ² | 424.3 ft ² |
| b. Default tint | 0.0 ft ² | 0.0 ft ² |
| c. Labeled U or SHGC | 0.0 ft ² | 0.0 ft ² |
| 8. Floor types | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 210.0(p) ft | — |
| b. N/A | | — |
| c. N/A | | — |
| 9. Wall types | | |
| a. Frame, Wood, Exterior | R=13.0, 1680.0 ft ² | — |
| b. N/A | | — |
| c. N/A | | — |
| d. N/A | | — |
| e. N/A | | — |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 2095.5 ft ² | — |
| b. N/A | | — |
| c. N/A | | — |
| 11. Ducts | | |
| a. Sup: Con. Ret: Con. AH: Interior | Sup. R=6.0, 40.0 ft | — |
| b. N/A | | — |

- | | |
|--|----------------------------------|
| 12. Cooling systems | |
| a. Central Unit | Cap: 36.0 kBtu/hr
SEER: 10.00 |
| b. N/A | — |
| c. N/A | — |
| 13. Heating systems | |
| a. Electric Heat Pump | Cap: 36.0 kBtu/hr
HSPF: 7.00 |
| b. N/A | — |
| c. N/A | — |
| 14. Hot water systems | |
| a. Electric Resistance | Cap: 50.0 gallons
EF: 0.90 |
| b. N/A | — |
| c. Conservation credits | — |
| (HR-Heat recovery, Solar
DHP-Dedicated heat pump) | |
| 15. HVAC credits | PT, CF, — |
| (CF-Ceiling fan, CV-Cross ventilation,
HF-Whole house fan,
PT-Programmable Thermostat,
MZ-C-Multizone cooling,
MZ-H-Multizone heating) | |

Glass/Floor Area: 212.16

Total as-built points: 4423426

Total base points: 4516097

PASS

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

PREPARED BY: William H. Lee

DATE: 12/9/05

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

OWNER/AGENT: _____

DATE: _____

Review of the 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 with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: _____

DATE: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2.0	32.50	11.7	Double, Clear	E	1.5	6.0	152.3	68.60	0.92	9586.6
				Double, Clear	S	1.5	6.0	135.0	58.45	0.87	6897.8
				Double, Clear	W	1.5	4.0	27.0	61.59	0.83	1380.1
				Double, Clear	W	1.5	6.0	45.0	61.59	0.92	2544.4
				Double, Clear	W	1.5	6.0	20.0	61.59	0.92	1130.9
				Double, Clear	S	1.5	6.0	45.0	58.45	0.87	2299.3
				As-Built Total:		424.3			23839.0		
WALL TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1680.0		2.40		4032.0
Exterior	1680.0	2.70	4536.0								
Base Total:				1680.0		4536.0					
				As-Built Total:		1680.0			4032.0		
DOOR TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			61.2		6.40		391.7
Exterior	61.2	6.40	391.7								
Base Total:				61.2		391.7					
				As-Built Total:		61.2			391.7		
CEILING TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1905.0	2.80	5334.0	Under Attic	30.0		2095.5		2.77 X 1.00		5804.5
Base Total:				1905.0		5334.0					
				As-Built Total:		2095.5			5804.5		
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	210.0(p)	-20.0	-4200.0	Slab-On-Grade Edge Insulation	0.0		210.0(p)		-20.00		-4200.0
Raised	0.0	0.00	0.0								
Base Total:				-4200.0		210.0			-4200.0		
				As-Built Total:		210.0			-4200.0		
INFILTRATION											
Area X BSPM = Points						Area X SPM = Points					
2.0 18.79 37.6						2.0 18.79		37.6			

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		6111.0		Summer As-Built Points:					29904.8						
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
6111.0		0.4266		2606.9	29904.8		1.000		(1.000 x 1.165 x 0.90)		0.341		0.902		9649.6
					29904.8		1.00		1.048		0.341		0.902		9649.6

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2.0	2.36	0.8	Double, Clear	E	1.5	6.0	152.3	3.30	1.02	513.3
				Double, Clear	S	1.5	6.0	135.0	3.12	1.02	428.7
				Double, Clear	W	1.5	4.0	27.0	3.98	1.00	107.5
				Double, Clear	W	1.5	6.0	45.0	3.98	1.00	178.7
				Double, Clear	W	1.5	6.0	20.0	3.98	1.00	79.4
				Double, Clear	S	1.5	6.0	45.0	3.12	1.02	142.9
				As-Built Total: 424.3 1450.5							
WALL TYPES Area X BWPM = Points				Type	R-Value	Area X WPM		= Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	1680.0	0.60	1008.0			
Exterior	1680.0	0.60	1008.0								
Base Total: 1680.0 1008.0				As-Built Total: 1680.0 1008.0							
DOOR TYPES Area X BWPM = Points				Type	Area X WPM		= Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated		61.2	1.80	110.2			
Exterior	61.2	1.80	110.2								
Base Total: 61.2 110.2				As-Built Total: 61.2 110.2							
CEILING TYPES Area X BWPM = Points				Type	R-Value	Area X WPM X WCM		= Points			
Under Attic	1905.0	0.10	190.5	Under Attic	30.0	2095.5	0.10 X 1.00	209.6			
Base Total: 1905.0 190.5				As-Built Total: 2095.5 209.6							
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM		= Points			
Slab	210.0(p)	-2.1	-441.0	Slab-On-Grade Edge Insulation	0.0	210.0(p)	-2.10	-441.0			
Raised	0.0	0.00	0.0								
Base Total: -441.0				As-Built Total: 210.0 -441.0							
INFILTRATION Area X BWPM = Points				Area X WPM		= Points					
	2.0	-0.06	-0.1			2.0	-0.06	-0.1			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
----------------	-----------

BASE				AS-BUILT						
Winter Base Points:		868.4		Winter As-Built Points:						2337.1
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
868.4		0.6274	544.8	2337.1		1.000	(1.000 x 1.137 x 0.91)	0.487	0.950	1119.1
				2337.1		1.00	1.035	0.487	0.950	1119.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier X Credit	= Total Multiplier
Number of Bedrooms	X	Multiplier	= Total						
113		2369.00	4512945.0	50.0	0.90	113	1.00	2316.36	1.00 4412657.0
As-Built Total:									4412657.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	= Total Points	Cooling Points	+	Heating Points	= Total Points
2607		545	4512945 4516097	9650		1119	4412657 4423426

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 80.3

The higher the score, the more efficient the home.

1. New construction or existing	New	—	12. Cooling systems	Cap: 36.0 kBtu/hr	—
2. Single family or multi-family	Single family	—	a. Central Unit	SEER: 10.00	—
3. Number of units, if multi-family	1	—	b. N/A	—	—
4. Number of Bedrooms	1905	—	c. N/A	—	—
5. Is this a worst case?	Yes	—			
6. Conditioned floor area (ft ²)	2 ft ²	—	13. Heating systems	Cap: 36.0 kBtu/hr	—
7. Glass area & type	Single Pane	Double Pane	a. Electric Heat Pump	HSPF: 7.00	—
a. Clear - single pane	0.0 ft ²	424.3 ft ²	b. N/A	—	—
b. Clear - double pane	0.0 ft ²	0.0 ft ²	c. N/A	—	—
c. Tint/other SHGC - single pane	0.0 ft ²	0.0 ft ²	14. Hot water systems	Cap: 50.0 gallons	—
d. Tint/other SHGC - double pane	—	—	a. Electric Resistance	EF: 0.90	—
8. Floor types	R=0.0, 210.0(p) ft	—	b. N/A	—	—
a. Slab-On-Grade Insulation	—	—	c. Conservation credits	—	—
b. N/A	—	—	(HR-Heat recovery, Solar		
c. N/A	—	—	DHP-Dedicated heat pump)	PT, CF,	—
9. Wall types	R=13.0, 1680.0 ft ²	—	15. HVAC credits		
a. Frame, Wood, Exterior	—	—	(CF-Ceiling fan, CV-Cross ventilation,		
b. N/A	—	—	HF-Whole house fan,		
c. N/A	—	—	PT-Programmable Thermostat,		
d. N/A	—	—	MZ-C-Multizone cooling,		
e. N/A	—	—	MZ-H-Multizone heating)		
10. Ceiling types	R=30.0, 2095.5 ft ²	—			
a. Under Attic	—	—			
b. N/A	—	—			
c. N/A	—	—			
11. Ducts	Sup. R=6.0, 40.0 ft	—			
a. Sup: Con. Ret: Con. AH: Interior	—	—			
b. N/A	—	—			

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs.*

Energy Gauge 8.0 Version: FLRCPB v3.30)

Residential System Sizing Calculation

Summary

Project Title:
Dorr Residence

Code Only
Professional Version
Climate: South

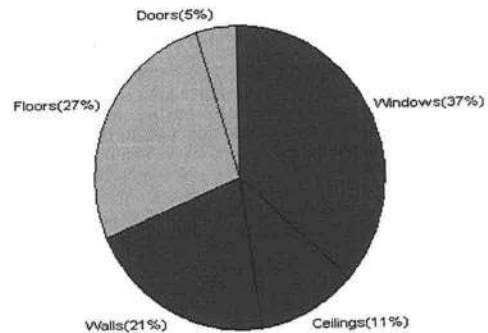
12/7/2005

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	23 F
Total heating load calculation	24819 Btuh	Total cooling load calculation	2.04545E6 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	145.1 36000	Sensible (SHR = 0.5)	1.5 18000
Heat Pump + Auxiliary(0.0kW)	145.1 36000	Latent	2.1 18000
		Total (Electric Heat Pump)	1.8 36000

WINTER CALCULATIONS

Winter Heating Load (for 2 sqft)

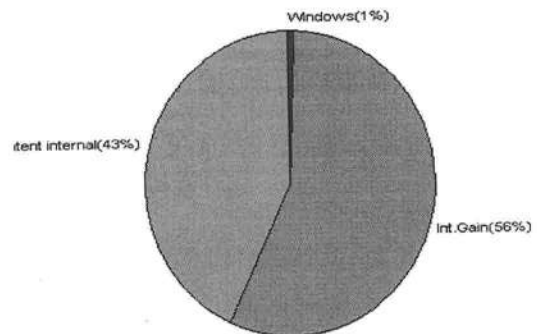
Load component	Load
Window total 424 sqft	9123 Btuh
Wall total 1680 sqft	5208 Btuh
Door total 61 sqft	1122 Btuh
Ceiling total 2096 sqft	2724 Btuh
Floor total 210 ft	6636 Btuh
Infiltration 0 cfm	6 Btuh
Subtotal	24819 Btuh
Duct loss	0 Btuh
TOTAL HEAT LOSS	24819 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2 sqft)

Load component	Load
Window total 424 sqft	17316 Btuh
Wall total 1680 sqft	3595 Btuh
Door total 61 sqft	764 Btuh
Ceiling total 2096 sqft	3269 Btuh
Floor total	0 Btuh
Infiltration 0 cfm	3 Btuh
Internal gain	1.1442E Btuh
Subtotal(sensible)	1.16915 Btuh
Duct gain	0 Btuh
Total sensible gain	1.16915 Btuh
Latent gain(infiltration)	4 Btuh
Latent gain(internal)	8.763E5 Btuh
Total latent gain	8.763E5 Btuh
TOTAL HEAT GAIN	2.04545 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: W. J. Hall

DATE: 12/9/05

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title:
Dorr Residence

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

12/7/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	N	152.3	21.5	3275 Btuh
2	2, Clear, Wood, DEF	E	135.0	21.5	2902 Btuh
3	2, Clear, Wood, DEF	S	27.0	21.5	580 Btuh
4	2, Clear, Wood, DEF	S	45.0	21.5	968 Btuh
5	2, Clear, Wood, DEF	S	20.0	21.5	430 Btuh
6	2, Clear, Wood, DEF	E	45.0	21.5	968 Btuh
Window Total			424		9123 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1680	3.1	5208 Btuh
Wall Total			1680		5208 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		61	18.3	1122 Btuh
Door Total			61		1122 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2096	1.3	2724 Btuh
Ceiling Total			2096		2724 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	210.0 ft(p)	31.6	6636 Btuh
Floor Total			210		6636 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	20(sqft)	0	6 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				0	6 Btuh

Totals for Heating	Subtotal	24819 Btuh
	Duct Loss(using duct multiplier of 0.00)	0 Btuh
	Total Btuh Loss	24819 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

Project Title:
Dorr Residence

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 12/7/2005

Window	Type	Overhang Len Hgt	Window Area(sqft)			HTM		Load
	Panes/SHGC/U/InSh/ExSh Ornt		Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, DEF, N, N	N 1.5 6	152.3	0.0	152.3	24	24	3656 Btuh
2	2, Clear, DEF, N, N	E 1.5 6	135.0	28.0	107.0	24	74	8589 Btuh
3	2, Clear, DEF, N, N	S 1.5 4	27.0	27.0	0.0	24	39	648 Btuh
4	2, Clear, DEF, N, N	S 1.5 6	45.0	45.0	0.0	24	39	1080 Btuh
5	2, Clear, DEF, N, N	S 1.5 6	20.0	20.0	0.0	24	39	480 Btuh
6	2, Clear, DEF, N, N	E 1.5 6	45.0	9.3	35.7	24	74	2863 Btuh
Window Total			424					17316 Btuh
Walls 1	Type	R-Value	Area		HTM		Load	
	Frame - Exterior	13.0	1680.0		2.1		3595 Btuh	
Wall Total			1680.0				3595 Btuh	
Doors 1	Type		Area		HTM		Load	
	Insulated - Exter		61.2		12.5		764 Btuh	
Door Total			61.2				764 Btuh	
Ceilings 1	Type/Color	R-Value	Area		HTM		Load	
	Under Attic/Dark	30.0	2095.5		1.6		3269 Btuh	
Ceiling Total			2095.5				3269 Btuh	
Floors 1	Type	R-Value	Size		HTM		Load	
	Slab-On-Grade Edge Insulation	0.0	210.0 ft(p)		0.0		0 Btuh	
Floor Total			210.0				0 Btuh	
Infiltration	Type	ACH	Volume		CFM=		Load	
	Natural	0.35	20		0.1		3 Btuh	
	Mechanical				0		0 Btuh	
Infiltration Total					0		3 Btuh	

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	3810	X 300 +	1200	1144200 Btuh

Totals for Cooling	Subtotal	1169147 Btuh
	Duct gain(using duct multiplier of 0.00)	0 Btuh
	Total sensible gain	1169147 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	4 Btuh
	Latent occupant gain (3810 people @ 230 Btuh per person)	876300 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	2045451 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Dorr Residence**
Address: _____
City, State: _____
Owner: _____
Climate Zone: **South**

Builder: _____
Permitting Office: _____
Permit Number: _____
Jurisdiction Number: _____

1. New construction or existing	New	_____	12. Cooling systems		
2. Single family or multi-family	Single family	_____	a. Central Unit	Cap: 36.0 kBtu/hr	_____
3. Number of units, if multi-family	1	_____		SEER: 10.00	_____
4. Number of Bedrooms	1905	_____	b. N/A		_____
5. Is this a worst case?	Yes	_____	c. N/A		_____
6. Conditioned floor area (ft ²)	2 ft ²	_____			_____
7. Glass area & type	Single Pane	Double Pane	13. Heating systems		
a. Clear glass, default U-factor	0.0 ft ²	424.3 ft ²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr	_____
b. Default tint	0.0 ft ²	0.0 ft ²		HSPF: 7.00	_____
c. Labeled U or SHGC	0.0 ft ²	0.0 ft ²	b. N/A		_____
8. Floor types			c. N/A		_____
a. Slab-On-Grade Edge Insulation	R=0.0, 210.0(p) ft	_____			_____
b. N/A		_____	14. Hot water systems		
c. N/A		_____	a. Electric Resistance	Cap: 50.0 gallons	_____
9. Wall types				EF: 0.90	_____
a. Frame, Wood, Exterior	R=13.0, 1680.0 ft ²	_____	b. N/A		_____
b. N/A		_____	c. Conservation credits		_____
c. N/A		_____	(HR-Heat recovery, Solar		_____
d. N/A		_____	DHP-Dedicated heat pump)		_____
e. N/A		_____	15. HVAC credits	PT, CF,	_____
10. Ceiling types			(CF-Ceiling fan, CV-Cross ventilation,		_____
a. Under Attic	R=30.0, 2095.5 ft ²	_____	HF-Whole house fan,		_____
b. N/A		_____	PT-Programmable Thermostat,		_____
c. N/A		_____	MZ-C-Multizone cooling,		_____
11. Ducts			MZ-H-Multizone heating)		_____
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 40.0 ft	_____			_____
b. N/A		_____			_____

Glass/Floor Area: 212.16

Total as-built points: 4423426

Total base points: 4516097

PASS

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

PREPARED BY: William H. Lee

DATE: 12/9/05

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

OWNER/AGENT: _____

DATE: _____

Review of the 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 with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
GLASS TYPES										
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X	SPM X	SOF =	Points
.18	2.0	32.50	11.7	Double, Clear	E	1.5 6.0	152.3	68.60	0.92	9586.6
				Double, Clear	S	1.5 6.0	135.0	58.45	0.87	6897.8
				Double, Clear	W	1.5 4.0	27.0	61.59	0.83	1380.1
				Double, Clear	W	1.5 6.0	45.0	61.59	0.92	2544.4
				Double, Clear	W	1.5 6.0	20.0	61.59	0.92	1130.9
				Double, Clear	S	1.5 6.0	45.0	58.45	0.87	2299.3
				As-Built Total:			424.3			23839.0
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1680.0	2.40		4032.0
Exterior	1680.0	2.70	4536.0							
Base Total:				As-Built Total:			1680.0			4032.0
DOOR TYPES Area X BSPM = Points				Type			Area X	SPM	=	Points
Adjacent	0.0	0.00	0.0	Exterior Insulated			61.2	6.40		391.7
Exterior	61.2	6.40	391.7							
Base Total:				As-Built Total:			61.2			391.7
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM X SCM	=	Points
Under Attic	1905.0	2.80	5334.0	Under Attic	30.0		2095.5	2.77 X 1.00		5804.5
Base Total:				As-Built Total:			2095.5			5804.5
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=	Points
Slab	210.0(p)	-20.0	-4200.0	Slab-On-Grade Edge Insulation	0.0		210.0(p)	-20.00		-4200.0
Raised	0.0	0.00	0.0							
Base Total:				As-Built Total:			210.0			-4200.0
INFILTRATION Area X BSPM = Points							Area X	SPM	=	Points
	2.0	18.79	37.6				2.0	18.79		37.6

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points:		6111.0		Summer As-Built Points:						29904.8	
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points	
6111.0	0.4266		2606.9	29904.8	1.000	(1.000 x 1.165 x 0.90)	0.341	0.902		9649.6	
				29904.8	1.00	1.048	0.341	0.902		9649.6	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2.0	2.36	0.8	Double, Clear	E	1.5	6.0	152.3	3.30	1.02	513.3
				Double, Clear	S	1.5	6.0	135.0	3.12	1.02	428.7
				Double, Clear	W	1.5	4.0	27.0	3.98	1.00	107.5
				Double, Clear	W	1.5	6.0	45.0	3.98	1.00	178.7
				Double, Clear	W	1.5	6.0	20.0	3.98	1.00	79.4
				Double, Clear	S	1.5	6.0	45.0	3.12	1.02	142.9
				As-Built Total:		424.3			1450.5		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1680.0		0.60		1008.0
Exterior	1680.0	0.60	1008.0								
Base Total: 1680.0 1008.0				As-Built Total:		1680.0			1008.0		
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			61.2		1.80		110.2
Exterior	61.2	1.80	110.2								
Base Total: 61.2 110.2				As-Built Total:		61.2			110.2		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1905.0	0.10	190.5	Under Attic	30.0		2095.5		0.10 X 1.00		209.6
Base Total: 1905.0 190.5				As-Built Total:		2095.5			209.6		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	210.0(p)	-2.1	-441.0	Slab-On-Grade Edge Insulation	0.0		210.0(p)		-2.10		-441.0
Raised	0.0	0.00	0.0								
Base Total: -441.0				As-Built Total:		210.0			-441.0		
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
2.0 -0.06 -0.1								2.0 -0.06 -0.1			

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:			868.4	Winter As-Built Points:						2337.1
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
868.4		0.6274	544.8	2337.1 2337.1	1.000 1.00	(1.000 x 1.137 x 0.91) 1.035	0.487 0.487		0.950 0.950	1119.1 1119.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit	= Total
113		2369.00	4512945.0	50.0	0.90	113		1.00	2316.36	1.00 4412657.0
				As-Built Total:						4412657.0

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
2607		545	4512945 4516097	9650		1119	4412657 4423426

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq. ft. window area; .5 cfm/sq. ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 80.3

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	1905	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft ² 424.3 ft ²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. Clear - double pane	0.0 ft ² 0.0 ft ²		HSPF: 7.00
c. Tint/other SHGC - single pane	0.0 ft ² 0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 210.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1680.0 ft ²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT, CF,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2095.5 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 40.0 ft		
b. N/A			

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs Energy Gauge Program. Version: FLRCPB v3.30)*

Residential System Sizing Calculation

Summary

Project Title:
Dorr Residence

Code Only
Professional Version
Climate: South

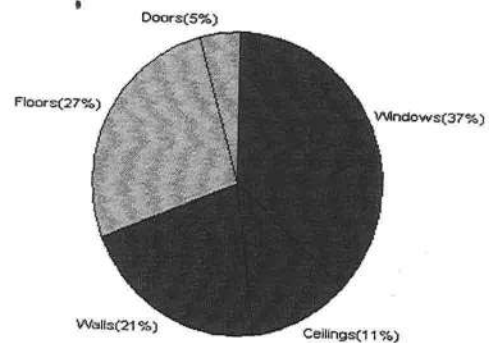
12/7/2005

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	23 F
Total heating load calculation	24819 Btuh	Total cooling load calculation	2.04545E6 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	145.1 36000	Sensible (SHR = 0.5)	1.5 18000
Heat Pump + Auxiliary(0.0kW)	145.1 36000	Latent	2.1 18000
		Total (Electric Heat Pump)	1.8 36000

WINTER CALCULATIONS

Winter Heating Load (for 2 sqft)

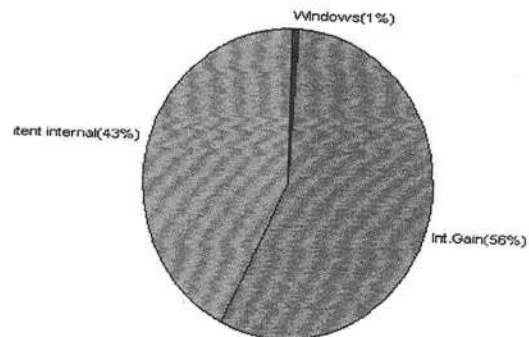
Load component		Load
Window total	424 sqft	9123 Btuh
Wall total	1680 sqft	5208 Btuh
Door total	61 sqft	1122 Btuh
Ceiling total	2096 sqft	2724 Btuh
Floor total	210 ft	6636 Btuh
Infiltration	0 cfm	6 Btuh
Subtotal		24819 Btuh
Duct loss		0 Btuh
TOTAL HEAT LOSS		24819 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2 sqft)

Load component		Load
Window total	424 sqft	17316 Btuh
Wall total	1680 sqft	3595 Btuh
Door total	61 sqft	764 Btuh
Ceiling total	2096 sqft	3269 Btuh
Floor total		0 Btuh
Infiltration	0 cfm	3 Btuh
Internal gain		1.1442E Btuh
Subtotal(sensible)		1.16915 Btuh
Duct gain		0 Btuh
Total sensible gain		1.16915 Btuh
Latent gain(infiltration)		4 Btuh
Latent gain(internal)		8.763E5 Btuh
Total latent gain		8.763E5 Btuh
TOTAL HEAT GAIN		2.04545 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: W. J. Hall

DATE: 12/9/05

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title:
Dorr Residence

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

12/7/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	N	152.3	21.5	3275 Btuh
2	2, Clear, Wood, DEF	E	135.0	21.5	2902 Btuh
3	2, Clear, Wood, DEF	S	27.0	21.5	580 Btuh
4	2, Clear, Wood, DEF	S	45.0	21.5	968 Btuh
5	2, Clear, Wood, DEF	S	20.0	21.5	430 Btuh
6	2, Clear, Wood, DEF	E	45.0	21.5	968 Btuh
Window Total			424		9123 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1680	3.1	5208 Btuh
Wall Total			1680		5208 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		61	18.3	1122 Btuh
Door Total			61		1122Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2096	1.3	2724 Btuh
Ceiling Total			2096		2724Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	210.0 ft(p)	31.6	6636 Btuh
Floor Total			210		6636 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	20(sqft)	0	6 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				0	6 Btuh

Totals for Heating	Subtotal	24819 Btuh
	Duct Loss(using duct multiplier of 0.00)	0 Btuh
	Total Btuh Loss	24819 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

Project Title:
Dorr Residence

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 12/7/2005

Window	Type		Overhang		Window Area(sqft)			HTM		Load
	Panes/SHGC/U/InSh/ExSh Ornt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, DEF, N, N	N	1.5	6	152.3	0.0	152.3	24		
2	2, Clear, DEF, N, N	E	1.5	6	135.0	28.0	107.0	24	24	3656 Btuh
3	2, Clear, DEF, N, N	S	1.5	4	27.0	27.0	0.0	24	74	8589 Btuh
4	2, Clear, DEF, N, N	S	1.5	6	45.0	45.0	0.0	24	39	648 Btuh
5	2, Clear, DEF, N, N	S	1.5	6	20.0	20.0	0.0	24	39	1080 Btuh
6	2, Clear, DEF, N, N	E	1.5	6	45.0	9.3	35.7	24	39	480 Btuh
								24	74	2863 Btuh
Window Total					424					
Walls	Type	R-Value		Area		HTM		Load		
	1	Frame - Exterior	13.0	1680.0		2.1		3595 Btuh		
Wall Total					1680.0					
Doors	Type	R-Value		Area		HTM		Load		
	1	Insulated - Exter		61.2		12.5		764 Btuh		
Door Total					61.2					
Ceilings	Type/Color	R-Value		Area		HTM		Load		
	1	Under Attic/Dark	30.0	2095.5		1.6		3269 Btuh		
Ceiling Total					2095.5					
Floors	Type	R-Value		Size		HTM		Load		
	1	Slab-On-Grade Edge Insulation	0.0	210.0 ft(p)		0.0		0 Btuh		
Floor Total					210.0					
Infiltration	Type	ACH		Volume		CFM=		Load		
	Natural	0.35		20		0.1		3 Btuh		
Infiltration Total						0		0 Btuh		
						0		3 Btuh		

Internal gain	Occupants		Btuh/occupant		Appliance	Load
	3810		X 300 +			
					1200	1144200 Btuh

Totals for Cooling	Subtotal					1169147 Btuh
	Duct gain(using duct multiplier of 0.00)					0 Btuh
	Total sensible gain					1169147 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)					4 Btuh
	Latent occupant gain (3810 people @ 230 Btuh per person)					876300 Btuh
	Latent other gain					0 Btuh
	TOTAL GAIN					2045451 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

Notice of Treatment

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

Address: 116 NW 6th Ave
City: G.ville Phone: 376-2661

Site Location: Subdivision
Lot #
Block #
Permit # 23944
Address: 177 SW Cavatign Way, Ft. white

Product used	Active Ingredient	% Concentration
☒ Premise	Imidacloprid	0.1%
☐ Termitidor	Fipronil	0.12%
☐ Bora-Care	Sodium Octaborate Tetrahydrate	23.0%

Type treatment: ☒ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
M/B	1777	211	107.8

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

Remarks: _____
Date: 2-6-06
Time: 8:30
Print Technician's Name: Richard

Applicator - White Permit File - Canary Permit Holder - Pink