

DATE 09/13/2006

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000024967

APPLICANT STEWART COOPER PHONE 352 745-1916

ADDRESS 9930 SW 282 ST NEWBERRY FL 32669

OWNER STEWART COOPER PHONE 352 745-1916

ADDRESS 493 SW DALLAS TERR FT. WHITE FL 32038

CONTRACTOR COOPER ENTERPRISES PHONE 352 745-1916

LOCATION OF PROPERTY 47S, TR ON WILSON SPRINGS RD, TL ON WILSON SPRINGS AT POPES
TL ON BRIDGE, CORNER OF BRIDGE AND DALLAS ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 90000.00

HEATED FLOOR AREA 1800.00 TOTAL AREA 2528.00 HEIGHT 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 20

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

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

PARCEL ID 36-6S-15-00612-037 SUBDIVISION 3 RIVERS ESTATES

LOT 37 BLOCK PHASE UNIT TOTAL ACRES

CGC1504959

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

EXISTING 06-0756-N BK JH Y

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

COMMENTS: ONE FOOT ABOVE THE ROAD,NOC ON FILE

Check # or Cash 1205

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

BUILDING PERMIT FEE \$ 450.00 CERTIFICATION FEE \$ 12.64 SURCHARGE FEE \$ 12.64

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

FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 550.28

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR 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.

This Instrument Prepared by & return to:

Name: Chris Travis, an employee of
TITLE OFFICES, LLC
Address: 1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025
File No. 06Y-02061ACT

Parcel I.D. #: 00612-000

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 3rd day of March, A.D. 2006, by

DAVID D. ROBERTS, married, hereinafter called the grantor, to
STEWART COOPER, single and
SAMANTHA STACEY, single whose post office address is

9930 SW 282ND ST, NEWBERRY, FL 32669, hereinafter called the grantees: who are taking title
as Joint Tenants with Full Rights of Survivorship.
(Wherever used herein the terms "grantor" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal
representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration,
receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm
unto the grantees all that certain land situate in Columbia County, State of FLORIDA, viz:

SEE ATTACHMENT A

THE ABOVE DESCRIBED PROPERTY IS NOT THE HOMESTEAD OF THE GRANTOR.

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 grantees that he is lawfully seized of said land in fee simple; that
he has good right and lawful authority to sell and convey said land, and hereby fully 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, 2006.

In Witness Whereof, the said grantor has signed and sealed these presents, the day and year first above
written.

Signed, sealed and delivered in the presence of:

Robert E. Summers
Witness Signature
Robert E. Summers
Printed Name

Bob Bieniek
Witness Signature
Bob Bieniek
Printed Name

David D. Roberts L.S.
DAVID D. ROBERTS
Address:
PO BOX 1036,
HIGH SPRINGS, FL 32643

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 3rd day of March, 2006, by DAVID D.
ROBERTS, who is known to me or who has produced Plu Know as identification.



Bonita Hadwin
MY COMMISSION # 00763004 EXPIRES
August 10, 2007
BONDED THROUGH TOTTEN INSURANCE, INC.

Bonita Hadwin
Notary Public
My commission expires _____

Inst:2006006376 Date:03/15/2006 Time:11:13

Doc Stamp-Deed : 210.00

DC, P. DeWitt Cason, Columbia County B:1077 P:1031

"EXHIBIT A"

LOT 37 IN EXCEPTION TRACT #5 OF "THREE RIVERS ESTATES UNIT NO.4" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGES 116 & 116A OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NW CORNER OF SAID EXCEPTION TRACT #5 OF "THREE RIVERS ESTATES UNIT NO. 4", ALSO KNOWN AS P.C.P. 26 AND RUN S 77°25'00" E. 216.00 FEET; THENCE S 00°28'00"E., 231.00 FEET; THENCE S 89°25'00" W., 210.00 FEET; THENCE N 00°28'00" W., 280.00 FEET TO THE POINT OF BEGINNING.

Inst:2006006376 Date:03/15/2006 Time:11:13
Doc Stamp-Deed : 210.00
DC, P. DeWitt Cason, Columbia County B:1077 P:1032

THIS SURVEY IS NOT VALID WITHOUT THE ATTACHED SHEET 1.

BOUNDARY SURVEY
IN SECTION 36, TOWNSHIP 6 S,
RANGE 15 E, COLUMBIA COUNTY, FLORIDA

SURVEY REPORT

1. Real Property Description, as furnished by client and, as recorded in Official Records Book 1077 Page 1032 of the Columbia County Public Records:

"EXHIBIT A"

LOT 37 IN EXCEPTION TRACT #5 OF "THREE RIVERS ESTATES UNIT NO.4" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGES 116 & 116A OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NW CORNER OF SAID EXCEPTION TRACT #5 OF "THREE RIVERS ESTATES UNIT NO.4", ALSO KNOWN AS P.C.P. 26 AND RUN S 77°25'00" E, 216.00 FEET; THENCE S 00°28'00"E., 231.00 FEET; THENCE S 89°25'00" W., 210.00 FEET; THENCE N 00°28'00" W., 280.00 FEET TO THE POINT OF BEGINNING.

2. This boundary survey is for the benefit of Stewart Cooper, Samantha Stacey and GMAC Bank-Construction Lending Dept.

3. The boundary survey shown hereon is based on field measurements, observations and found monumentation, dated August 8, 2006.

4. Charles James Land Surveying neither performed nor received a title search of the subject property. Deeds, easements, rights-of-way, governmental jurisdictional areas or other obscure instruments, either recorded or unrecorded, may potentially affect the boundary shown hereon.

5. The basis of bearings for this survey is the bearing of S 77°25'00" E along the southerly right-of-way line of Bridge Blvd., as per the record plat.

6. All property line ties are measured perpendicular to the property line.

7. All existing utilities and/or improvements, either above or below ground, may not be included hereon.

8. This survey map/report is not valid without the signature and the original raised seal of Florida Professional Surveyor and Mapper No. 5612.

LEGEND

[---] Plat Data
(---) Deed data

ABBREVIATIONS

ID identification
R/W right-of-way

THIS SURVEY IS NOT VALID WITHOUT THE ATTACHED SHEET 2.

REPORT

Charles Thomas James

Charles Thomas James
Professional Surveyor and Mapper
Florida Registration No. 5612

signature date:

8/10/06

Charles James Land Surveying



Land Survey Planning Mapping

801 N.W. 25th Avenue
(352) 367-9200 Gainesville, Florida 32609

CHECKED BY CTJ

SURVEY NO. 95506

SURVEY DATE: August 8, 2006

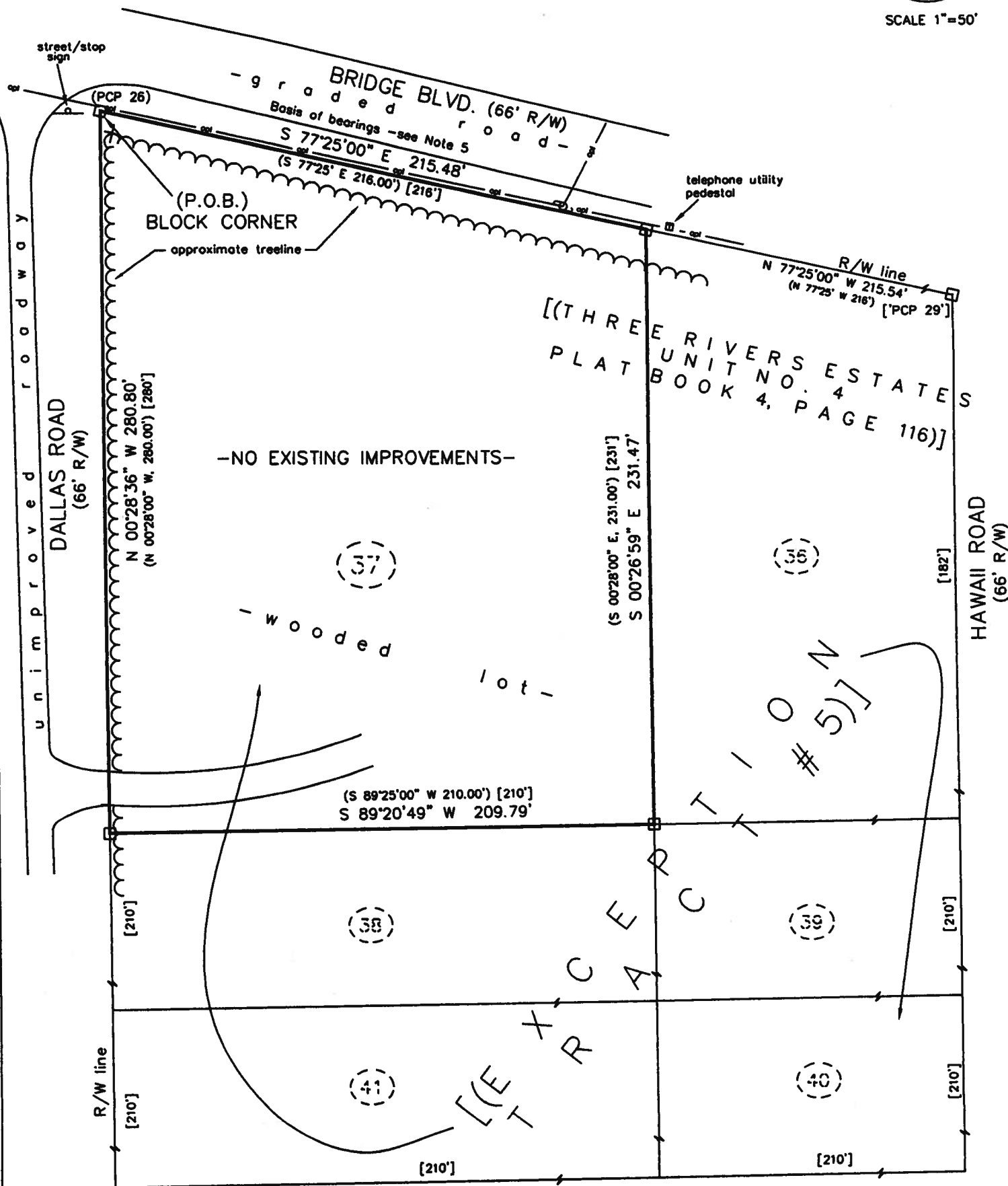
SHEET 1 OF 2

BOUNDARY SURVEY MAP

IN SECTION 36, TOWNSHIP 6 S,
RANGE 15 E, COLUMBIA COUNTY, FLORIDA



SCALE 1"=50'



LEGEND

- [] Plot Data
- () Deed data
- Found concrete monument with no ID, unless noted otherwise
- (30) Plotted lot number designation
- Overhead electric power line

MAP

Charles James Land Surveying



Land Survey Planning Mapping

801 N.W. 25th Avenue
(352) 367-9200 Gainesville, Florida 32609

CHECKED BY CTJ

SCALE: 1" = 50'

SURVEY DATE: August 8, 2006

SURVEY NO. 95506

SHEET 2 OF 2

THIS SURVEY IS NOT VALID WITHOUT THE ATTACHED SHEET 1.

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

Parcel I.D. #: 00612-000

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

LOT 36 IN EXCEPTION TRACT #5 OF "THREE RIVERS ESTATES UNIT NO.4" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGES 116 & 116A OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGIN AT THE NE CORNER OF SAID EXCEPTION TRACT #5 OF "THREE RIVERS ESTATES UNIT NO. 4", ALSO KNOWN AS P.C.P. 29 AND RUN N 77°25'00" W, 216.00 FEET; THENCE 00°28'00" E, 231.00 FEET; THENCE N 89°25'00" E., 210.00 FEET; THENCE N 00°28'00" W., 182.00 FEET TO THE POINT OF BEGINNING.

2. General description of improvement: **construction of single family dwelling**

3. Owner information:

- a. Name and address:
SAMANTHA STACEY and STEWART COOPER
9930 SW 282ND STREET, NEWBERRY, FLORIDA
32669
- b. Interest in property: **Fee Simple**
- c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)

COOPER ENTERPRISES
P.O. BOX 1604, NEWBERRY, FLORIDA 32669
Telephone Number: (352) 472-1356

5. Surety (if any):

- a. Name and Address:
Telephone Number: _____
- b. Amount of Bond \$ _____

6. Lender: (Name and Address) **JANE VERNON**
CONSTRUCTION LENDING DEPT., GMAC BANK
100 WITMER ROAD, HORSHAM, PA 19044-0936
Telephone Number: 215-682-6139

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)
N/A

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
GMAC BANK
100 WITMER ROAD, HORSHAM, PA 19044-0936
Telephone Number: 215-682-6139

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____

 {SEAL}
SAMANTHA STACEY

 {SEAL}
STEWART COOPER

Sworn to and subscribed before me this 16th day of August, 2006, by SAMANTHA STACEY and STEWART COOPER,
who are personally known to me or who have produced Drivers License

as identification.

Martha Bryan
Notary Public
My Commission Expires: _____



Martha Bryan
Commission # DD232534
Expires August 10, 2007
Bonded Troy Fein - Insurance, Inc. 800-385-7019

Inst:2006019599 Date:08/17/2006 Time:14:18
_____DC,P.DeWitt Cason,Columbia County B:1093 P:307

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0608-94 Date Received 08/30/06 By UH Permit # 24967
 Application Approved by - Zoning Official BK Date 12.09.06 Plans Examiner OK JH Date 9-12-06
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments _____

-1358

Applicants Name Stewart Cooper Phone (352) 745-1916
 Address 9930 SW 282 ST NEWBERRY FL 32669
 Owners Name STEWART COOPER Phone (352) 745-1916
 911 Address 493 SW DALLAS TER. FT WHITE, FL 32038
 Contractors Name COOPER ENTERPRISES, INC. Phone SAME AS ABOVE
 Address 25275 NW 8TH PL. NEWBERRY, FL 32669
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address TOM AUDIT, 4900 NW 23RD AVE GAINESVILLE FL 32614
 Mortgage Lenders Name & Address GMAC BANK 100 WHEATMAN RD, HORSHAM, PA 19044
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 00612-037 Estimated Cost of Construction \$100,000
 Subdivision Name THREE RIVERS ESTATES Lot 37 Block 4 Unit 4 Phase _____
 Driving Directions GO TO FT. WHITE, GO SOUTH ON HWY 47 FROM INTERSECTION OF HWY 27 AND HWY 47. TURN RIGHT ON WILLSON SPRINGS RD. TURN LEFT @ STOP SIGN STILL WILLSON SPRINGS RD. TURN LEFT @ STOP SIGN (NEW) TURN LEFT ON BRIDGE PROBABLY IS ON CORNER OF BRIDGE AND DALLAS ON LEFT
 Type of Construction RESIDENTIAL Number of Existing Dwellings on Property 0
 Total Acreage 1.2 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 75' Side 90' Side 90' Rear 70'
 Total Building Height 20' 10" Number of Stories 1 Heated Floor Area 1800 Roof Pitch 7/12
 TOTAL 2528

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)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 30 day of AUGUST 2006.
 Personally known X or Produced Identification _____

Contractor Signature
 Contractors License Number C6C 1504959
 Competency Card Number _____
 NOTARY STAMP/SEAL

Notary Signature





STATE OF FLORIDA
DEPARTMENT OF HEALTH

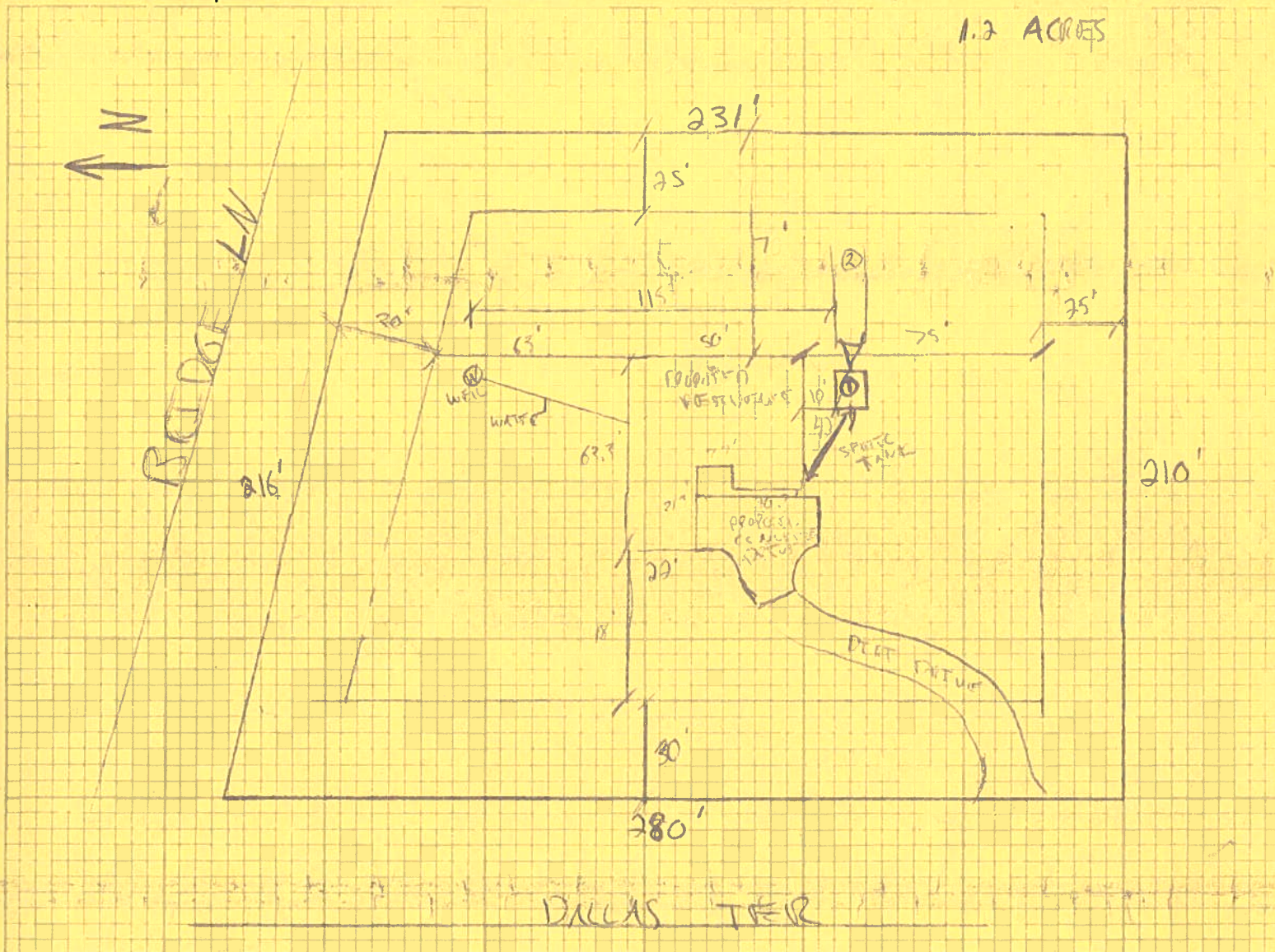
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

0756N
06-~~000~~

PART II - SITE PLAN

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



Notes:

Site Plan submitted by: [Signature]

Signature

OWNER

Title

Plan Approved X

Not Approved

Date 9/5/06

By [Signature]

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Cooper Residence 1800 S.F.**
 Address:
 City, State: **, FL**
 Owner: **Mr. & Mrs. Cooper**
 Climate Zone: **North**

Builder:
 Permitting Office: **Alachua**
 Permit Number: **24967**
 Jurisdiction Number: **111000**

- | | | |
|---|--|-----|
| 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 | 3 | ___ |
| 5. Is this a worst case? | Yes | ___ |
| 6. Conditioned floor area (ft ²) | 1800 ft ² | ___ |
| 7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default) | | |
| a. U-factor: | Description Area | |
| (or Single or Double DEFAULT) | 7a. (Dble Default) 285.2 ft ² | ___ |
| b. SHGC: | | |
| (or Clear or Tint DEFAULT) | 7b. (Clear) 289.2 ft ² | ___ |
| 8. Floor types | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 185.8(p) ft | ___ |
| b. N A | | ___ |
| c. N A | | ___ |
| 9. Wall types | | |
| a. Concrete, Int Insul. Exterior | R=5.0, 1955.5 ft ² | ___ |
| b. Frame, Wood, Adjacent | R=11.0, 230.3 ft ² | ___ |
| c. N A | | ___ |
| d. N A | | ___ |
| e. N A | | ___ |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 1800.2 ft ² | ___ |
| b. N A | | ___ |
| c. N A | | ___ |
| 11. Ducts | | |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 25.0 ft | ___ |
| b. N A | | ___ |

- | | | |
|--|-------------------|-----|
| 12. Cooling systems | | |
| a. Central Unit | Cap: 48.0 kBtu hr | ___ |
| | SEER: 13.00 | ___ |
| b. N A | | ___ |
| c. N A | | ___ |
| 13. Heating systems | | |
| a. Electric Heat Pump | Cap: 48.0 kBtu hr | ___ |
| | HSPF: 8.80 | ___ |
| b. N A | | ___ |
| c. N A | | ___ |
| 14. Hot water systems | | |
| a. Electric Resistance | Cap: 50.0 gallons | ___ |
| | EF: 0.93 | ___ |
| b. N A | | ___ |
| c. Conservation credits | | ___ |
| (HR-Heat recovery, Solar | | |
| DHP-Dedicated heat pump) | | |
| 15. HVAC credits | 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: 0.16

Total as-built points: 27616
 Total base points: 28940

PASS

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

PREPARED BY: [Signature]

DATE: 8/14/06

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: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI,

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	1800.0	20.04	6493.0	Single, Clear	H	0.0	0.0	2.0	84.46	1.00	168.9
				Double, Clear	S	1.6	6.3	12.6	35.87	0.86	386.9
				Single, Clear	H	0.0	0.0	2.0	84.46	1.00	168.9
				Double, Clear	S	1.6	3.3	5.0	35.87	0.66	119.2
				Double, Clear	W	1.6	9.1	40.0	38.52	0.96	1484.7
				Double, Clear	W	1.6	7.3	21.2	38.52	0.93	763.5
				Double, Clear	SW	1.6	7.3	10.6	40.16	0.91	389.1
				Double, Clear	NW	1.6	7.3	10.6	25.97	0.94	259.8
				Double, Clear	E	1.6	7.3	15.7	42.06	0.93	617.0
				Double, Clear	E	1.6	7.3	15.7	42.06	0.93	617.0
				Double, Clear	E	15.0	2.3	7.5	42.06	0.36	112.6
				Double, Clear	E	15.0	9.3	14.0	42.06	0.42	246.4
				Double, Clear	W	1.6	9.1	13.3	38.52	0.96	493.6
				Double, Clear	W	1.6	9.1	40.0	38.52	0.96	1484.7
				Double, Clear	W	1.6	9.1	13.3	38.52	0.96	493.6
				Double, Clear	W	1.6	7.3	15.7	38.52	0.93	565.4
				Double, Clear	N	1.6	7.3	15.6	19.20	0.95	285.3
				Double, Clear	N	1.6	3.3	3.0	19.20	0.83	48.1
				Double, Clear	E	7.0	7.3	15.7	42.06	0.53	350.2
				Double, Clear	N	1.6	7.3	15.7	19.20	0.95	287.1
				As-Built Total:		289.2			9342.0		
WALL TYPES				Type		R-Value		Area X SPM = Points			
Adjacent	230.3	0.70	161.2	Concrete, Int Insul, Exterior		5.0		1955.5		1.00 1955.5	
Exterior	1955.5	1.70	3324.4	Frame, Wood, Adjacent		11.0		230.3		0.70 161.2	
Base Total:		2185.8	3485.6	As-Built Total:		2185.8		2116.7			
DOOR TYPES				Type		R-Value		Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Insulated				20.0		4.10 82.0	
Exterior	20.0	6.10	122.0								
Base Total:		20.0	122.0	As-Built Total:		20.0		82.0			
CEILING TYPES				Type		R-Value		Area X SPM X SCM = Points			
Under Attic	1800.2	1.73	3114.3	Under Attic		30.0		1800.2		1.73 X 1.00 3114.3	
Base Total:		1800.2	3114.3	As-Built Total:		1800.2		3114.3			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT					
FLOOR TYPES Area X BSPM = Points				Type	R-Value	Area X SPM = Points			
Slab	185.8(p)	-37.0	-6874.6	Slab-On-Grade Edge Insulation	0.0	185.8(p)	-41.20	-7655.0	
Raised	0.0	0.00	0.0						
Base Total:			-6874.6	As-Built Total:		185.8	-7655.0		
INFILTRATION Area X BSPM = Points				Area X SPM = Points					
			1800.0 10.21 18378.0				1800.0 10.21 18378.0		
Summer Base Points: 24718.3				Summer As-Built Points: 25378.0					
Total Summer Points		X	System Multiplier = Cooling Points	Total Component X Cap X Duct X System X Credit = Cooling Points					
				(System - Points) (DM x DSM x AHU)					
				(sys 1: Central Unit 48000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)					
24718.3		0.4266	10544.8	25378	1.00	(1.09 x 1.147 x 1.00)	0.263	0.950	7913.4
24718.3		0.4266	10544.8	25378.0	1.00	1.250	0.263	0.950	7913.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI,

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 = Point				
.18	1800.0	12.74	4127.8	Single, Clear	H	0.0	0.0	2.0	29.19	1.00	58.4
				Double, Clear	S	1.6	6.3	12.6	13.30	1.12	187.2
				Single, Clear	H	0.0	0.0	2.0	29.19	1.00	58.4
				Double, Clear	S	1.6	3.3	5.0	13.30	1.61	107.3
				Double, Clear	W	1.6	9.1	40.0	20.73	1.01	837.1
				Double, Clear	W	1.6	7.3	21.2	20.73	1.02	447.2
				Double, Clear	SW	1.6	7.3	10.6	16.74	1.05	185.4
				Double, Clear	NW	1.6	7.3	10.6	24.30	1.00	258.1
				Double, Clear	E	1.6	7.3	15.7	18.79	1.03	303.3
				Double, Clear	E	1.6	7.3	15.7	18.79	1.03	303.3
				Double, Clear	E	15.0	2.3	7.5	18.79	1.51	212.4
				Double, Clear	E	15.0	9.3	14.0	18.79	1.41	371.0
				Double, Clear	W	1.6	9.1	13.3	20.73	1.01	278.3
				Double, Clear	W	1.6	9.1	40.0	20.73	1.01	837.1
				Double, Clear	W	1.6	9.1	13.3	20.73	1.01	278.3
				Double, Clear	W	1.6	7.3	15.7	20.73	1.02	331.1
				Double, Clear	N	1.6	7.3	15.6	24.58	1.00	384.0
				Double, Clear	N	1.6	3.3	3.0	24.58	1.01	74.4
				Double, Clear	E	7.0	7.3	15.7	18.79	1.27	375.3
				Double, Clear	N	1.6	7.3	15.7	24.58	1.00	386.5
				As-Built Total:		289.2			6274.3		
WALL TYPES				Area X BWPM = Points		Type		R-Value		Area X WPM = Points	
Adjacent		230.3	3.60	829.1		Concrete, Int Insul, Exterior		5.0	1955.5	5.70	11146.3
Exterior		1955.5	3.70	7235.4		Frame, Wood, Adjacent		11.0	230.3	3.60	829.1
Base Total:		2185.8	8064.4		As-Built Total:		2185.8		11975.4		
DOOR TYPES				Area X BWPM = Points		Type		Area X WPM = Points			
Adjacent		0.0	0.00	0.0		Exterior Insulated		20.0	8.40	168.0	
Exterior		20.0	12.30	246.0							
Base Total:		20.0	246.0		As-Built Total:		20.0		168.0		
CEILING TYPES				Area X BWPM = Points		Type		R-Value		Area X WPM X WCM = Points	
Under Attic		1800.2	2.05	3690.4		Under Attic		30.0	1800.2	2.05 X 1.00	3690.4
Base Total:		1800.2	3690.4		As-Built Total:		1800.2		3690.4		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI,

PERMIT #:

BASE				AS-BUILT			
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points	
Slab	185.8(p)	8.9	1653.6	Slab-On-Grade Edge Insulation	0.0	185.8(p)	3493.0
Raised	0.0	0.00	0.0				
Base Total:			1653.6	As-Built Total:			3493.0
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
	1800.0	-0.59	-1062.0			1800.0	-1062.0
Winter Base Points:			16720.2	Winter As-Built Points:			24539.2
Total Winter X System = Heating Points		Multiplier	Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points			
				(System - Points)	(DM x DSM x AHU)		
16720.2	0.6274		10490.3	(sys 1: Electric Heat Pump 48000 btuh .EFF(8.8) Ducts:Unc(S).Unc(R).Gar(AH).R6.0			
				24539.2	1.000 (1.069 x 1.169 x 1.00)	0.387	11883.0
				24539.2	1.00	1.250	0.387
						1.000	11883.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

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 Multiplier
3		2635.00	7905.0	50.0	0.93	3	1.00	2606.67	1.00 7820.0
				As-Built Total:					7820.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
10545		10490		7905 28940	7913		11883		7820 27616

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI,

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 612.1.ABC.3.2. 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* = 83.9

The higher the score, the more efficient the home.

Mr. & Mrs. Cooper, , , Fl.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 48.0 kBtu hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N A	
5. Is this a worst case?	Yes	c. N A	
6. Conditioned floor area (ft ²)	1800 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 48.0 kBtu hr
(or Single or Double DEFAULT) 7a. (Dble Default) 285.2 ft ²			HSPF: 8.80
b. SHGC:		b. N A	
(or Clear or Tint DEFAULT) 7b. (Clear) 289.2 ft ²		c. N A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 185.8(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N A			EF: 0.93
c. N A		b. N A	
9. Wall types		c. Conservation credits	
a. Concrete, Int Insul. Exterior	R=5.0, 1955.5 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=11.0, 230.3 ft ²	DHP-Dedicated heat pump)	
c. N A		15. HVAC credits	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, 1800.2 ft ²	MZ-C-Multizone cooling,	
b. N A		MZ-H-Multizone heating)	
c. N A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 25.0 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 at 850 487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge R (Version: FLRCSB v4.0)

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

Parcel: 00-00-00-00612-037

2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	COOPER STEWART
Site Address	
Mailing Address	9930 SW 282ND ST NEWBERRY, FL 32669
Description	LOT 37, UNIT 4 THREE RIVERS ESTATES. ORB 523-78.

Use Desc. (code)	VACANT (000000)
Neighborhood	100000.04
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$15,300.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$15,300.00

Just Value	\$15,300.00
Class Value	\$0.00
Assessed Value	\$15,300.00
Exempt Value	\$0.00
Total Taxable Value	\$15,300.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/3/2006	1077/1031	WD	V	Q		\$30,000.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.000AC)	1.00/1.00/1.00/1.00	\$15,300.00	\$15,300.00

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

1 of 1

Disclaimer



Columbia County Property Appraiser

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

PARCEL: 00-00-00-00612-037 - VACANT (000000)

Name: COOPER STEWART	LandVal	\$15,300.00
Site:	BldgVal	\$0.00
Mail: 9930 SW 282ND ST	ApprVal	\$15,300.00
NEWBERRY, FL 32669	JustVal	\$15,300.00
Sales Info 3/3/2006 \$30,000.00 V / Q	Assd	\$15,300.00
	Exmpt	\$0.00
	Taxable	\$15,300.00

0 0.1 0.2 0.3 mi



This information, GIS Map Updated: 8/1/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

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

Addressing Maintenance

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

DATE REQUESTED: 7/31/2006 DATE ISSUED: 8/9/2006

ENHANCED 9-1-1 ADDRESS:

493 SW DALLAS TER

FORT WHITE FL 32038

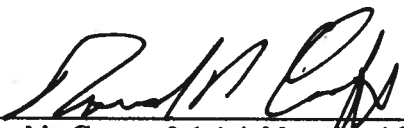
PROPERTY APPRAISER PARCEL NUMBER:

00-00-00-00612-037

Remarks:

LOCATED ON LOT 37 UNIT 4 THREE RIVERS ESTATES S/D

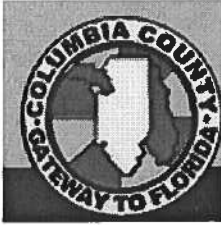
Address Issued By:


Columbia County 9-1-1 Addressing / GIS Department

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

359

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED



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

Reference to a building permit application Number: **0608-94**
Contractor Cooper Enterprises Inc. Owner Stewart Cooper Property ID# 00-0s-
00-00612-037

On the date of September 5, 2006 application 0608-94 and plans for construction of 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.

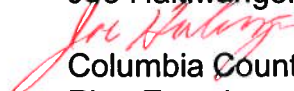
Please include application number 0608-94 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

1. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system.

- ✓ **2.** The windows in bedrooms 2 and 3 are shown as 25 SH please verify that one window in each bedroom will comply with the Residential Florida Code 2004 Section R310.1.1 Minimum opening area: All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m²). Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet (0.465 m²): R310.1.2 Minimum opening height. The minimum net clear opening height shall be 24 inches (610 mm): R310.1.3 Minimum opening width. The minimum net clear opening width shall be 20 inches (508 mm).
- ✓ **3.** The truss package plans which were submitted with the application are required to have the truss designer embossed raised engineers seal. Please submit two sets of these required truss package plans.
- ✓ **4.** The door which provides entry to the residence from the garage shall comply with Residential Florida Code 2004 sections R309.1 openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire-rated doors.
- ✓ **5.** Please identify on the plans a schedule of the supporting lintels which will be provided over all door (including the garage door) and window opening in the load bearing shear walls.

Joe Haltiwanger


Columbia County
Plan Examiner

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1:10:51 PM

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[Term Glossary](#) [Online Help](#)**Licensee Details****Licensee Information**

Name: **COOPER, MICHAEL DWAYNE (Primary Name)**
COOPER ENTERPRISES INC (DBA Name)
Main Address: **P.O. BOX 1604**
NEWBERRY Florida 32669
County: **ALACHUA**

License Mailing:**LicenseLocation:** **69 SW BLACKBURN TERRACE, APT 11**
STUART FL 34997**County:** **MARTIN****License Information**

License Type: **Certified General Contractor**
Rank: **Cert General**
License Number: **CGC1504959**
Status: **Current,Active**
Licensure Date: **11/25/2002**
Expires: **08/31/2008**

Special Qualifications **Qualification Effective**
Qualified Business License Required **04/11/2003**

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RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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 106.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> 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.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specifi ally designed by the registered design professional.
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation
☒	☐	
☒	☐	
☒	☐	

- | | | |
|-------------------------------------|--------------------------|--|
| ☒ | ☐ | N/A d) Location, size and height above roof of chimneys. |
| ☒ | ☐ | e) Location and size of skylights |
| ☒ | ☐ | f) Building height |
| ☒ | ☐ | e) Number of stories |
| ☒ | ☐ | <u>Floor Plan including:</u> |
| ☒ | ☐ | a) Rooms labeled and dimensioned. |
| ☒ | ☐ | b) Shear walls identified. |
| ☒ | ☐ | c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms). |
| ☒ | ☐ | d) Show safety glazing of glass, where required by code. |
| ☒ | ☐ | e) Identify egress windows in bedrooms, and size. |
| ☐ | ☐ | N/A f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type). |
| ☐ | ☐ | N/A g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails. |
| ☒ | ☐ | h) Must show and identify accessibility requirements (accessible bathroom) |
| ☒ | ☐ | <u>Foundation Plan including:</u> |
| ☒ | ☐ | 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 |
| ☐ | ☐ | f/b c) Any special support required by soil analysis such as piling |
| ☒ | ☐ | d) Location of any vertical steel. |
| ☒ | ☐ | <u>Roof System:</u> |
| ☐ | ☐ | a) Truss package including: |
| ☐ | ☐ | 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng. |
| ☒ | ☐ | 2. Roof assembly (FBC 106.1.1.2) 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 106.1.1.2) Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) |
| ☒ | ☐ | <u>Wall Sections including:</u> |
| ☐ | ☐ | 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 shall be designed by a Windload engineer using the engineered roof truss plans. |
| ☐ | ☐ | 6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 retarder (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)

☒ ☐

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) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 (termiticide or alternative method)
11. Slab on grade
 - a. Vapor retarder (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)

☐ ☐

N/A
N/A

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
- h) Exhaust fans in bathroom

HVAC information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) Gas System Type (LP or Natural) Location and BTU demand of equipment

N/A
N/A

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 (Toile 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. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**
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

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	THECMA-TRU	PREMIUM SERIES 6'8" STEEL DOOR	S-2149
B. SLIDING			
C. SECTIONAL/ROLL UP	AMERICALOPAY	OVERHEAD DOOR	FL 2581
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	CAPITAL	ALUMINUM SINGLE HUNG	FL 675
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS	ODL, INC.	PLASTEC TUBE LIGHT	F 2142.2
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL	AMERICAN GULF CORP	SU 26 GA. GALVALUME	FL 2832
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS	SEMPSON	TRUSS STRAPS 28"	FL 1901.17
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS	CAST CRETE	PRECAST LINTEL	FL 158
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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

APPLICANT SIGNATURE

DATE



Columbia County 9-1-1 Addressing / GIS Department

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

Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com



9-1-1 Address Request Form

NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.

Date of Request: _____

Requester Last Name: _____

First Name: _____

Contact Telephone Number: _____

(Cell Phone Number if Provided): _____

Requested for Self: _____ or Requested for Company: _____
(check one)

If Address is Requested by a Company, Provide Name of Requesting Company:

Parcel Identification Number: _____ - _____ - _____ - _____

If in Subdivision, Provide Name Of Subdivision:

Phase or Unit Number (if any): _____ Block Number (if any): _____

Lot Number: _____

Attach Site Plan or you may use back of Request Form for Site Plan:

Requirements for Site Plan Are Listed on Back of Request From:
(NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)

Addressing / GIS Department Use Only:

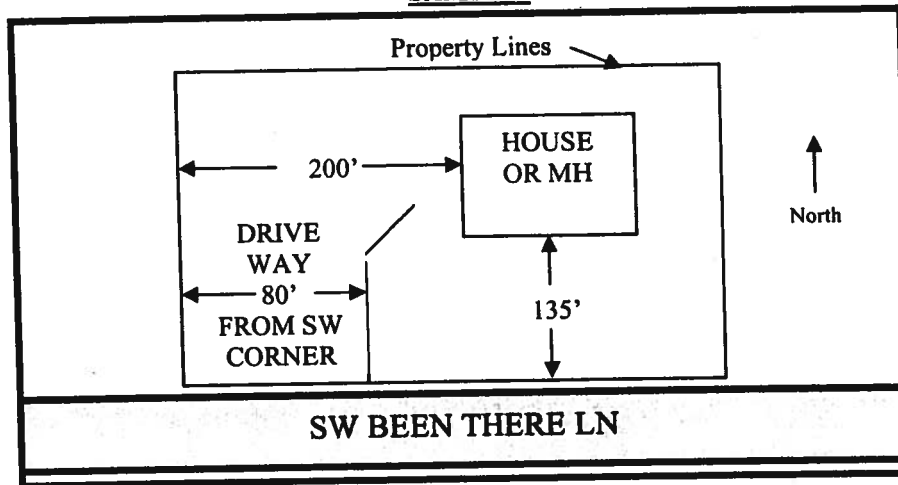
Date Received: _____

Date Assigned: _____

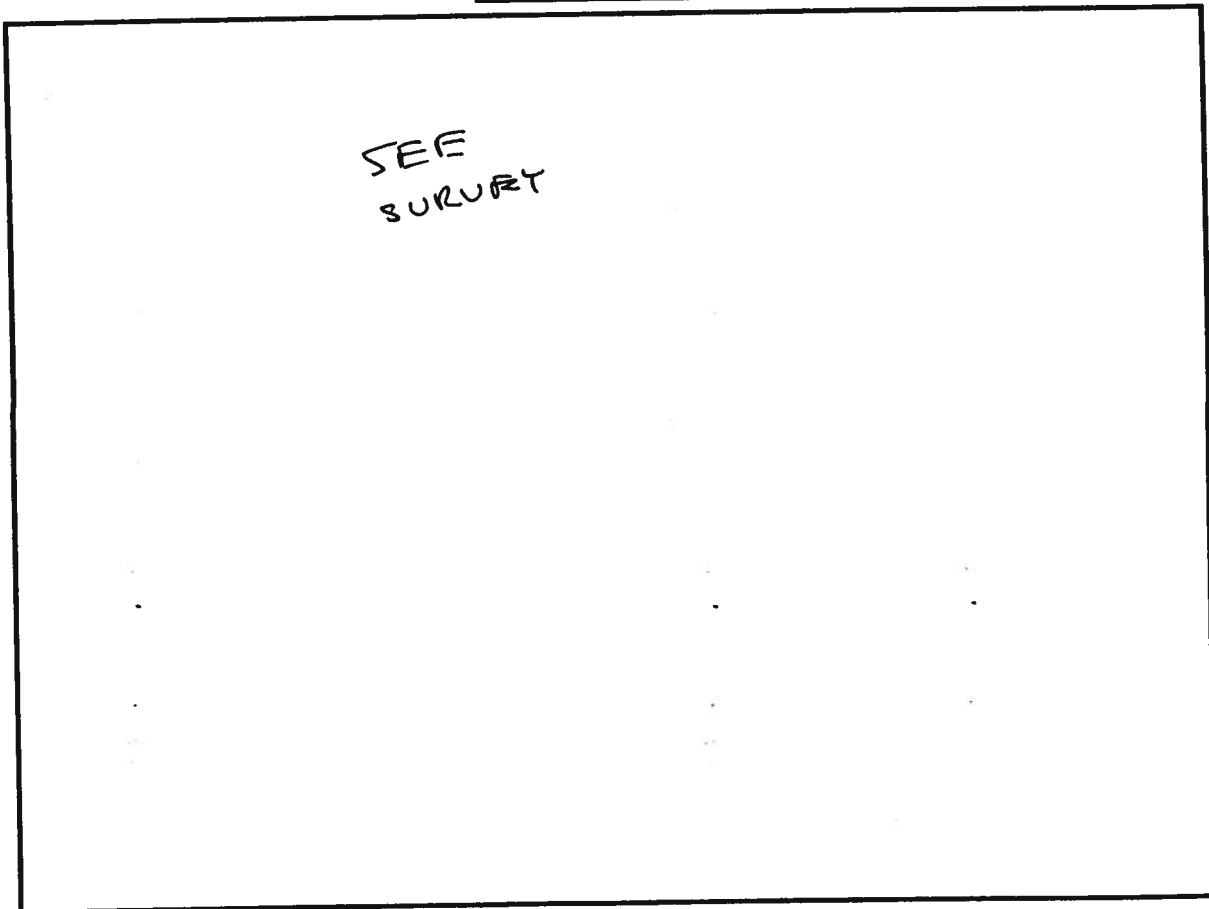
ID Number: _____

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. 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).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:





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)

Therma-Tru Corporation
108 Mutzfeld Rd.
Butler, IN 46721

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: Premium Series 6'8 Opaque Steel Door w & wo sidelites (OS)

APPROVAL DOCUMENT: Drawing No. S-2149, titled "'Premium Series" 6-8 Single & Double Out-swing Steel Door", sheets 1 through 8, prepared by RW Building Consultants, Inc., dated 3/28/02, 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 and Non-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.

The submitted documentation was reviewed by Raul Rodriguez



NOA No 01-0828.08
Expiration Date: June 20, 2007
Approval Date: June 20, 2002
Page 1

THERMA-TRU®

PREMIUM SERIES OUTSWING 6-8 SINGLE AND DOUBLE
W/OUT SIDELITES, INSULATED STEEL DOOR WITH WOOD FRAMES

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUICKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. MIAMI-DADE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED FOR SIDELITES ONLY.
6. SIDELITES ARE AN OPTION AND CAN BE USED IN A SINGLE OR DOUBLE CONFIGURATION.
7. LOW PROFILE OUTSWING BUMPS THRESHOLD RATED FOR +55.0 PSF & -55.0 PSF ON WATER FOR SINGLEUNITS.

INSULATED STEEL DOOR

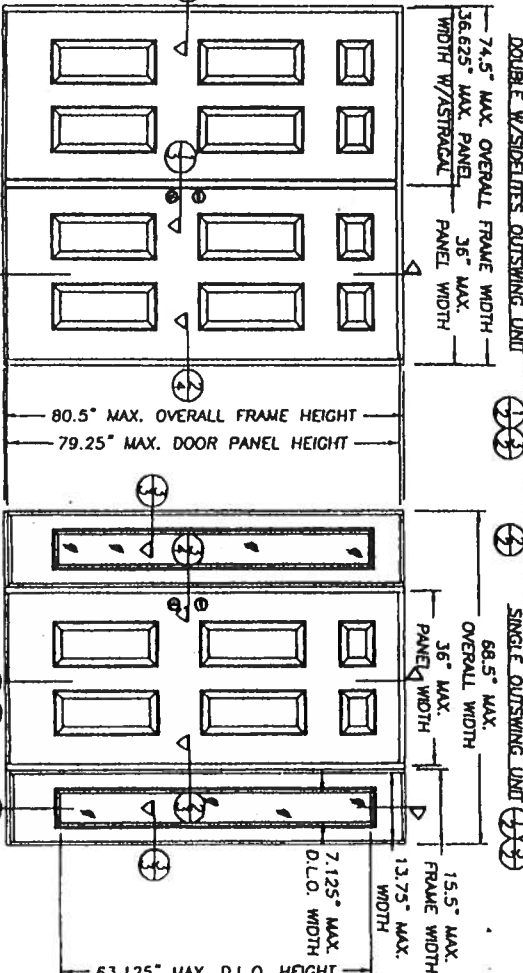
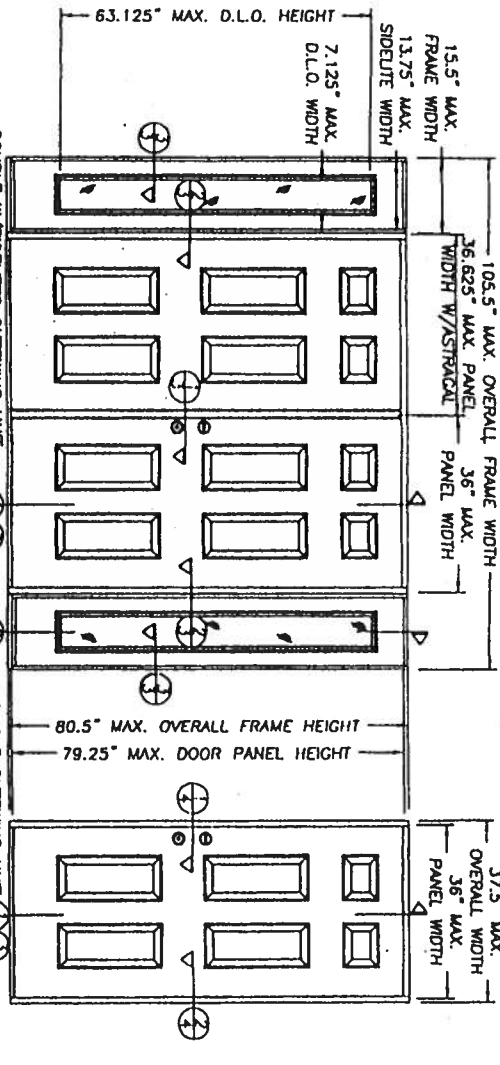
(Common to all frame conditions)

Door & Sidelite Panel Construction:
Face sheets: 24 GA. (0.022" minimum thickness, Galvalume steel A-525 commercial quality - AKCO per ASTM 620 with yield strength $F_y(\text{min.}) = 36,438 \text{ psi}$;
Core design: Polyurethane foam core,
with 1.9 lbs. density by BASF.

Door Panel Construction: Flush or embossed type. The vertical edges of the skin, rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed and pressure fitted with corner latches to the wood stiles of the corners.
Sidelite Panel Construction and Glazing: The vertical edges of the skin are rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed to the wood stiles of the corners. The sidelite panels are sandwich glazed using a two piece lite frame.
Frame Construction: The frame is constructed from finger jointed Ponderosa Pine measuring 4.656" wide x 1.25" thick. The hoodie is joined to the side jamb with (3) 16ga. 1/2" crown x 2" long staples of each side. The threshold is joined to the side jamb with (2) 16ga. 1/2" crown x 2.5" long staples of each side. The mullions are secured together in a stielite application using #8 x 2 1/2" long PPH Wood Screws (6) screws per each mullion. The unit uses an Outswing Bumpless threshold, either Low Profile or High Water Dam.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	HORIZONTAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS & NOTES
4	ANCHORING LOCATIONS & DETAILS
5	ANCHORING LOCATIONS & GLAZING DETAILS
6	ANCHORING LOCATIONS & GLAZING DETAILS
7	UNIT COMPONENTS
8	BILL OF MATERIALS & UNIT COMPONENTS



DOUBLE OUTSWING UNIT

SINGLE W/SIDELITES OUTSWING UNIT

UNIT TYPE	DESIGN PRESSURE RATING
SINGLE	+ 55.0 PSF - 67.0 PSF
DOUBLE	+ 55.0 PSF - 67.0 PSF
SINGLE W/SIDELITES	+ 55.0 PSF - 67.0 PSF
DOUBLE W/SIDELITES	+ 55.0 PSF - 67.0 PSF

Approved as complying with the
Florida Building Code
Date: June 20, 2002
Model: AT-8125-05
Division: Florida Building Code
By: [Signature]
S-2149

DATE: 08/08/01	SCALE: N.T.S.
CHK: JTH	CHK: RTH
DATE: 08/08/01	DATE: 08/08/01

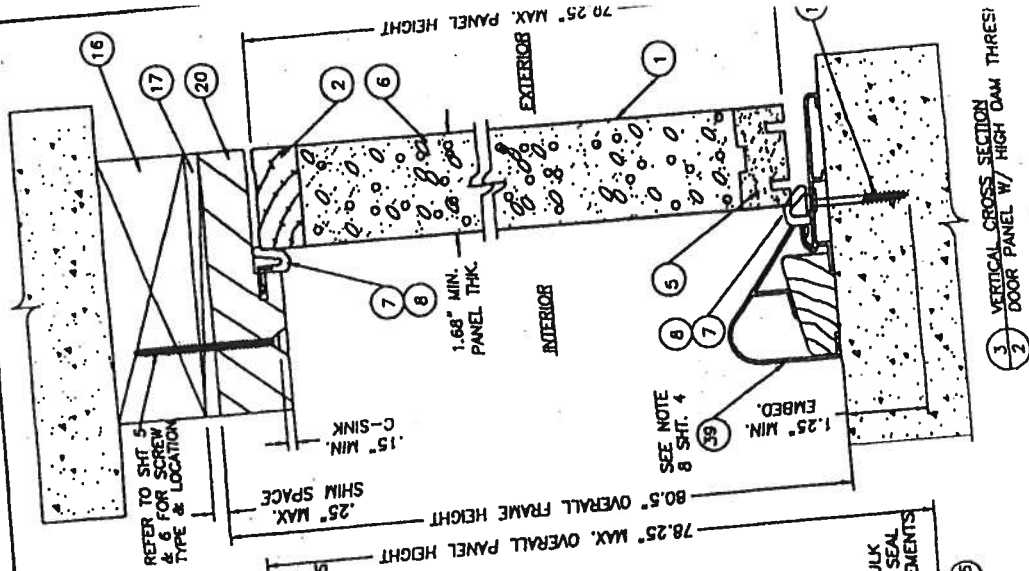
813.884.3031

REVISIONS

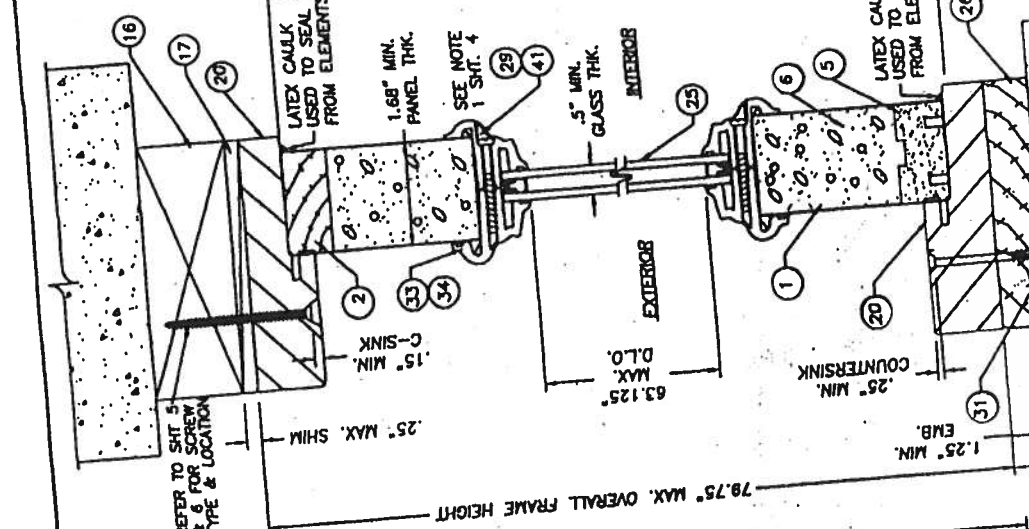
NO.	DATE	REVISIONS	BY
1	3/28/02	GENERAL REVISION	WLB

PRODUCT:
"PREMIUM SERIES" 6-8
SINGLE & DOUBLE
OUT-SWING STEEL DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

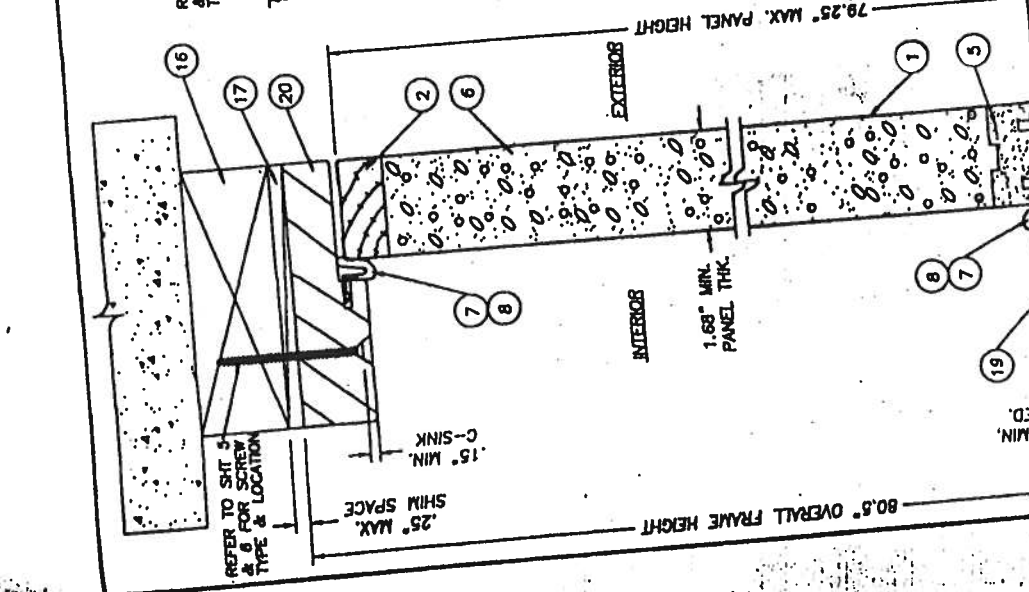
THERMA-TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811



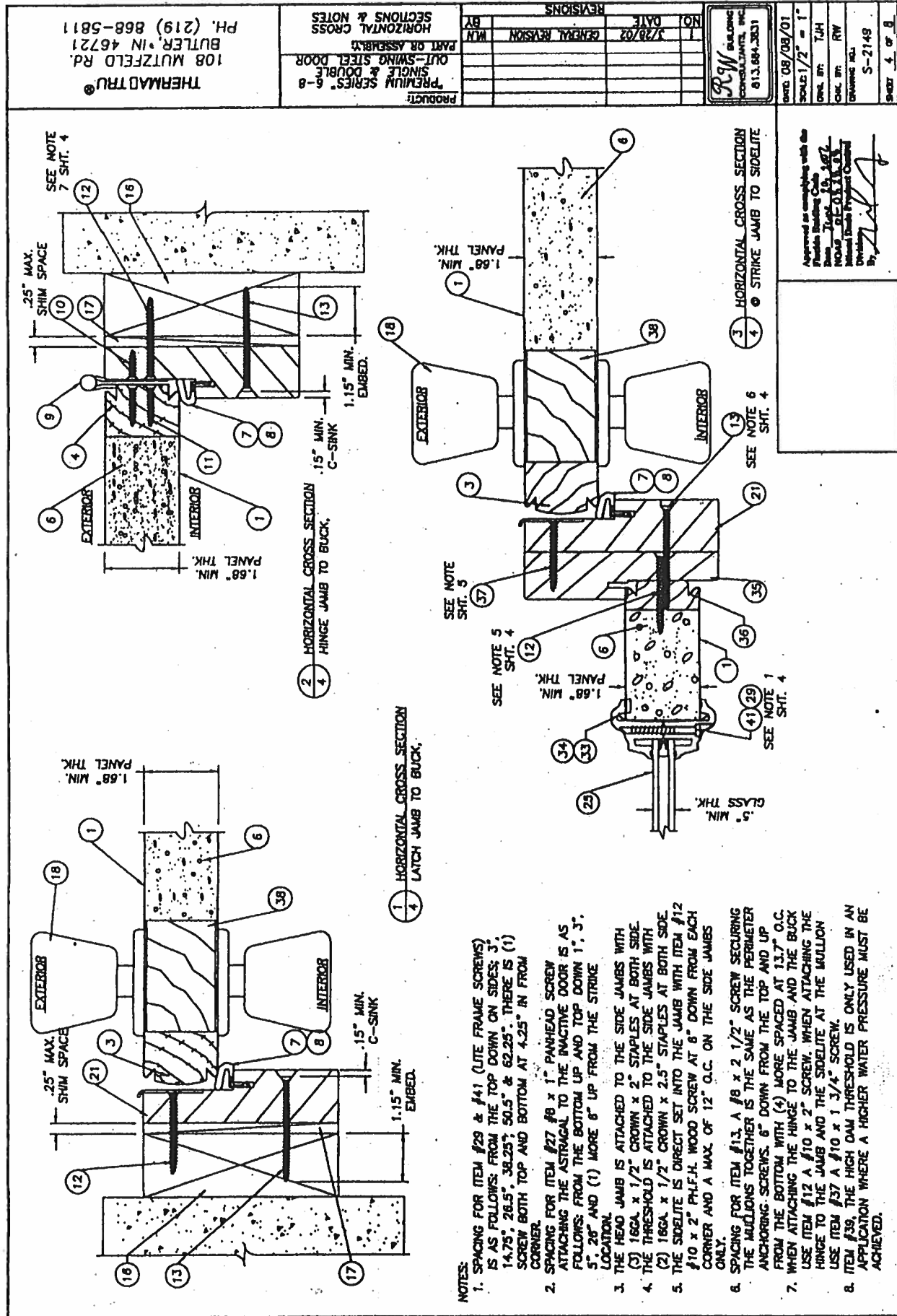
APPROVED AS SHOWN BY
 PROJECT ARCHITECT
 DATE
 DRAWING NO.
 BY

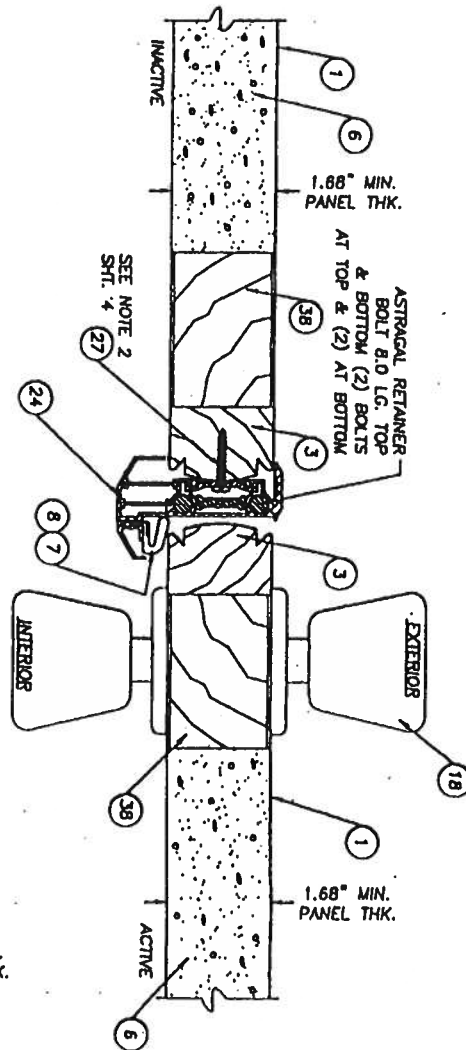


APPROVED AS SHOWN BY
 PROJECT ARCHITECT
 DATE
 DRAWING NO.
 BY

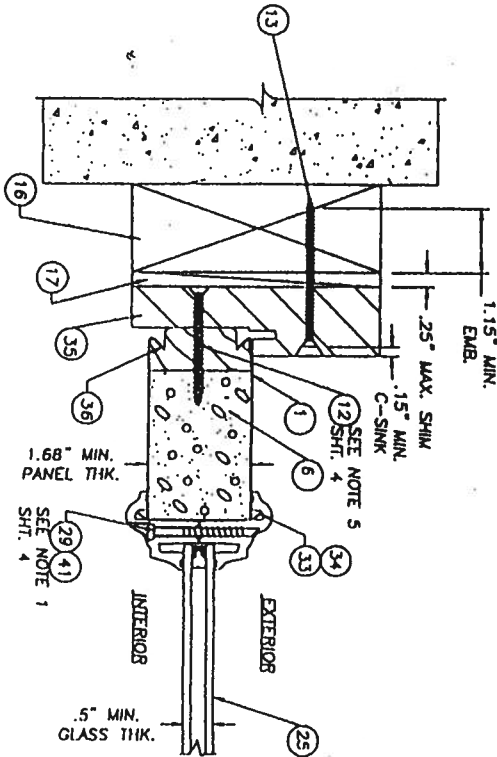


APPROVED AS SHOWN BY
 PROJECT ARCHITECT
 DATE
 DRAWING NO.
 BY

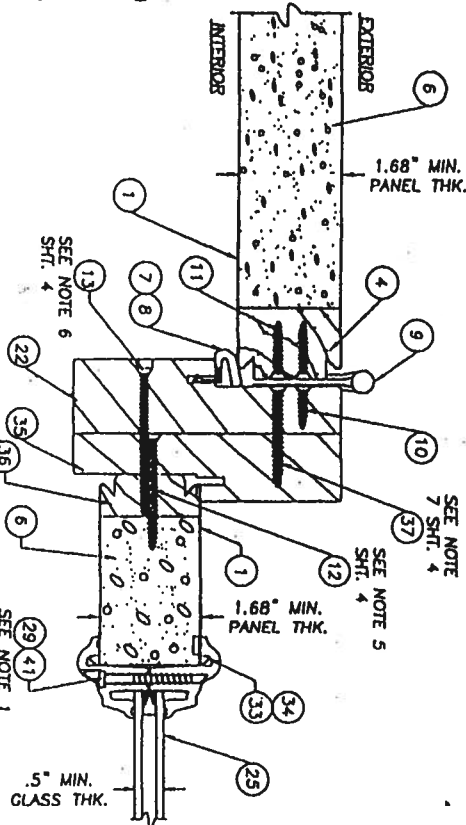




1 HORIZONTAL CROSS SECTION
 3 ASTRAGAL



3 HORIZONTAL CROSS SECTION
 3 SIDE LITE TO BUICK



2 HORIZONTAL CROSS SECTION
 3 HINGE JAMB TO SIDE LITE

Approved as complying with the
 Florida Building Code
 Date: 7/28/02
 NOA: 81-0111
 National Data Processing
 Division
 By: [Signature]

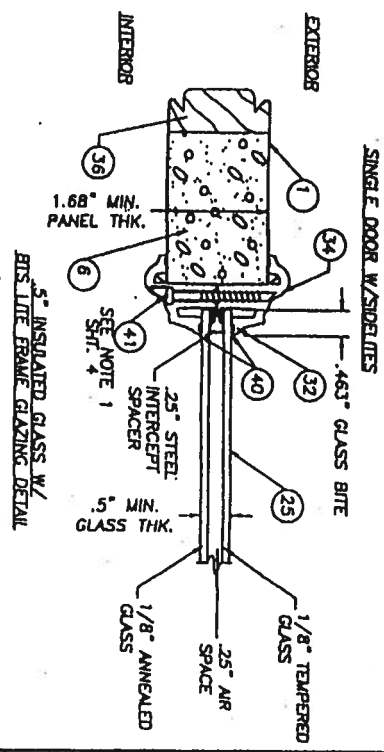
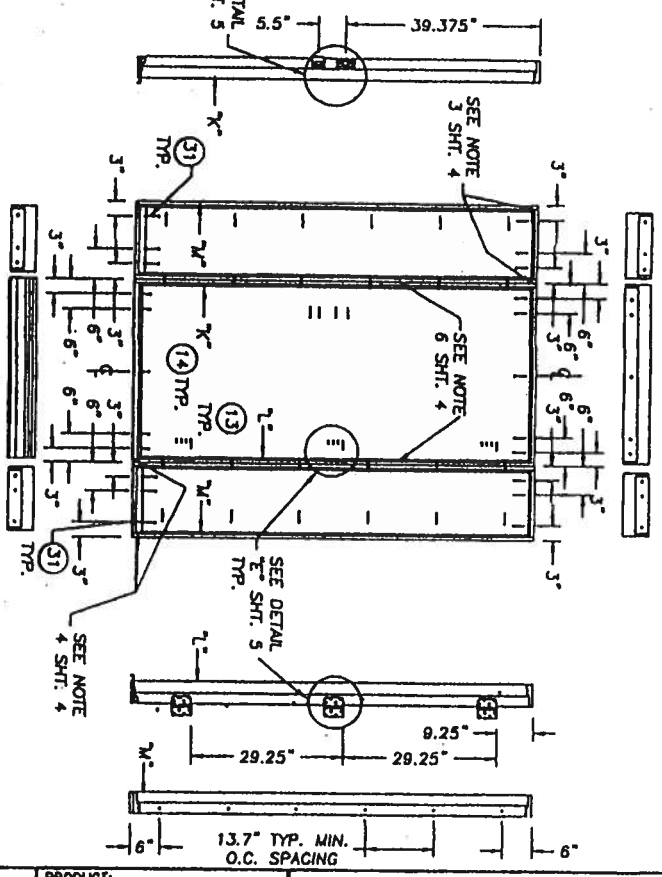
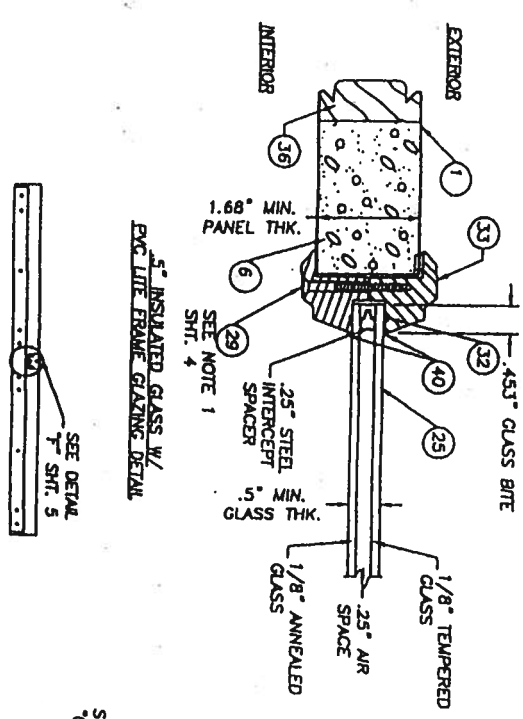
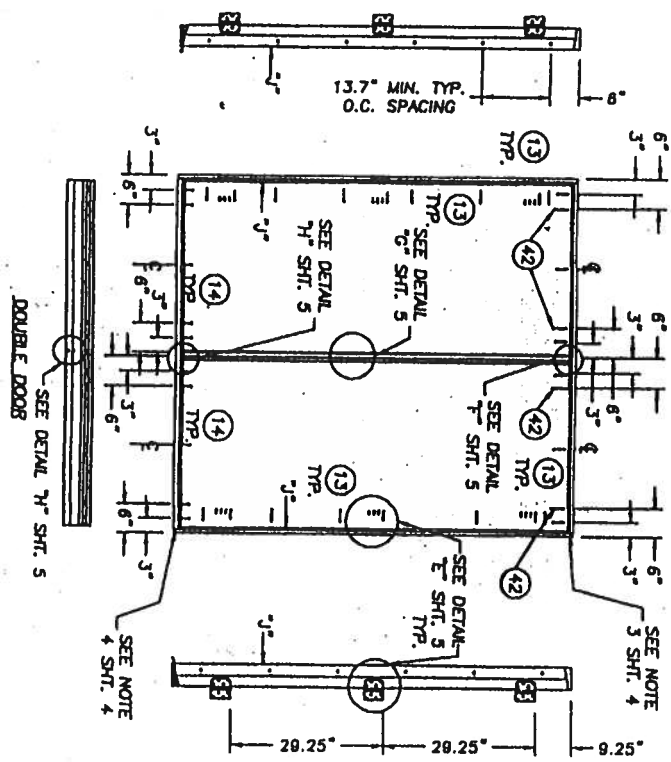
DATE: 08/08/01
 SCALE: 1/2" = 1"
 Dwg. No.: 141
 Ck. No.: RW
 Division: S-2149
 Sheet: 3 of 8

Therma-Tru
 CONSULTANTS, INC.
 813.868.3831

NO.	DATE	REVISIONS	BY
1	7/28/02	GENERAL REVISION	WIN

PRODUCT:
 "PREMIUM SERIES" 6-8
 SINGLE & DOUBLE
 OUT-SWING STEEL DOOR
 PART OR ASSEMBLY
 HORIZONTAL
 CROSS SECTIONS

Therma-Tru®
 108 MUTZFELD Rd.
 BUTLER, IN 46721
 PH. (219) 868-5811

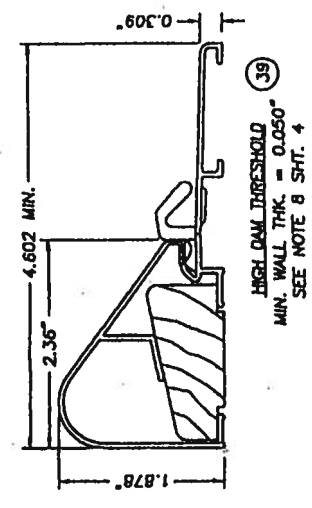
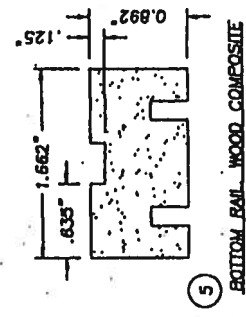
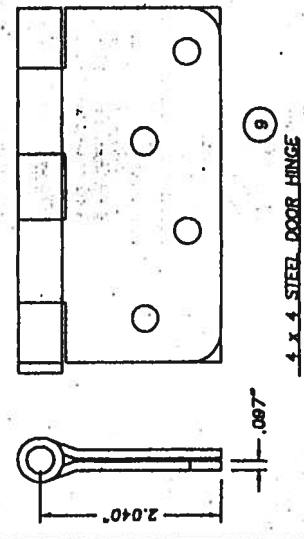
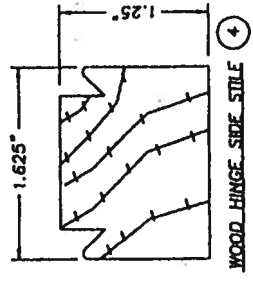
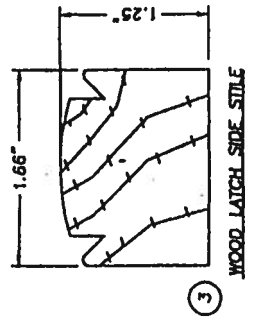
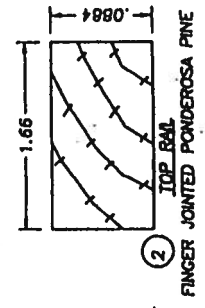
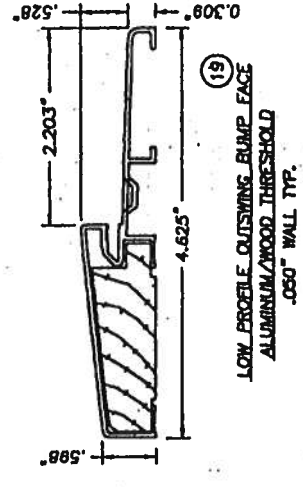
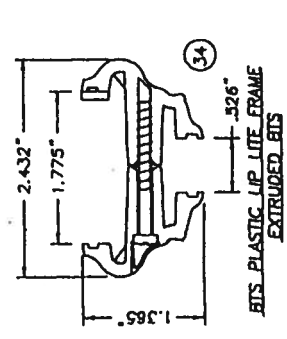
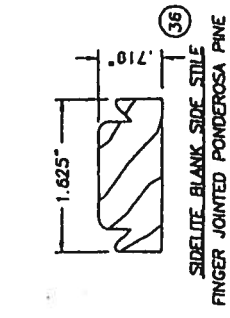
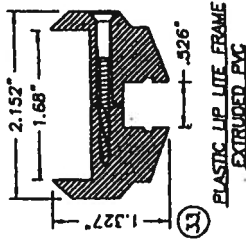
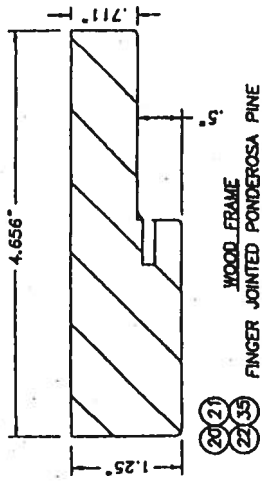


Approved as complying with the
 Building Code
 Date: 10/20/01
 By: [Signature]
 Title: Building Official
 Building Department
 S-2149

REVISIONS	
NO.	DATE
1	3/28/01
2	GENERAL REVISION
3	BY

PRODUCT:
 "PREMIUM SERIES" 6-8
 SINGLE & DOUBLE
 OUT-SWING STEEL DOOR
 PART OR ASSEMBLY:
 ANCHORING LOCATIONS
 & GLAZING DETAILS

THERMA-TRU®
 108 MUTZFELD RD.
 BUTLER, IN 46721
 PH. (219) 868-5811



NOTE
ALL DIMENSIONS ARE MINIMUM.
DIMENSIONS ARE THE LARGEST TESTED.

Approved as complying with the Florida Building Code, Chapter 6, Part 9, Section 905.2.1, for use in the State of Florida. This approval is not a warranty or endorsement of the product or the manufacturer's name.

By: *[Signature]*
Date: 09/08/01
Title: N.T.S.
Firm: T.J.H.
City: Ft. Myers
State: FL
Project: S-2149
Sheet: 7 of 8

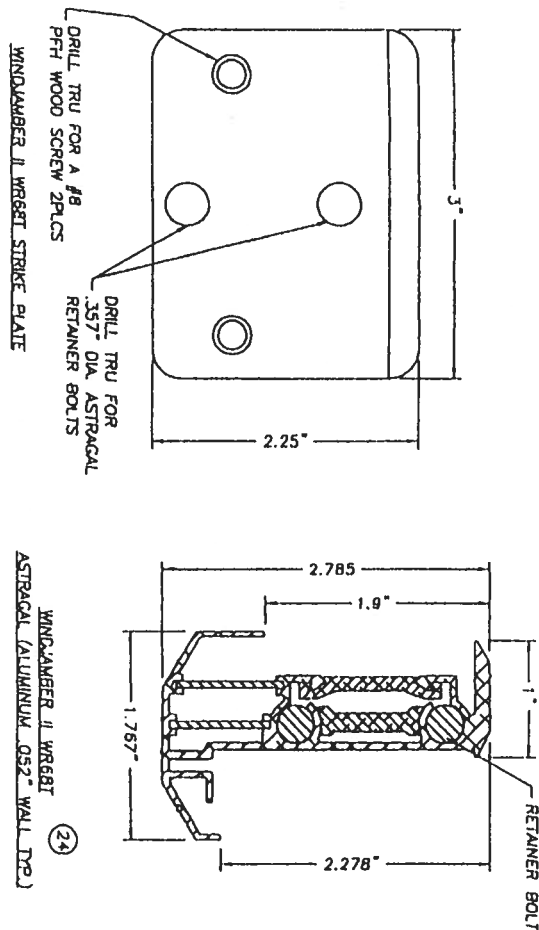
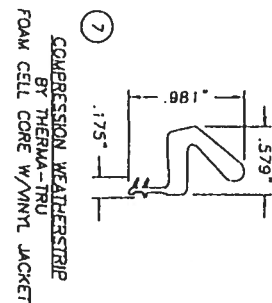
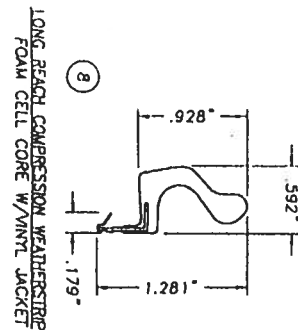
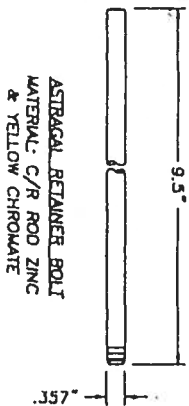
Building Consultants, Inc.
813.884.3831

NO.	DATE	REVISIONS
1	3/28/02	GENERAL REVISION
2		
3		
4		
5		
6		
7		
8		
9		
10		

PRODUCT: "PREMIUM SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR PART OR ASSEMBLY UNIT COMPONENTS

ThermaTru®
108 MUTZFELD RD.
BUTLER, IN 46721
PH. (219) 868-5811

Item	DESCRIPTION	Material
1	DOOR STOP PREMIUM SERIES 2464 (.022" MIN.)	STEEL
2	TOP RAIL (1.628" x .451" THERMA-TRU PONDROSA PINE)	WOOD
3	JAMB STEEL (THERMA-TRU PONDROSA PINE 1.66" x 1.25")	WOOD
4	JAMB STEEL (THERMA-TRU PONDROSA PINE 1.625" x 1.25")	WOOD
5	BOTTOM RAIL (1.662" x 0.892" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
6	POLYURETHANE FOAM (BASF, 1.915" DENSITY)	FOAM
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
9	4" x 4" HINGE (.097" THK. (THERMA-TRU))	STEEL
10	1/10 x 3/4" LG. PFH WOOD SCREW (Hinge to frame)	STEEL
11	1/10 x 1" LG. PFH WOOD SCREW	STEEL
12	1/10 x 2" LG. PFH WOOD SCREW	STEEL
13	1/8 x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" TAPCON ANCHOR (ELCO, 1.75" MIN. LG.)	STEEL
15	NOTE USED	
16	2x WOOD BUCK	WOOD
17	MAX. 1/4" SHIM MATERIAL	WOOD
18	KNIVESSET TITAN 700 SERIES PASSAGE LOCK	ALUM./WOOD
19	ONE PIECE BLUE FACE THRESHOLD LHM PROFILE (THERMA-TRU)	WOOD
20	4.656" HEADER (THERMA-TRU PONDROSA PINE)	WOOD
21	4.656" STRING JAMB (THERMA-TRU PONDROSA PINE)	WOOD
22	4.656" HINGE JAMB (THERMA-TRU PONDROSA PINE)	WOOD
23	KNIVESSET TITAN 700 SERIES DEADBOLT	ALUM.
24	ASTRAGAL WINDAMBER II WREGET (.052" WALL)	GLASS
25	GLAZING 1/2" INSULATED TEmPERED GLASS	WOOD
26	3/4" THK. PRESSURE TREATED SHEDITE PAD	WOOD
27	1/8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	NOT USED	
29	7/8-18 x 1 3/4" PHILIPS FLATHEAD SCREW (FOR TAIL AS)	STEEL
30	NOT USED	
31	3/16" TAPCON ANCHOR (ELCO, 3.25" MIN. LG.)	STEEL
32	1/8" THK. CELLULAR GLAZING TAPE (STR-4 TAPE)	-
33	PLASTIC UP LITE FRAME (PVC, THERMA-TRU)	PVC
34	PLASTIC UP LITE FRAME (BIS, THERMA-TRU)	PVC
35	4.656" BLANK JAMB (THERMA-TRU PONDROSA PINE)	WOOD
36	SPRINT SUE SUE (THERMA-TRU 1.625" x 1.78" PONDROSA PINE)	WOOD
37	1/10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	LOCK BLOCK 2.625" x 10.375" x 1.625" THK.	WOOD
39	HIGH WATER DAM THRESHOLD (THERMA-TRU)	ALUM.
40	SILICONE CAULK	SILICONE
41	7/8-10 x 1 1/2" PHASORW (FOR TAIL AS)	STEEL
42	1/10 x 3" LG. PFH WOOD SCREW	STEEL



WINDAMBER II WREGIT (ALUMINUM .052\" WALL THK.)

Approved as submitted under the
 Professional Building Code
 Date: 1/28/02
 By: [Signature]
 Title: [Title]
 Division: [Division]
 S-2149

DATE: 08/08/01
 SCALE: N.T.S.
 INC. BY: TJH
 CHK. BY: RW
 DRAWING NO.: S-2149
 SHEET: 8 of 8

GRW BUILDING
 CONSULTANTS, INC.
 813.884.3831

NO.	DATE	REVISIONS	BY
1	1/28/02	GENERAL REVISION	WLN

PRODUCT:
 "PREMIUM SERIES" 6-8
 SINGLE & DOUBLE
 OUT-SWING STEEL DOOR
 PART OR ASSEMBLY:
 BILL OF MATERIALS &
 UNIT COMPONENTS

THERMA-TRU®
 108 MUTZFELD Rd.
 BUTLER, IN 46721
 PH. (219) 868-5811

**AAMA/NWDA 101/LS.2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

**SERIES/MODEL: 650 Flange
TYPE: Aluminum Single Hung Window**

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	12 lb max.
Air Infiltration	0.14 cfm/ft ²
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

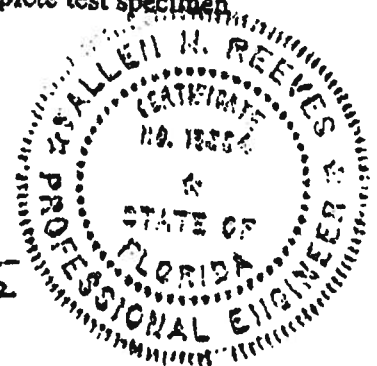
Reference should be made to Report No. 01-41134.02 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.


Mark A. Hess, Technician

MAH:nlb


9 APRIL 2002



Architectural Testing**AAMA/NWWDA 101/LS.2-97 TEST REPORT**

Rendered to:

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

Report No: 01-41134.02

Test Date: 03/07/02

Report Date: 03/26/02

Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Flange, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

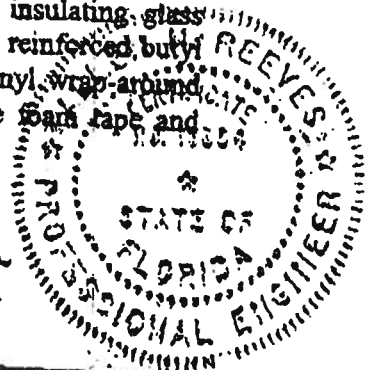
Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/LS.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

Test Specimen Description**Series/Model:** 650 Flange**Type:** Aluminum Single Hung Window**Overall Size:** 4' 4-1/4" wide by 6' 0-3/8" high**Active Sash Size:** 4' 1-3/4" wide by 3' 0-5/8" high**Daylight Opening Size:** 3' 11-3/8" wide by 2' 9-1/2" high**Screen Size:** 4' 0-1/4" wide by 2' 11-1/8" high**Finish:** All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

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

Allen H. Reeves
4 APRIL 2002



Test Specimen Description: (Continued)**Weatherstripping:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

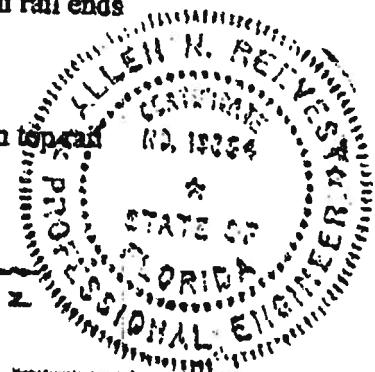
Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper	1	Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

Allen H. Reeves
9 APRIL 2002



Test Specimen Description: (Continued)**Drainage:** Sloped sill**Reinforcement:** No reinforcement was utilized.**Installation:** The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 3" installation screws through the jambs. The installation screws were located 3" from the head and sill and one midspan on both jambs. The exterior was sealed with polyurethane.**Test Results:**

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force	12 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.14 cfm/ft ²	0.3 cfm/ft ² max.

*Note #1: The tested specimen meets the performance levels specified in AAMA/NWDA 101/I.S. 2-97 for air infiltration.*Water Resistance (ASTM E 547-00)
(with and without screen)
WTP = 2.86 psf

No leakage

No leakage

Uniform Load Deflection (ASTM E 330-97)
(Measurements reported were taken on the meeting rail)
(Loads were held for 33 seconds)
@ 25.9 psf (positive) 0.45"
@ 34.7 psf (negative) 0.53"0.26" max.
0.26" max.**Exceeds L/175 for deflection, but passes all other test requirements.*2.1.4.2 Uniform Load Structural (ASTM E 330-97)
(Measurements reported were taken on the meeting rail)
(Loads were held for 10 seconds)
@ 38.9 psf (positive) 0.02"
@ 52.1 psf (negative) 0.01"0.18" max.
0.18" max.Allen N. Reeves
9 APRIL 2002

Test Specimen Description: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

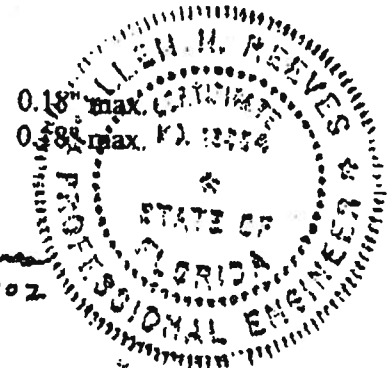
Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.55"*	0.26" max
	@ 47.2 psf (negative)	0.64"*	0.26" max.

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

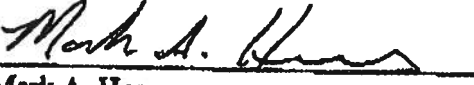
4.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.04"	
	@ 70.8 psf (negative)	0.05"	

Allen M. Reeves
7 APRIL 2002



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

For ARCHITECTURAL TESTING, INC:


Mark A. Hess
Technician

MAH:nlb
01-41134.02


Allen N. Reeves, P.E.
Director - Engineering Services
7 APRIL 2002



WindCode Garage Doors

Clopay's WindCode garage doors are designed to help withstand high winds resulting from tropical storms and other strong wind related weather events. This user friendly system assists you in selecting the right garage door for your area and building structure and helps provide peace of mind for your home, family and contents.

Beauty Design Options

Clopay's WindCode product offering has the widest range of panel styles, colors and window designs available today. Accent your home design while providing the protection you need against strong winds. Choose from traditional, elegant or flush panel designs and Designer or Decorative windows for that extra curb appeal.

Designed and Tested to Withstand Strong Winds

All Clopay WindCode doors have been designed and tested to meet many different code requirements. Additional interior horizontal steel reinforcement along with increased hardware and springing components are installed so your door is ready when a storm hits. No posts or pins are required to secure your door if you are not there. Just lock your door.

How to Select the Right WindCode Door

Your Clopay WindCode garage door choice will depend on the following factors:

1. Local building code.
Contact your local building code official for specific wind code requirements for your area.
2. Wind speed in miles per hour (MPH).
Obtain from your building code official.
3. Structure exposure, B or C.
Exposure B is defined as urban and suburban areas, wooded areas or other terrain with numerous closely spaced obstructions. Exposure C is assumed unless the building site meets the definition of another exposure.
Exposure C is defined as open terrain with scattered obstructions including flat open ground, grasslands and shorelines in hurricane prone regions. All of Miami-Dade and Broward Counties in Florida are Exposure C.

4. Mean roof height.

- Up to 15' high, one-story structure.
- 16' to 25' high, two-story structure.

5. Use the above information and the Clopay WindCode and Model Selection Charts on the following page to identify the right door for your home.

The garage doors are identified by "W" designations. The higher the "W" designation, the higher the pressure rating of the door.

Not all colors, sizes, and window options are available on all WindCode models. Consult your Clopay dealer for specifics.

Clopay WindCode products include standard model features (see individual product sell sheets) plus:

- Horizontal steel reinforcement suits for increased support to withstand increased wind pressures and building code requirements.
- Upgraded springs, track rollers and other hardware components to ensure maximum long lasting performance.

The charts below are intended as a reference only. Please refer to the specific wind guides and engineering drawings to match your application with a specific door and confirm the pressurizing with the building code authority.

International Building Code or Florida Building Code (ASCE7) - (Exposure B)

15' One-story	W1	W2/W3	W3	W4	W5	W6	W7
25' Two-story	W1	W2/W3	W3	W4	W5	W6	W7

International Building Code or Florida Building Code (ASCE7) - (Exposure C)

15' One-story	W3/W4	W3/W4	W4	W5	W6	W7	W8
25' Two-story	W4	W4	W5	W6	W7	W8/W9	W8/W9

* Broward County, Florida is 140 MPH and Miami-Dade County, Florida is 146 MPH, exposure C only.

WindCode Design Pressure Reference Chart

Design Pressure Minimums	-12 PSF	-13 PSF	-15 PSF	-19 PSF	-23 PSF	-28 PSF	-37 PSF	-46 PSF	-54 PSF
Test Pressure Minimums	-19 PSF	-23 PSF	-29 PSF	-37 PSF	-43 PSF	-55 PSF	-69 PSF	-86 PSF	-91 PSF

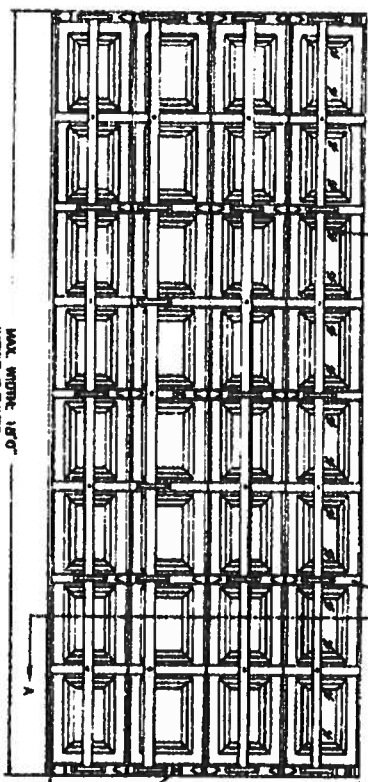
WindCode Model Selection Guide

W1	73, 76, 94, 1000, 1001, 1100, 1500, 4050, 4051, 4053, 4300, 4301, 4310, 4400, 4401
W2	73, 94, 1500
W3	73, 94, 1000, 1001, 1500, 4050, 4051, 4053
W4	73, 76, 94, 1500, 4300, 4301, 4310, 4400, 4401
W5	73, 76, 94, 1000, 1001, 1500, 4050, 4051
W6	73, 94, 4050, 4051, 4053, 4300, 4301, 4310, 4400, 4401
W7	73, 94
W8	73, 94, 9410, 4300, 4301, 4310, 4400, 4401
W9	94

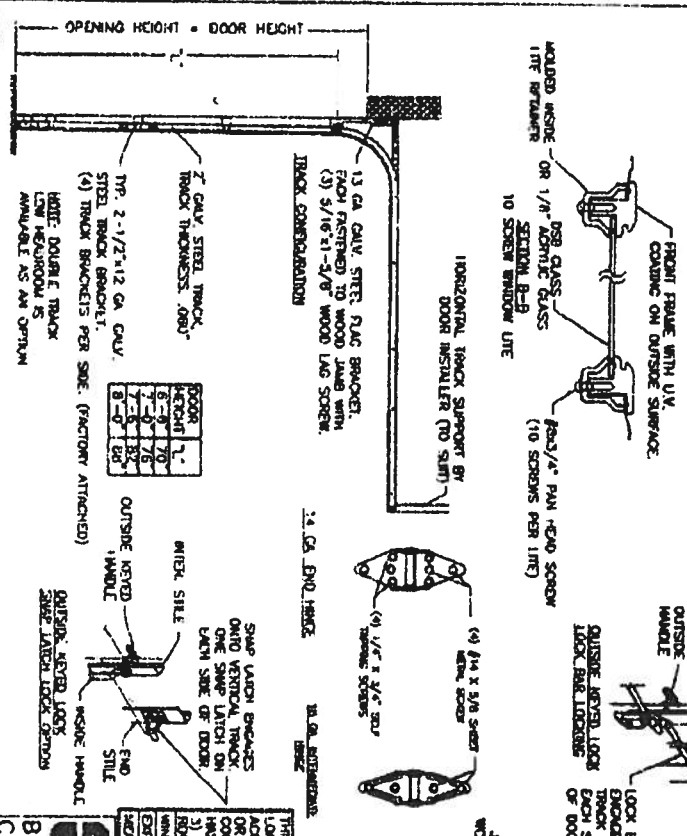
* All doors are available in 16' and 20' heights. All doors are tested to meet or exceed requirements. Broward County, Florida is 140 MPH and Miami-Dade County, Florida is 146 MPH, exposure C only.

MODEL	STANDARD	INSULATED
24 GA. GALV. 34	-	-
25 GA. 7.5	150, 1500	-

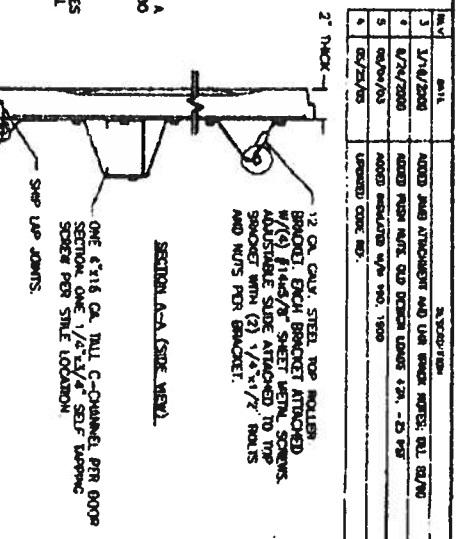
OPTIONAL DSB OR 1/8" ACRYLIC LITS AVAILABLE. ONE INTERMEDIATE STILE BETWEEN OPTIONAL ACRYLIC GLASS IS PLACED AT THE TOP OR BOTTOM OF EACH SECTION. ATTACHED TO THE TOP OR BOTTOM OF EACH SECTION. ATTACHED TO THE TOP OR BOTTOM OF EACH SECTION. ATTACHED TO THE TOP OR BOTTOM OF EACH SECTION.



NOTE: DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (STILES) OR (2) SECTIONS (NOT STILES). DOORS OVER 7'-0" HIGH CONSIST OF (2) SECTIONS (NOT STILES).



VERTICAL JAMB ATTACHMENT (C-PL BLOCK OR 2000 PSI MIN. CONCRETE CURB): 1/2\"/>



1/2\"/>

1/2\"/>



GLUPAY BUILDING PRODUCTS COMPANY
8545 DUKE BLVD.
JACKSON, OH 45006
(513) 770-4800

DATE	NOTED	REVISION
11/30/94		
10/13/94		
10/13/94		

DESIGN ENGINEER: JAMES WESTERFELD, P.E.
FLORIDA P.E. #4465 NC P.E. #2802 TEXAS P.E. #91513
RESID. LOADS: +75.0, -25.0 PSF
TEST LOADS: +37.5, -37.5 PSF

THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS ARE THE RESPONSIBILITY OF THE BUILDING DESIGNER OR ARCHITECT OF RECORD. THE LOADS SHOWN ON THIS DRAWING.

OPTIONAL, DRAWING SHOWN ON THIS DRAWING. THE DESIGNER OF THE SUPPORTING STRUCTURAL ELEMENTS ARE THE RESPONSIBILITY OF THE BUILDING DESIGNER OR ARCHITECT OF RECORD. THE LOADS SHOWN ON THIS DRAWING.

Cobra

EXHAUST VENT FOR ROOF RIDGE

Cobra Ridge Vents Are The #1 Choice Of Professional Builders & Remodelers!†

The Weather Stopper® 5-Part Roofing System

1. LEAK BARRIER

Weather Watch® and StormGuard® are the ultimate Leak Barriers! They provide extra protection at vulnerable areas like eaves, rakes, valleys, chimneys, and skylights.

2. ROOF DECK PROTECTION

Shingle-Mate® Roof Deck Protection lays flatter for a better-looking roof. (In the West, premium Leatherback® Roof Deck Protection is a great alternative.)

3. QUALITY SHINGLES

Including Timberline®, the #1-selling architectural shingles in America—your safest choice in roofing. From the name homeowners have trusted since 1886!

4. EFFECTIVE ATTIC VENTILATION

Cobra® (coil or hand plastic) and Master Flow® Ventilation Products help protect against premature roof deterioration (when used in a properly balanced ventilation system).

5. DISTINCTIVE RIDGE CAP SHINGLES

TIMBERTEX® and PacificRIDGE® Distinctive Ridge Cap Shingles enhance the appearance of your home while guarding against leaks at the ridge line.



"Your Best And Safest Choice"

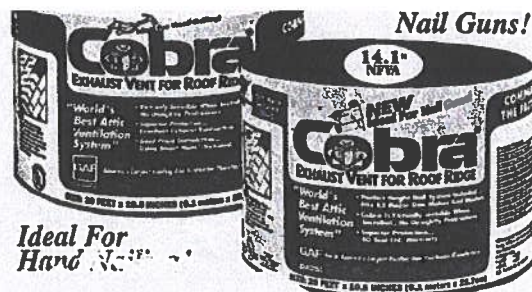
Homeowner's Best Choice

- **Vents Your Attic...** Allows heat and condensation to escape at the most effective location—the ridge
- **Looks Terrific...** 100% shingle-over design is virtually invisible when installed
- **Superior Protection...** Helps to prevent wood rot and extends the life of your exterior paint
- **Safeguards Possessions...** Helps limit mildew growth caused by damp attic air
- **Energy Efficient...** May even reduce your utility bills!
- **Safer...** Helps prevent problems with insects, birds, and animals in your attic
- **Peace Of Mind...** Backed by a 40-year ltd. warranty*

*See ltd. warranty for complete coverage and restrictions.

Professional's Best Choice

- **Greater Homeowner Satisfaction...** Low-profile design is hidden by ridge cap shingle
- **Easy To Install...** Quick, 3-step process; no need for complicated fitting, wrapping, connectors, or end plugs
- **Nails Included...** Smart Nails for reliable installation or 1 3/4" coil nails for nail guns
- **Superior Performance...** Net free ventilating area:
Cobra® Hand Nail: 16.9 sq. in./linear foot
Cobra® Nail Gun: 14.1 sq. in./linear foot at the most effective part of the roof
- **More Reliable...** Will not crack or dent during shipping or installation; won't corrode, rust, or turn brittle
- **Hip & Ridge Compatible...** Works with traditional sizes (11 1/2" & 12")



Ideal For Hand Nail

Stale Air Is Removed Through Cobra Exhaust Vent (Installed Under Ridge Cap Shingles)



Fresh Air Enters Attic Through Intake Vent At Soffit Or Eave

Balanced Ventilation Requirements

Balanced ventilation requires 1 square foot of ventilation for every 300 square feet of attic floor space.

1. Calculate the total square footage of the attic floor area (round up to the next highest number). This number will determine the minimum total linear feet of Cobra Exhaust Vent that is needed.
2. Find the appropriate amount of Cobra Exhaust Vent and minimum intake ventilation that corresponds to the total attic square footage.

Total Attic Square Footage	Recommended Length of Cobra Exhaust Vent (Feet)*	Minimum Intake Ventilation (Net Free Area in Sq. In.)
1600	23/27	430
1900	27/32	500
2200	31/37	580
2500	36/42	670
2800	40/47	750
3100	44/52	820
3400	48/57	900

*Hand Nail/Nail Gun

NOTE: In no case should the amount of ridge exhaust ventilation exceed the amount of soffit ventilation.

Cobra® Hand Nail:
Cobra® Nail Gun:

ICBO
ES Listed
See ICBO ES ER 547

Yes
No



Made from over 90% recycled steel over 30% post-consumer waste

Yes
Yes



Yes
U.S. Only

BOCA
See BOCA Exhaust Vent, Inc.
Research Report #1281-R

Yes
Yes

CCMC
Approval # MCA 00-0000 03
See Evaluation Report #1281-R

Yes
No



†Source: 2001 Builder Magazine Brand Use Study & 2001 Remodeling Magazine Brand Use Study

And Ventilation

Quality You Can Trust Since 1886... from North America's Largest Roofing Manufacturer



**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)

ODL, Inc.

**215 East Roosevelt Ave.
Zeeland, MI 49464**

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 Florida Building Code including the High Velocity Hurricane Zone.

DESCRIPTION: Plastic Glazed Tubular Skylight.

APPROVAL DOCUMENT: Drawing No. 18707-000, titled "Tubular Skylight; Severe Weather", sheets No 1 of 1, prepared by ODL, Inc. dated 01/27/03 with last revision on 06/27/03 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 & Small Missile Impact

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

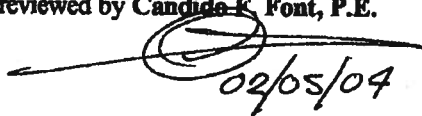
RENEWAL of this NOA shall not be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

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, evidence page and approval document mentioned above
The submitted documentation was reviewed by Candida E. Font, P.E.


02/05/04



**NOA No 03-0415.20
Expiration Date: February 5, 2009
Approval Date: February 5, 2004
Page 1**

ODL, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing No. 18707-000, sheets 1 of 1, titled "Tubular Skylights, Severe Weather", prepared by ODL Inc, dated 01/27/03, with last revision on 06/27/03, signed and sealed by L. F. Schmidt, P.E.

B. TESTS

1. Test report on Large Missile Impact Test per TAS 201, Cyclic Load Test per TAS 203 and Uniform Static, Air & Water Pressure Test per TAS 202, on "14" Plastic Glazed tubular Skylight", prepared by Architectural Testing reports No. 01-043861.01 dated 03/03/03, signed and sealed by J.A. Reed PE.
2. Test report on Method for Ignition Properties of Plastics per ASTM D1929, Method for Rate of Burning and/or Extent and Time of Burning of Self Supporting Plastics in a Horizontal Position per ASTM D635, Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D2843, Method for Tensile Method of Plastics per ASTM D638 before and after weathering of Lexan 143. They were prepared by ETC Laboratories, report No. 02-745-12582.0, dated 11/07/03, signed and sealed by J. L. Doldan, PE.
3. Addendum to ETC 02-745-12582.0 dated 12/03/03, signed and sealed by J. L. Doldan PE.

C. CALCULATIONS

1. Anchoring Analysis of Plastic Glazed Tubular Skylight prepared by R. W. building Consultants, Inc, signed and sealed by L. F. Schmidt on 02/28/03.

D. QUALITY ASSURANCE

1. Miami-Dade Product Control Division.

E. MATERIAL CERTIFICATIONS

NONE

F. STATEMENTS

1. Code Compliance letter issued by Lyndon F. Schmidt, on 03/28/03, signed and Sealed by L. F. Schmidt, PE.
2. No Financial Interest letter issued by ODL Inc, on 03/17/03, signed by D. A. De Block and notarized on M. L. Query.


02/05/09
Candido F. Fent, P. E.
Senior Product Control Examiner
NOA No 03-0415.20
Expiration Date: February 5, 2009
Approval Date: February 5, 2004

LIMITATIONS AND CONDITIONS OF USE FOR NON-HVHZ:

Maximum Roof Panel Fastener Spacing : SEE LOAD TABLE

Minimum Roof Slope limitations: 3:12

Substrate Description: Min. 15/32" CDX Plywood (*Existing Construction*);

Substrate Attachment: 19/32" CDX Plywood (*New Construction*);
Designed by Florida P.E.

Vapor Barrier: 30 # Asphalt Saturated organic felt paper in
compliance with ASTM D226, Type I or Type II.

Fire Barrier: (Optional) 1/4" Georgia Pacific "Dens Deck", or 5/8"
water resistant type X gypsum sheathing with
treated core and facer, or manufacturer approved
equal.

DESIGN PROCEDURE:

Based on the dimensions of the structure, appropriate loads are determined using Chapter 16 of the FBC for roof cladding wind loads. These component wind loads for roof cladding are compared to the allowable negative pressure listed in the load tables. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure. Support framing including the decking must be in compliance with FBC Chapter 23 for wood and Chapter 16 for structural loading.

CERTIFICATE OF INDEPENDENCE: See upload attachments

AUTHORIZED REPRESENTATIVE:

Terrence E. Wolfe, P.E.
FL# 44923



JUN 07 2005

Reference: 9B-72.070(4), F.A.C

MANUFACTURER:

Gulf Coast MFG & Supply
4020 SW 449 Street
Horseshoe Beach, FL 32648

STATEMENT OF COMPLIANCE WITH THE FOLLOWING CODE CRITERIA:

Florida Building Code 2004:

Chapter 15: Roof Assemblies

Section 1504.3.2; 1505.3, 1507.4

Chapter 16: Structural Design

Chapter 22: Steel

Section 2209 Cold-form Steel

Chapter 23: Wood

Section 2304.7.2; 2308.10.7; 2308.10.8

PRODUCT DESCRIPTION:

5V Crimp Panel 26ga (.018") 24" wide, through fastened, non-structural metal panel over plywood decking.

TECHNICAL DOCUMENTATION SUPPORTING COMPLIANCE STATEMENT

A. LOAD TABLE OVER PLYWOOD

B. DRAWINGS

1. Erection Drawings, Detail sheets 5V-01 thru 5V-07, Florida Product Approval prepared by Force Engineering & Testing, Inc. and signed and sealed by Terrence E. Wolfe, P.E..

C. TESTS

1. Test reports by Force Engineering & Testing, Inc. for

a) UL 580-94, per FBC, Uplift Resistance of Roof Assemblies 5/15/2005

b) UL 1897-98, per FBC, Uplift Tests for Roof Covering Systems
5/15/2005

D. MATERIAL CERTIFICATIONS

1. United States Steel Corporation ASTM A792 AZ-55 Grade 80 Sheet
Coil, .018 min coated steel.

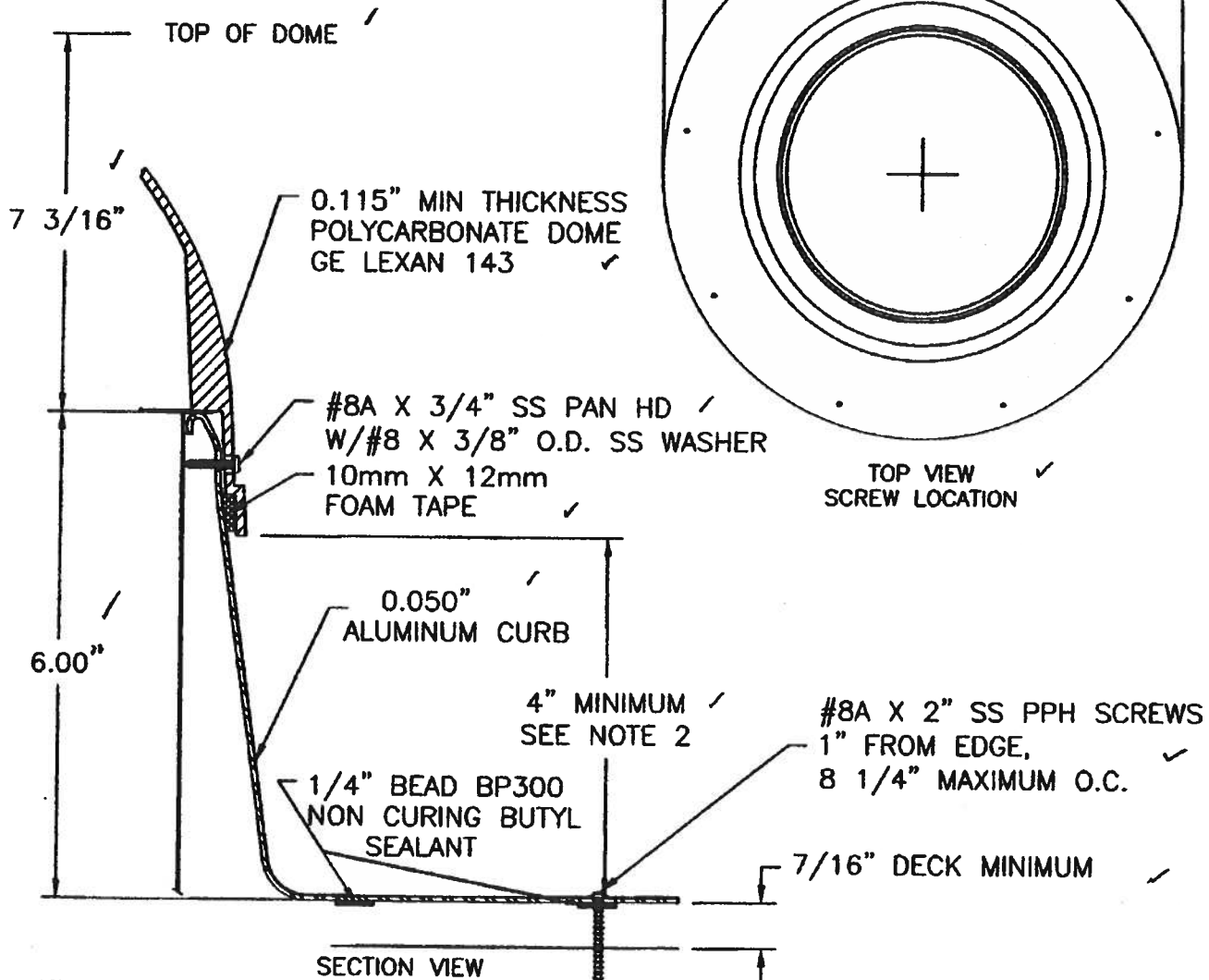
E. PANEL ANALYSIS @ 1'-0" O.C.

INSTALLATION REQUIREMENTS: See uploaded erection drawings

JUN 07 2005



MODEL EZ TUBULAR SKYLIGHTS	
MODEL	TUBE DIAMETER
EZ10SCP	10"
EZ14SCP	14"



NOTE:

1. ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE
2. 4" MINIMUM DISTANCE FROM DOME LIP TO ROOF SURFACE FOR SHINGLE & BUR W/O INSULATION. FOR INSULATION AND TILE ROOF; ADD THE TILE HEIGHT AND THE INSULATION THICKNESS TO 4".

DESIGN PRESSURE RATING	
± 100 PSF	
LARGE MISSILE IMPACT RESISTANT	

FOR BCCO USE	P.E. SEALED
Approved as complying with the Florida Building Code Date <u>02/05/04</u> NOAH <u>03-041500</u> Miami Dade Product Control Division By <u>[Signature]</u>	<u>[Signature]</u> 2.1.03 Lyndon F. Schmidt Florida P. E. No. 43409 18506 French Lake Drive Lutz, FL 33558

4953B	B	REV NOTES PER MDCBCCO	MSE	DOB	4/25/03
4953	A	RELEASE FOR PRODUCTION	MSE	DOB	4/25/03
REV	REV	DESCRIPTION	REV BY	DATE	DATE
215 EAST ROOSEVELT ZEELAND, MI 49464 616-772-9111					
DESCRIPTION:					
TUBULAR SKYLIGHT; SEVERE WEATHER					
MATERIAL:					
ALUMINUM CURB / PC DOME					
DRAWING NUMBER:	SHEET NUMBER:	DRAWING DATE:	REVISION DATE:		
18707-000	1 OF 1	1/27/03	1/27/03		



DUCT SYSTEM SUMMARY

Entire House

New Age Dimensions

Job: Cooper Residence
08/10/06

17600 S.E. 28th Court, Summerfield, FL 34491-7571 Phone: (352) 307-0692 Fax: (352) 307-9149 Email: www.NewAgeDimension@aol.com

Project Information

For: Browning Heating & A/C, LLC
17509 S.E. C.R. 234, Micanopy, FL 32667
Phone: (352) 258-3427

	HEATING	COOLING
External Static Pressure:	0.57 in H ₂ O	0.57 in H ₂ O
Pressure Losses:	0.12 in H ₂ O	0.12 in H ₂ O
Available Static Pressure:	0.45 in H ₂ O	0.45 in H ₂ O
Friction Rate:	0.880 in/100ft	0.880 in/100ft
Actual AVF:	1600 cfm	1600 cfm

Total Effective Length (TEL): 0 ft

Supply Branch Detail Table

Name	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trnk
Mud Room	1427	2318	52	103	0.880	525	6	0x 0	VIFx	st
Master Bathroom	2457	1412	90	63	0.880	657	5	0x 0	VIFx	st
Master Toilet	28	33	1	1	0.880	17	4	0x 0	VIFx	st
WIC His	786	257	29	11	0.880	328	4	0x 0	VIFx	st
WIC Hers	86	100	3	4	0.880	51	4	0x 0	VIFx	st
Master Bedroom-A	3224	2744	118	122	0.880	621	6	0x 0	VIFx	st
Master Bedroom	3224	2744	118	122	0.880	621	6	0x 0	VIFx	st
Kitchen / Nook-A	2932	3608	107	160	0.880	600	7	0x 0	VIFx	st
Kitchen / Nook	2932	3608	107	160	0.880	600	7	0x 0	VIFx	st
Dining Room	4477	3663	163	163	0.880	611	7	0x 0	VIFx	st
Foyer	3994	1636	146	73	0.880	545	7	0x 0	VIFx	st
Living Room-A	3561	3491	130	155	0.880	581	7	0x 0	VIFx	st
Living Room	3561	3491	130	155	0.880	581	7	0x 0	VIFx	st
Bedroom #2	4816	3477	176	155	0.880	657	7	0x 0	VIFx	st
Hall Bathroom	731	311	27	14	0.880	306	4	0x 0	VIFx	st
Bedroom #3	5634	3100	205	138	0.880	589	8	0x 0	VIFx	st

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st	Peak AVF	1600	1600	640	20	18 x 18 20"	ShtMetl	



wrightsoft

Right-Suite Residential™ 5.5.06 RSR28870

2006-Aug-11 02:57:25

C:\My Documents\Wrightsoft HVAC\Wrightsoft HVAC\Browning Htg. & AC LLC\Cooper Residence 1800 S.F..r

Page 1

Return Branch Detail Table

Name	Diffus Sz (in)	Design AVF (cfm)	Design (in H2O)	Design FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	20 x 20 23	742	0.00	0.880	694	14	0 x 0		VIFx	ra
rb2	16 x 16 14	358	0.00	0.880	656	10	0 x 0		VIFx	ra
rb3	20 x 20 21	683	0.00	0.880	639	14	0 x 0		VIFx	ra

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Sz (in)	Duct Material	Trunk
ra	Peak AVF	1600	1600	524	22	20 x 20 22	RectFbg	



RIGHT-J SHORT FORM Entire House

New Age Dimensions

Job: Cooper Residence
08/10/06

17600 S.E. 28th Court, Summerfield, FL 34491-7571 Phone: (352) 307-0692 Fax: (352) 307-9149 Email: www.NewAgeDimension@aol.com

Project Information

For: Browning Heating & A/C, LLC
17509 S.E. C.R. 234, Micanopy, FL 32667
Phone: (352) 258-3427

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	94	Method	Average
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	37	19	Fireplaces	
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	48		

HEATING EQUIPMENT

Make Ruud
Trade Ruud UPMC Series
UPMC-048JA

Efficiency 8.8 HSPF
Heating input
Heating output 47500 Btuh @ 47°F
Heating temperature rise 27 °F
Actual heating fan 1600 cfm
Heating air flow factor 0.036 cfm/Btuh

COOLING EQUIPMENT

Make Ruud
Trade Ruud UPMC Series
UPMC-048JA

UBHJ-24+RCBA-60**+RXCT-CHH
Efficiency 13.0 SEER
Sensible cooling 35872 Btuh
Latent cooling 15374 Btuh
Total cooling 51245 Btuh
Actual cooling fan 1600 cfm
Cooling air flow factor 0.044 cfm/Btuh

Space thermostat

Load sensible heat ratio 84 %

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Mud Room	134	1427	2318	52	103
Master Bathroom	120	2457	1412	90	63
Master Toilet	21	28	33	1	1
WIC His	44	786	257	29	11
WIC Hers	64	86	100	3	4
Master Bedroom	236	6448	5488	235	244
Kitchen / Nook	263	5864	7216	214	321
Dining Room	150	4477	3663	163	163
Foyer	55	3994	1636	146	73
Living Room	294	7121	6981	260	310
Bedroom #2	180	4816	3477	176	155
Hall Bathroom	60	731	311	27	14
Bedroom #3	180	5634	3100	205	138

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



Entire House	d	1800	43868	35992	1600	1600
Ventilation air			0	0		
Equip. @ 0.99 RSM				35632		
Latent cooling				6650		
TOTALS		1800	43868	42282	1600	1600

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



September 12, 2006

Columbia County Building & Zoning Department
Plan Review

Reference: Stewart Cooper Residence
Property ID # 00-0s-00-00612-037

Permit Application No.: 0608-94

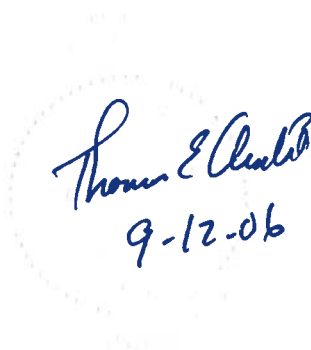
Subject: Bedroom Egress, Steel Door and Lintel Information.

Bedrooms #2 and #3 has block code size 25 which is for a window 37x63 inches, 6.12 sq. ft. clear opening. Sash raised clear opening width x height is 33-3/16x26-9/16 inches vs. 20 x 24 minimum. See attached BetterBilt Block Single Hung Opening Specs.

The 2868 metal door entry to the residence from the garage is a solid core steel door 1-3/4" thick.

All supporting lintels over doors and windows are 8 inch precast and prestressed concrete lintels from Cast-Crete. The garage door opening is prestressed 17'-4" length, 8F16-1B/1T, 950 lbs/lin.ft gravity, 404 lbs/ft uplift, 194 lbs/ft lateral. The 3 foot wide windows and side garage door will have a precast lintel 4'-6" length, 8F8-1B/1T, 2189 lbs/lin.ft gravity, 1207 lbs/ft uplift, 591 lb/ft lateral. The 4 foot wide window will have a precast lintel 5'-10" length, 8F8-1B/1T, 1451 lbs/lin.ft gravity, 909 lbs/ft uplift, 339 lb/ft lateral. The 10 foot Living Room double door opening will have a precast lintel 11'-4" length, 8F16-1B/1T, 1366 lbs/lin.ft gravity, 798 lbs/ft uplift, 452 lbs/ft lateral. The 6 foot Master Bedroom double door opening and the twin 25 SH in Dining will have a precast lintel 7'-6" length, 8F16-1B/1T, 2661 lbs/lin.ft gravity, 1634 lbs/ft uplift, 534 lbs/ft lateral. The 5 foot Front Entry opening and the 5 foot Master Bedroom Transom will have a precast lintel 6'-6" length, 8F16-1B/1T, 3480 lbs/lin.ft gravity, 1880 lbs/ft uplift, 721 lbs/ft lateral.

If I can be of any further assistance, feel free to contact me via my cell phone 352.214.7300.



Thomas E. Audit
9-12-06

Thomas E. Audit
Florida Professional Engineer
License No. 31419
4300 NW 23rd Ave, PMB 362
Gainesville, Fl. 32614-7050

740 Aluminum Single Hung Window

SINGLE HUNG OPENING SPECIFICATIONS

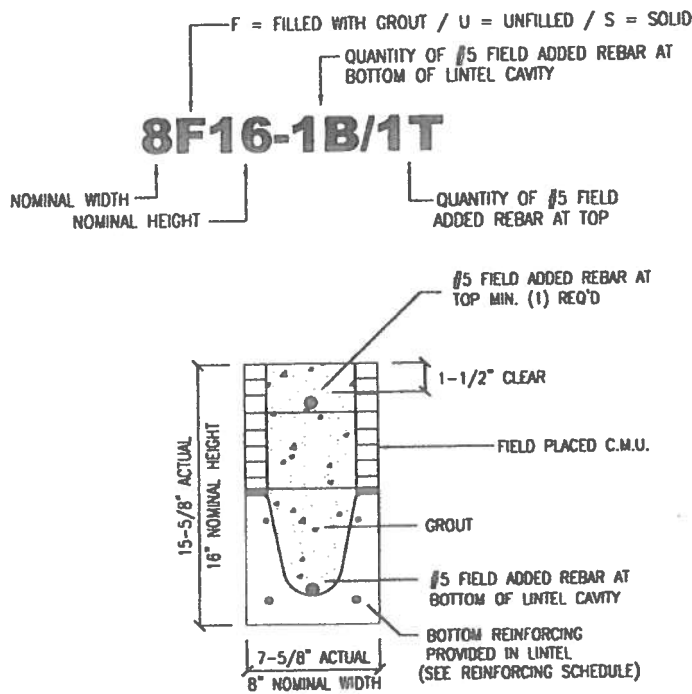
CODE SIZE	ACTUAL WINDOW SIZE	SASH RAISED Clear Opening Sq. Ft.	SASH RAISED Clear Opening Width x Height	VISIBLE LIGHT Sq. Ft.	SCREEN SIZE Overall Size	TOP GLASS SIZE Width x Height	BTM GLASS SIZE Width x Height
2030	23-1/4 x 35-1/4	1.93	20-1/2 x 13-9/16	4.19	21-1/8 x 17-7/16	21 x 15-3/4	21 x 15-3/4
2040	23-1/4 x 47-1/4	2.78	20-1/2 x 19-9/16	5.87	21-1/8 x 23-7/16	21 x 21-3/4	21 x 21-3/4
2044	23-1/4 x 51-1/4	3.07	20-1/2 x 21-9/16	6.43	21-1/8 x 25-7/16	21 x 23-3/4	21 x 23-3/4
2050	23-1/4 x 59-1/4	3.63	20-1/2 x 25-9/16	7.55	21-1/8 x 29-7/16	21 x 27-3/4	21 x 27-3/4
2060	23-1/4 x 71-1/4	4.36	20-1/2 x 30-11/16	9.24	21-1/8 x 35-7/16	21 x 33-3/4	21 x 33-3/4
2060 Oriel	23-1/4 x 71-1/4	3.59	20-1/2 x 25-9/16	9.24	21-1/8 x 29-7/16	21 x 27-3/4	21 x 27-3/4
2070 Oriel w/5-0 Sash	23-1/4 x 83-1/4	3.63	20-1/2 x 25-9/16	10.90	21-1/8 x 29-7/16	21 x 51-3/4	21 x 27-3/4
2070 Oriel w/6-0 Sash	23-1/4 x 83-1/4	4.36	20-1/2 x 30-11/16	10.90	21-1/8 x 35-7/16	21 x 45-3/4	21 x 33-3/4
2430	27-1/4 x 35-1/4	2.31	24-1/2 x 13-9/16	5.02	25-1/8 x 17-7/16	25 x 15-3/4	25 x 15-3/4
2440	27-1/4 x 47-1/4	3.33	24-1/2 x 19-9/16	7.03	25-1/8 x 23-7/16	25 x 21-3/4	25 x 21-3/4
2444	27-1/4 x 51-1/4	3.67	24-1/2 x 21-9/16	7.71	25-1/8 x 25-7/16	25 x 23-3/4	25 x 23-3/4
2450	27-1/4 x 59-1/4	4.34	24-1/2 x 25-9/16	9.05	25-1/8 x 29-7/16	25 x 27-3/4	25 x 27-3/4
2460	27-1/4 x 71-1/4	5.22	24-1/2 x 30-11/16	11.06	25-1/8 x 35-7/16	25 x 33-3/4	25 x 33-3/4
2460 Oriel	27-1/4 x 71-1/4	4.30	24-1/2 x 25-9/16	11.06	25-1/8 x 29-7/16	25 x 27-3/4	25 x 27-3/4
2470 Oriel w/5-0 Sash	27-1/4 x 83-1/4	4.34	24-1/2 x 25-9/16	13.07	25-1/8 x 29-7/16	25 x 51-3/4	25 x 27-3/4
2470 Oriel w/6-0 Sash	27-1/4 x 83-1/4	5.22	24-1/2 x 30-11/16	13.07	25-1/8 x 35-7/16	25 x 45-3/4	25 x 33-3/4
2630	29-1/4 x 35-1/4	2.50	26-1/2 x 13-9/16	5.43	27-1/8 x 17-7/16	27 x 15-3/4	27 x 15-3/4
2640	29-1/4 x 47-1/4	3.60	26-1/2 x 19-9/16	7.62	27-1/8 x 23-7/16	27 x 21-3/4	27 x 21-3/4
2644	29-1/4 x 51-1/4	3.97	26-1/2 x 21-9/16	8.34	27-1/8 x 25-7/16	27 x 23-3/4	27 x 23-3/4
2650	29-1/4 x 59-1/4	4.70	26-1/2 x 25-9/16	9.80	27-1/8 x 29-7/16	27 x 27-3/4	27 x 27-3/4
2660	29-1/4 x 71-1/4	5.64	26-1/2 x 30-11/16	11.98	27-1/8 x 35-7/16	27 x 33-3/4	27 x 33-3/4
2660 Oriel	29-1/4 x 71-1/4	4.65	26-1/2 x 25-9/16	11.98	27-1/8 x 29-7/16	27 x 27-3/4	27 x 27-3/4
2670 Oriel w/5-0 Sash	29-1/4 x 83-1/4	4.70	26-1/2 x 25-9/16	14.15	27-1/8 x 29-7/16	27 x 51-3/4	27 x 27-3/4
2670 Oriel w/6-0 Sash	29-1/4 x 83-1/4	5.64	26-1/2 x 30-11/16	14.15	27-1/8 x 35-7/16	27 x 45-3/4	27 x 33-3/4
2830	31-1/4 x 35-1/4	2.68	28-1/2 x 13-9/16	5.85	29-1/8 x 17-7/16	29 x 15-3/4	29 x 15-3/4
2840	31-1/4 x 47-1/4	3.87	28-1/2 x 19-9/16	8.20	29-1/8 x 23-7/16	29 x 21-3/4	29 x 21-3/4
2844	31-1/4 x 51-1/4	4.26	28-1/2 x 21-9/16	8.98	29-1/8 x 25-7/16	29 x 23-3/4	29 x 23-3/4
2850	31-1/4 x 59-1/4	5.06	28-1/2 x 25-9/16	10.55	29-1/8 x 29-7/16	29 x 27-3/4	29 x 27-3/4
2860	31-1/4 x 71-1/4	6.07	28-1/2 x 30-11/16	12.89	29-1/8 x 35-7/16	29 x 33-3/4	29 x 33-3/4
2860 Oriel	31-1/4 x 71-1/4	5.00	28-1/2 x 25-9/16	12.89	29-1/8 x 29-7/16	29 x 27-3/4	29 x 27-3/4
2870 Oriel w/5-0 Sash	31-1/4 x 83-1/4	5.06	28-1/2 x 25-9/16	15.23	29-1/8 x 29-7/16	29 x 51-3/4	29 x 27-3/4
2870 Oriel w/6-0 Sash	31-1/4 x 83-1/4	6.07	28-1/2 x 30-11/16	15.23	29-1/8 x 35-7/16	29 x 45-3/4	29 x 33-3/4
3030	35-1/4 x 35-1/4	3.06	32-1/2 x 13-9/16	6.68	33-1/8 x 17-7/16	33 x 15-3/4	33 x 15-3/4
3040	35-1/4 x 47-1/4	4.42	32-1/2 x 19-9/16	9.36	33-1/8 x 23-7/16	33 x 21-3/4	33 x 21-3/4
3044	35-1/4 x 51-1/4	4.86	32-1/2 x 21-9/16	10.25	33-1/8 x 25-7/16	33 x 23-3/4	33 x 23-3/4
3050	35-1/4 x 59-1/4	5.76	32-1/2 x 25-9/16	12.04	33-1/8 x 29-7/16	33 x 27-3/4	33 x 27-3/4
3060	35-1/4 x 71-1/4	6.93	32-1/2 x 30-11/16	14.72	33-1/8 x 35-7/16	33 x 33-3/4	33 x 33-3/4
3060 Oriel	35-1/4 x 71-1/4	5.70	32-1/2 x 25-9/16	14.72	33-1/8 x 29-7/16	33 x 27-3/4	33 x 27-3/4
3070 Oriel w/5-0 Sash	35-1/4 x 83-1/4	5.76	32-1/2 x 25-9/16	17.41	33-1/8 x 29-7/16	33 x 51-3/4	33 x 27-3/4
3070 Oriel w/6-0 Sash	35-1/4 x 83-1/4	6.93	32-1/2 x 30-11/16	17.41	33-1/8 x 35-7/16	33 x 45-3/4	33 x 33-3/4
3430	39-1/4 x 35-1/4	3.44	36-1/2 x 13-9/16	7.51	37-1/8 x 17-7/16	37 x 15-3/4	37 x 15-3/4
3440	39-1/4 x 47-1/4	4.96	36-1/2 x 19-9/16	10.52	37-1/8 x 23-7/16	37 x 21-3/4	37 x 21-3/4
3444	39-1/4 x 51-1/4	5.46	36-1/2 x 21-9/16	11.53	37-1/8 x 25-7/16	37 x 23-3/4	37 x 23-3/4
3450	39-1/4 x 59-1/4	6.47	36-1/2 x 25-9/16	13.54	37-1/8 x 29-7/16	37 x 27-3/4	37 x 27-3/4
3460	39-1/4 x 71-1/4	7.77	36-1/2 x 30-11/16	16.55	37-1/8 x 35-7/16	37 x 33-3/4	37 x 33-3/4
3460 Oriel	39-1/4 x 71-1/4	6.40	36-1/2 x 25-9/16	16.55	37-1/8 x 29-7/16	37 x 27-3/4	37 x 27-3/4
3470 Oriel w/5-0 Sash	39-1/4 x 83-1/4	6.47	36-1/2 x 25-9/16	19.57	37-1/8 x 29-7/16	37 x 51-3/4	37 x 27-3/4
3470 Oriel w/6-0 Sash	39-1/4 x 83-1/4	7.77	36-1/2 x 30-11/16	19.57	37-1/8 x 35-7/16	37 x 45-3/4	37 x 33-3/4
3830	43-1/4 x 35-1/4	3.81	40-1/2 x 13-9/16	8.34	41-1/8 x 17-7/16	41 x 15-3/4	41 x 15-3/4
3840	43-1/4 x 47-1/4	5.50	40-1/2 x 19-9/16	11.69	41-1/8 x 23-7/16	41 x 21-3/4	41 x 21-3/4
3844	43-1/4 x 51-1/4	6.06	40-1/2 x 21-9/16	12.80	41-1/8 x 25-7/16	41 x 23-3/4	41 x 23-3/4
3850	43-1/4 x 59-1/4	6.94	40-1/2 x 25-9/16	15.04	41-1/8 x 29-7/16	41 x 27-3/4	41 x 27-3/4
3860	43-1/4 x 71-1/4	8.63	40-1/2 x 30-11/16	18.38	41-1/8 x 35-7/16	41 x 33-3/4	41 x 33-3/4
3860 Oriel	43-1/4 x 71-1/4	7.11	40-1/2 x 25-9/16	18.38	41-1/8 x 29-7/16	41 x 27-3/4	41 x 27-3/4
3870 Oriel w/5-0 Sash	43-1/4 x 83-1/4	6.94	40-1/2 x 25-9/16	21.73	41-1/8 x 29-7/16	41 x 51-3/4	41 x 27-3/4
3870 Oriel w/6-0 Sash	43-1/4 x 83-1/4	8.63	40-1/2 x 30-11/16	21.73	41-1/8 x 35-7/16	41 x 45-3/4	41 x 33-3/4
4030	47-1/4 x 35-1/4	4.19	44-1/2 x 13-9/16	9.17	45-1/8 x 17-7/16	45 x 15-3/4	45 x 15-3/4
4040	47-1/4 x 47-1/4	6.05	44-1/2 x 19-9/16	12.85	45-1/8 x 23-7/16	45 x 21-3/4	45 x 21-3/4
4044	47-1/4 x 51-1/4	6.66	44-1/2 x 21-9/16	14.08	45-1/8 x 25-7/16	45 x 23-3/4	45 x 23-3/4
4050	47-1/4 x 59-1/4	7.89	44-1/2 x 25-9/16	16.53	45-1/8 x 29-7/16	45 x 27-3/4	45 x 27-3/4
4060	47-1/4 x 71-1/4	9.48	44-1/2 x 30-11/16	20.21	45-1/8 x 35-7/16	45 x 33-3/4	45 x 33-3/4
4060 Oriel	47-1/4 x 71-1/4	7.81	44-1/2 x 25-9/16	20.21	45-1/8 x 29-7/16	45 x 27-3/4	45 x 27-3/4
4070 Oriel w/5-0 Sash	47-1/4 x 83-1/4	7.89	44-1/2 x 25-9/16	23.90	45-1/8 x 29-7/16	45 x 51-3/4	45 x 27-3/4
4070 Oriel w/6-0 Sash	47-1/4 x 83-1/4	9.48	44-1/2 x 30-11/16	23.90	45-1/8 x 35-7/16	45 x 45-3/4	45 x 33-3/4

BLOCK SINGLE HUNG OPENING SPECIFICATIONS

CODE SIZE	TIP-TO-TIP WINDOW SIZE	SASH RAISED Clear Opening Sq. Ft.	SASH RAISED Clear Opening Width x Height	VISIBLE LIGHT Sq. Ft.	SCREEN SIZE Overall Size	TOP GLASS SIZE Width x Height	BTM GLASS SIZE Width x Height
12	19-1/8 x 26	0.85	15-5/16 x 8	2.05	16 x 12-5/16	15-7/8 x 10-5/8	15-7/8 x 10-5/8
13	19-1/8 x 38-3/8	1.51	15-5/16 x 14-3/16	3.35	16 x 18-1/2	15-7/8 x 16-13/16	15-7/8 x 16-13/16
14	19-1/8 x 50-5/8	2.18	15-5/16 x 20-1/2	4.63	16 x 24-5/8	15-7/8 x 22-15/16	15-7/8 x 22-15/16
15	19-1/8 x 63	2.82	15-5/16 x 26-9/16	5.92	16 x 30-13/16	15-7/8 x 29-1/8	15-7/8 x 29-1/8
16 Equal	19-1/8 x 72-1/4	3.31	15-5/16 x 31-1/8	6.89	16 x 35-7/16	15-7/8 x 33-3/4	15-7/8 x 33-3/4
16 Oriel	19-1/8 x 72-1/4	2.31	15-5/16 x 21-11/16	6.89	16 x 30-13/16	15-7/8 x 38-3/8	15-7/8 x 29-1/8
1/2 32	26-1/2 x 26	1.26	22-11/16 x 8	3.06	23-3/8 x 12-5/16	23-1/4 x 10-5/8	23-1/4 x 10-5/8
1/2 33	26-1/2 x 38-3/8	2.24	22-11/16 x 14-3/16	4.99	23-3/8 x 18-1/2	23-1/4 x 16-13/16	23-1/4 x 16-13/16
1/2 34	26-1/2 x 50-5/8	3.23	22-11/16 x 20-1/2	6.89	23-3/8 x 24-5/8	23-1/4 x 22-15/16	23-1/4 x 22-15/16
1/2 35	26-1/2 x 63	4.18	22-11/16 x 26-9/16	8.82	23-3/8 x 30-13/16	23-1/4 x 29-1/8	23-1/4 x 29-1/8
1/2 36 Equal	26-1/2 x 72-1/4	4.90	22-11/16 x 31-1/8	10.26	23-3/8 x 35-7/16	23-1/4 x 33-3/4	23-1/4 x 33-3/4
1/2 36 Oriel	26-1/2 x 72-1/4	4.05	22-11/16 x 25-11/16	10.26	23-3/8 x 30-13/16	23-1/4 x 38-3/8	23-1/4 x 29-1/8
22	37 x 26	1.84	33-3/16 x 8	4.49	33-7/8 x 12-5/16	33-3/4 x 10-5/8	33-3/4 x 10-5/8
23	37 x 38-3/8	3.27	33-3/16 x 14-3/16	7.32	33-7/8 x 18-1/2	33-3/4 x 16-13/16	33-3/4 x 16-13/16
24	37 x 50-5/8	4.72	33-3/16 x 20-1/2	10.12	33-7/8 x 24-5/8	33-3/4 x 22-15/16	33-3/4 x 22-15/16
245	37 x 56-1/4	5.43	33-3/16 x 23-9/16	11.41	33-7/8 x 27-7/16	33-3/4 x 25-3/4	33-3/4 x 25-3/4
25	37 x 63	6.12	33-3/16 x 26-9/16	12.95	33-7/8 x 30-13/16	33-3/4 x 29-1/8	33-3/4 x 29-1/8
256 Equal	37 x 66-1/4	6.58	33-3/16 x 28-9/16	13.67	33-7/8 x 32-7/16	33-3/4 x 30-3/4	33-3/4 x 30-3/4
26 Equal	37 x 72-1/4	7.17	33-3/16 x 31-1/8	15.07	33-7/8 x 35-7/16	33-3/4 x 33-3/4	33-3/4 x 33-3/4
26 Oriel	37 x 72-1/4	5.92	33-3/16 x 25-11/16	15.07	33-7/8 x 30-13/16	33-3/4 x 38-3/8	33-3/4 x 29-1/8
27 Oriel	37 x 84	5.92	33-3/16 x 25-11/16	17.76	33-7/8 x 30-13/16	33-3/4 x 50-1/8	33-3/4 x 29-1/8
32	53-1/8 x 26	2.74	49-5/16 x 8	6.69	50 x 12-5/16	49-7/8 x 10-5/8	49-7/8 x 10-5/8
33	53-1/8 x 38-3/8	4.86	49-5/16 x 14-3/16	10.90	50 x 18-1/2	49-7/8 x 16-13/16	49-7/8 x 16-13/16
34	53-1/8 x 50-5/8	7.02	49-5/16 x 20-1/2	15.08	50 x 24-5/8	49-7/8 x 22-15/16	49-7/8 x 22-15/16
345	53-1/8 x 56-1/4	8.07	49-5/16 x 23-9/16	16.99	50 x 27-7/16	49-7/8 x 25-3/4	49-7/8 x 25-3/4
35	53-1/8 x 63	9.10	49-5/16 x 26-9/16	19.29	50 x 30-13/16	49-7/8 x 29-1/8	49-7/8 x 29-1/8
356 Equal	53-1/8 x 66-1/4	9.78	49-5/16 x 28-9/16	20.78	50 x 32-7/16	49-7/8 x 30-3/4	49-7/8 x 30-3/4
36 Equal	53-1/8 x 72-1/4	10.66	49-5/16 x 31-1/8	22.44	50 x 35-7/16	49-7/8 x 33-3/4	49-7/8 x 33-3/4
36 Oriel	53-1/8 x 72-1/4	8.80	49-5/16 x 25-11/16	22.44	50 x 30-13/16	49-7/8 x 38-3/8	49-7/8 x 29-1/8

HOW TO READ SAFE LOAD TABLES

TYPE DESIGNATION

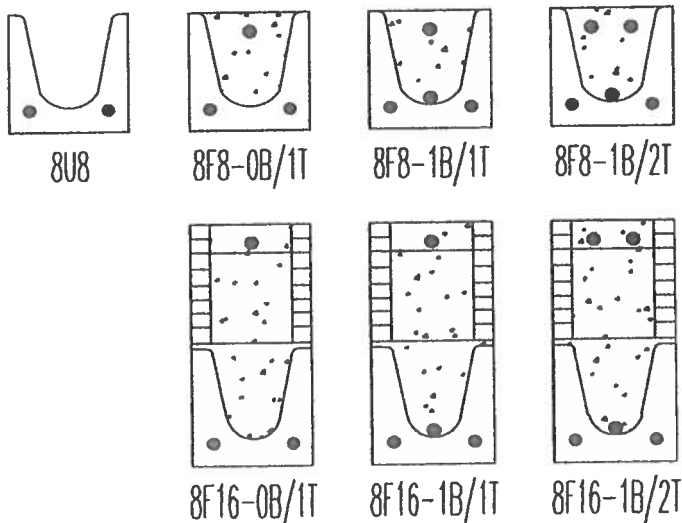


For a 5'-10 overall length lintel type 8F16-1B/1T:
 Safe superimposed gravity load = 4360 PLF
 Safe superimposed uplift load = 2093 PLF
 Safe superimposed lateral load = 339 PLF

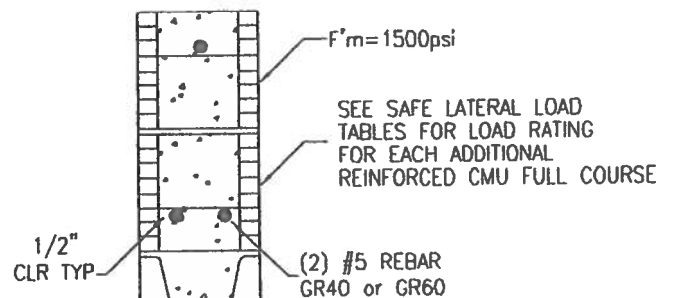
CAST-IN-PLACE		GRAVITY			
LENGTH"	TYPE	8U8	8F8 0B	8F12 0B	8F16 0B
			8F8 1B	8F12 1B	8F16 1B
2'-10" (34")	PRECAST	2231	3069	4605	6113
3'-6" (42")	PRECAST	2231	3069	4605	6113
4'-0" (48")	PRECAST	1966	2561	2751	3820
4'-6" (54")	PRECAST	1599	2693	4605	6113
5'-4" (64")	PRECAST	1217	1969	2110	2931
5'-10" (70")	PRECAST	1062	2189	4375	6113
6'-6" (78")	PRECAST	908	1349	1438	1999
			1663	3090	5365
			1105	1173	1631
			1451	2622	4360
			1238	2177	3480
			1238	2177	3480

CAST-IN-PLACE		UPLIFT			LATERAL		
LENGTH"	TYPE	8F8 1T	8F12 1T	8F16 1T	8U8	8F8	REIN. C.M.U.
		8F8 2T	8F12 2T	8F16 2T			
2'-10" (34")	PRECAST	1977	3173	4460	1293	1642	2135
3'-6" (42")	PRECAST	1977	3173	4460	1025	1024	1830
4'-0" (48")	PRECAST	1569	2524	3517	765	763	1365
4'-6" (54")	PRECAST	1569	2524	3517	592	591	1057
5'-4" (64")	PRECAST	1363	2192	3079	411	411	734
5'-10" (70")	PRECAST	1363	2192	3079	340	339	607
6'-6" (78")	PRECAST	1207	1940	2724	507	721	483
		1207	1940	2724			
		1016	1637	2290			
		1016	1637	2290			
		909	1492	2093			
		929	1492	2093			
		835 1/2T	1340	1880			
		835	1340	1880			

EXAMPLE COMPOSITE LINTEL TYPES



REINFORCED CMU



Note: See Safe Load Table Notes #5 for Application

8 INCH LINTEL

SAFE LOADS (LBS/FT)

CAST-CONCRETE			GRAVITY						
LENGTH*	TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10" (34")	PRECAST	2231	3069	4605	6113	7547	8974	10394	11809
			3069	4605	6113	7547	8974	10394	11809
3'-6" (42")	PRECAST	2231	3069	3719	5163	6607	8054	9502	10951
			3069	4605	6113	7547	8974	10394	11809
4'-0" (48")	PRECAST	1966	2561	2751	3820	4890	5961	7034	8107
			2693	4605	6113	7547	8974	10394	11809
4'-6" (54")	PRECAST	1599	1969	2110	2931	3753	4576	5400	6224
			2189	4375	6113	7547 (7)	8672	10294	11809
5'-4" (64")	PRECAST	1217	1349	1438	1999	2560	3123	3686	4249
			1663	3090	5365	7547 (36)	7342 (19)	8733 (19)	10127 (19)
5'-10" (70")	PRECAST	1062	1105	1173	1631	2090	2549	3009	3470
			1451	2622	4360	7168 (45)	6036 (19)	7181 (19)	8328 (20)
6'-6" (78")	PRECAST	908	1238	2177	3480	3031	3707	4383	5061
			1238	2177	3480	5381	8360	10394 (37)	8825 (14)
7'-6" (90")	PRECAST	743	1011	1729	2632	2205	2698	3191	3685
			1011	1729	2661	3898	5681	8467 (44)	6472 (15)
9'-4" (112")	PRECAST	554	699	1160	1625	2564	3486	2818	3302
			752	1245	1843	2564	3486	4705 (37)	6390 (47)
10'-6" (126")	PRECAST	475	535	890	1247	2093	2777	2163	2536
			643	1052	1533	2093	2781	3643 (38)	4754 (45)
11'-4" (136")	PRECAST	362	582	945	1366	1846	2423	3127	4006
			582	945	1366	1846	2423	3127	4006
12'-0" (144")	PRECAST	337	540	873	1254	1684	2193	2805	3552
			540	873	1254	1684	2193	2805	3552
13'-4" (160")	PRECAST	296	471	755	1075	1428	1838	2316	2883
			471	755	1075	1428	1838	2316	2883
14'-0" (168")	PRECAST	279	424	706	1002	1326	1697	2127	2630
			442	706	1002	1326	1697	2127	2630
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			458	783	1370	1902	2245	2517	2712
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			412	710	1250	1733	2058	2320	2513
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			300	548	950	1326	1609	1849	2047
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			235	420	750	1037	1282	1515	1716
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			180	340	598	845	1114	1359	1468
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			165	315	550	784	1047	1285	1399
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			129	250	450	654	884	1092	1222

SAFE LOADS

LBS/FT

		UPLIFT						LATERAL			
LENGTH*	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8U8	8F8	REIN. CMU**
		8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T			
2'-10" (34")	PRECAST	1972	3173	4460	5747	7034	8321	9608	1293	1642	2135
		1972	3173	4460	5747	7034	8321	9608			
3'-6" (42")	PRECAST	1569	2524	3547	4569	5591	6613	7636	1025	1024	1830
		1569	2524	3547	4569	5591	6613	7636			
4'-0" (48")	PRECAST	1363	2192	3079	3966	4853	5740	6627	765	763	1365
		1363	2192	3079	3966	4853	5740	6627			
4'-6" (54")	PRECAST	1207	1940	2724	3508	4292	5077	5861	592	591	1057
		1207	1940	2724	3508	4292	5077	5861			
5'-4" (64")	PRECAST	1016	1632	2290	2949	3607	4265	4924	411	411	734
		1016	1632	2290	2949	3607	4265	4924			
5'-10" (70")	PRECAST	909	1492	2093	2694	3295	3897	4498	340	339	607
		929	1492	2093	2694	3295	3897	4498			
6'-6" (78")	PRECAST	835 (12)	1340	1880	2419	2959	3498	4038	507	721	483
		835	1340	1880	2419	2959	3498	4038			
7'-6" (90")	PRECAST	727 (23)	1021	1634 (12)	2102 (11)	2571 (10)	3039 (10)	3508 (9)	424	534	357
		727	1166	1634	2102	2571	3039	3508			
9'-4" (112")	PRECAST	591	680	1133 (15)	1471 (15)	1811 (15)	2152 (16)	2494 (15)	326	512	227
		591	851	1326	1705	2084	2463	2842			
10'-6" (126")	PRECAST	530	552	914 (15)	1185 (15)	1458 (15)	1732 (15)	2007 (15)	284	401	178
		530	686	1183	1526	1865	2204	2544			
11'-4" (136")	PRECAST	474	485	798 (15)	1034 (15)	1272 (15)	1510 (15)	1749 (15)	260	452	152
		494	599	1028	1422	1738	2053	2369			
12'-0" (144")	PRECAST	470 (9)	441	723 (14)	936 (14)	1151 (15)	1366 (15)	1582 (15)	244	402	135
		470	543	928	1349	1649	1948	2247			
13'-4" (160")	PRECAST	418 (15)	373	606 (14)	783 (14)	962 (14)	1141 (14)	1321 (14)	217	324	109
		428	455	770	1145	1444	1718	1993			
14'-0" (168")	PRECAST	384 (15)	346	559 (14)	723 (14)	887 (14)	1052 (14)	1218 (14)	205	293	98
		410	420	709	1050	1434 (8)	1694 (8)	1954 (7)			
14'-8" (176")	PRESTRESSED	239	323	519 (13)	671 (13)	823 (13)	976 (14)	1129 (14)	N.R.	284	89
		246	390	655	968	1324 (8)	1625 (11)	1874 (11)			
15'-4" (184")	PRESTRESSED	224	302	485 (13)	626 (13)	767 (13)	909 (13)	1052 (13)	N.R.	259	82
		230	364	609	897	1224 (8)	1562 (14)	1801 (14)			
17'-4" (208")	PRESTRESSED	187	255	404 (12)	520 (12)	637 (12)	754 (12)	872 (12)	N.R.	194	63
		192	303	500	732	993 (8)	1268 (14)	1470 (14)			
19'-4" (232")	PRESTRESSED	162	222	347 (11)	446 (11)	546 (12)	646 (12)	746 (12)	N.R.	148	51
		166	261	424	616	831 (8)	1057 (14)	1225 (14)			
21'-4" (256")	PRESTRESSED	142	198	306 (11)	393 (11)	480 (11)	567 (11)	654 (11)	N.R.	125	42
		142	230	369	531	713 (7)	903 (13)	1046 (13)			
22'-0" (264")	PRESTRESSED	137	192	295 (10)	378 (11)	461 (10)	545 (11)	629 (11)	N.R.	116	39
		137	221	354	508	681 (7)	861 (13)	997 (13)			
24'-0" (288")	PRESTRESSED	124	175	267 (10)	341 (10)	416 (10)	491 (10)	566 (10)	N.R.	91	33
		124	200	316	450	600 (7)	756 (12)	875 (13)			

* LENGTH = OVERALL LENGTH OF LINTEL

(X) = SEE SAFE LOAD TABLE NOTES #12

** - SEE SAFE LOAD TABLE NOTES #5

UNIVERSAL

ENGINEERING SCIENCES

**Consultants In: Geotechnical Engineering •
Environmental Sciences • Construction Materials Testing**

REPORT ON IN-PLACE DENSITY TESTS

4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

Permit # 000024967

CLIENT: COOPER ENT.

PROJECT: STEWART COOPER RSS

493 S.W. DALLAS TERR. FORT WHITE COLUMBIA CO.

AREA TESTED: Fill & prop-Bldg. P20 & FOUND.

COURSE: F12

DEPTH OF TEST: 0-1'

TYPE OF TEST: D-2922

DATE TESTED: 9-25-06

NOTE: The below tests ~~DO NOT~~ meet the minimum 95 % compaction requirements of maximum density.

REMARKS:

[illegible]

TECH. Se

#24967



13618 NW 270th Ave.

Alachua, FL 32615

(386) 418-4387

CERTIFICATE OF COMPLIANCE FOR TERMITE PROTECTION

(As required by Florida Building Code (FBC) 1816.1.7)

Address of treatment or lot/block of treatment:

493 SW Dallas Terr Ft White, FL 32038

Describe method of termite prevention treatment:

Trench & Treat around structure

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws, established by the Florida Department of Agriculture and Consumer Services.

A handwritten signature in blue ink, appearing to read 'D. H. H.', is written over a horizontal line.

Authorized Signature

NOTICE OF INSPECTION AND/OR TREATMENT

24967

Date of Inspection

9/25/06

Date of Treatment

Cyber T.C. 295gal/02590

Pesticide Used

Sub-Termite S

Wood-Destroying Organisms Treated

It is a violation of Florida State Law (Chap. 482-226)
for anyone other than the property owner
to remove this notice.

- Lawn Spraying
- Household Pest Control
- Tree & Shrub Spraying
- Termite Control



Pest Control, Inc.

13618 NW 270th Ave.

Alachua, FL 32615

Call: 386-418-4387

for a free inspection & estimate

COLUMBIA COUNTY OFFICE OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 36-6S-15-00612-037

Building permit No. 000024967

Use Classification SFD, UTILITY

Fire: 27.90

Permit Holder COOPER ENTERPRISES

Waste: 83.75

Owner of Building STEWART COOPER

Total: 111.65

Location: 493 SW DALLAS TERR, FT. WHITE, FL

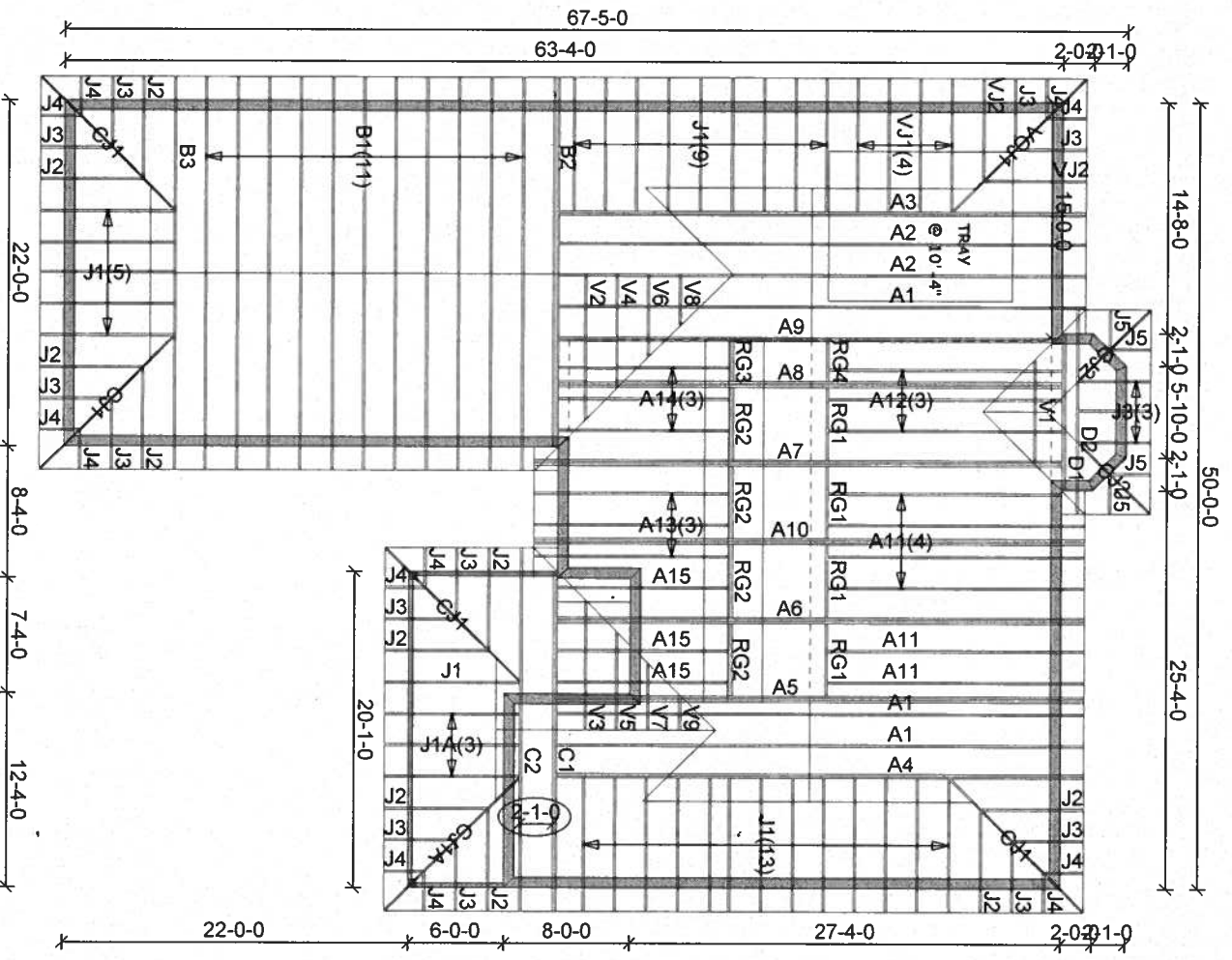
Date: 05/08/2007

Building Inspector

Alan Prince

POST IN A CONSPICUOUS PLACE
(Business Places Only)





Mayo Truss Co. Inc.

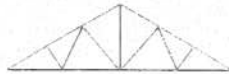
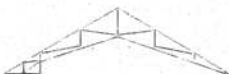
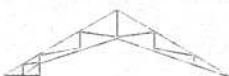
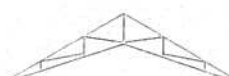
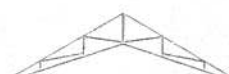
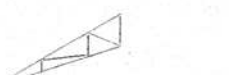
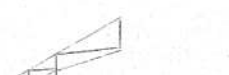
845 East US 27
 MAYO, FL 32066
 (386)294-3988
 (877)-558-6262

STEWART COOPER

110 MPH ASCE WIND LOAD (FBC2004)

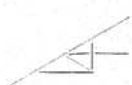
Roof Loading
 TC Live: 20.00 psf
 TC Dead: 10.00 psf
 BC Live: 0.00 psf
 BC Dead: 10.00 psf
 TC Stress Inc: 25.00
 BC Stress Inc: 25.00
 Spacing: 2-0-0 o.c.

Account: INDIVIDUAL
 Job: STEWARTCOOPER
 Designer: A. HIGHSMITH
 Checker: M. MURRAY
 Date: 08-29-06

Qty	Plys	Truss Type	Mark	R e a c t i o n s			Sketch
				Horizontal	Vertical	Uplift	
3	1	TR	STEWARTCOOPER/ A1	193 193	1280 1376	170 187	
2	1	SP	STEWARTCOOPER/ A2	194 194	1279 1375	170 187	
1	2	SP	STEWARTCOOPER/ A3	140 66	2750 2781	369 373	
1	2	HHIP	STEWARTCOOPER/ A4	139 65	2750 2781	369 373	
1	3	SP	STEWARTCOOPER/ A5	193 193	2705 1682	466 217	
1	3	SP	STEWARTCOOPER/ A6	193 193	3889 2230	624 290	
1	3	SCIS	STEWARTCOOPER/ A7	194 194	3367 2752	452 366	
1	3	SCIS	STEWARTCOOPER/ A8	194 194	2822 2420	376 322	
1	2	SCIS	STEWARTCOOPER/ A9	194 194	1827 1684	243 224	
1	3	SCIS	STEWARTCOOPER/ A10	195 194	3367 2848	452 383	
6	1	HFS2	STEWARTCOOPER/ A11	177 238	690 595	54 121	
3	1	HFS2	STEWARTCOOPER/ A12	177 238	594 595	37 121	
3	1	SP	STEWARTCOOPER/ A13	128 173	529 433	42 89	
3	1	SP	STEWARTCOOPER/ A14	128 173	433 433	25 89	
3	1	SP	STEWARTCOOPER/ A15	128 172	830 120	199 12	
11	1	TR	STEWARTCOOPER/ B1	130 130	976 976	134 134	
1	3	TR	STEWARTCOOPER/ B2	129 129	6250 8859	836 1180	

		Truss Type	Mark	R e a c t i o n s			Sketch
Qty	Plys			Horizontal	Vertical	Uplift	
1	1	DDHI	STEWARTCOOPER/ B3	81 81	1932 1932	263 263	
1	2	TR	STEWARTCOOPER/ C1	117 117	86 5160 2130	31 694 285	
1	1	DDHI	STEWARTCOOPER/ C2	81 81	266 2481 771	29 350 100	
4	1	MONO	STEWARTCOOPER/ CJ1	51 148	410 348 241	74 11 85	
1	1	MONO	STEWARTCOOPER/ CJ1A	49 141	523 142 50 375	164 49 114 149	
2	1	JCA2	STEWARTCOOPER/ CJ2	33 36	240 11 7	88 6 3	
1	2	HIPP	STEWARTCOOPER/ D1	42 42	3755 4791	500 638	
1	1	HIPP	STEWARTCOOPER/ D2	32 32	615 615	86 86	
28	1	JCA2	STEWARTCOOPER/ J1	124 84	371 195 132	84 102 47	
3	1	JCA2	STEWARTCOOPER/ J1A	124 84	338 392 187 125	66 182 97 211	
10	1	JCA2	STEWARTCOOPER/ J2	89 60	291 141 94	64 74 34	
15	1	JCA2	STEWARTCOOPER/ J3	53 35	211 88 56	43 46 20	
12	1	JCA2	STEWARTCOOPER/ J4	16 10	140 14 20	27 6 11	

Truss			R e a c t i o n s				Sketch
Qty	Plys	Type	Mark	Horizontal	Vertical	Uplift	
4	1	JCA2	STEWARTCOOPER/ J5	16 10	44 14 20	10 6 11	
4	1	FLAT	STEWARTCOOPER/ RG1	125 125	780 780	238 238	
4	2	FLAT	STEWARTCOOPER/ RG2	42 42	954 954	118 118	
1	2	FLAT	STEWARTCOOPER/ RG3	42 42	524 524	160 160	
1	1	FLAT	STEWARTCOOPER/ RG4	125 125	428 428	205 205	
1	1	VL.S	STEWARTCOOPER/ V1		440	Continuous Brg	
1	1	VLM.	STEWARTCOOPER/ V2		696	Continuous Brg	
1	1	VLM.	STEWARTCOOPER/ V3		613	Continuous Brg	
1	1	VLM.	STEWARTCOOPER/ V4		536	Continuous Brg	
1	1	VLM.	STEWARTCOOPER/ V5		453	Continuous Brg	
1	1	VLM.	STEWARTCOOPER/ V6		376	Continuous Brg	
1	1	VLM.	STEWARTCOOPER/ V7		293	Continuous Brg	
1	1	VLM.	STEWARTCOOPER/ V8		216	Continuous Brg	
1	1	VLM.	STEWARTCOOPER/ V9		133	Continuous Brg	
1	1	SP	STEWARTCOOPER/ VCJ1	57 127	525 247 154	75 12 51	
4	1	SP	STEWARTCOOPER/ VJ1	123 84	377 127 160	60 7 68	

Qty		Plys	Truss Type	Mark	R e a c t i o n s			Sketch
					Horizontal	Vertical	Uplift	
2	1	SP	STEWARTCOOPER/ VJ2		88	298	41	
						103		
						93		
					60		13	

Permit Number: _____ Lot Number: _____

Miscellaneous: _____ Address: _____

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

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: STEWART COOPER - STEWART COOPER

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

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

Engineering Index Sheet

Index Page 1 of 1

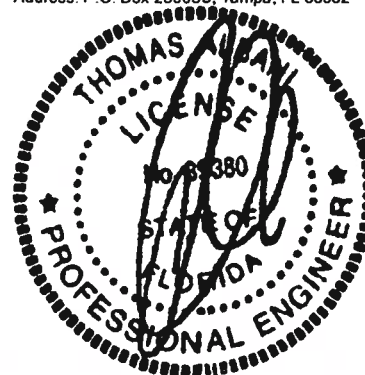
ANSI/ASCE 7-02
Wind Speed - 110 MPH
Mean Roof Ht. - 15 FT
Exposure Category - B
Occupancy Factor - 1.00
MWFRS
Enclosed

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06083031	08/28/2006		47

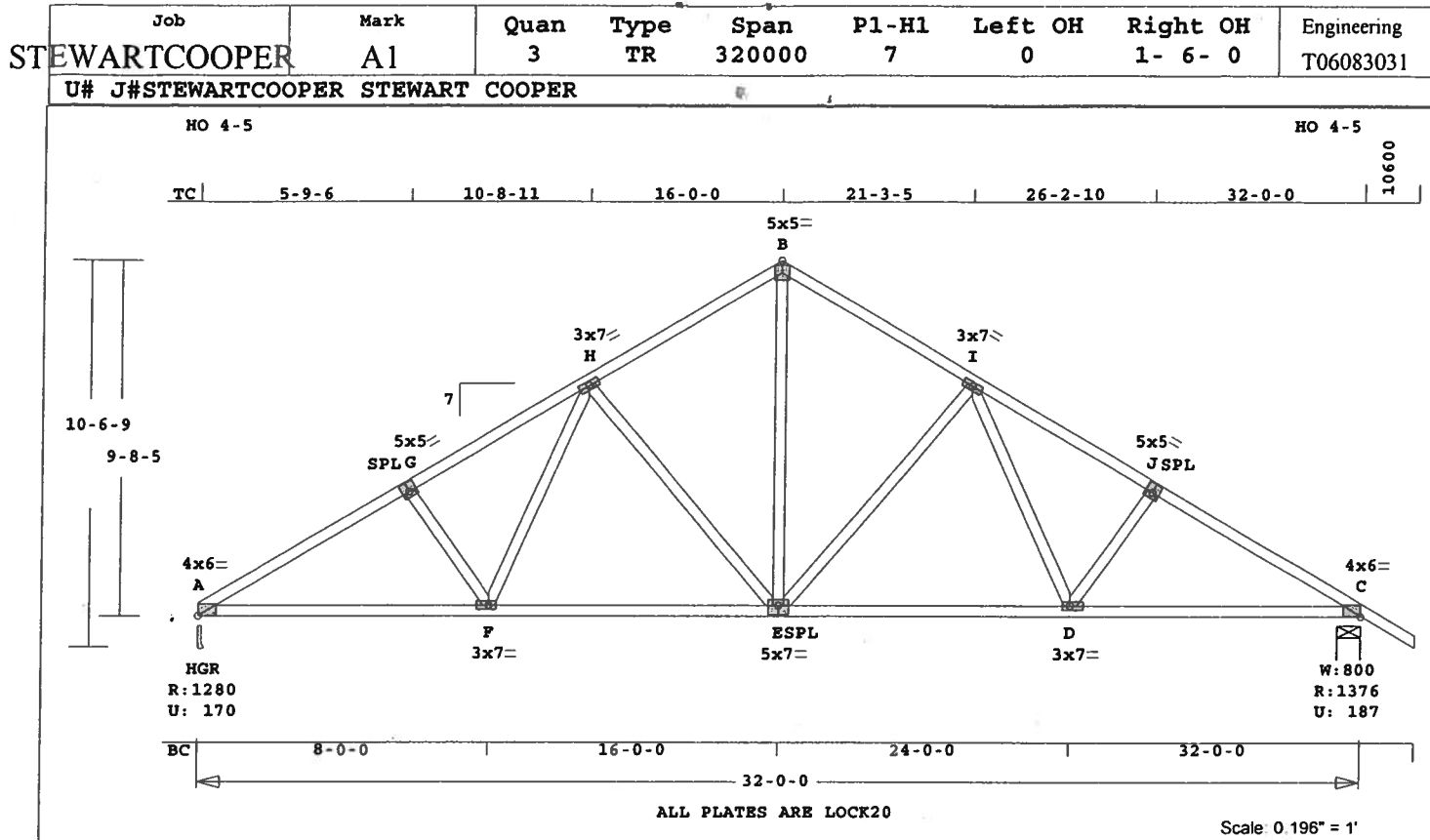
A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-2002, 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)

Notes: Refer to individual truss design drawings for special loading conditions.

Date	Mark	Date	Mark	Date	Mark	Date	Mark
1	08/28/06 A1	2	08/28/06 A2	3	08/28/06 A3	4	08/28/06 A4
5	08/28/06 A5	6	08/28/06 A6	7	08/28/06 A7	8	08/28/06 A8
9	08/28/06 A9	10	08/28/06 A10	11	08/28/06 A11	12	08/28/06 A12
13	08/28/06 A13	14	08/28/06 A14	15	08/28/06 A15	16	08/28/06 B1
17	08/28/06 B2	18	08/28/06 B3	19	08/28/06 C1	20	08/28/06 C2
21	08/28/06 CJ1	22	08/28/06 CJ1A	23	08/28/06 CJ2	24	08/28/06 D1
25	08/28/06 D2	26	08/28/06 J1	27	08/28/06 J1A	28	08/28/06 J2
29	08/28/06 J3	30	08/28/06 J4	31	08/28/06 J5	32	08/28/06 RG1
33	08/28/06 RG2	34	08/28/06 RG3	35	08/28/06 RG4	36	08/28/06 V1
37	08/28/06 V2	38	08/28/06 V3	39	08/28/06 V4	40	08/28/06 V5
41	08/28/06 V6	42	08/28/06 V7	43	08/28/06 V8	44	08/28/06 V9
45	08/28/06 VCJ1	46	08/28/06 VJ1	47	08/28/06 VJ2		

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 8/28/2006



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 220.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI	Size	Lumber
TC	0.24	2x 4 SP-#2
BC	0.50	2x 4 SP-#2
WB	0.44	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	32- 0- 0
BC Cont.	0- 0- 0	32- 0- 0

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1280	171	3- 8	1- 8
			Hz =	-193
C	1376	187	8- 0	1-10
			Hz =	194

Membr CSI P Lbs Axl-CSI-Bnd

Top Chords	Bottom Chords
A - G 0.24 2023 C 0.04 0.20	
G - H 0.24 1847 C 0.01 0.23	
H - B 0.24 1271 C 0.01 0.23	
B - I 0.24 1271 C 0.01 0.23	
I - J 0.24 1847 C 0.01 0.23	
J - C 0.24 2023 C 0.04 0.20	

Member	Length	Area	Weight
A - F	0.50	1749 T	0.18 0.32
F - E	0.47	1432 T	0.14 0.33
E - D	0.47	1432 T	0.14 0.33
D - C	0.50	1749 T	0.18 0.32

Member	Length	Area	Weight
G - F	0.05	269 C	
F - H	0.07	440 T	
H - E	0.44	526 C	
E - B	0.19	969 T	
E - I	0.44	526 C	
I - D	0.07	440 T	
D - J	0.05	269 C	

TL Defl -0.20" in F - E L/999
LL Defl -0.08" in F - E L/999
Shear // Grain in A - G 0.18

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 - LOCK 20 Ga, Gross Area			
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x	6.0	0.2 0.1 0.66
G LOCK	5.0x	5.0-0.3	0.5 0.69
H LOCK	3.0x	7.0 Ctr	Ctr 0.50
B LOCK	5.0x	5.0 Ctr	Ctr 0.62
I LOCK	3.0x	7.0 Ctr	Ctr 0.50
J LOCK	5.0x	5.0 0.3	0.5 0.69
C LOCK	4.0x	6.0-0.2	0.1 0.66
F LOCK	3.0x	7.0-0.9	Ctr 0.52
E LOCK	5.0x	7.0 Ctr	0.5 0.71
D LOCK	3.0x	7.0 0.9	Ctr 0.52

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
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

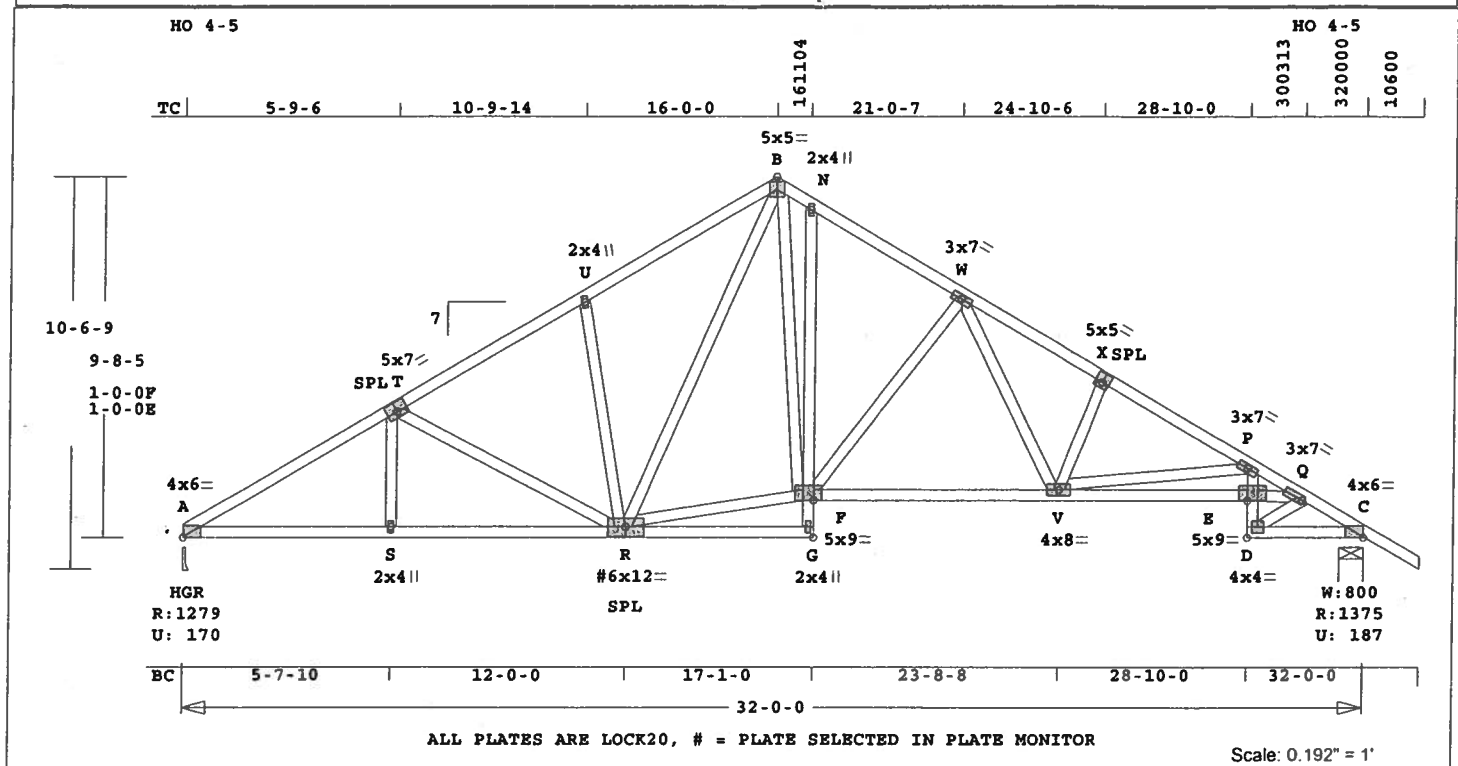
Max comp. force 2023 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A2	2	SP	320000	7	0	1- 6- 0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 270.0 LBS

Tampa, FL 33682

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI	Size	Lumber
TC	0.34	2x 4 SP-#2
BC	0.92	2x 4 SP-#2
CW	0.74	2x 4 SP-#2
WB	0.62	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	32- 0- 0
BC Cont.	0- 0- 0	32- 0- 0

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1280	171	3- 8	1- 8
			Hz =	-193
C	1376	187	8- 0	1-10
			Hz =	194

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -T	0.23	2053 C	0.02 0.21
T -U	0.25	1625 C	0.01 0.24
U -B	0.25	1576 C	0.01 0.24
B -N	0.07	1485 C	0.04 0.03
N -W	0.15	1495 C	0.01 0.14
W -X	0.23	2298 C	0.03 0.20
X -P	0.34	2387 C	0.05 0.29
P -Q	0.33	4211 C	0.12 0.21
Q -C	0.19	2057 C	0.02 0.17
-----Bottom Chords-----			
A -S	0.35	1772 T	0.29 0.06
S -R	0.41	1772 T	0.29 0.12
R -G	0.20	68 C	0.00 0.20
F -V	0.48	1669 T	0.28 0.20
V -E	0.92	3789 T	0.63 0.29
D -C	0.32	1695 T	0.28 0.04

Chord-Webs					
G -F	0.12	77 T	0.01	0.11	
F -N	0.06	131 C	0.01	0.05	
D -E	0.74	914 T	0.16	0.58	
E -P	0.45	1053 T	0.19	0.26	
Webs					
S -T	0.03	223 T			
T -R	0.25	417 C			
U -R	0.15	293 C			
R -B	0.21	431 T			
R -F	0.22	1202 T			
B -F	0.17	971 T			
F -W	0.36	639 C			
W -V	0.13	741 T			
V -X	0.04	260 C			
V -P	0.60	1723 C			
E -Q	0.62	3357 T			
D -Q	0.16	1677 C			

TL Defl -0.35" in V -E L/999
LL Defl -0.17" in V -E L/999
Shear // Grain in D -E 0.36

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
A LOCK	4.0x 6.0	0.2	0.1 0.66
T LOCK	5.0x 7.0	0.3	0.5 0.69
U LOCK	2.0x 4.0	Ctr Ctr	0.43
B LOCK	5.0x 5.0	Ctr Ctr	0.66
N LOCK	2.0x 4.0	Ctr Ctr	0.24
W LOCK	3.0x 7.0	Ctr Ctr	0.49
X LOCK	5.0x 5.0	0.3 0.5	0.69
P LOCK	3.0x 7.0	Ctr Ctr	0.50
Q LOCK	3.0x 7.0	0.9 0.5	0.98
C LOCK	4.0x 6.0	0.2 0.1	0.66
S LOCK	2.0x 4.0	Ctr Ctr	0.43
R# LOCK	6.0x12.0	Ctr-0.2	0.67
G LOCK	2.0x 4.0	Ctr Ctr	0.58
F LOCK	5.0x 9.0	Ctr Ctr	0.8 0.61
V LOCK	4.0x 8.0	Ctr Ctr	0.85
E LOCK	5.0x 9.0	Ctr Ctr	0.7 0.64
D LOCK	4.0x 4.0	Ctr Ctr	0.80

= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

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

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

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

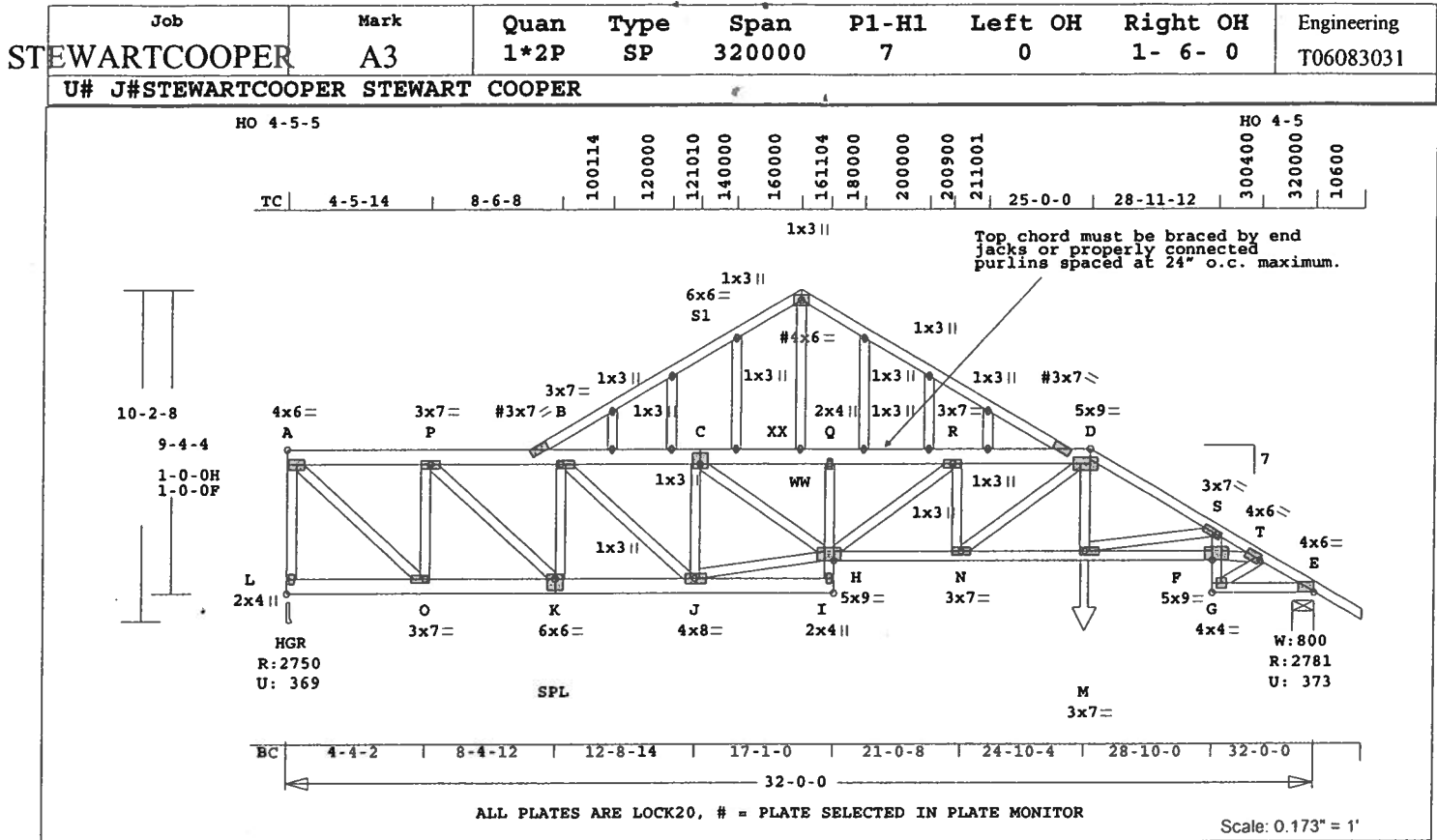
BC Dead Load: 5.0 psf

Max comp. force 4211 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 360.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

* 2-Ply Truss *

CSI -Size- ---Lumber---
TC 0.20 2x 6 SP-#2
EX D -E 2x 4 SP-#2
BC 0.34 2x 6 SP-#2
EX H -F 2x 4 SP-#1
EX G -E 2x 4 SP-#2
CW 0.82 2x 4 SP-#2
WB 0.67 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 32- 0- 0
BC Cont. 0- 0- 0 32- 0- 0

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=1.00 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
plf - Live Dead From To
TC V 40 20 0.0' 32.0'
BC V 0 20 0.0' 32.0'
TC V 50 25 1.0' 25.0'
TC V -40 -20 0.0' 1.0'
BC V 0 25 1.0' 24.9'
BC V 0 -20 0.0' 1.0'
BC V 280 280 24.9' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
L 2751 369 3- 8 1-10
Hz = -139
E 2782 374 8- 0 1-10
Hz = 66

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -P 0.09 2698 C 0.00 0.09
P -B 0.10 4547 C 0.01 0.09

B -S1 0.09 5621 C 0.02 0.07
S1-Q 0.16 7524 C 0.05 0.11
Q -R 0.14 7571 C 0.05 0.09
R -D 0.20 7068 C 0.04 0.16
D -S 0.46 6127 C 0.09 0.37
S -T 0.52 9218 C 0.18 0.34
T -E 0.27 4471 C 0.04 0.23

-----Bottom Chords-----
L -O 0.05 110 T 0.00 0.05
O -K 0.22 2698 T 0.18 0.04
K -J 0.34 4547 T 0.30 0.04
J -I 0.06 284 T 0.00 0.06
H -N 0.62 7068 T 0.51 0.11
N -M 0.44 5319 T 0.38 0.06
M -F 0.90 8236 T 0.59 0.31
G -E 0.37 3676 T 0.33 0.04

-----Chord-Webs-----
I -H 0.27 163 T 0.00 0.27
H -Q 0.15 479 C 0.00 0.15
G -P 0.82 1906 T 0.17 0.65
F -S 0.45 2160 T 0.19 0.26

-----Webs-----
L -A 0.14 2698 C WindLd
A -O 0.34 3720 T
O -P 0.12 2361 C
P -K 0.23 2548 T
K -B 0.08 1574 C
B -J 0.13 1480 T
J -S1 0.10 1991 C
J -H 0.50 5462 T
S1-H 0.21 2356 T
H -R 0.05 636 T
N -R 0.05 1056 C
N -D 0.20 2166 T
M -D 0.12 1362 T
M -S 0.15 2920 C
F -T 0.67 7299 T
G -T 0.16 3592 C

TL Defl -0.44" in H -N L/852
LL Defl -0.22" in H -N L/999
Shear // Grain in G -F 0.41

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 4.0x 6.0 Ctr Ctr 0.86
P LOCK 3.0x 7.0 Ctr Ctr 0.49
B LOCK 3.0x 7.0 Ctr Ctr 0.43
S1 LOCK 6.0x 6.0 Ctr Ctr 1.2 0.56
Q LOCK 2.0x 4.0 Ctr Ctr 0.20
R LOCK 3.0x 7.0 Ctr Ctr 0.42
D LOCK 5.0x 9.0 Ctr Ctr 0.96

S LOCK 3.0x 7.0 Ctr Ctr 0.47
T LOCK 4.0x 6.0-0.9 0.5 0.93
E LOCK 4.0x 6.0-0.2 0.1 0.66
L LOCK 2.0x 4.0 Ctr Ctr 0.74
O LOCK 3.0x 7.0 Ctr Ctr 0.71
K LOCK 6.0x 6.0 Ctr-1.2 0.56
J LOCK 4.0x 8.0 0.5 Ctr 0.89
I LOCK 2.0x 4.0 Ctr Ctr 0.91
H LOCK 5.0x 9.0 Ctr 0.8 0.61
N LOCK 3.0x 7.0 Ctr Ctr 0.42
M LOCK 3.0x 7.0 Ctr Ctr 0.83
F LOCK 5.0x 9.0 Ctr 0.8 0.68
G LOCK 4.0x 4.0 Ctr Ctr 0.80

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
Girder Half Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A3	1*2P	SP	320000	7	0	1- 6- 0	T06083031
U# J#STEWARTCOOPER STEWART COOPER								

Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

----Spacing (In)----

Rows	Nails	Screws	Bolts
TC 1	12	24	0
BC 1	12	24	0
WB 1	8	8	

Plus clusters of nails where shown.

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL 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

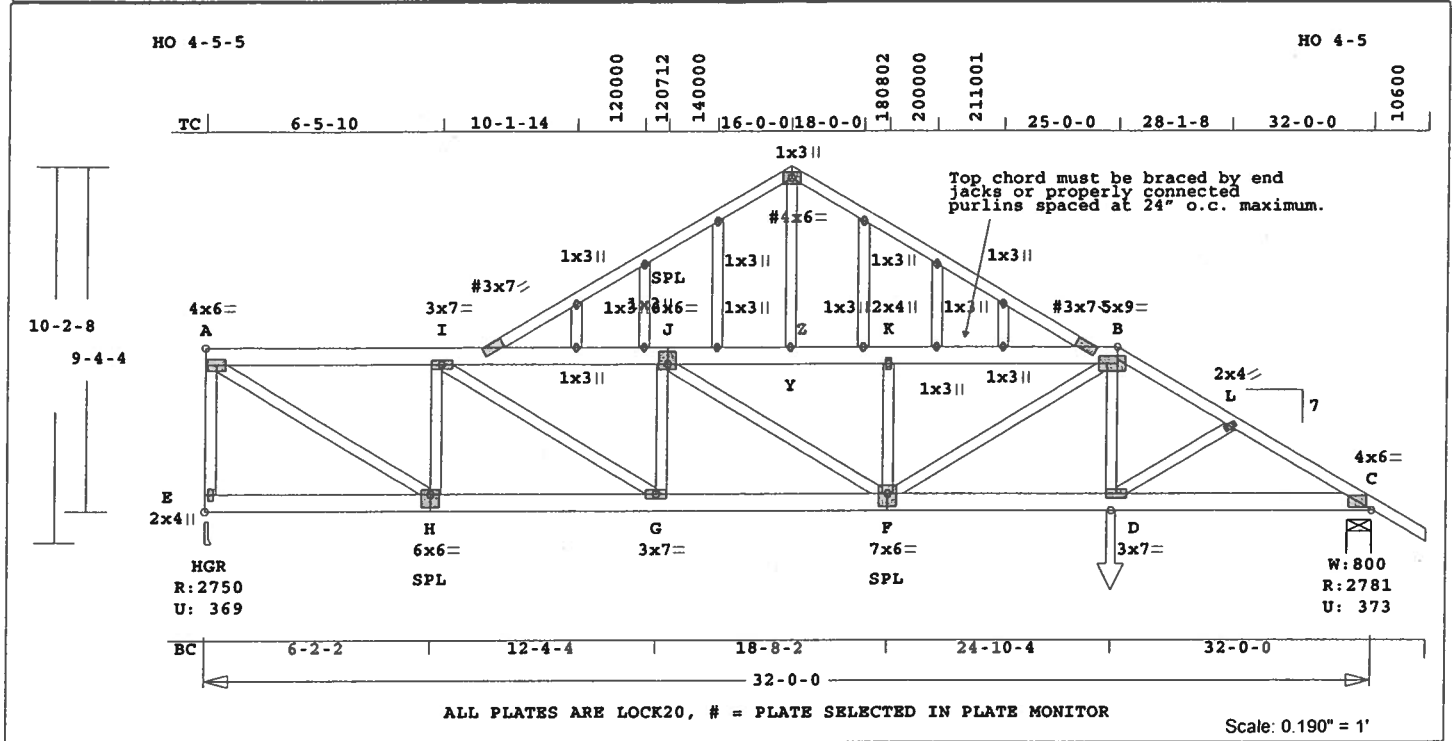
BC Dead Load : 5.0 psf

Max comp. force 9218 Lbs

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A4	1*2P	HHIP	320000	7	0	1- 6- 0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.190" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 344.7 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

* 2-Ply Truss *

CSI	-Size-	---Lumber---
TC	0.27	2x 6 SP-#2
EX B -C	2x 4	SP-#2
BC	0.43	2x 6 SP-#2
WB	0.41	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	32- 0- 0
BC Cont.	0- 0- 0	32- 0- 0

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=1.00	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
plf - Live	Dead	From	To
TC V	40	20	0.0' 32.0'
BC V	0	20	0.0' 32.0'
TC V	50	25	1.0' 25.0'
TC V	-40	-20	0.0' 1.0'
BC V	0	25	1.0' 24.9'
BC V	0	-20	0.0' 1.0'
BC V	280	280	24.9' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
E	2751	369	3- 8	1-10
			Hx =	-138
C	2781	374	8- 0	1-10
			Hx =	66

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -I	0.24	3767 C	0.01 0.23
I -J	0.25	5633 C	0.02 0.23
J -K	0.25	5880 C	0.02 0.23
K -B	0.27	5880 C	0.03 0.24
B -L	0.30	4725 C	0.04 0.26
L -C	0.16	4827 C	0.05 0.11

Bottom Chords				
E -H	0.12	109 T	0.00	0.12
H -G	0.31	3767 T	0.25	0.06
G -F	0.43	5633 T	0.37	0.06
F -D	0.35	4108 T	0.27	0.08
D -C	0.33	4145 T	0.27	0.06

Webs				
E -A	0.13	2665 C	WindLd	
A -H	0.41	4482 T		
H -I	0.11	2127 C		
I -G	0.20	2221 T		
G -J	0.04	945 C		
J -F	0.02	293 T		
F -K	0.04	941 C		
F -B	0.19	2081 T		
D -B	0.06	793 T		
D -L	0.00	75 T		

TL Defl -0.23" in G -F L/999
LL Defl -0.11" in G -F 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
Plate - RHS	20 Ga.	Gross Area	
Jt Type	Plt Size	X Y	JSI
A LOCK	4.0x 6.0	Ctr Ctr	0.86
I LOCK	3.0x 7.0	Ctr Ctr	0.41
J LOCK	6.0x 6.0	Ctr Ctr	1.2 0.56
K LOCK	2.0x 4.0	Ctr Ctr	0.43
B LOCK	5.0x 9.0	Ctr Ctr	0.96
L LOCK	2.0x 4.0	Ctr Ctr	0.42
C LOCK	4.0x 6.0	Ctr Ctr	0.66
E LOCK	2.0x 4.0	Ctr Ctr	0.74
H LOCK	6.0x 6.0	Ctr Ctr	1.2 0.76
G LOCK	3.0x 7.0	Ctr Ctr	0.41
F LOCK	7.0x 6.0	Ctr Ctr	0.61
D LOCK	3.0x 7.0	Ctr Ctr	0.41

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
Girder Half Hip

Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails
as each layer is applied.)

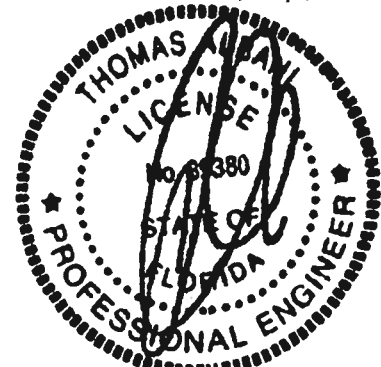
----Spacing (In)----				
Rows	Nails	Screws	Bolts	
TC 1	12	24	0	
BC 2	12	24	0	
WB 1	8	8		

Plus clusters of nails where
shown.

OH Loading

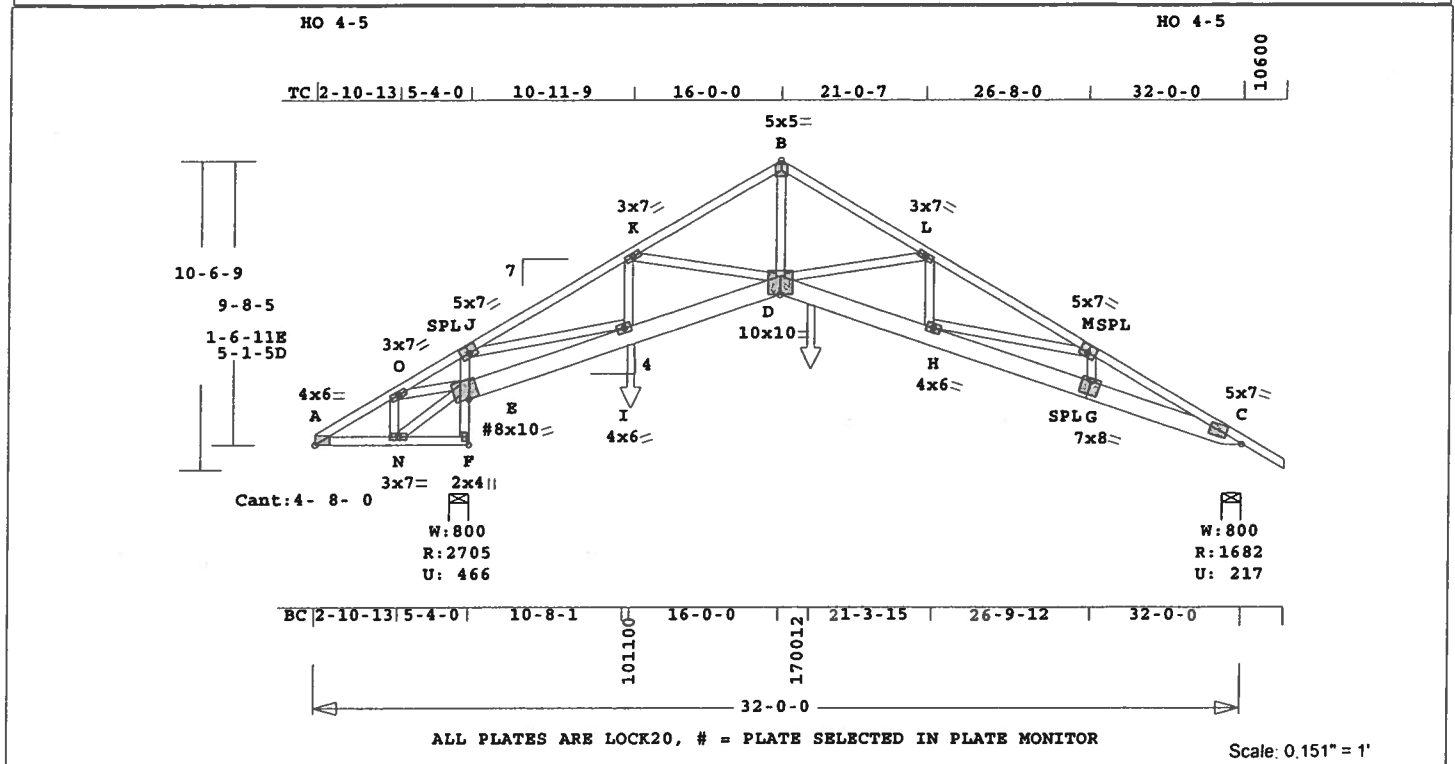
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 5880 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A5	1*3P	SP	320000	7	0	1- 6- 0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 266.3 LBS

Online Plus -- Version 19.0.034
 RUN DATE: 28-AUG-06

 * 3-Ply Truss *

CSI -Size- ---Lumber---

TC	0.14	2x 4	SP-#2
BC	0.27	2x 8	SP-#2
EX A - F	2x 4	SP-#2	
CW	0.12	2x 4	SP-#2
WB	0.25	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	32- 0- 0
BC Cont.	0- 0- 0	32- 0- 0

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	

Load Case # 1 Standard Loading

Lumber Duration Factor	1.25			
Plate Duration Factor	1.25			
plf - Live	Dead	From	To	
TC V	40	20	0.0'	32.0'
BC V	0	20	0.0'	32.0'
BC V	476	476	10.9'	CL-LB
BC V	390	390	17.1'	CL-LB

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
F	2706	467	8- 0	1- 8
			Hx =	-192
C	1682	218	8- 0	1- 8
			Hx =	194

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -O	0.03	194 T	0.01 0.02
O -J	0.13	628 T	0.03 0.10
J -K	0.11	4274 C	0.01 0.10
K -B	0.07	3981 C	0.01 0.06
B -L	0.09	3984 C	0.01 0.08
L -M	0.14	5121 C	0.04 0.10
M -C	0.05	5264 C	0.02 0.03

Bottom Chords				
A -N	0.02	164 C	0.00	0.02
N -F	0.01	207 C	0.00	0.01
E -I	0.06	455 C	0.00	0.06
I -D	0.19	3904 T	0.13	0.06
D -H	0.25	4752 T	0.15	0.10
H -G	0.27	4832 T	0.16	0.11
G -C	0.27	4736 T	0.16	0.11

Chord-Webs				
F -E	0.12	2688 C	0.00	0.12
E -J	0.11	2418 C	0.00	0.11

Webs				
N -O	0.00	144 C		
N -E	0.01	214 T		
O -E	0.01	350 C		
J -I	0.25	4097 T		
I -K	0.00	127 C		
K -D	0.00	281 C		
D -B	0.22	3702 T		
D -L	0.03	1003 C		
H -L	0.02	476 T		
H -M	0.00	151 T		
G -M	0.00	210 C		

TL Defl	-0.18"	in D -H	L/999
LL Defl	-0.09"	in D -H	L/999
LL Cant	0.02"	in A -N	L/999
Hx Disp	LL	DL	TL
Jt C	0.08"	0.08"	0.16"
Shear // Grain	in D -H		0.13

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	4.0x 6.0	0.2 0.1 0.66
O	LOCK	3.0x 7.0	Ctr Ctr 0.42
J	LOCK	5.0x 7.0	0.3 0.5 0.70
K	LOCK	3.0x 7.0	Ctr Ctr 0.41
B	LOCK	5.0x 5.0	Ctr Ctr 0.62
L	LOCK	3.0x 7.0	Ctr Ctr 0.41
M	LOCK	5.0x 7.0	0.3 0.5 0.69
C	LOCK	5.0x 7.0	Ctr Ctr 0.82
N	LOCK	3.0x 7.0	Ctr Ctr 0.42
F	LOCK	2.0x 4.0	Ctr Ctr 0.58
E#	LOCK	8.0x10.0	Ctr-0.1 0.61
I	LOCK	4.0x 6.0	Ctr Ctr 0.60
D	LOCK	10.0x10.0	Ctr-2.6 0.48
H	LOCK	4.0x 6.0	Ctr Ctr 0.60
G	LOCK	7.0x 8.0	0.7-2.0 0.47

= Plate Monitor used

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

3 COMPLETE TRUSSES REQUIRED.

Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS4.5 screws -OR- 16d nails
 as each layer is applied.)

----Spacing (In)----

Rows	Nails	Screws	Bolts
TC 1	12	24	0
BC 1	12	24	0
WB 1	8	8	

No bolts in 2x4s or smaller.
 Plus clusters of nails where
 shown.

OH Loading

Soffit psf 2.0

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

Prevent truss rotation at all
 bearing locations.

NOTE: USER MODIFIED PLATES

This design may have plates

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A5	1*3P	SP	320000	7	0	1- 6- 0	T06083031
U# J#STEWARTCOOPER STEWART COOPER								

selected through a plate
 monitor.
 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 5264 Lbs
 Quality Control Factor 1.25



Scale: 0.151" = 1'

Robbins Engineering, Inc./Online Plus™

◆◆◆◆◆

*** 3-Ply Truss ***

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

Brace truss as follows:

Loading	Live	Dead	(psf)
---------	------	------	-------

Load Case # 1 Standard Loading

Plus 6 Wind Load Case(s)

Jt	React	Uplft	Size	Req'd
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
56	56	56	56	56
57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	8

Membr	CSI	P	Lbs	Axl-CSI-Bnd
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00
41	0.00	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00
46	0.00	0.00	0.00	0.00
47	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00
51	0.00	0.00	0.00	0.00
52	0.00	0.00	0.00	0.00
53	0.00	0.00	0.00	0.00
54	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00
56	0.00	0.00	0.00	0.00
57	0.00	0.00	0.00	0.00
58	0.00	0.00	0.00	0.00
59	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00
61	0.00	0.00	0.00	0.00
62	0.00	0.00	0.00	0.00
63	0.00	0.00	0.00	0.00
64	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00
66	0.00	0.00	0.00	0.00
67	0.00	0.00	0.00	0.00
68	0.00	0.00	0.00	0.00
69	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00
71	0.00	0.00	0.00	0.00
72	0.00	0.00	0.00	0.00
73	0.00	0.00	0.00	0.00
74	0.00	0.00</		

```

-----BOTTOM CHOICE-----
A = N 0.02 168 C 0.00 0.02

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-----Chord-Webs-----

N -O 0.00 152 C

TL Defl -0.27" in D -H L/999

Plates for each ply each face.

Plate - LOCK 20 Ga. Gross Area

= Plate Monitor used

REVIEWED BY:

Robbins Engineering, Inc.

REFER TO ROBBINS ENG. GENERAL

NOTES:

No bolts in 2x4s or smaller.

Truss Design Engineer: Thomas A. Albani

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

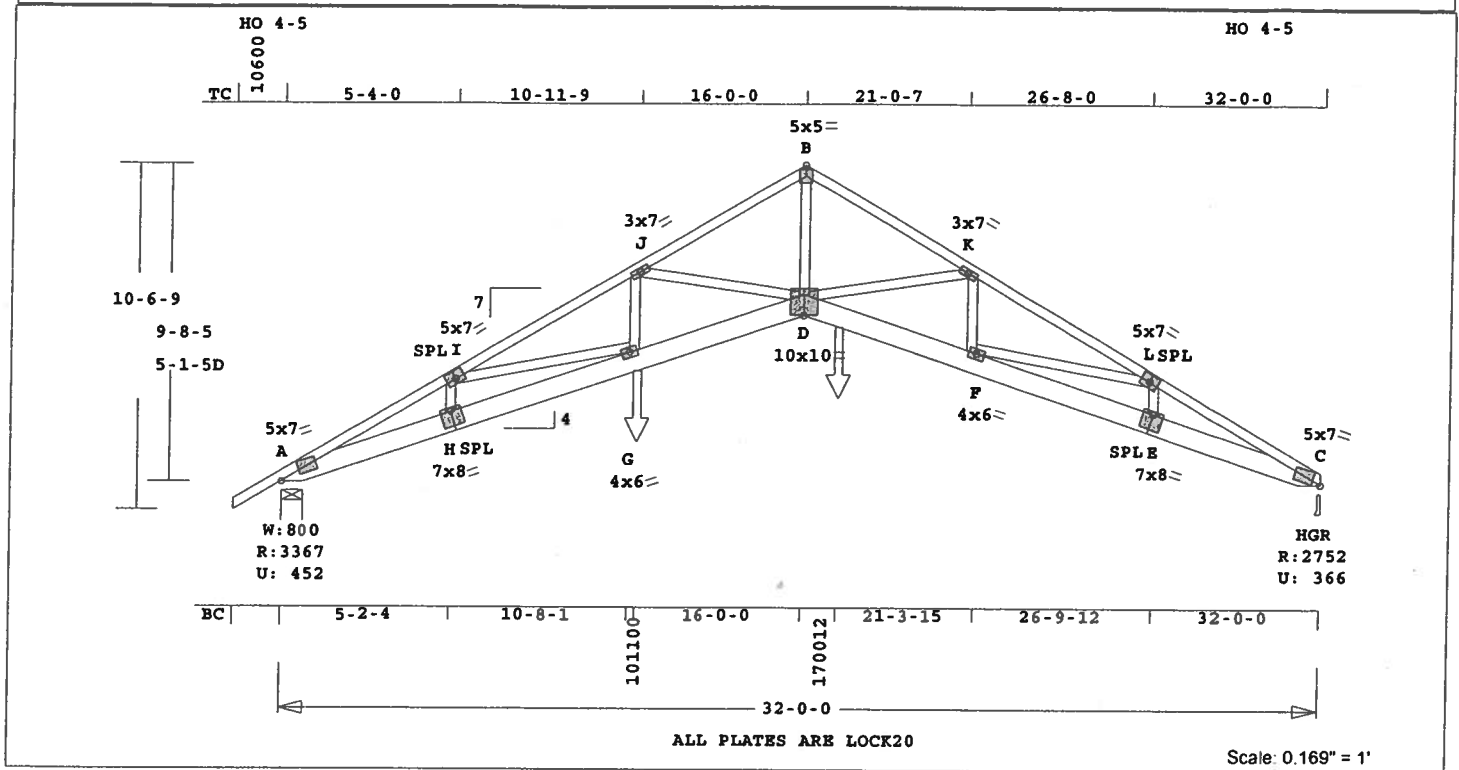


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A6	1*3P	SP	320000	7	0	1- 6- 0	T06083031
U# J#STEWARTCOOPER STEWART COOPER								

selected through a plate
 monitor.
 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 7578 Lbs
 Quality Control Factor 1.25

Job STEWARTCOOPER	Mark A7	Quan 1*3P	Type SCIS	Span 320000	P1-H1 7	Left OH 1- 6- 0	Right OH 0	Engineering T06083031
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U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 261.7 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

* 3-Ply Truss *

CSI -Size- ---Lumber---
TC 0.44 2x 4 SP-#2
BC 0.61 2x 8 SP-#2
WB 0.53 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 32- 0- 0
BC Cont. 0- 0- 0 32- 0- 0

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

Load Case # 1 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 32.0'
BC V 0 20 0.0' 32.0'
BC V 952 952 10.9' CL-LB
BC V 780 780 17.1' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
A 3367 453 8- 0 1- 8
Hz = -194
C 2752 367 3- 8 1- 8
Hz = 195

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -I 0.18 11679 C 0.13 0.05
I -J 0.44 12266 C 0.25 0.19
J -B 0.15 8869 C 0.09 0.06
B -K 0.13 8872 C 0.06 0.07
K -L 0.32 10351 C 0.17 0.15
L -C 0.14 9611 C 0.09 0.05
-----Bottom Chords-----
A -H 0.60 10476 T 0.35 0.25

H -G 0.61 10661 T 0.36 0.25
G -D 0.49 11238 T 0.38 0.11
D -F 0.57 9558 T 0.31 0.26
F -E 0.53 8827 T 0.30 0.23
E -C 0.52 8619 T 0.29 0.23
-----Webs-----
H -I 0.01 490 C
I -G 0.03 614 T
G -J 0.11 1908 T
J -D 0.10 2972 C
D -B 0.53 8613 T
D -K 0.04 1300 C
F -K 0.03 688 T
F -L 0.04 741 T
E -L 0.01 565 C

TL Defl -0.56" in G -D L/665
LL Defl -0.28" in G -D L/999
Hz Disp LL DL TL
Jt C 0.23" 0.23" 0.46"
Shear // Grain in D -F 0.24

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 5.0x 7.0 Ctr Ctr 0.82
I LOCK 5.0x 7.0-0.3 0.5 0.69
J LOCK 3.0x 7.0 Ctr Ctr 0.41
B LOCK 5.0x 5.0 Ctr Ctr 0.97
K LOCK 3.0x 7.0 Ctr Ctr 0.41
L LOCK 5.0x 7.0 0.3 0.5 0.69
C LOCK 5.0x 7.0-5.8 3.5 0.83
H LOCK 7.0x 8.0 0.7-2.0 0.48
G LOCK 4.0x 6.0 Ctr Ctr 0.60
D LOCK 10.0x10.0 Ctr-2.6 0.82
F LOCK 4.0x 6.0 Ctr Ctr 0.60
E LOCK 7.0x 8.0-0.7-2.0 0.47

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:

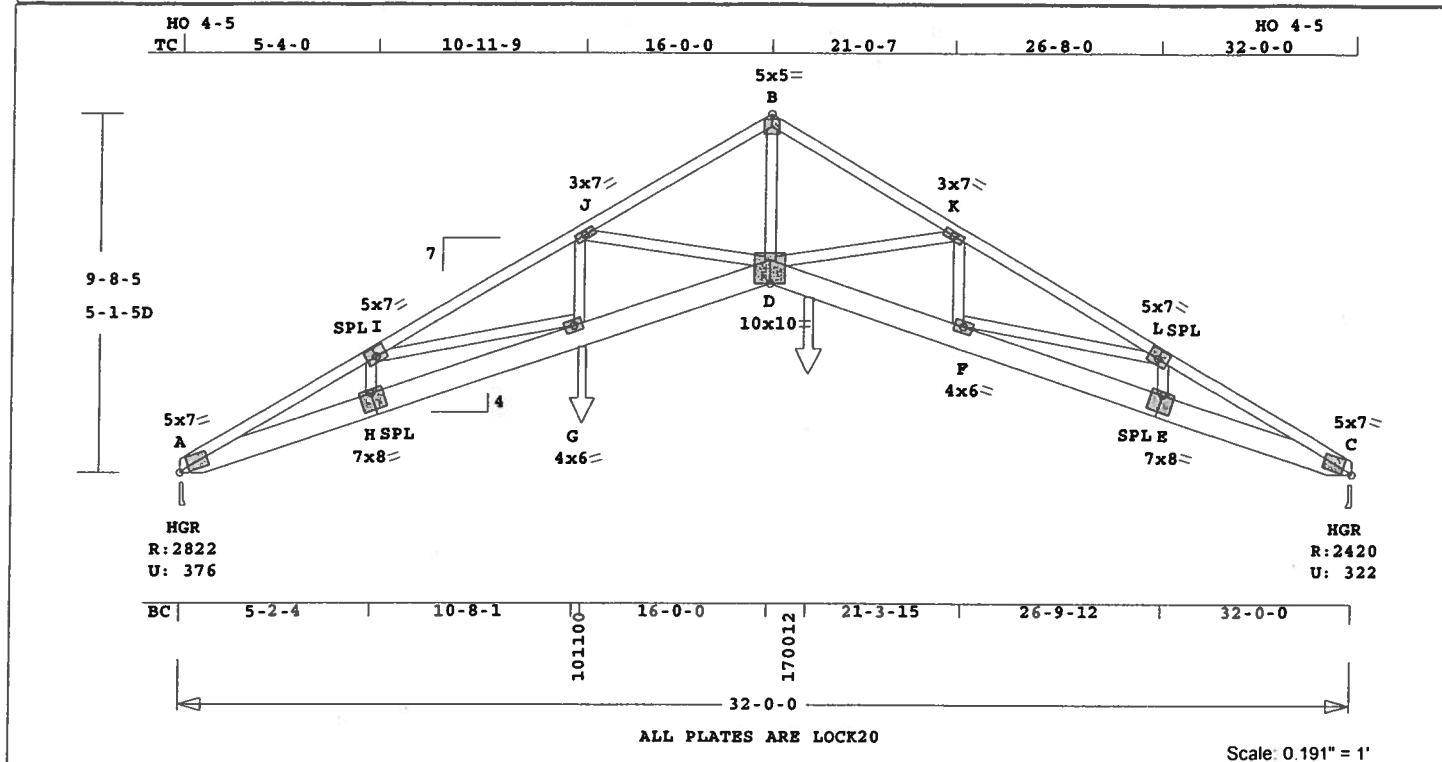
FBC2004
3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS4.5 screws -OR- 16d nails
as each layer is applied.)
-----Spacing (In)-----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 12 24 0
WB 1 8 8
No bolts in 2x4s or smaller.
Plus clusters of nails where
shown.

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL 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 12266 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A8	1*3P	SCIS	320000	7	0	0	T06083031
U# J#STEWARTCOOPER STEWART COOPER								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 258.4 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

* 3-Ply Truss *

CSI -Size- ----Lumber-----
TC 0.33 2x 4 SP-#2
BC 0.52 2x 8 SP-#2
WB 0.44 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 32- 0- 0
BC Cont. 0- 0- 0 32- 0- 0

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

Load Case # 1 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 32.0'
BC V 0 20 0.0' 32.0'
BC V 738 738 10.9' CL-LB
BC V 604 604 17.1' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
A 2823 376 3- 8 1- 8
Hz = -194
C 2421 322 3- 8 1- 8
Hz = 194

Membr CSI P Lbs Ax1-CST-Bnd
-----Top Chords-----
A -I 0.14 9978 C 0.09 0.05
I -J 0.33 10349 C 0.17 0.16
J -B 0.11 7504 C 0.06 0.05
B -K 0.11 7506 C 0.04 0.07
K -L 0.25 8864 C 0.12 0.13
L -C 0.10 8374 C 0.06 0.04
-----Bottom Chords-----

Mayo Truss Co. Inc.
Analysis Conforms To:
PBC2004
3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS4.5 screws -OR- 16d nails
as each layer is applied.)
-----Spacing (In)-----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 12 24 0
WB 1 8 8
No bolts in 2x4s or smaller.
Plus clusters of nails where
shown.
Design checked for 10 psf non-
concurrent LL 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 10349 Lbs
Quality Control Factor 1.25

TL Defl -0.48" in G -D L/791
LL Defl -0.24" in G -D L/999
Hz Disp LL DL TL
Jt C 0.19" 0.19" 0.39"
Shear // Grain in D -F 0.19

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 5.0x 7.0 5.8 3.5 0.83
I LOCK 5.0x 7.0-0.3 0.5 0.69
J LOCK 3.0x 7.0 Ctr Ctr 0.41
B LOCK 5.0x 5.0 Ctr Ctr 0.81
K LOCK 3.0x 7.0 Ctr Ctr 0.41
L LOCK 5.0x 7.0 0.3 0.5 0.69
C LOCK 5.0x 7.0-5.8 3.5 0.83
H LOCK 7.0x 8.0 0.7-2.0 0.47
G LOCK 4.0x 6.0 Ctr Ctr 0.60
D LOCK 10.0x10.0 Ctr-2.6 0.69
F LOCK 4.0x 6.0 Ctr Ctr 0.60
E LOCK 7.0x 8.0-0.7-2.0 0.47

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

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

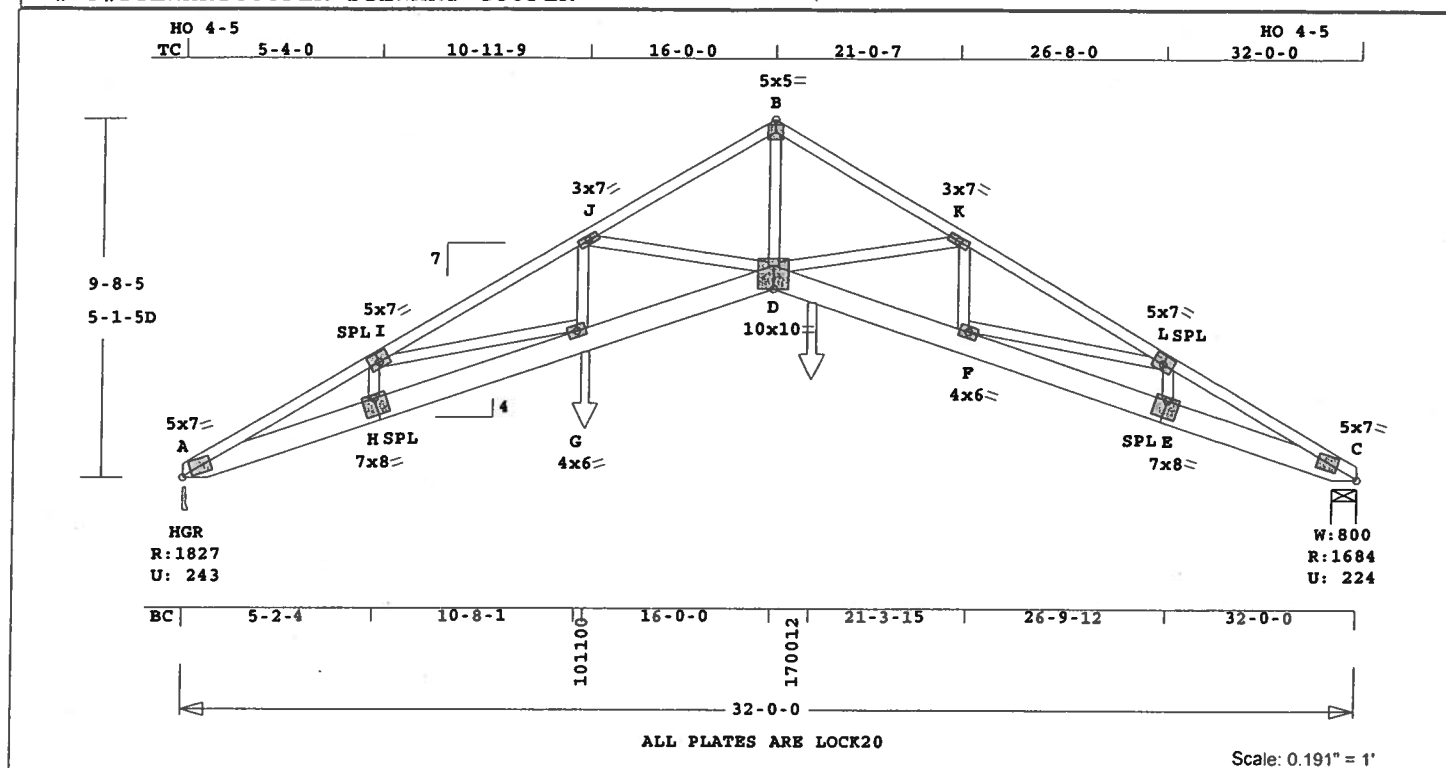
NOTES:
Trusses Manufactured by:

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A9	1*2P	SCIS	320000	7	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 258.4 LBS

Online Plus -- Version 19.0.034
 RUN DATE: 28-AUG-06

 * 2-Ply Truss *

CSI -Size- ---Lumber---
 TC 0.36 2x 4 SP-#2
 BC 0.53 2x 8 SP-#2
 WB 0.38 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 32- 0- 0
 BC Cont. 0- 0- 0 32- 0- 0

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=1.00 Fc=1.00 Ft=1.00
 BC Fb=1.00 Fc=1.00 Ft=1.00

Load Case # 1 Standard Loading
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 plf - Live Dead From To
 TC V 40 20 0.0' 32.0'
 BC V 0 20 0.0' 32.0'
 BC V 262 262 10.9' CL-LB
 BC V 214 214 17.1' CL-LB

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd
 Lbs Lbs In-Sx In-Sx
 A 1827 243 3- 8 1- 8
 Hz = -193
 C 1685 224 8- 0 1- 8
 Hz = 194

Membr CSI P Lbs Axl-CSI-Bnd
 -----Top Chords-----
 A -I 0.15 6198 C 0.10 0.05
 I -J 0.36 6090 C 0.15 0.21
 J -B 0.17 4472 C 0.04 0.13
 B -K 0.18 4473 C 0.04 0.14
 K -L 0.31 5563 C 0.12 0.19
 L -C 0.14 5629 C 0.08 0.06

-----Bottom Chords-----
 A -H 0.53 5572 T 0.31 0.22
 H -G 0.53 5671 T 0.31 0.22
 G -D 0.37 5570 T 0.31 0.06
 D -F 0.41 5107 T 0.28 0.13
 F -E 0.50 5166 T 0.29 0.21
 E -C 0.49 5061 T 0.28 0.21

-----Webs-----
 H -I 0.01 218 C
 I -G 0.01 139 T
 G -J 0.06 773 T
 J -D 0.08 1423 C
 D -B 0.38 4201 T
 D -K 0.06 962 C
 F -K 0.03 437 T
 F -L 0.01 138 T
 E -L 0.01 239 C

TL Defl -0.44" in G -D L/854
 LL Defl -0.22" in G -D L/999
 Hz Disp LL DL TL
 Jt C 0.18" 0.18" 0.36"
 Shear // Grain in D -F 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.

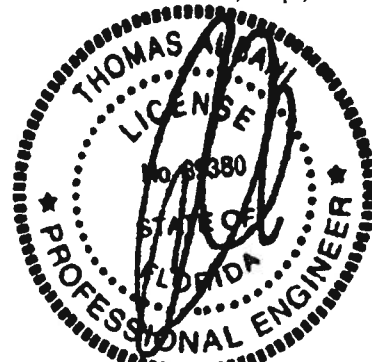
Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 5.0x 7.0 5.8 3.5 0.83
 I LOCK 5.0x 7.0-0.3 0.5 0.69
 J LOCK 3.0x 7.0 Ctr Ctr 0.41
 B LOCK 5.0x 5.0 Ctr Ctr 0.71
 K LOCK 3.0x 7.0 Ctr Ctr 0.41
 L LOCK 5.0x 7.0 0.3 0.5 0.69
 C LOCK 5.0x 7.0 Ctr Ctr 0.82
 H LOCK 7.0x 8.0 0.7-2.0 0.47
 G LOCK 4.0x 6.0 Ctr Ctr 0.60
 D LOCK 10.0x10.0 Ctr-2.6 0.60
 F LOCK 4.0x 6.0 Ctr Ctr 0.60
 E LOCK 7.0x 8.0-0.7-2.0 0.47

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
 2 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS3 screws -OR- 10d nails
 as each layer is applied.)
 ----Spacing (in)----
 Rows Nails Screws Bolts
 TC 1 12 24 0
 BC 2 12 24 0
 WB 1 8 8
 Plus clusters of nails where
 shown.
 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 6198 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



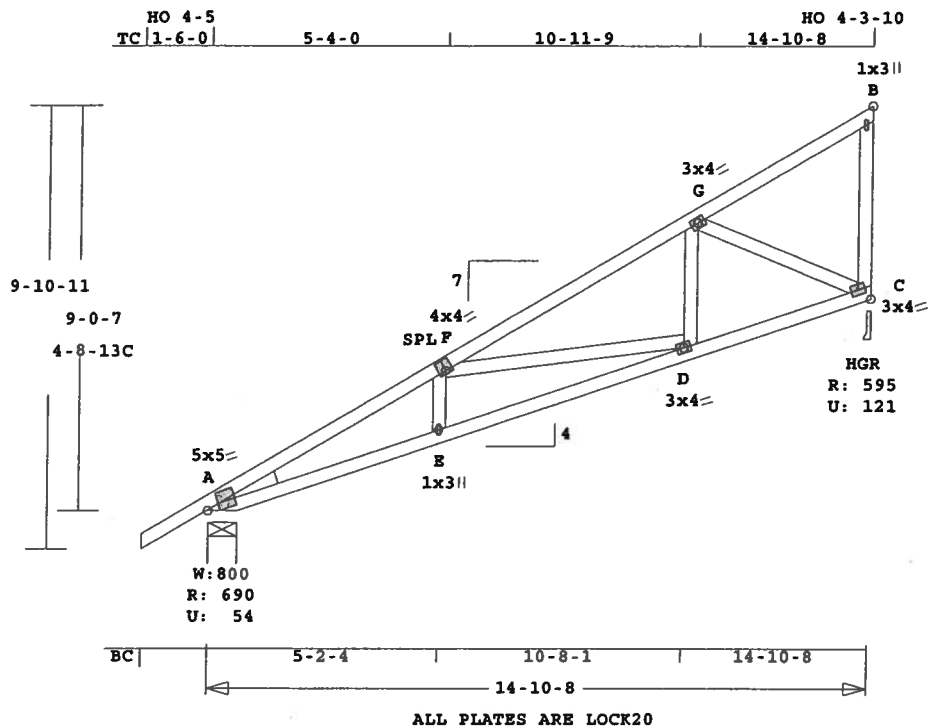


Address: P.O. Box 280029, Tampa, FL 33629



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A11	6	HFS2	141008	7	1- 6- 0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.234" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 101.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

TC	BC	WB	PB	CSI	Size	Lumber
0.39	0.51	0.26	---	2x 4	SP-#2	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	14-10- 8
BC Cont.	0- 0- 0	14-10- 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 Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	691	54	8- 0	1- 8
			Hx =	178
C	595	121	3- 8	1- 8
			Hx =	238

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -F	0.39	1488	C	0.01	0.38
F -G	0.28	730	C	0.00	0.28
G -B	0.28	55	C	0.00	0.28
-----Bottom Chords-----					
A -E	0.51	1332	T	0.22	0.29
E -D	0.34	1348	T	0.22	0.12

D	-C	0.22	666	T	0.06	0.16
E	-F	0.02	178	T		
F	-D	0.26	638	C		
D	-G	0.05	360	T		
G	-C	0.15	691	C		
C	-B	0.02	86	C	WindLd	

TL Defl	-0.13"	in E -D	L/999
LL Defl	-0.06"	in E -D	L/999
Hx Disp	LL	DL	TL
Jt C	0.01"	0.01"	0.03"
Shear //	Grain	in F -G	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
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 3.4 2.0 0.76
F LOCK 4.0x 4.0-0.5 0.9 0.67
G LOCK 3.0x 4.0 Ctr Ctr 0.53
B LOCK 1.0x 3.0 Ctr Ctr 0.75
E LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 3.0x 4.0 Ctr Ctr 0.58
C LOCK 3.0x 4.0 Ctr Ctr 0.61

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:

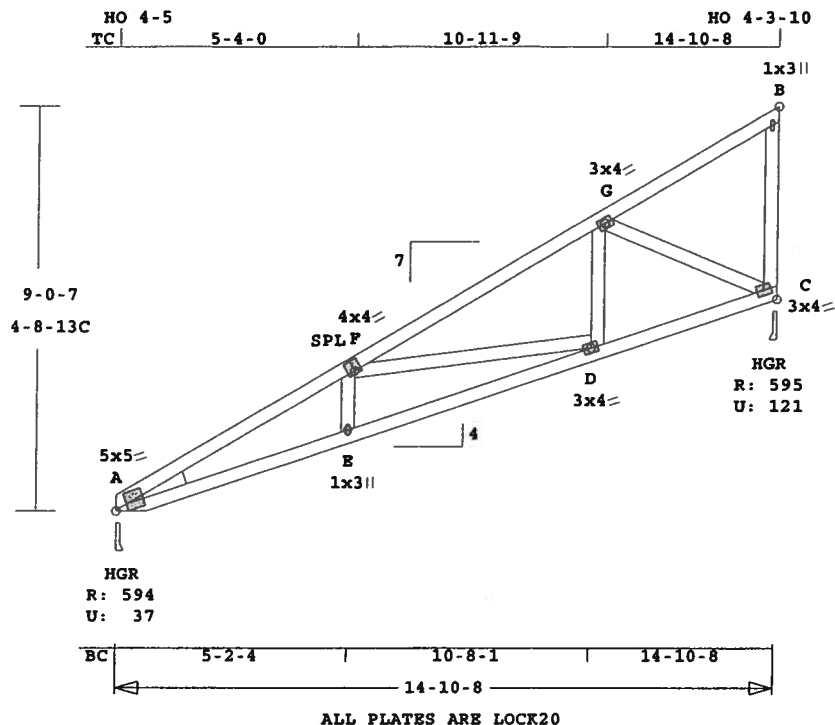
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1488 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A12	3	HFS2	141008	7	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 97.7 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ----Lumber-----
TC 0.30 2x 4 SP-#2
BC 0.44 2x 4 SP-#2
WB 0.26 2x 4 SP-#2
PB --- 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	14-10- 8
BC Cont.	0- 0- 0	14-10- 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 Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	595	37	3- 8	1- 8
			Hz =	178
C	595	121	3- 8	1- 8
			Hz =	238

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -F	0.30		1488	C	0.01 0.29
F -G	0.28		730	C	0.00 0.28
G -B	0.28		55	C	0.00 0.28
-----Bottom Chords-----					
A -E	0.44		1332	T	0.22 0.22
E -D	0.34		1348	T	0.22 0.12

D	-C	0.22	666	T	0.06	0.16
-----Webs-----						
E -F	0.02	178	T			
F -D	0.26	638	C			
D -G	0.05	360	T			
G -C	0.15	691	C			
C -B	0.02	86	C	WindLd		

TL Defl	-0.13"	in E -D	L/999
LL Defl	-0.06"	in E -D	L/999
Hz Disp	LL	DL	TL
Jt C	0.01"	0.01"	0.03"
Shear //	Grain	in F -G	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
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 3.4 2.0 0.76
F LOCK 4.0x 4.0-0.5 0.9 0.67
G LOCK 3.0x 4.0 Ctr Ctr 0.53
B LOCK 1.0x 3.0 Ctr Ctr 0.75
E LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 3.0x 4.0 Ctr Ctr 0.58
C LOCK 3.0x 4.0 Ctr Ctr 0.61

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:

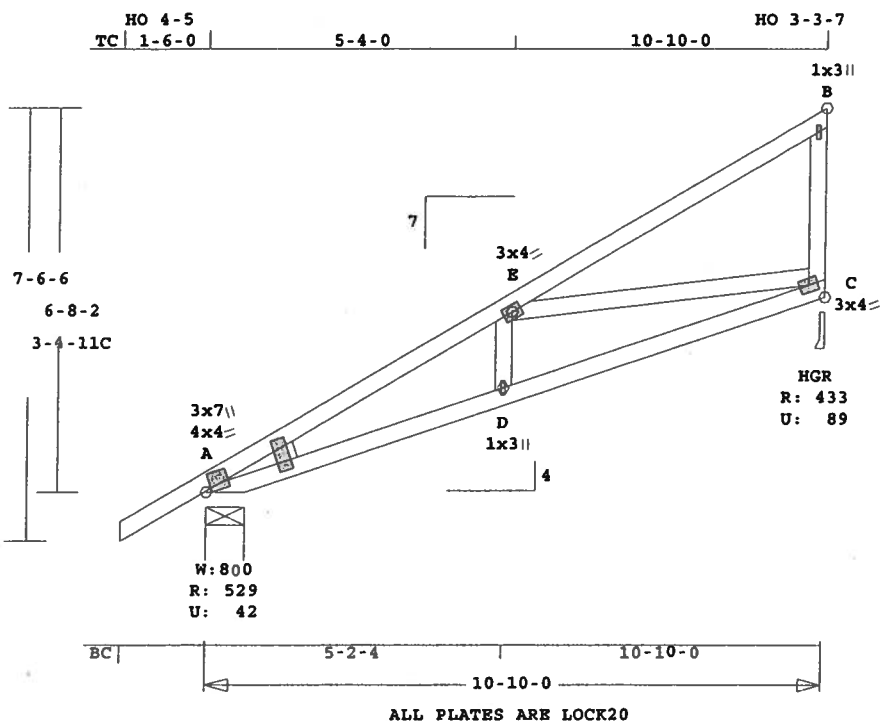
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1488 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A13	3	SP	101000	7	1- 6- 0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 69.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

	CSI	-Size-	-----Lumber-----
TC	0.28	2x 4	SP-#2
BC	0.26	2x 4	SP-#2
WB	0.32	2x 4	SP-#2
WG	---	2x 4	SP-#2

Brace truss as follows:

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	529	43	8- 0	1- 8
			Hz =	129
C	433	90	3- 8	1- 8
			Hz =	174

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
A - E	0.26	940	C	0.00 0.26

	E - B	0.28	58	C	0.00	0.28
-----Bottom Chords-----						
A - D	0.23	873	T	0.09	0.14	
D - C	0.26	870	T	0.09	0.17	
-----Webs-----						
D - E	0.03	222	T			
E - C	0.32	828	C			
C - B	0.02	146	C	WindLd		

TL Defl	-0.08"	in	D - C	L/999
LL Defl	-0.04"	in	D - C	L/999
Hz Disp	LL	DL	TL	
Jt C	0.01"	0.01"	0.01"	
Shear //	Grain	in	E - B	0.21

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 4.0x 4.0 1.0 1.4 1.00
A LOCK 3.0x 7.0 Ctr Ctr 0.00
E LOCK 3.0x 4.0 Ctr Ctr 0.48
B LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 3.0x 4.0 Ctr Ctr 0.55

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

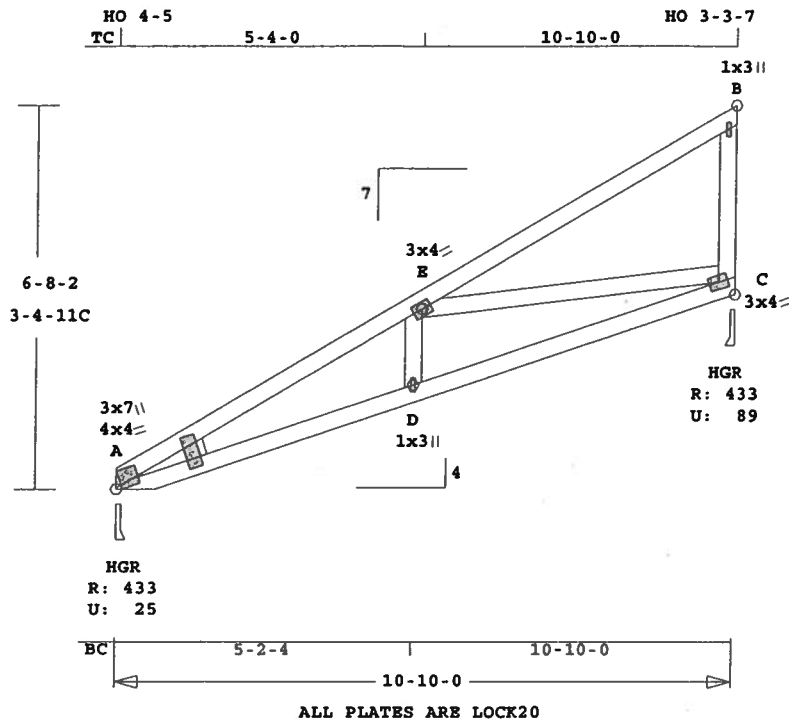
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
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 940 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 66.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

	CSI	-Size-	-----Lumber----
TC	0.28	2x 4	SP-#2
BC	0.26	2x 4	SP-#2
WB	0.32	2x 4	SP-#2
WG	---	2x 4	SP-#2

Brace truss as follows:

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	433	26	3- 8	1- 8
			Hz =	129
C	433	90	3- 8	1- 8
			Hz =	174

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A - E	0.26		940 C	0.00	0.26

E - B	0.28	58 C	0.00	0.28	
-----Bottom Chords-----					
A - D	0.23	873 T	0.09	0.14	
D - C	0.26	870 T	0.09	0.17	
-----Webs-----					
D - E	0.03	222 T			
E - C	0.32	828 C			
C - B	0.02	146 C	WindLd		

	TL Defl	LL Defl	Hz Disp	LL	DL	TL
	-0.08"	-0.04"				
Jt C	0.01"	0.01"				0.01"
Shear // Grain						0.21

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

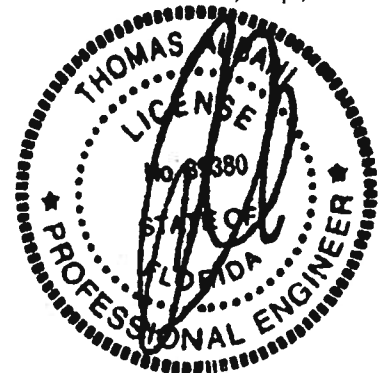
Plate	LOCK	20 Ga	Gross Area
Plate	RHS	20 Ga <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y
JSI			
A	LOCK	4.0x 4.0	1.0 1.4
A	LOCK	3.0x 7.0	Ctr Ctr
E	LOCK	3.0x 4.0	Ctr Ctr
B	LOCK	1.0x 3.0	Ctr Ctr
D	LOCK	1.0x 3.0	Ctr Ctr
C	LOCK	3.0x 4.0	Ctr Ctr

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

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

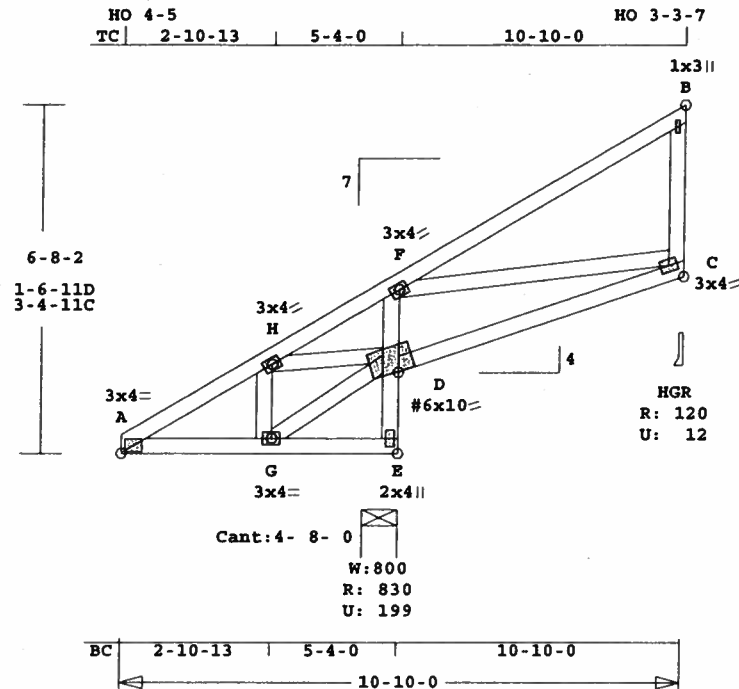
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 940 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	A15	3	SP	101000	7	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.272" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 77.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

	CSI	-Size-	----	Lumber----
TC	0.43	2x 4	SP-#2	
BC	0.22	2x 4	SP-#2	
CW	0.14	2x 4	SP-#2	
WB	0.09	2x 4	SP-#2	

Brace truss as follows:

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
E	831	199	8- 0	1- 8
			Hz =	129
C	120	12	3- 8	1- 8
			Hz =	173

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -H	0.09	192	T	0.03	0.06
H -F	0.43	661	T	0.11	0.32
F -B	0.32	59	C	0.00	0.32
-----Bottom Chords-----					
A -G	0.06	163	C	0.00	0.06
G -E	0.04	119	T	0.00	0.04
D -C	0.22	559	C	0.00	0.22

-----Chord-Webs-----					
E -D	0.14	815	C	0.00	0.14
D -F	0.10	628	C	0.00	0.10
-----Webs-----					
G -H	0.02	164	T		
G -D	0.01	148	C		
H -D	0.04	378	C		
F -C	0.09	526	T		
C -B	0.01	141	C	WindLd	

TL Defl	-0.05"	in D -C	L/999
LL Defl	-0.02"	in D -C	L/999
LL Cant	-0.03"	in A -G	L/999
Hz Disp	LL	DL	TL
Jt C	0.01"	0.01"	0.02"
Shear // Grain	in F -B		0.22

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	Ctr	0.60	
H LOCK	3.0x 4.0	Ctr	Ctr	0.48	
F LOCK	3.0x 4.0	Ctr	Ctr	0.54	
B LOCK	1.0x 3.0	Ctr	Ctr	0.75	
G LOCK	3.0x 4.0	Ctr	Ctr	0.41	
E LOCK	2.0x 4.0	Ctr	Ctr	0.58	
D# LOCK	6.0x10.0-0.1	0.9	0.41		
C LOCK	3.0x 4.0	Ctr	Ctr	0.55	

= Plate Monitor used

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.

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

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

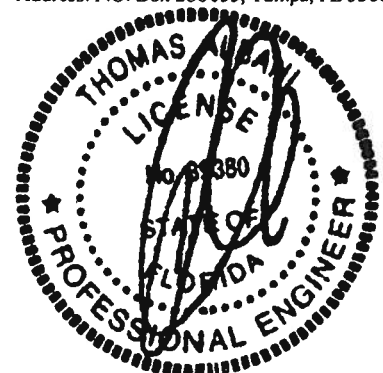
TC Dead Load : 5.0 psf

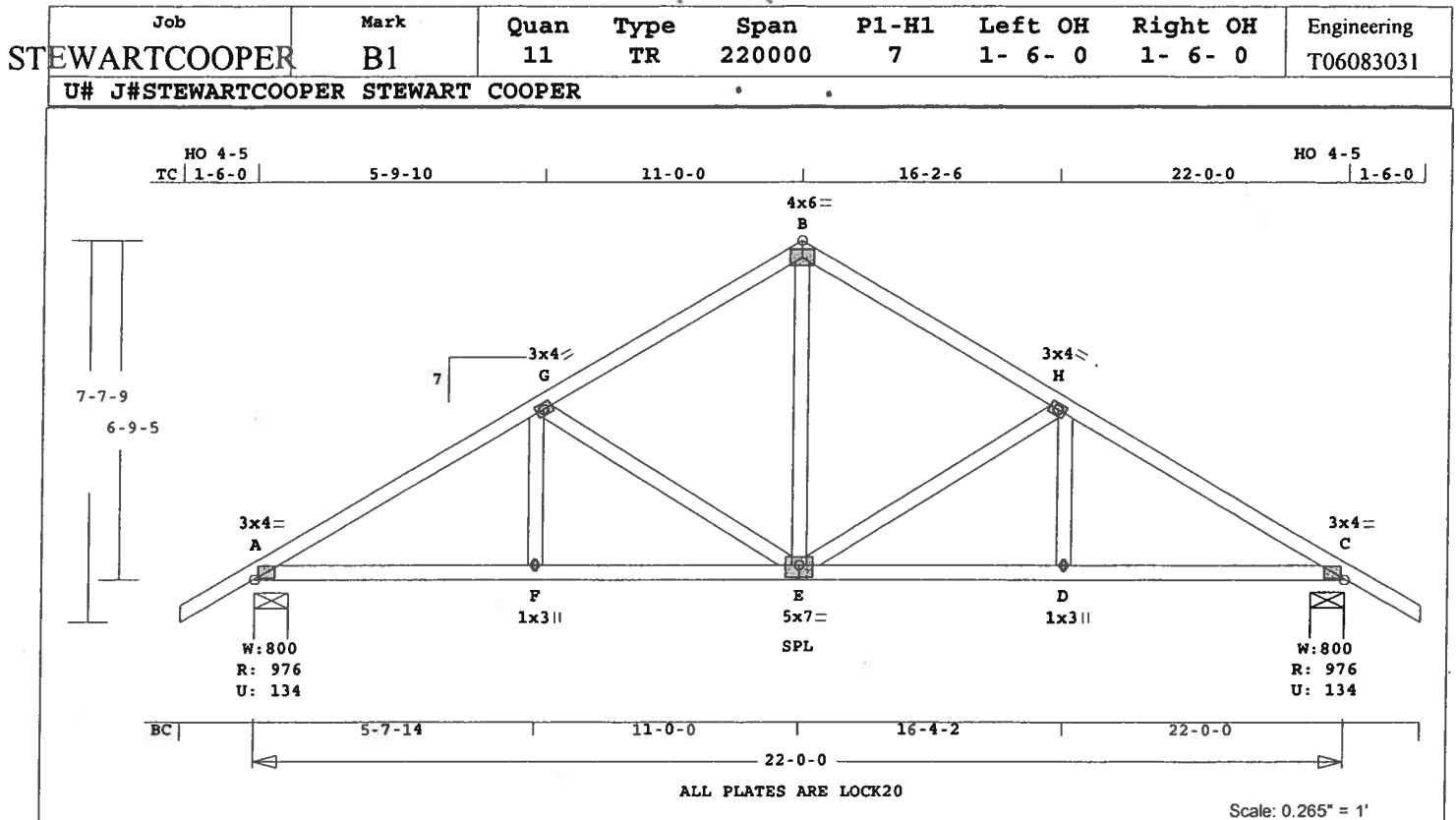
BC Dead Load : 5.0 psf

Max comp. force 815 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 142.7 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ----Lumber-----
TC 0.28 2x 4 SP-#2
BC 0.26 2x 4 SP-#2
WB 0.21 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 22- 0- 0
BC Cont. 0- 0- 0 22- 0- 0

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

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
A 976 134 8- 0 1- 8
Hz = -129
C 976 134 8- 0 1- 8
Hz = 130

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -G 0.28 1296 C 0.01 0.27
G -B 0.27 877 C 0.00 0.27
B -H 0.27 877 C 0.00 0.27
H -C 0.28 1296 C 0.01 0.27
-----Bottom Chords-----
A -F 0.26 1124 T 0.18 0.08
F -E 0.26 1124 T 0.18 0.08
E -D 0.26 1124 T 0.18 0.08

D -C 0.26 1124 T 0.18 0.08
-----Webs-----
F -G 0.03 218 T
G -E 0.21 439 C
E -B 0.10 574 T
E -H 0.21 439 C
D -H 0.03 218 T

TL Defl -0.08" in F -E L/999
LL Defl -0.03" in F -E L/999
Shear // Grain in A -G 0.19

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 Ctr 0.77
G LOCK 3.0x 4.0 Ctr Ctr 0.62
B LOCK 4.0x 6.0 Ctr Ctr 0.55
H LOCK 3.0x 4.0 Ctr Ctr 0.62
C LOCK 3.0x 4.0 Ctr Ctr 0.77
F LOCK 1.0x 3.0 Ctr Ctr 0.81
E LOCK 5.0x 7.0 Ctr-0.5 0.59
D LOCK 1.0x 3.0 Ctr Ctr 0.81

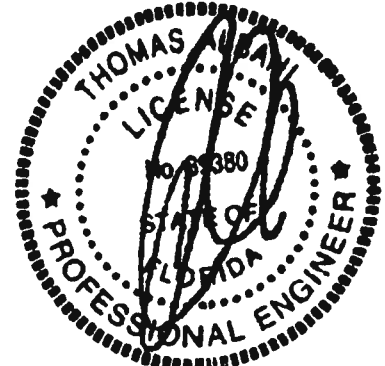
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

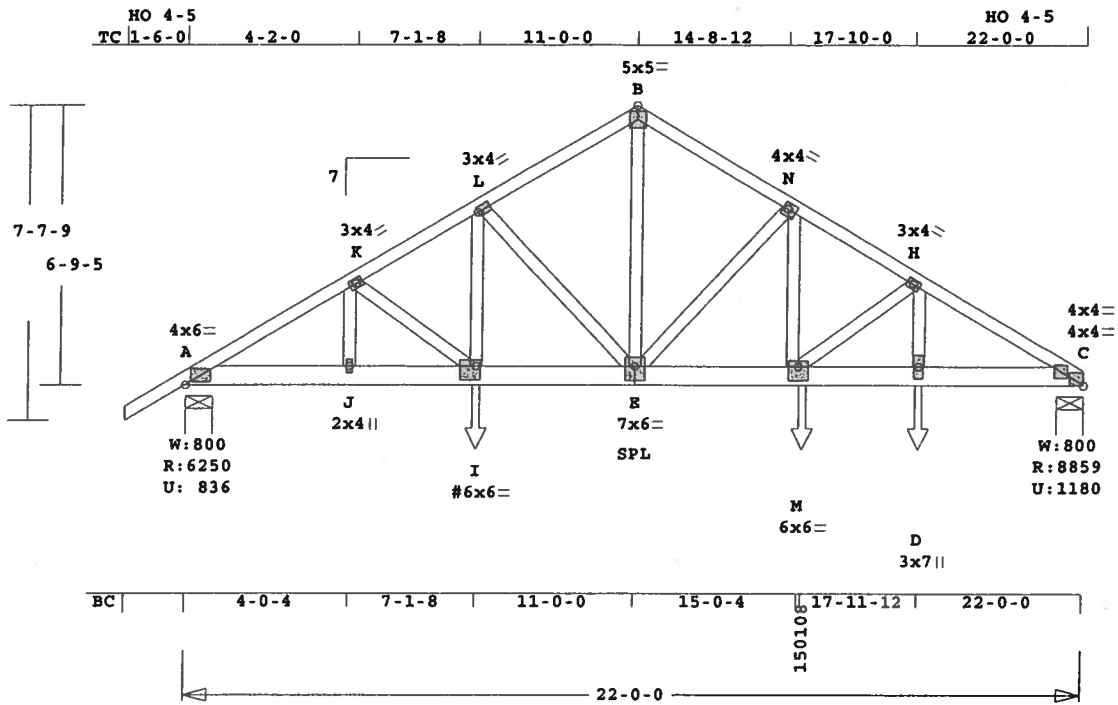
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1296 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	B2	1*3P	TR	220000	7	1- 6- 0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.213" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 180.3 LBS

Online Plus -- Version 19.0.034

RUN DATE: 28-AUG-06

* 3-Ply Truss *

CSI -Size- ---Lumber---
TC 0.33 2x 4 SP-#2
BC 0.73 2x 6 SP-#2
WB 0.53 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 0- 0
BC Cont.	0- 0- 0	22- 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

Load Case # 1 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 22.0'
BC V 0 20 0.0' 22.0'
BC V 300 300 8.0' 16.0'
BC V 88 88 16.0' 22.0'
BC V 1375 1375 7.1' CL-LB
BC V 1411 1411 18.0' CL-LB
BC V 914 914 15.1' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	6251	837	8- 0	2- 7
			Hx =	-128
C	8859	1180	8- 0	3- 8
			Hx =	130

Membr CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----
A -K 0.18 11384 C 0.12 0.06
K -L 0.20 11508 C 0.12 0.08
L -B 0.16 8995 C 0.06 0.10
B -N 0.16 8997 C 0.06 0.10
N -H 0.25 13081 C 0.15 0.10
H -C 0.33 15861 C 0.23 0.10

-----Bottom Chords-----
A -J 0.54 9814 T 0.39 0.15
J -I 0.54 9814 T 0.39 0.15
I -E 0.68 9944 T 0.40 0.28
E -M 0.73 11311 T 0.45 0.28
M -D 0.73 13680 T 0.55 0.18
D -C 0.73 13680 T 0.55 0.18

-----Webs-----
J -K 0.00 314 C
K -I 0.01 221 T
I -L 0.20 3413 T
L -E 0.10 3138 C
E -B 0.53 8747 T
E -N 0.17 5134 C
M -N 0.34 5640 T
M -H 0.09 2951 C
D -H 0.18 3086 T

TL Defl -0.24" in E -M L/999
LL Defl -0.12" in E -M L/999
Shear // Grain in I -E 0.37

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 4.0x 6.0 Ctr Ctr 0.86
K LOCK 3.0x 4.0 Ctr Ctr 0.62
L LOCK 3.0x 4.0 Ctr Ctr 0.97
B LOCK 5.0x 5.0 Ctr Ctr 0.98
N LOCK 4.0x 4.0 0.4-0.3 0.98
H LOCK 3.0x 4.0 Ctr Ctr 0.87
C LOCK 4.0x 4.0 Ctr 0.4 0.88
C LOCK 4.0x 4.0 Ctr Ctr 0.78
J LOCK 2.0x 4.0 Ctr Ctr 0.38
I# LOCK 6.0x 6.0 Ctr-1.1 0.47
E LOCK 7.0x 6.0 Ctr-0.8 0.74
M LOCK 6.0x 6.0 Ctr-1.2 0.79
D LOCK 3.0x 7.0 Ctr Ctr 0.74

= Plate Monitor used

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

3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS4.5 screws -OR- 16d nails
as each layer is applied.)

-----Spacing (In)-----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 11 17 0
WB 1 8 8

No bolts in 2x4s or smaller.
Plus clusters of nails where
shown.

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.

NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.

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

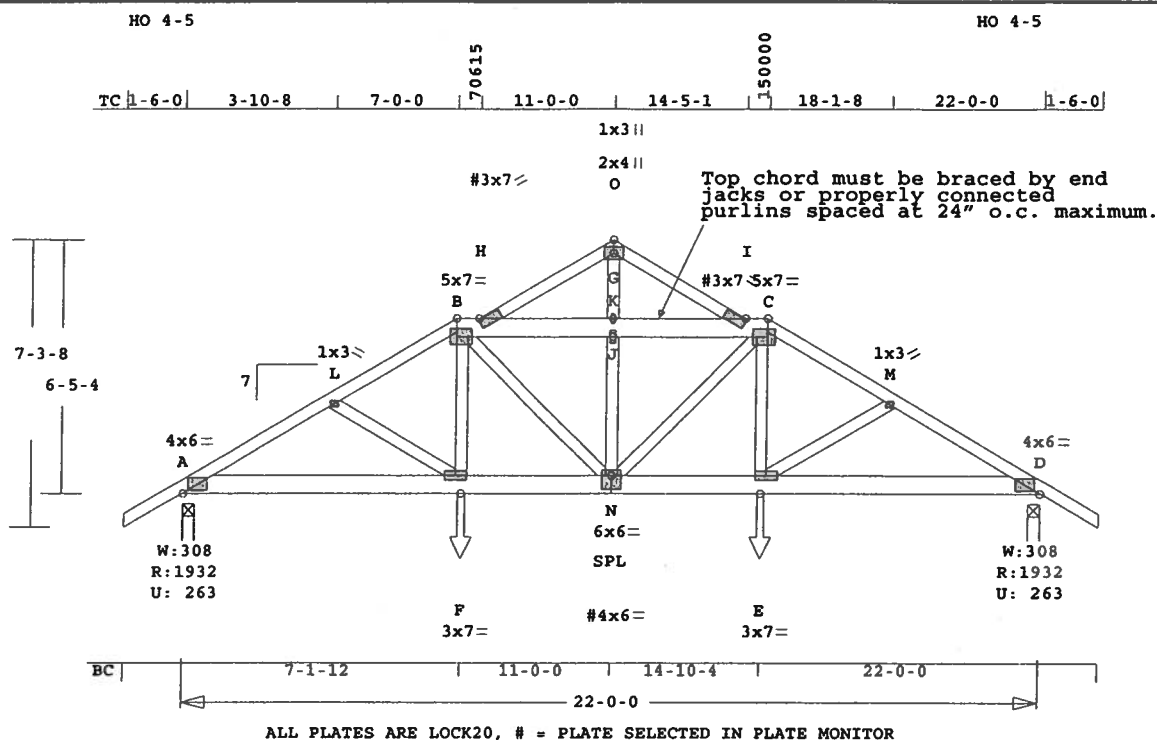
Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	B2	1*3P	TR	220000	7	1- 6- 0	0	T06083031
U# J#STEWARTCOOPER STEWART COOPER								

TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 15861 Lbs
 Quality Control Factor 1.25

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 193.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

TC	EX B	BC	WB	Size	Lumber
0.47	2x 4	2x 6	2x 4	SP-#2	
0.49	2x 6	2x 6	2x 4	SP-#2	
0.14	2x 4	2x 4	2x 4	SP-#2	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 0- 0
BC Cont.	0- 0- 0	22- 0- 0

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=1.00	FC=1.00	Ft=1.00	
BC Fb=1.00	FC=1.00	Ft=1.00	

Load Case # 1 Girder Loading

Lumber Duration Factor	Plate Duration Factor
1.25	1.25

plf	Live	Dead	From	To
TC V	40	20	0.0'	22.0'
BC V	0	20	0.0'	22.0'
TC V	50	25	7.0'	15.0'
BC V	0	25	7.1'	14.9'
BC V	280	280	7.1'	CL-LB
BC V	280	280	14.9'	CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1932	264	3- 8	2- 4
			Hx =	-80
D	1932	264	3- 8	2- 4
			Hx =	81

Membr CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----
A -L 0.26 3183 C 0.09 0.17

L -B	0.47	3050	C	0.07	0.40
B -O	0.31	3144	C	0.03	0.28
O -C	0.31	3144	C	0.03	0.28
C -M	0.47	3050	C	0.07	0.40
M -D	0.26	3183	C	0.09	0.17
-----Bottom Chords-----					
A -F	0.49	2739	T	0.36	0.13
F -N	0.45	2647	T	0.35	0.10
N -E	0.45	2647	T	0.35	0.10
E -D	0.49	2739	T	0.36	0.13
-----Webs-----					
L -F	0.01	85	C		
F -B	0.13	715	T		
B -N	0.12	699	T		
N -O	0.14	737	C		
N -C	0.12	699	T		
E -C	0.13	715	T		
E -M	0.01	85	C		

TL Defl -0.18" in N -E L/999
LL Defl -0.09" in N -E L/999
Shear // Grain in H -O 0.30

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 -	LOCK	20 Ga <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr	Ctr 0.72
L LOCK	1.0x 3.0	Ctr	Ctr 0.75
B LOCK	5.0x 7.0	0.5	Ctr 0.94
O LOCK	2.0x 4.0	Ctr	Ctr 0.40
C LOCK	5.0x 7.0	0.5	Ctr 0.94
M LOCK	1.0x 3.0	Ctr	Ctr 0.75
D LOCK	4.0x 6.0	Ctr	Ctr 0.72
F LOCK	3.0x 7.0	Ctr	Ctr 0.35
N LOCK	6.0x 6.0	Ctr	1.2 0.60
E LOCK	3.0x 7.0	Ctr	Ctr 0.35

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

Girder Step Down 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

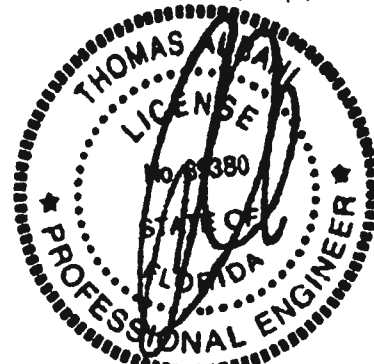
TC Dead Load: 5.0 psf

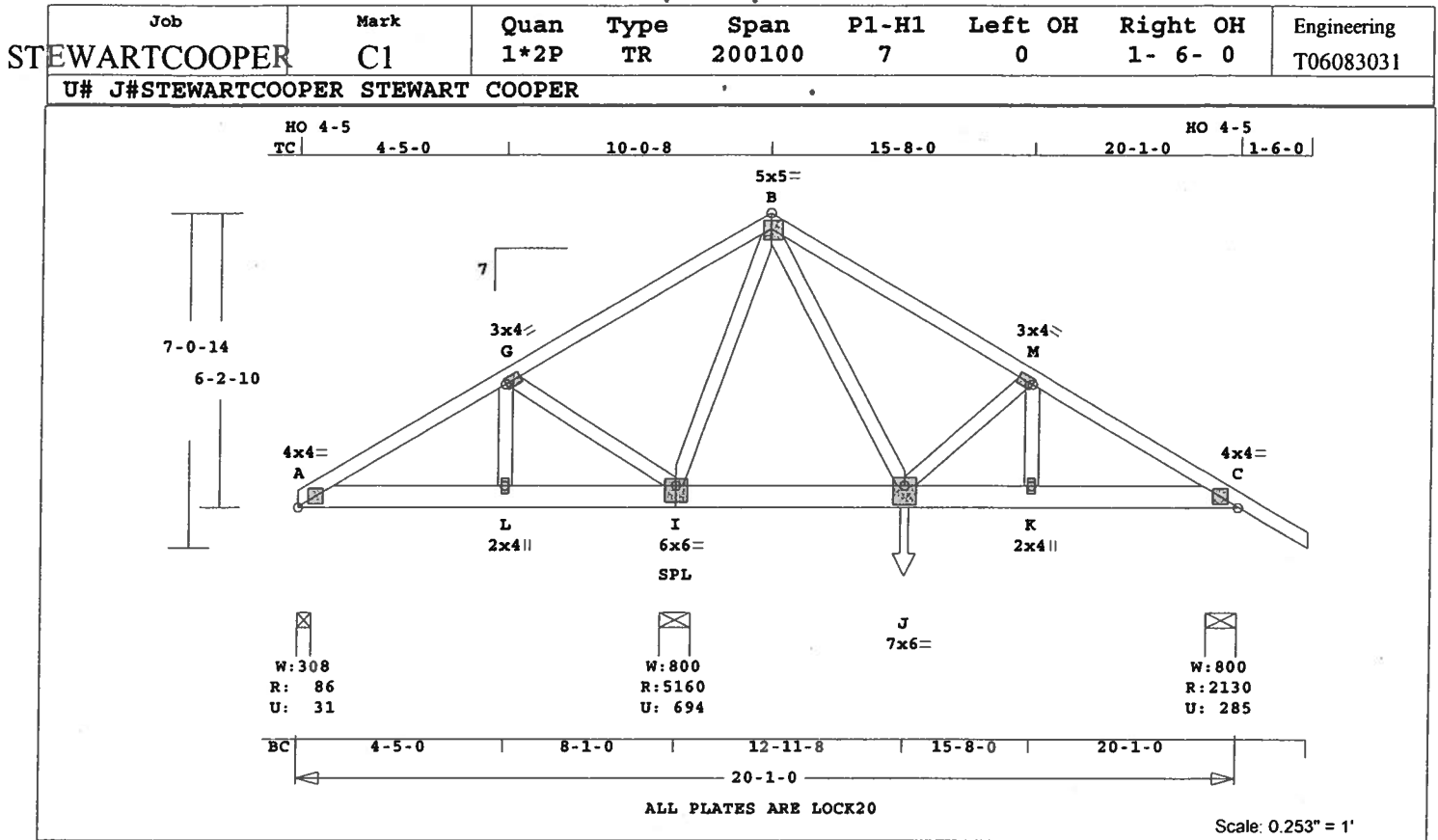
BC Dead Load: 5.0 psf

Max comp. force 3183 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 150.0 LBS

Online Plus -- Version 19.0.034
 RUN DATE: 28-AUG-06

 * 2-Ply Truss *

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

	CSI	Size	Lumber
TC	0.61	2x 4	SP-#2
BC	0.62	2x 6	SP-#2
WB	0.44	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	20- 1- 0	
BC Cont.	0- 0- 0	20- 1- 0	

Loading Live Dead (psf)

	Live	Dead
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 Standard Loading

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

plf - Live Dead From To

	Live	Dead	From	To
TC V	40	20	0.0'	20.1'
BC V	0	20	0.0'	20.1'
BC V	300	300	8.1'	13.0'
BC V	1375	1375	13.0'	CL-LB

Plus 6 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	86	32	3- 8	1- 8
			Hz =	-117
I	5161	695	8- 0	2-15
C	2131	285	8- 0	1- 8
			Hz =	118

Membr CSI P Lbs Ax1-CSI-Bnd

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

	CSI	P	Lbs	Ax1-CSI-Bnd
A -G	0.34	264	T	0.02 0.32
G -B	0.40	222	T	0.02 0.38
B -M	0.61	3485	C	0.02 0.59

	M	-C	0.15	3529	C	0.01	0.14
-----Bottom Chords-----							
A -L	0.09	193	C	0.00	0.09		
L -I	0.57	193	C	0.00	0.57		
I -J	0.62	805	T	0.05	0.57		
J -K	0.41	3031	T	0.20	0.21		
K -C	0.27	3031	T	0.20	0.07		
-----Webs-----							
L -G	0.01	326	C				
G -I	0.00	166	C				
I -B	0.23	3189	C				
B -J	0.44	4868	T				
J -M	0.01	175	T				
K -M	0.00	165	C				

TL Defl -0.10" in I -J L/999

LL Defl -0.05" in I -J L/999

Shear // Grain in I -J 0.68

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

	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 4.0	Ctr	Ctr	0.63
G	LOCK	3.0x 4.0	Ctr	Ctr	0.59
B	LOCK	5.0x 5.0	0.5-0.2	0.91	
M	LOCK	3.0x 4.0	Ctr	Ctr	0.59
C	LOCK	4.0x 4.0	Ctr	Ctr	0.63
L	LOCK	2.0x 4.0	Ctr	Ctr	0.38
I	LOCK	6.0x 6.0	Ctr	-1.2	0.51
J	LOCK	7.0x 6.0	Ctr	-1.3	0.89
K	LOCK	2.0x 4.0	Ctr	Ctr	0.38

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

2 COMPLETE TRUSSES REQUIRED.

Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

----Spacing (In)----

Rows	Nails	Screws	Bolts
TC 1	12	24	0
BC 2	12	23	0
WB 1	8	8	

Plus clusters of nails where shown.

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL 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 3529 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani

License #: 39380

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

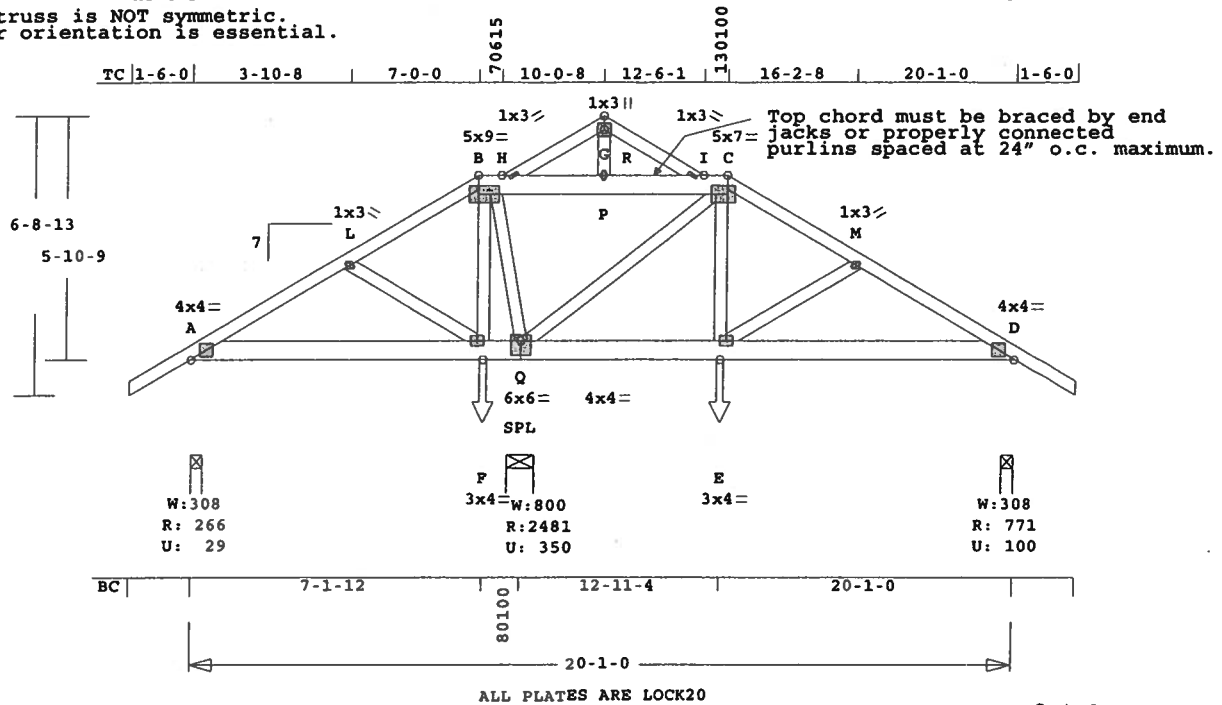


Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	C2	1	DDHIP	200100	7	1- 6- 0	1- 6- 0	T06083031

U# J#STEWARTCOOPER STEWART COOPER

HO 4-5
This truss is NOT symmetric.
Proper orientation is essential.

HO 4-5



ALL PLATES ARE LOCK20

Scale: 0.216" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 169.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ---Lumber---
TC 0.43 2x 4 SP-#2
EX B -C 2x 6 SP-#2
BC 0.40 2x 6 SP-#2
WB 0.63 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	20- 1- 0
BC Cont.	0- 0- 0	20- 1- 0

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=1.00 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
plf - Live Dead From To
TC V 40 20 0.0' 20.1'
BC V 0 20 0.0' 20.1'
TC V 50 25 7.0' 13.1'
BC V 0 25 7.1' 12.9'
BC V 280 280 7.1' CL-LB
BC V 280 280 12.9' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	267	30	3- 8	1- 8
			Hz =	-80
Q	2482	351	8- 0	2-13
D	771	101	3- 8	1- 8
			Hz =	81

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----

A -L	0.12	60	T	0.01	0.11
L -B	0.16	203	T	0.04	0.12
B -C	0.61	413	T	0.05	0.56
C -M	0.43	780	C	0.00	0.43
M -D	0.16	927	C	0.00	0.16
-----Bottom Chords-----					
A -F	0.12	87	T	0.00	0.12
F -Q	0.31	192	C	0.00	0.31
Q -E	0.40	683	T	0.09	0.31
E -D	0.24	801	T	0.10	0.14
-----Webs-----					
L -F	0.04	205	C		
F -B	0.08	460	T		
B -Q	0.23	1145	C		
Q -C	0.63	1389	C		
E -C	0.13	756	T		
E -M	0.02	115	C		

TL Defl -0.07" in E -D L/999
LL Defl -0.03" in E -D L/999
Shear // Grain in H -I 0.33

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 4.0x 4.0 Ctr Ctr 0.63

L LOCK 1.0x 3.0 Ctr Ctr 0.75

B LOCK 5.0x 9.0 Ctr Ctr 0.77

C LOCK 5.0x 7.0 0.5 Ctr 0.84

M LOCK 1.0x 3.0 Ctr Ctr 0.75

D LOCK 4.0x 4.0 Ctr Ctr 0.63

F LOCK 3.0x 4.0 Ctr Ctr 0.51

Q LOCK 6.0x 6.0 Ctr-1.2 0.89

E LOCK 3.0x 4.0 Ctr Ctr 0.57

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

Girder Step Down 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.

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 1389 Lbs

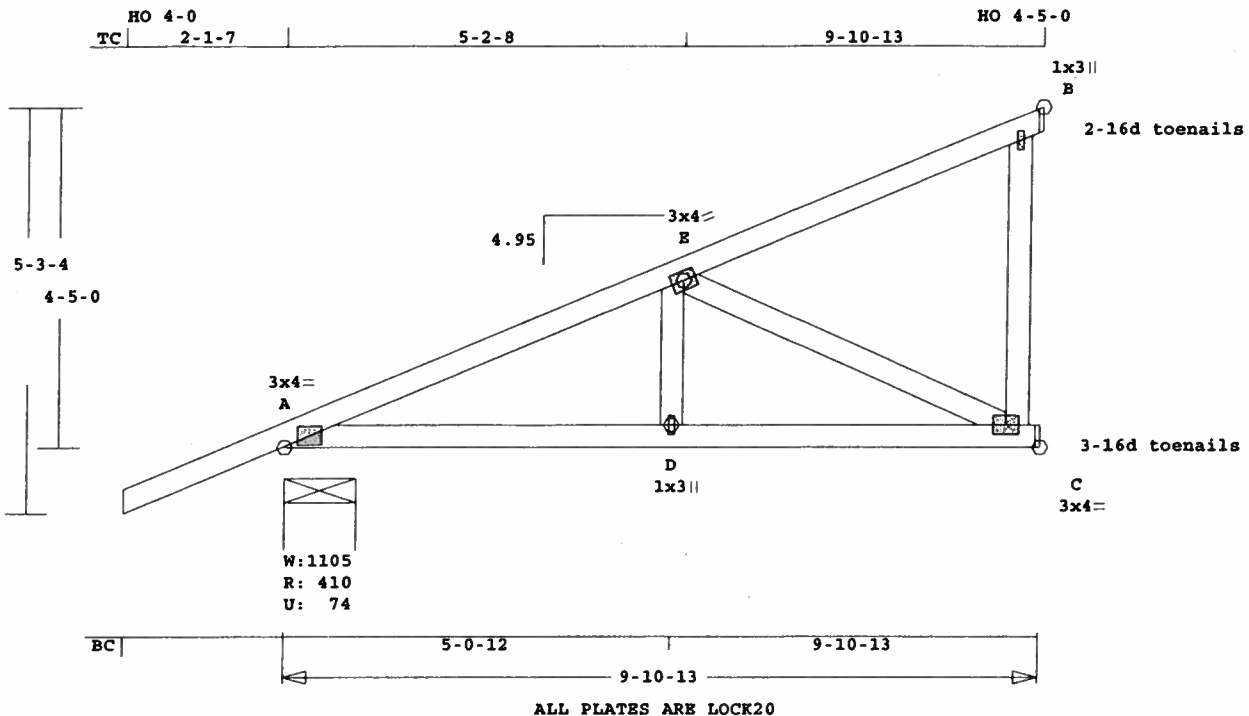
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	CJ1	4	MONO.DD	91013	4.95	2- 1- 7	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 62.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI	-Size-	-----Lumber-----
TC	0.36	2x 4 SP-#2
BC	0.26	2x 4 SP-#2
WB	0.18	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9-10-13
BC Cont.	0- 0- 0	9-10-13

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=1.00 Fc=1.00 Ft=1.00			
BC Fb=1.00 Fc=1.00 Ft=1.00			

Load Case # 1 Girder Loading	Lumber Duration Factor	Plate Duration Factor	plf - Live	Dead	From	To
TC V	40	20	0.0'	9.9'		
BC V	0	20	0.0'	9.9'		
TC V	-40	-20	0.0'	9.9'		
BC V	45	22		9.9'		
BC V	0	-20	0.0'	9.9'		
	0	22		9.9'		

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
A	411	74	11- 5	1- 8
			Hx =	-51
C	348	12	1- 8	1- 8
B	242	85	1- 8	1- 8
			Hx =	148

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A - E	0.31	557 C	0.00	0.31
E - B	0.36	92 T	0.00	0.36
-----Bottom Chords-----				
A - D	0.22	533 T	0.06	0.16
D - C	0.26	533 T	0.06	0.20
-----Webs-----				
D - E	0.03	235 T		
E - C	0.18	588 C		
C - B	0.02	0 T	WindLd	

TL Defl -0.05" in D - C L/999
LL Defl -0.02" in D - C L/999
Shear // Grain in E - B 0.27

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 Ctr 0.62
E LOCK 3.0x 4.0 Ctr Ctr 0.44
B LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 3.0x 4.0 Ctr Ctr 0.54

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:

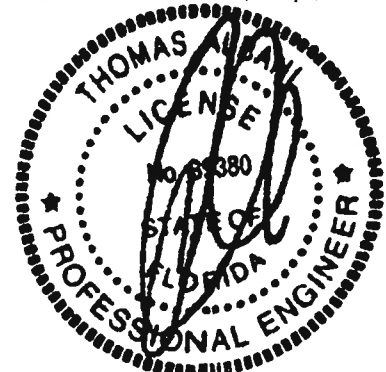
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Girder King Jack
Loading TC and BC
Setback 7- 0- 0

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.

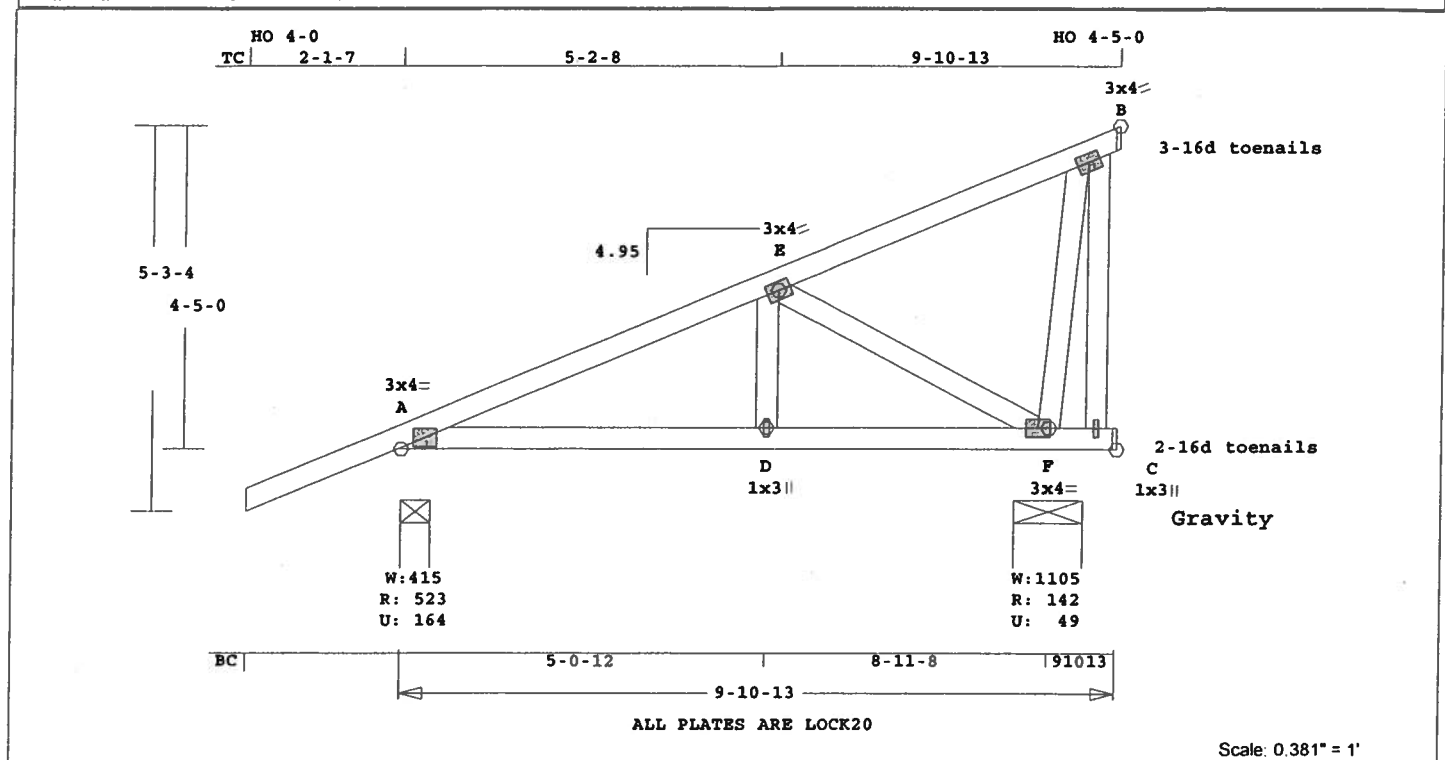
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 588 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
STEWARTCOOPER	CJ1A	1	MONO.DD	91013	4.95	2- 1- 7	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 68.7 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ---Lumber---
TC 0.25 2x 4 SP-#2
BC 0.18 2x 4 SP-#2
WB 0.12 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9-10-13
BC Cont.	0- 0- 0	9-10-13

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	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	524	165	4-15	1- 8
			Hz =	-49
C	143	49	11- 5	1- 8
C	50	114	1- 8	1- 8
B	376	149	1- 8	1- 8
			Hz =	141

G = Gravity Uplift

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.25	533	C	0.00	0.25
E -B	0.25	99	T	0.00	0.25
-----Bottom Chords-----					
A -D	0.18	503	T	0.08	0.10

D -F	0.16	503	T	0.08	0.08
F -C	0.04	46	T	0.00	0.04
-----Webs-----					
D -E	0.03	195	T		
E -F	0.12	525	C		
F -B	0.05	272	T		
C -B	0.02	0	T	WindLd	

TL Defl -0.03" in A -D L/999
LL Defl -0.01" in A -D L/999
Shear // Grain in E -B 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
Plate - RHS	20 Ga, <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y
A	LOCK	3.0x 4.0	Ctr Ctr
E	LOCK	3.0x 4.0	Ctr Ctr
B	LOCK	3.0x 4.0	Ctr Ctr
D	LOCK	1.0x 3.0	Ctr Ctr
F	LOCK	3.0x 4.0	Ctr Ctr
C	LOCK	1.0x 3.0	Ctr Ctr

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:

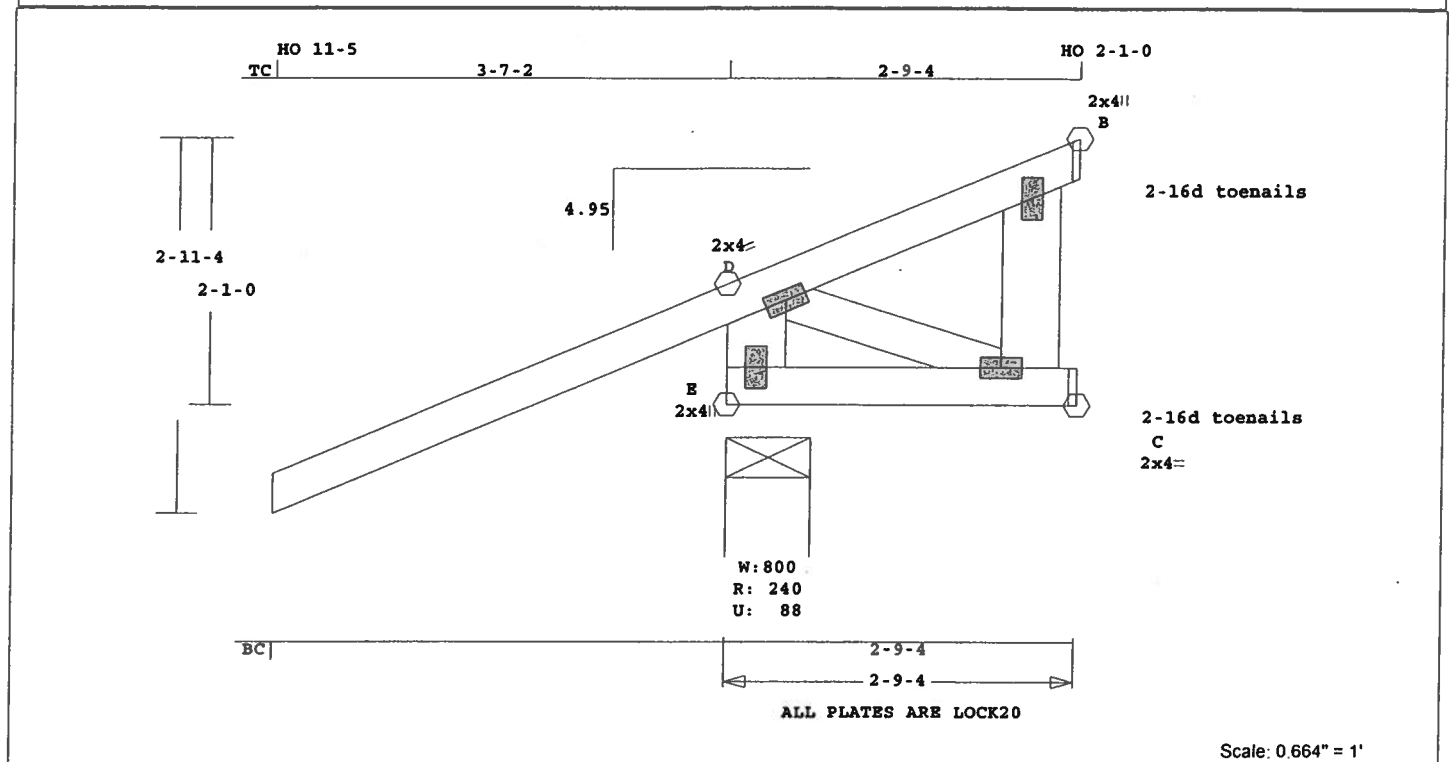
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
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 8-11- 8
Max comp. force 533 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	CJ2	2	JCA2.DD	20904	4.95	3- 7- 2	0	T06083031
U# J#STEWARTCOOPER STEWART COOPER								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 27.3 LBS
B 12 7 3- 8 1- 8

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI	Size	Lumber
TC	0.00 2x 4	SP-#2
BC	0.00 2x 4	SP-#2
WB	0.00 2x 6	SP-#2
EX D -C	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	2- 9- 4
BC Cont.	0- 0- 0	2- 9- 4

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=1.00 Fc=1.00 Ft=1.00			
BC Fb=1.00 Fc=1.00 Ft=1.00			

Load Case # 1 Girder Loading	Lumber Duration Factor	Plate Duration Factor
plf - Live Dead From To		
TC V 40 20 0.0' 2.8'		
BC V 0 20 0.0' 2.8'		
TC V -40 -20 0.0' 2.8'		
BC V -31 -15 0.0' 2.8'		
TC V 0 -20 0.0' 2.8'		
BC V 0 -15 0.0' 2.8'		

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
E	241	88	8- 0	1- 8
			Hx =	-33
C	8	4	3- 8	1- 8
			Hx =	36

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
D -B	0.00		14 T		
-----Bottom Chords-----					
E -C	0.00		28 T		
-----Webs-----					
E -D	0.00		9 T	WindLd	
D -C	0.00		18 T		
C -B	0.00		0 T	WindLd	

TL Defl	0.00"	in E -C	L/999
LL Defl	0.00" <td>in E -C</td> <td>L/999</td>	in E -C	L/999
Shear //	Grain	in D -B	0.01

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
D LOCK 2.0x 4.0 Ctr Ctr 0.75
B LOCK 2.0x 4.0 Ctr Ctr 0.38
E LOCK 2.0x 4.0 Ctr Ctr 0.38
C LOCK 2.0x 4.0 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.

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

Girder King Jack
Loading TC and BC
Setback 2- 8- 0

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.

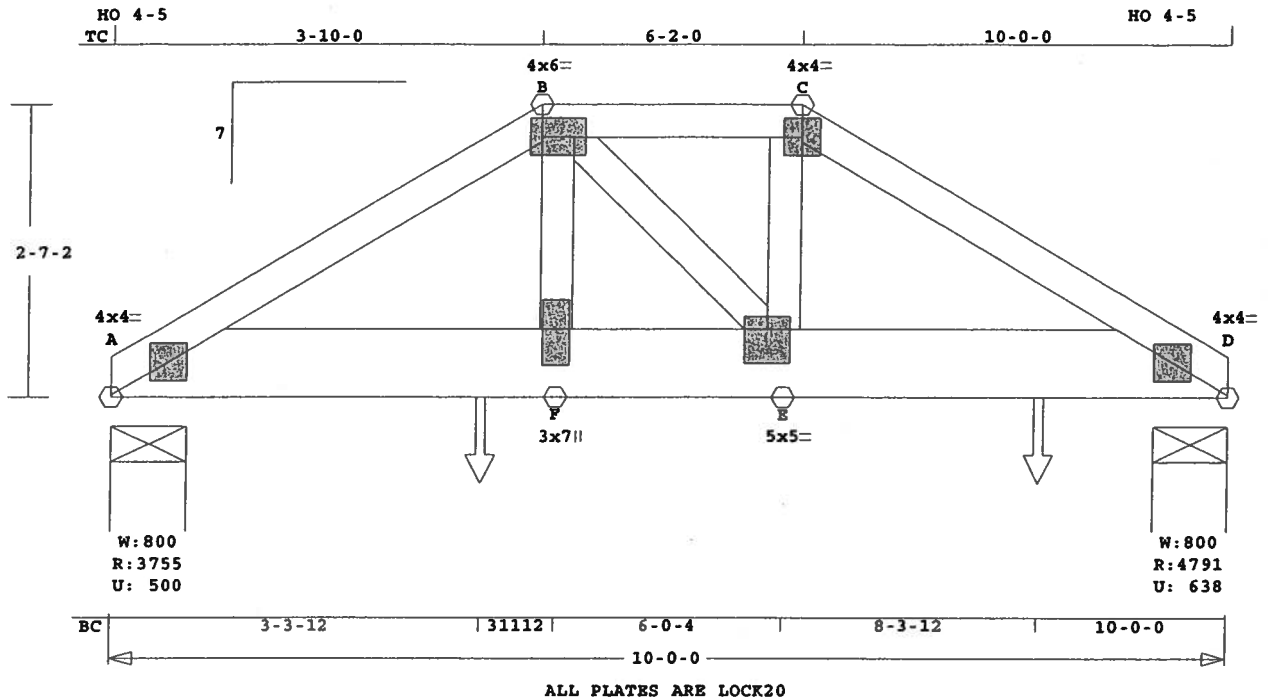
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 14 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	D1	1*2P	HIPP	100000	7	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 70.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

* 2-Ply Truss *

CSI -Size- ---Lumber---
TC 0.40 2x 4 SP-#2
BC 0.82 2x 8 SP-#2
WB 0.23 2x 4 SP-#2

Brace truss as follows:

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

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=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Load Case # 1 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 10.0'
BC V 0 20 0.0' 10.0'
BC V 129 129 0.0' 10.0'
BC V 1210 1210 3.3' CL-LB
BC V 1376 1376 8.3' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	3755	500	8- 0	2- 3
			Hx =	-42
D	4792	638	8- 0	2-13
			Hx =	43

Membr CSI P Lbs Axl-CSt-Bnd

-----Top Chords-----
A -B 0.36 5435 C 0.05 0.31
B -C 0.22 4668 C 0.04 0.18
C -D 0.40 5288 C 0.06 0.34
-----Bottom Chords-----
A -F 0.72 4787 T 0.27 0.45
F -E 0.44 4660 T 0.26 0.18
E -D 0.82 4668 T 0.26 0.56
-----Webs-----
F -B 0.23 2555 T
B -E 0.00 44 T
E -C 0.20 2263 T

TL Defl -0.07" in F -E L/999
LL Defl -0.03" in F -E L/999
Shear // Grain in A -F 0.78

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 4.0x 4.0 Ctr Ctr 0.93
B LOCK 4.0x 6.0 Ctr Ctr 0.88
C LOCK 4.0x 4.0 Ctr Ctr 0.67
D LOCK 4.0x 4.0 Ctr Ctr 0.90
F LOCK 3.0x 7.0 Ctr-0.4 0.91
E LOCK 5.0x 5.0 Ctr-1.1 0.76

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
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered

pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails
as each layer is applied.)

-----Spacing (In)-----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 12 24 0
WB 1 8 8

Plus clusters of nails where
shown.

Design checked for 10 psf non-
concurrent LL 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

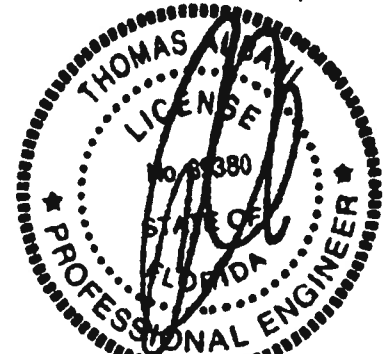
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 5435 lbs

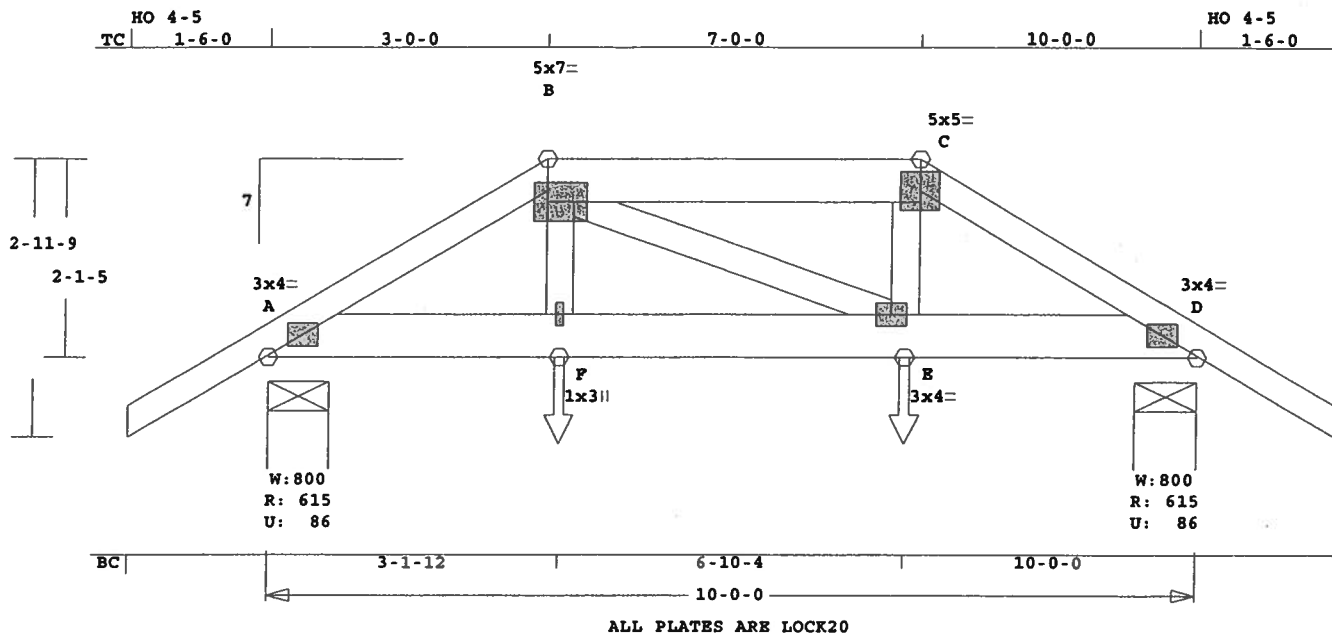
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	D2	1	HIPP	100000	7	1- 6- 0	1- 6- 0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.489" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 71.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI	Size	Lumber
TC	0.12	2x 4 SP-#2
EX B -C	2x 6	SP-#2
BC	0.15	2x 6 SP-#2
WB	0.03	2x 4 SP-#2

Brace truss as follows:

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

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=1.00 Fc=1.00 Ft=1.00			
BC Fb=1.00 Fc=1.00 Ft=1.00			

Load Case # 1 Girder Loading	Lumber Duration Factor	Plate Duration Factor	plf - Live	Dead	From	To
TC V	40	20	0.0'	10.0'		
BC V	0	20	0.0'	10.0'		
TC V	10	5	3.0'	7.0'		
BC V	0	5	3.1'	6.9'		
BC V	40	40	3.1'	CL-LB		
BC V	40	40	6.9'	CL-LB		

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	615	86	8- 0	1- 8
			Hz =	-32
D	615	86	8- 0	1- 8
			Hz =	33

Membr	CSI	P	Lbs	Axl-CSI-Bnd
-----Top Chords-----				
A -B	0.11	745	C	0.00 0.11
B -C	0.14	701	C	0.00 0.14
C -D	0.12	797	C	0.00 0.12
-----Bottom Chords-----				
A -F	0.14	658	T	0.08 0.06
F -E	0.15	649	T	0.08 0.07
E -D	0.10	701	T	0.09 0.01
-----Webs-----				
F -B	0.02	172	T	
B -E	0.01	56	T	
E -C	0.03	210	T	

TL Defl -0.03" in F -E L/999
LL Defl -0.01" in F -E 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
Jt Type	Plt Size	X	Y JSI
A LOCK	3.0x 4.0	Ctr	Ctr 0.68
B LOCK	5.0x 7.0	Ctr	Ctr 0.75
C LOCK	5.0x 5.0	Ctr	Ctr 0.46
D LOCK	3.0x 4.0	Ctr	Ctr 0.68
F LOCK	1.0x 3.0	Ctr	Ctr 0.75
E LOCK	3.0x 4.0	Ctr	Ctr 0.40

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

Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 3- 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

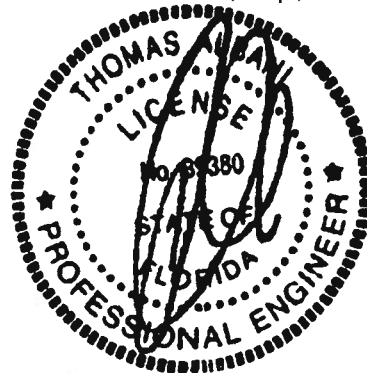
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

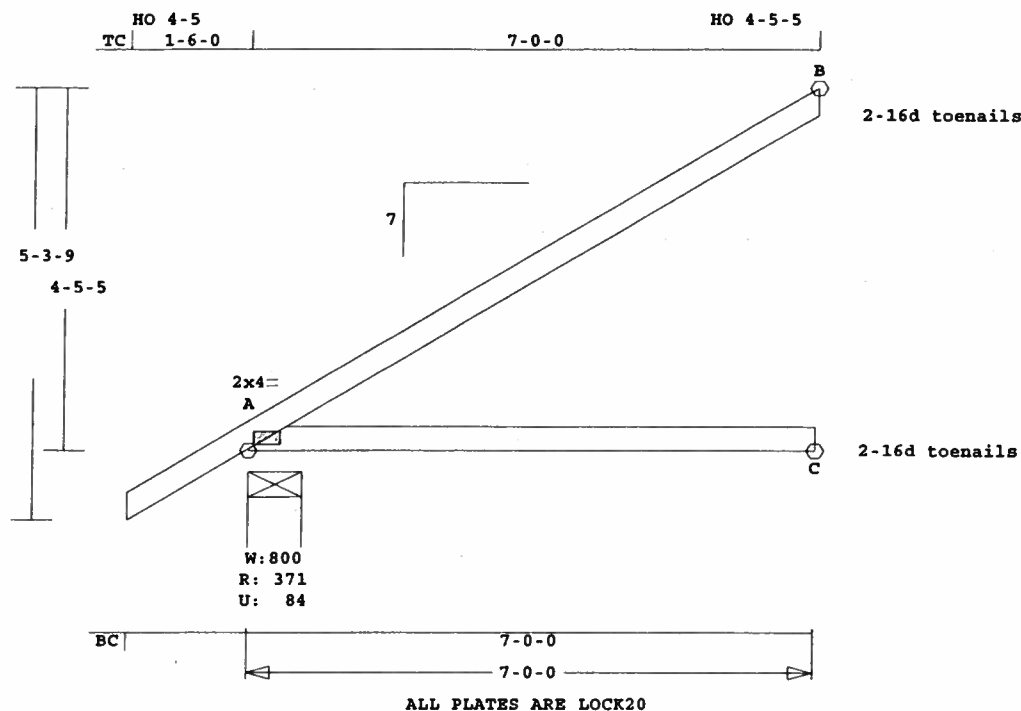
Max comp. force 797 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.425" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.1 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -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	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			

-----Bottom Chords-----
A -C 0.34 0 T 0.00 0.34

TL Defl -0.18" in A -C L/396
LL Defl -0.07" in A -C L/976
Shear // Grain in A -B 0.22

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 0.66

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-
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 7- 0- 0

Max comp. force 69 Lbs
Quality Control Factor 1.25

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

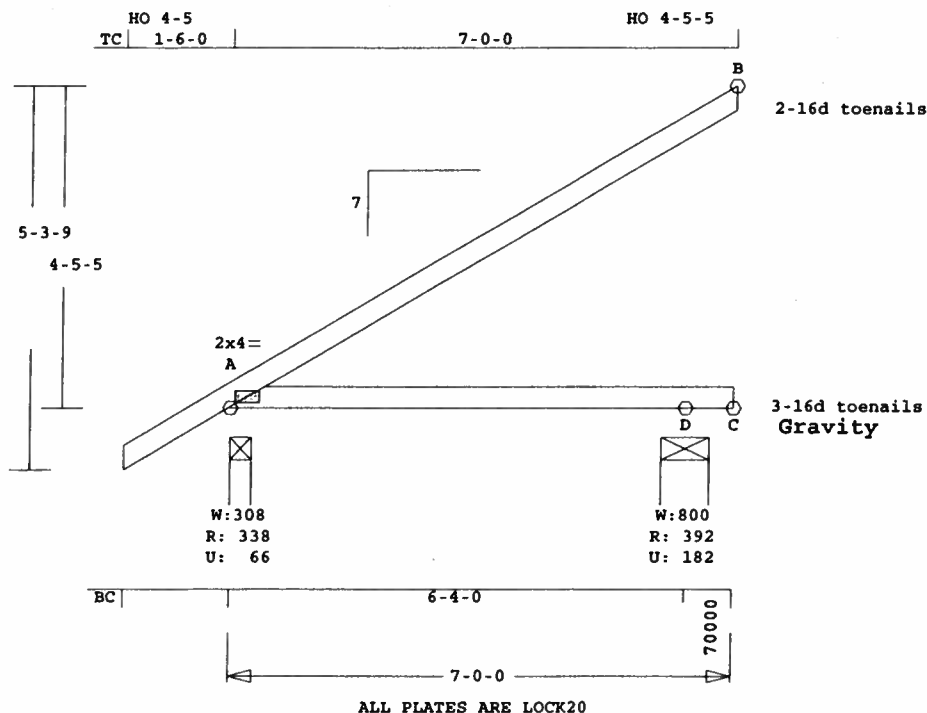
Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	372	85	8- 0	1- 8
			Hz =	125
C	132	48	3- 8	1- 8
B	196	103	3- 8	1- 8
			Hz =	84

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.47		69	C	0.00 0.47
B -B	0.00		4	C	

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.1 LBS

A - B 0.43 66 C 0.00 0.43
B - B 0.00 4 C

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.

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 6- 4- 0

Max comp. force 66 Lbs

Quality Control Factor 1.25

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

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

TC 0.43 2x 4 SP-#2

BC 0.33 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

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 0.66

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 5 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd

Lbs Lbs In-Sx In-Sx

A 338 67 3- 8 1- 8

Hz = 125

D 393 183 8- 0 1- 8

C 125 212G 3- 8 1- 8

Hz = 84

B 187 98 3- 8 1- 8

G = Gravity Uplift

Membr CSI P Lbs Axl-CSI-Bnd

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

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.

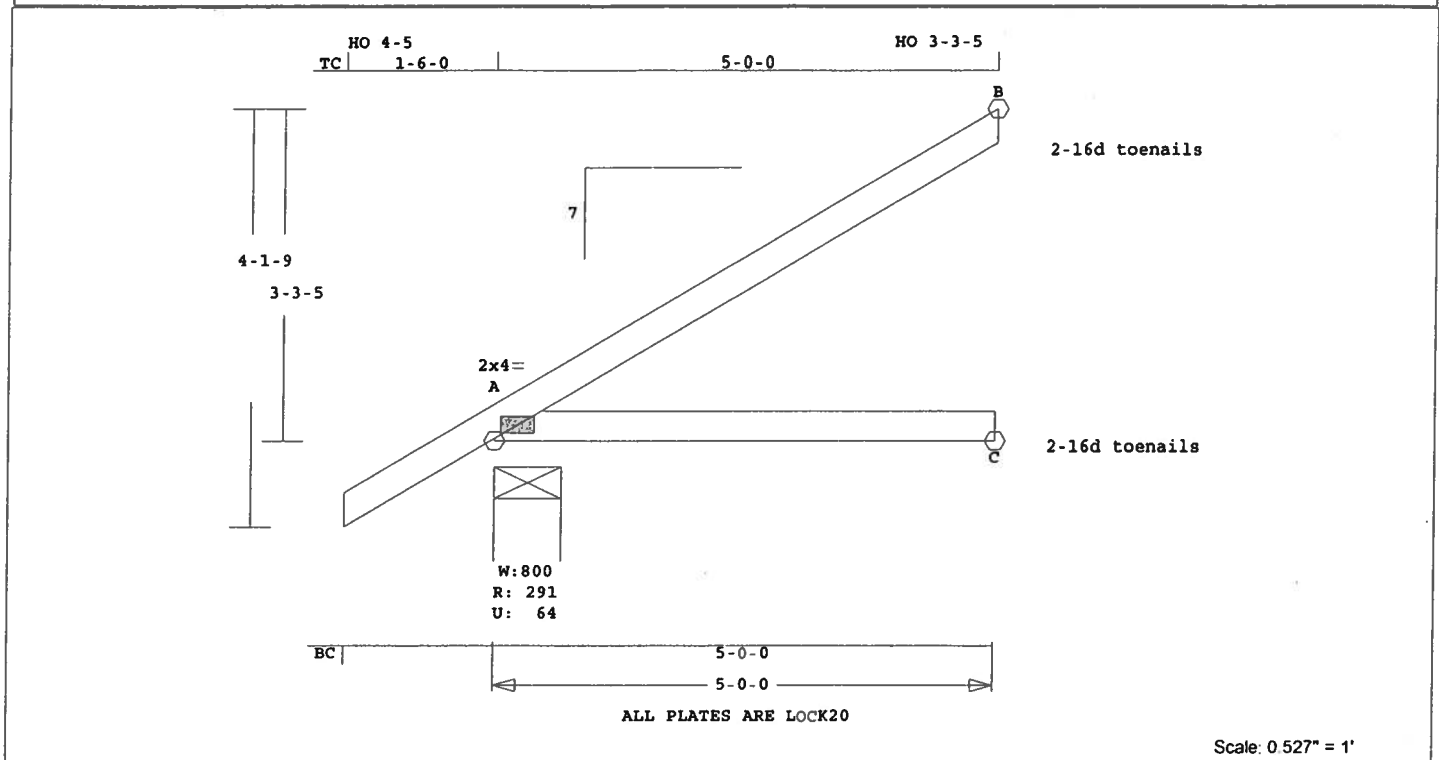
Analysis Conforms To:

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	J2	10	JCA2	50000	7	1- 6- 0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 24.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ----Lumber----
TC 0.22 2x 4 SP-#2
BC 0.16 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	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			

-----Bottom Chords-----
A -C 0.16 0 T 0.00 0.16

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.15

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 0.62

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 5- 0- 0

Max comp. force 49 Lbs
Quality Control Factor 1.25

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	292	64	8- 0	1- 8
			Hz =	89
C	94	34	3- 8	1- 8
B	142	75	3- 8	1- 8
			Hz =	60

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.22		49 C	0.00	0.22
B -B	0.00		4 C		

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

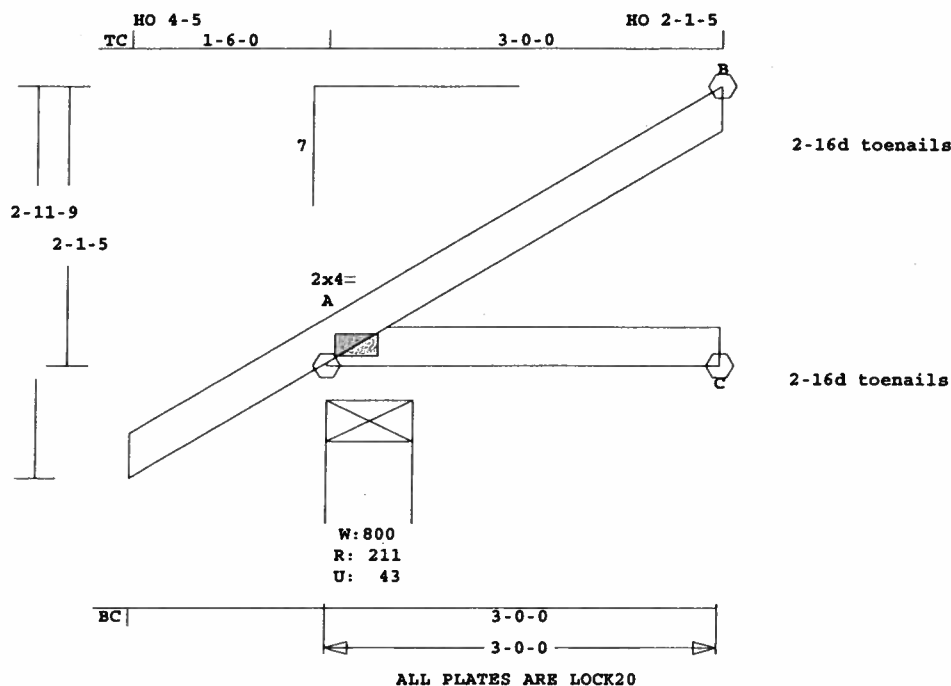
Soffit psf 2.0

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	J3	15	JCA2	30000	7	1- 6- 0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.690" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ----Lumber----
TC 0.07 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	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			

-----Bottom Chords-----
A -C 0.05 0 T 0.00 0.05

TL Defl 0.00" in A -C L/999
LL 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 0.62

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-
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 3- 0- 0

Max comp. force 30 Lbs

Quality Control Factor 1.25

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	211	43	8- 0	1- 8
			Hz =	53
C	56	21	3- 8	1- 8
B	88	47	3- 8	1- 8
			Hz =	36

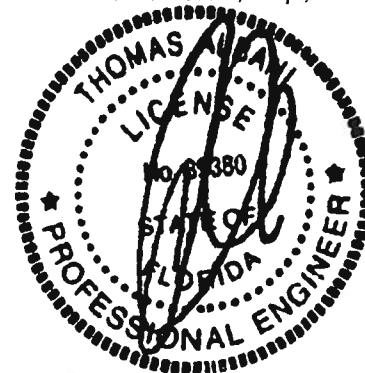
Membr CSI P Lbs Ax1-CSI-Bnd

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

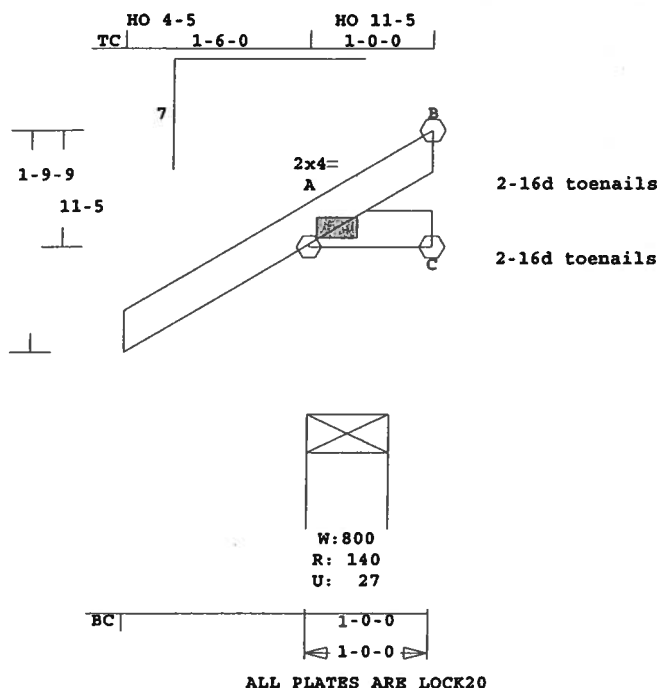
A -B 0.07 30 C 0.00 0.07

B -B 0.00 4 C

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	J4	12	JCA2	10000	7	1- 6- 0	0	T06083031
U# J#STEWARTCOOPER STEWART COOPER								



Scale: 0.643" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 7.7 LBS
A - C 0.00 10 T

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

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

Brace truss as follows:

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

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			

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 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 0.62

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-

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 1- 0- 0

Max comp. force 7 Lbs

Quality Control Factor 1.25

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	140	28	3- 8	1- 8
			Hz =	16
B	20	12	1- 8	1- 8
C	14	7	1- 8	1- 8
			Hz =	11

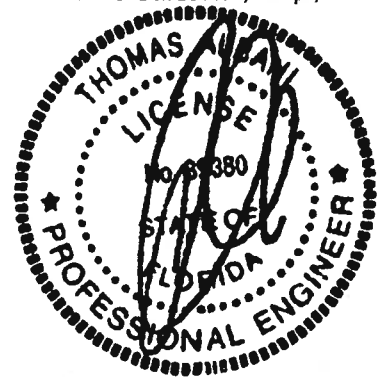
Membr CSI P Lbs Axl-CSI-Bnd

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

A -B 0.00 7 C

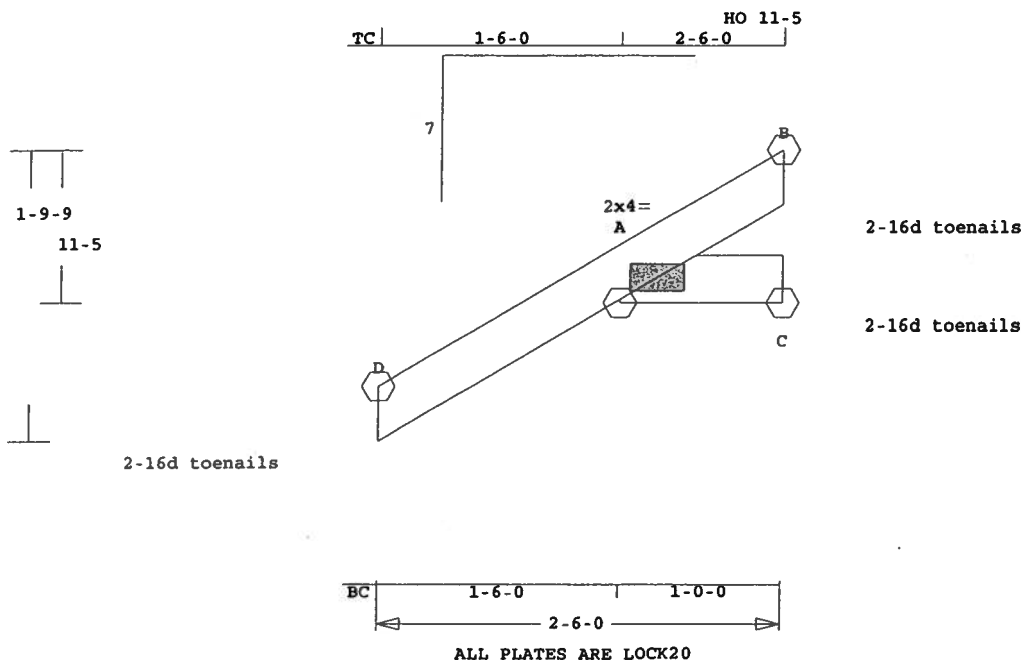
-----Bottom Chords-----

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	J5	4	JCA2	20600	7	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.7 LBS
A -C 0.00 10 T

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

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

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 1- 0- 0
BC Cont. 0- 0- 0 1- 0- 0

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	44	11	3- 8	1- 8
			Hz =	16
B	20	12	1- 8	1- 8
C	14	7	1- 8	1- 8
			Hz =	11

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -B 0.00 7 C
-----Bottom Chords-----

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Hz Disp LL DL TL
Jt B 0.00" 0.00" 0.00"
Shear // Grain in A -B 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 0.62

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

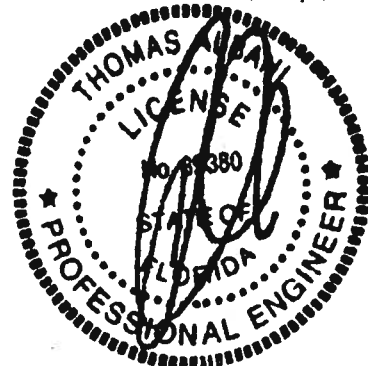
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

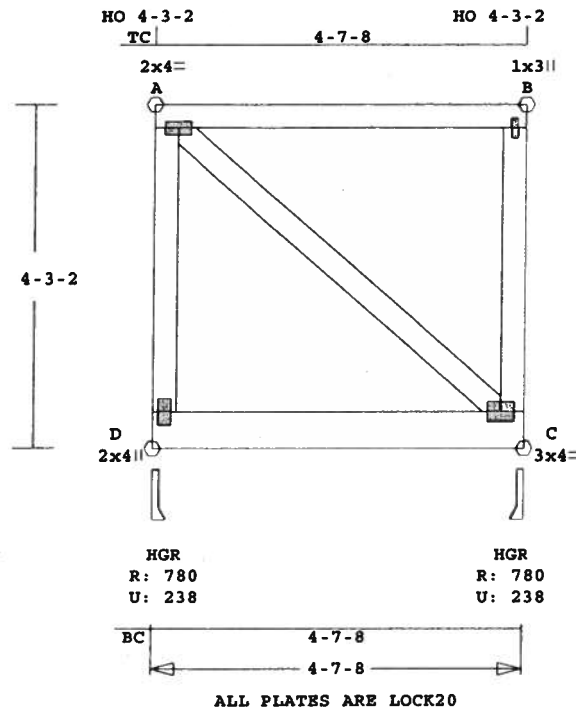
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-

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 1- 0- 0
Max comp. force 7 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.420" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI	-Size-	-----Lumber----
TC	0.29	2x 4 SP-#2
BC	0.65	2x 6 SP-#2
WB	0.04	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 7- 8
BC Cont.	0- 0- 0	4- 7- 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 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
plf - Live Dead From To
TC V 40 20 0.0' 4.6'
BC V 129 149 0.0' 4.6'

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
D	780	238	3- 8	1- 8
			Hz =	-124
C	780	238	3- 8	1- 8
			Hz =	125

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----

A - B	0.29	46 C	0.00	0.29
-----Bottom Chords-----				
D - C	0.65	95 T	0.00	0.65
-----Webs-----				
D - A	0.03	138 C	WindLd	
A - C	0.03	80 C		
C - B	0.04	138 C	WindLd	

TL Defl -0.07" in D -C L/742
LL Defl -0.03" in D -C L/999
Shear // Grain in D -C 0.49

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 0.75
B LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 2.0x 4.0 Ctr Ctr 0.38
C LOCK 3.0x 4.0 Ctr Ctr 0.59

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

Girder Common
Loading BC

Span 14-10- 8

Design checked for 10 psf non-

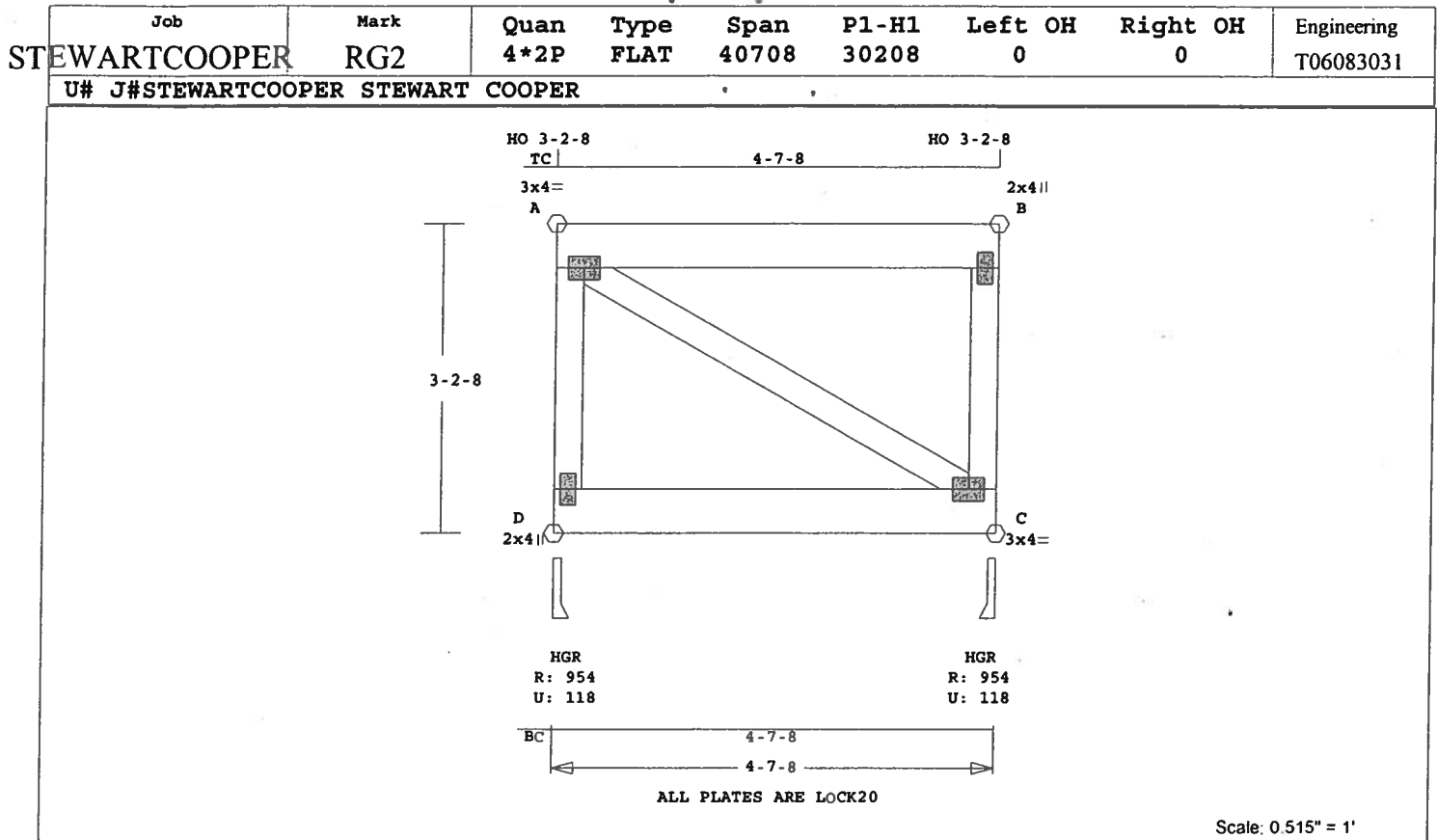
concurrent LL on BC.
Provide drainage to prevent
water ponding.
Use properly rated hangers for
loads framing into girder
truss.

This truss must be installed
as shown. It cannot be
installed upside-down.
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 138 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682





Online Plus -- Version 19.0.034
 RUN DATE: 28-AUG-06

 * 2-Ply Truss *

CSI -Size- ----Lumber----
 TC 0.24 2x 6 SP-#2
 BC 0.24 2x 6 SP-#2
 WB 0.02 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 4- 7- 8
 BC Cont. 0- 0- 0 4- 7- 8

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			12.0"
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
 plf - Live Dead From To
 TC V 20 10 0.0' 4.6'
 BC V 98 108 0.0' 4.6'
 TC V 53 123 0.0' 4.6'

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
D	954	118	3- 8	1- 8
			Hz =	-41
C	954	118	3- 8	1- 8
			Hz =	42

Membr CSI P Lbs Axl-CSI-Bnd
 -----Top Chords-----

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.6 LBS

A - B	0.24	15 C	0.00	0.24
-----Bottom Chords-----				
D - C	0.24	31 T	0.00	0.24
-----Webs-----				
D - A	0.02	476 C	WindLd	
A - C	0.00	22 T		
C - B	0.02	476 C	WindLd	

TL Defl -0.02" in D -C L/999
 LL Defl -0.01" in D -C L/999
 Shear // Grain in A -B 0.18

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 Ctr 0.59
 B LOCK 2.0x 4.0 Ctr Ctr 0.38
 D LOCK 2.0x 4.0 Ctr Ctr 0.38
 C LOCK 3.0x 4.0 Ctr Ctr 0.59

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

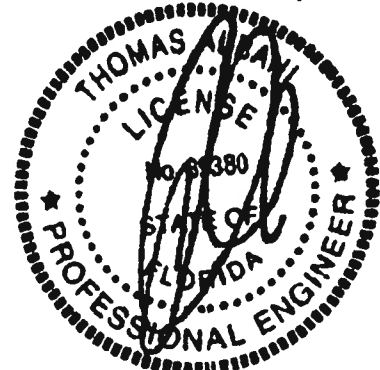
Girder Common
 Loading BC
 Span 10-10- 0
 2 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS3 screws -OR- 10d nails
 as each layer is applied.)

Rows	Nails	Screws	Bolts
TC 2	12	24	0
BC 2	12	24	0
WB 1	8	8	

Design checked for 10 psf non-
 concurrent LL on BC.
 Provide drainage to prevent
 water ponding.
 Use properly rated hangers for
 loads framing into girder
 truss.

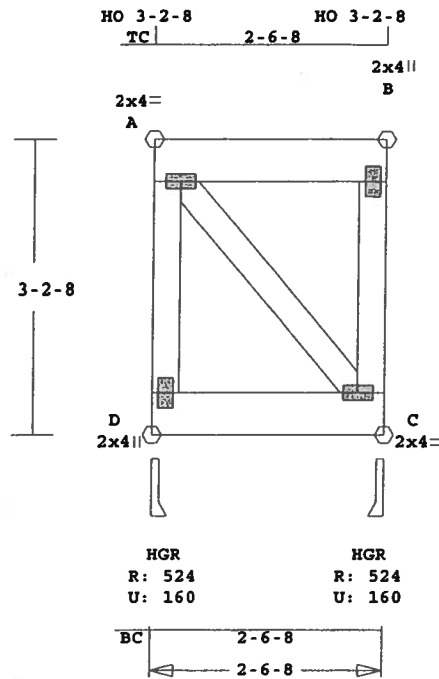
This truss must be installed
 as shown. It cannot be
 installed upside-down.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 476 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
 License # 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	RG3	1*2P	FLAT	20608	30208	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.475" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 28.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

* 2-Ply Truss *

CSI -Size- ---Lumber---
TC 0.06 2x 6 SP-#2
BC 0.06 2x 6 SP-#2
WB 0.01 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	2- 6- 8
BC Cont.	0- 0- 0	2- 6- 8

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			12.0"
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
plf - Live Dead From To
TC V 20 10 0.0' 2.5'
BC V 98 108 0.0' 2.5'
TC V 53 123 0.0' 4.6'

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
D	524	160	3- 8	1- 8
			Hz =	-41
C	524	160	3- 8	1- 8
			Hz =	42

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----

A -B	0.06	15 C	0.00	0.06
-----Bottom Chords-----				
D -C	0.06	31 T	0.00	0.06
-----Webs-----				
D -A	0.01	261 C	WindLd	
A -C	0.00	30 T		
C -B	0.01	261 C	WindLd	

TL Defl 0.00" in D -C L/999
LL Defl 0.00" in D -C L/999
Shear // Grain in A -B 0.09

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 0.82
B LOCK 2.0x 4.0 Ctr Ctr 0.38
D LOCK 2.0x 4.0 Ctr Ctr 0.38
C LOCK 2.0x 4.0 Ctr Ctr 0.82

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
Girder Common
Loading BC
Span 10-10- 0
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 2	12	24	0
BC 2	12	24	0
WB 1	8	8	

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

Provide drainage to prevent water ponding.

Use properly rated hangers for loads framing into girder truss.

This truss must be installed as shown. It cannot be installed upside-down.

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 261 Lbs

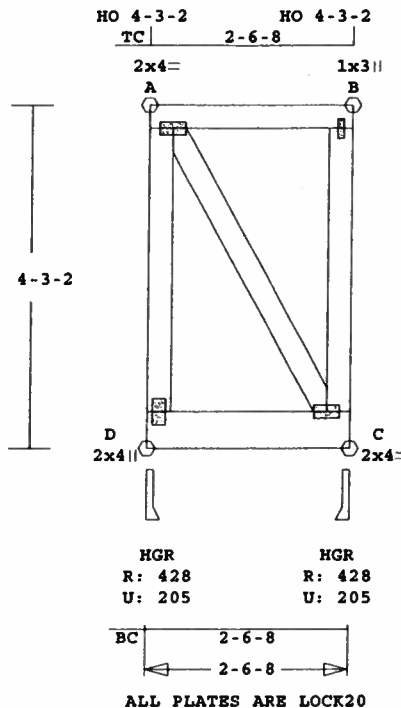
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	RG4	1	FLAT	20608	40302	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.420" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ----Lumber----
TC 0.07 2x 4 SP-#2
BC 0.17 2x 6 SP-#2
WB 0.04 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	2- 6- 8
BC Cont.	0- 0- 0	2- 6- 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 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
plf - Live Dead From To
TC V 40 20 0.0' 2.5'
BC V 129 149 0.0' 2.5'

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
D	429	205	3- 8	1- 8
			Hz =	-124
C	429	205	3- 8	1- 8
			Hz =	125

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----

A -B	0.07	46	C	0.00	0.07
-----Bottom Chords-----					
D -C	0.17	95	T	0.00	0.17
-----Webs-----					
D -A	0.03	140	T	WindLd	
A -C	0.02	120	C		
C -B	0.04	76	C	WindLd	
TL Defl	0.00"		in D -C	L/999	
LL Defl	0.00"		in D -C	L/999	
Shear // Grain			in D -C	0.25	

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 0.75
B LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 2.0x 4.0 Ctr Ctr 0.38
C LOCK 2.0x 4.0 Ctr Ctr 0.82

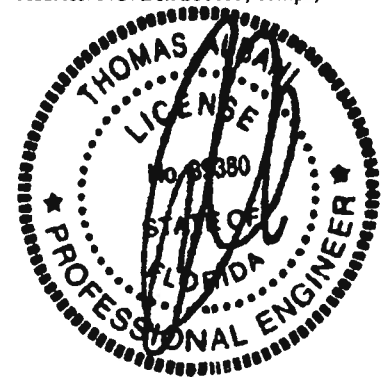
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

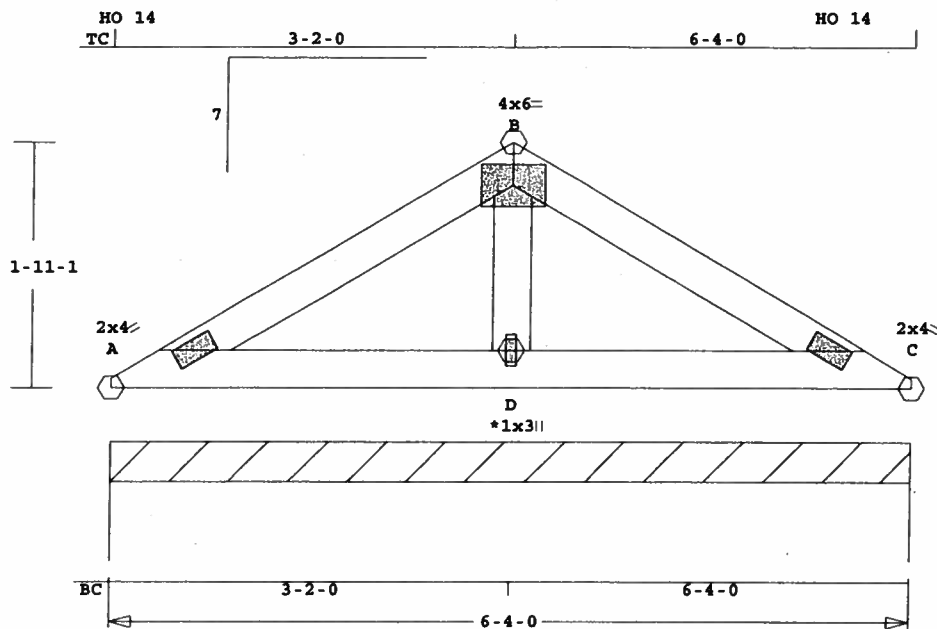
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Common
Loading BC
Span 14-10- 8
Design checked for 10 psf non-

concurrent LL on BC.
Provide drainage to prevent
water ponding.
Use properly rated hangers for
loads framing into girder
truss.
This truss must be installed
as shown. It cannot be
installed upside-down.
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 120 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.664" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 26.6 LBS

D - C 0.05 1 C 0.00 0.05

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

D - B 0.01 114 C

TL Defl 0.00" in D - C L/999

LL Defl 0.00" in D - C L/999

Shear // Grain in A - B 0.08

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 0.65

B LOCK 4.0x 6.0 Ctr Ctr 0.37

C LOCK 2.0x 4.0 Ctr Ctr 0.65

D 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 114 Lbs

Quality Control Factor 1.25

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

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

TC 0.05 2x 4 SP-#2

BC 0.05 2x 4 SP-#2

GW 0.01 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 6- 4- 0

BC Cont. 0- 0- 0 6- 4- 0

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 6 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- 4- 0

440 59 Hz = 32

Membr CSI P Lbs Axl-CSI-Bnd

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

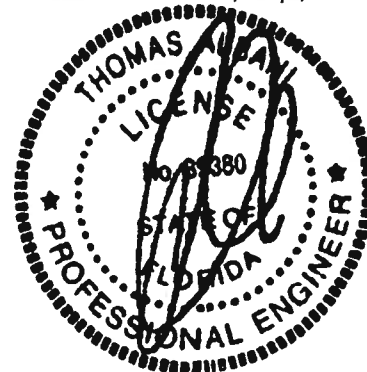
A -B 0.05 47 C 0.00 0.05

B -C 0.05 47 C 0.00 0.05

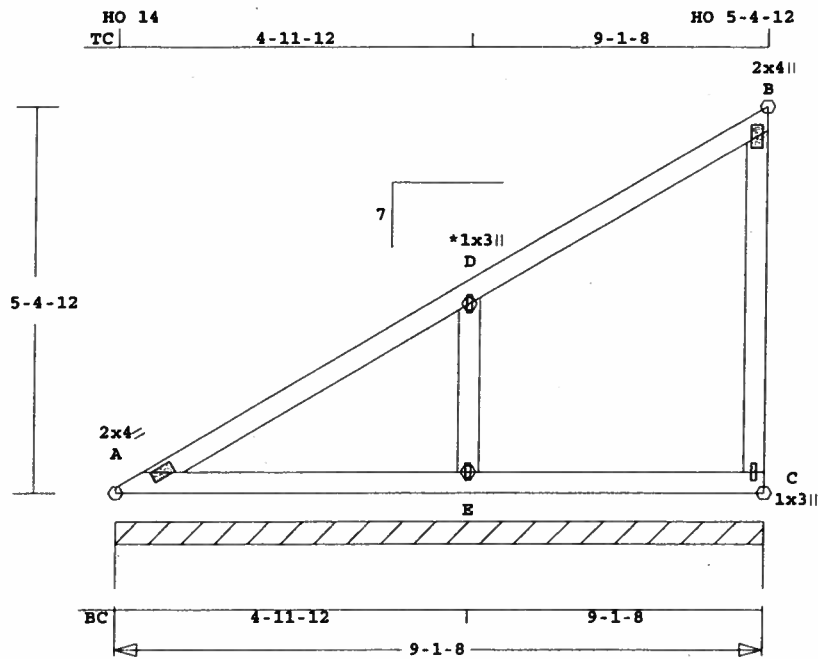
-----Bottom Chords-----

A -D 0.05 1 C 0.00 0.05

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.373" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 50.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

TC	BC	WB	GW	CSI -Size-	Lumber----
0.22	0.14	0.08	0.05	2x 4	SP-#2

A -E	0.14	1 C	0.00	0.14
E -C	0.11	0 T	0.00	0.11
C -B	0.08	105 C	0.00	0.08
E -D	0.05	281 C	0.00	0.05

TL Defl -0.02" in A -E L/999
LL Defl -0.01" in A -E L/999
Shear // Grain in A -D 0.17

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 281 Lbs
Quality Control Factor 1.25

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9- 1- 8
BC Cont.	0- 0- 0	9- 1- 8

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
D LOCK 1.0x 3.0 Ctr Ctr 0.75
B LOCK 2.0x 4.0 Ctr Ctr 0.38
E LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 1.0x 3.0 Ctr Ctr 0.75

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 5 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	9- 1- 8	
	697	93 Hz =	179	

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -D	0.22	125 C	0.00 0.22
D -B	0.19	62 C	0.00 0.19
-----Bottom Chords-----			

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

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

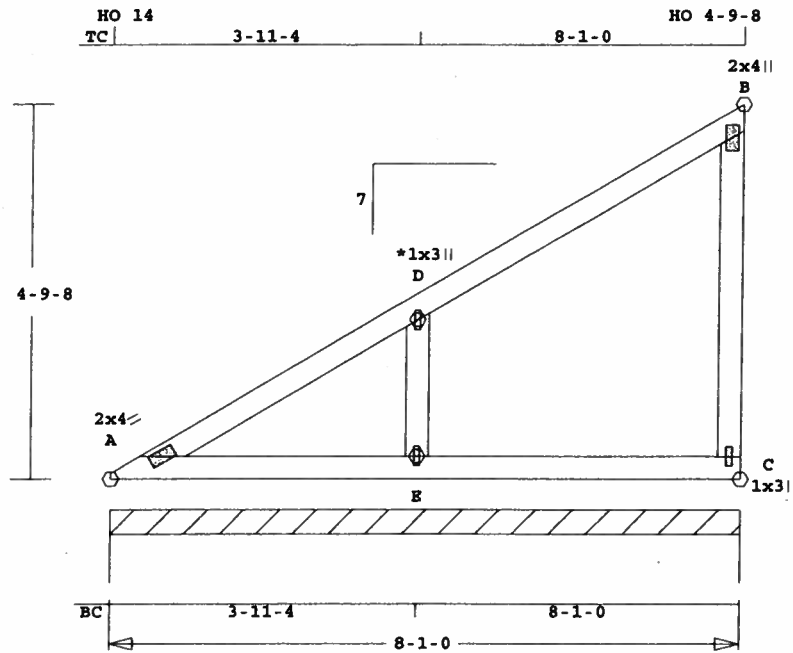
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	V3	1	VLM.SB	80100	7	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.408" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.4 LBS

A - E 0.09 1 C 0.00 0.09
E - C 0.09 0 T 0.00 0.09

FBC2004

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

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 255 Lbs

Quality Control Factor 1.25

CSI -Size- ----Lumber----
TC 0.16 2x 4 SP-#2
BC 0.09 2x 4 SP-#2
WB 0.09 2x 4 SP-#2
GW 0.02 2x 4 SP-#2

-----Webs-----
C - B 0.09 108 C 0.00 0.09
-----Gable Webs-----
E - D 0.02 255 C 0.01 0.01
TL Defl -0.01" in E - C L/999
LL Defl 0.00" in E - C L/999
Shear // Grain in D - B 0.14

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	8- 1- 0
BC Cont.	0- 0- 0	8- 1- 0

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

D LOCK 1.0x 3.0 Ctr Ctr 0.75

B LOCK 2.0x 4.0 Ctr Ctr 0.38

E LOCK 1.0x 3.0 Ctr Ctr 0.75

C LOCK 1.0x 3.0 Ctr Ctr 0.75

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 5 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- 1- 0	
	614	82	Hz =	157

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A - D	0.15	114	C	0.00	0.15
D - B	0.16	58	C	0.00	0.16
-----Bottom Chords-----					

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.

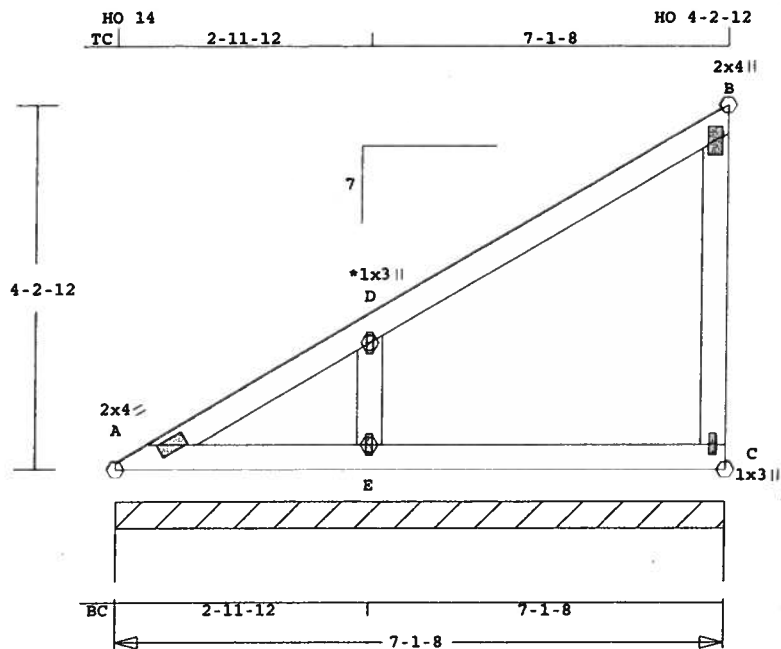
Analysis Conforms To:

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	V4	1	VLM.SB	70108	7	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.449" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 37.4 LBS

A - E	0.06	1	C	0.00	0.06
E - C	0.08	0	T	0.00	0.08

FBC2004

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

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

-----Webs-----

Wind Loads - ANSI / ASCE 7-02

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

CSI -Size-	----	Lumber----
TC	0.15	2x 4 SP-#2
BC	0.08	2x 4 SP-#2
WB	0.10	2x 4 SP-#2
GW	0.05	2x 4 SP-#2

C - B 0.10 108 C 0.00 0.10

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

E - D 0.05 236 C 0.00 0.05

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 236 Lbs

Quality Control Factor 1.25

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	7- 1- 8
BC Cont.	0- 0- 0	7- 1- 8

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 0.66

D LOCK 1.0x 3.0 Ctr Ctr 0.75

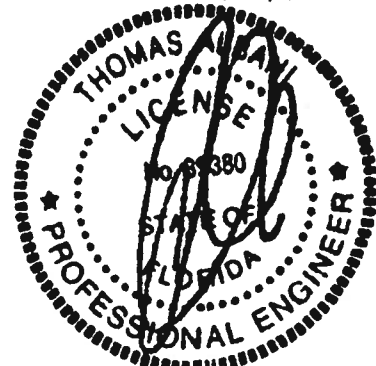
B LOCK 2.0x 4.0 Ctr Ctr 0.38

E LOCK 1.0x 3.0 Ctr Ctr 0.75

C LOCK 1.0x 3.0 Ctr Ctr 0.75

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	

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

Jt React Uplft	Size Req'd
Lbs Lbs In-Sx In-Sx	
Cont. Brg 0- 0- 0 to 7- 1- 8	
537 72 Hz = 137	

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

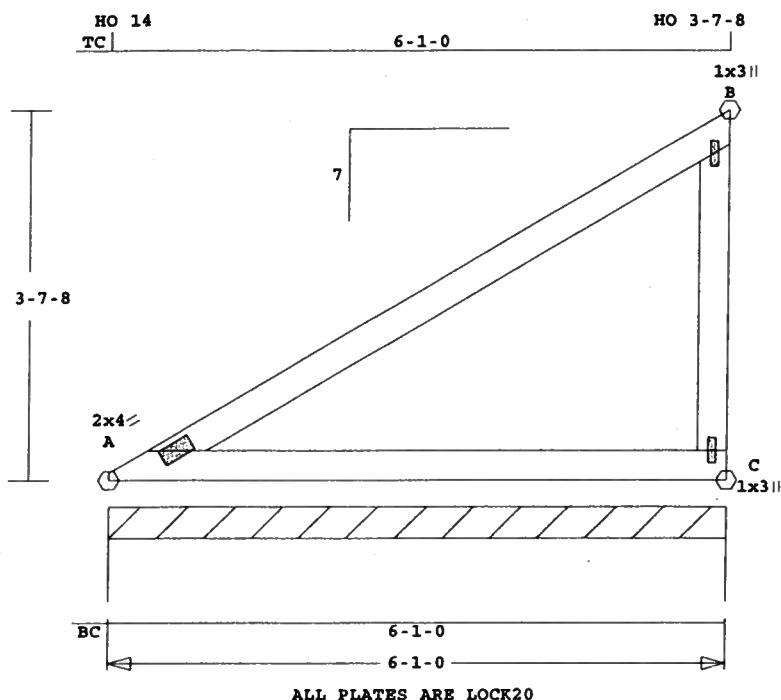
Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A - D	0.10	105	C	0.00	0.10
D - B	0.15	54	C	0.00	0.15
-----Bottom Chords-----					

NOTES:

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

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	V5	1	VLM.SB	60100	7	0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.533" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 29.6 LBS
C - B 0.02 157 C WindLd

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ----Lumber----
TC 0.33 2x 4 SP-#2
BC 0.24 2x 4 SP-#2
WB 0.02 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	6- 1- 0
BC Cont.	0- 0- 0	6- 1- 0

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	

TL Defl -0.08" in A -C L/860
LL Defl -0.03" in A -C L/999
Shear // Grain in A -B 0.17

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	Type	Plt Size	X	Y	JSI
Plate - LOCK 20 Ga, Gross Area					
Plate - RHS 20 Ga, Gross Area					
A LOCK 2.0x 4.0 Ctr Ctr			0.64		
B LOCK 1.0x 3.0 Ctr Ctr			0.75		
C LOCK 1.0x 3.0 Ctr Ctr			0.75		

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 157 Lbs
Quality Control Factor 1.25

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

Plus 5 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- 1- 0		
454	60	Hz =	115	

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.33	60	C	0.00	0.33
-----Bottom Chords-----					
A -C	0.24	2	C	0.00	0.24
-----Webs-----					

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

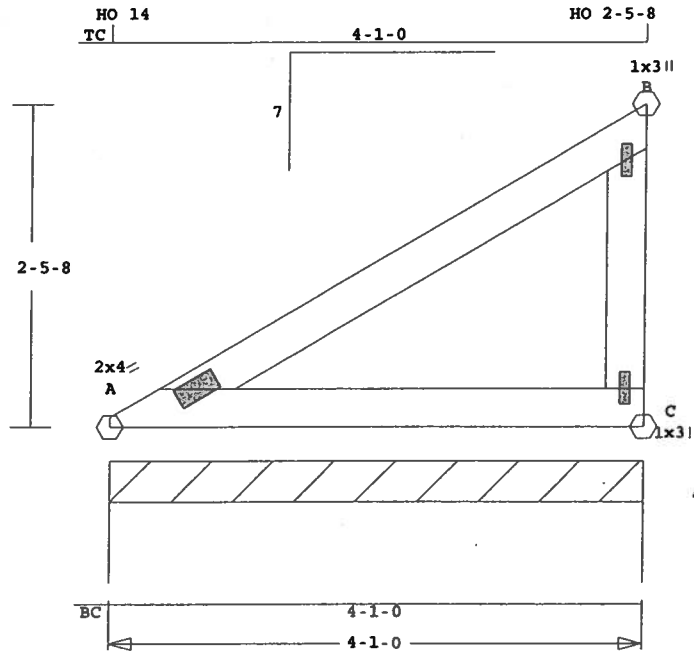
Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Scale: 0.601" = 1'

A circular professional engineer seal for Thomas H. Evans. The outer ring contains the text "THOMAS H. EVANS" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring is another dotted circle containing the word "LICENSE". In the center, the license number "No. 89380" is printed above the words "STATE OF FLORIDA". A large, stylized signature or scribble is drawn over the entire seal.

U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.683" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.3 LBS
C -B 0.01 103 C WindLd

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

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

TC	0.13	2x 4	SP-#2
BC	0.10	2x 4	SP-#2
WB	0.01	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 1- 0
BC Cont.	0- 0- 0	4- 1- 0

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	

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 - LOCK 20 Ga			Gross Area
Plate - RHS 20 Ga			Gross Area
Jt Type	Plt Size	X	Y
A LOCK	2.0x 4.0	Ctr	Ctr
B LOCK	1.0x 3.0	Ctr	Ctr
C LOCK	1.0x 3.0	Ctr	Ctr

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

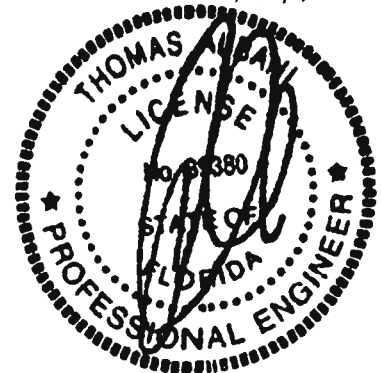
NOTES:

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 103 Lbs
Quality Control Factor 1.25

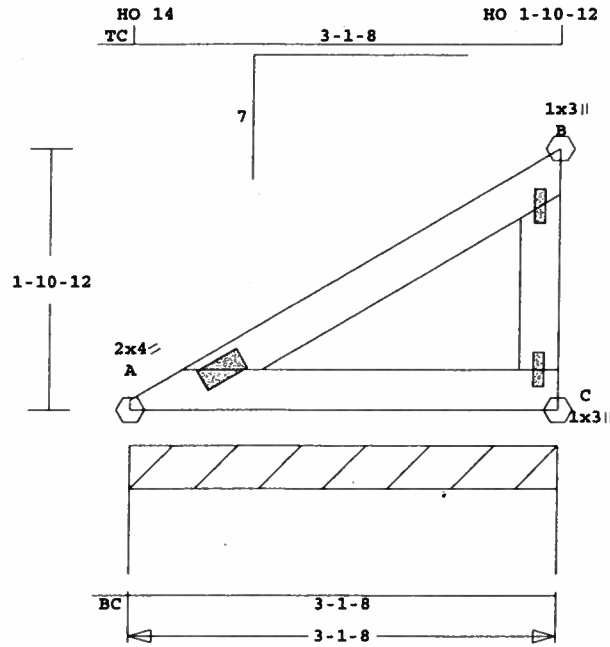
Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Jt	React	Uplft	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
Cont. Brg	0- 0- 0	to 4- 1- 0		
294	39	Hz =	73	

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.13		37 C	0.00	0.13
-----Bottom Chords-----					
A -C	0.10		2 C	0.00	0.10
-----Webs-----					

U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20

Scale: 0.720" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 14.3 LBS
C - B 0.00 77 C WindLd

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

TC	0.06	2x 4	SP-#2
BC	0.05	2x 4	SP-#2
WB	0.00	2x 4	SP-#2

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

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 77 Lbs
Quality Control Factor 1.25

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	3- 1- 8
BC Cont.	0- 0- 0	3- 1- 8

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

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	

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 0.62
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

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

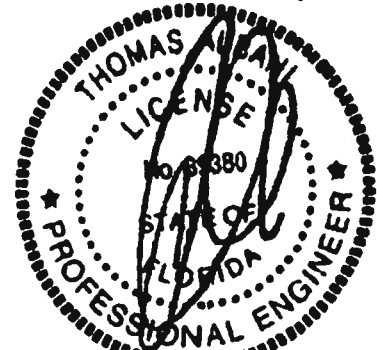
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to 3- 1- 8		
	217	29 Hz	=	53

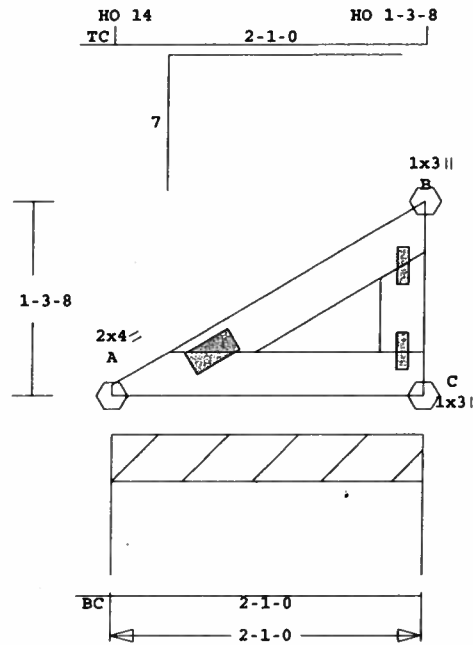
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A - B	0.06	26	C	0.00	0.06
-----Bottom Chords-----					
A - C	0.05	2	C	0.00	0.05
-----Webs-----					

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#STEWARTCOOPER STEWART COOPER



Scale: 0.783" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.9 LBS
C -B 0.00 38 C WindLd

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

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

TC	0.01	2x 4	SP-#2
BC	0.00	2x 4	SP-#2
WB	0.00	2x 4	SP-#2

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

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 38 Lbs
Quality Control Factor 1.25

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	2- 1- 0
BC Cont.	0- 0- 0	2- 1- 0

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	

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 <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y
A	LOCK	2.0x 4.0	Ctr Ctr
B	LOCK	1.0x 3.0	Ctr Ctr
C	LOCK	1.0x 3.0	Ctr Ctr

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

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

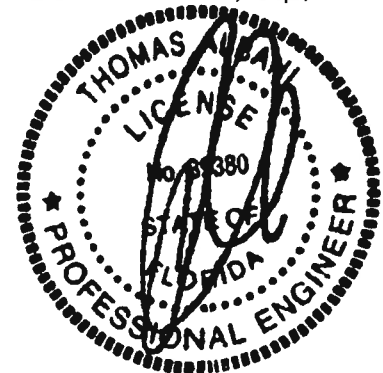
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

Jt	React	Uplft	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
Cont. Brg	0- 0- 0	to	2- 1- 0	
134	18	Hx	=	31

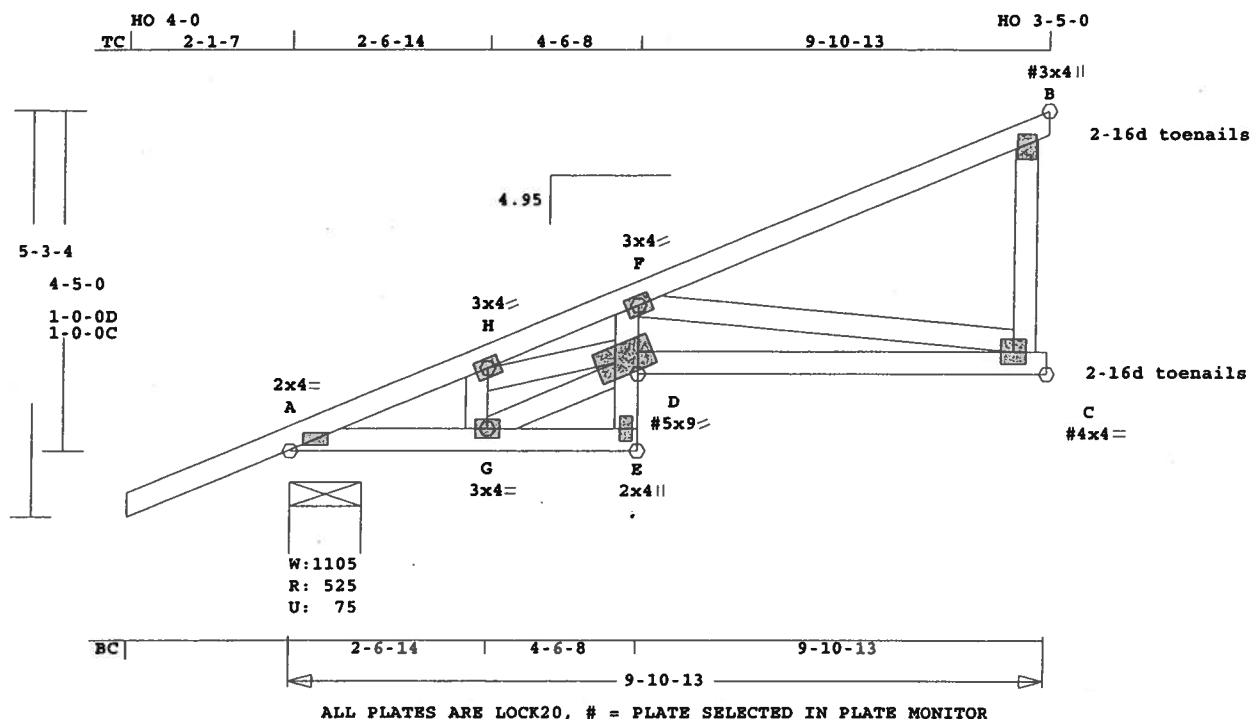
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.01		15 C	0.00	0.01
-----Bottom Chords-----					
A -C	0.00		0 T		
-----Webs-----					

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
STEWARTCOOPER	VCJ1	1	SP	91013	4.95	2- 1- 7	0	T06083031
U# J#STEWARTCOOPER STEWART COOPER								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 69.5 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI -Size- ---Lumber---

TC	0.27	2x 4	SP-#2
BC	0.32	2x 4	SP-#2
CW	0.17	2x 4	SP-#2
WB	0.40	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9-10-13
BC Cont.	0- 0- 0	9-10-13

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	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	526	75	11- 5	1- 8
			Hz =	57
C	247	13	1- 8	1- 8
B	155	51	1- 8	1- 8
			Hz =	127

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -H	0.05		671 C	0.00	0.05
H -F	0.18		1179 C	0.00	0.18
F -B	0.27		90 T	0.00	0.27
-----Bottom Chords-----					
A -G	0.12		615 T	0.10	0.02
G -E	0.02		49 T	0.00	0.02
D -C	0.32		1165 T	0.19	0.13
-----Chord-Webs-----					

E -D	0.10	37 T	0.00	0.10
D -F	0.17	387 T	0.05	0.12
-----Webs-----				
G -H	0.02	253 C		
G -D	0.11	634 T		
H -D	0.09	495 T		
F -C	0.40	1180 C		
C -B	0.01	0 T	WindLd	

TL Defl -0.10" in D -F L/999
LL Defl -0.03" in E -D L/999
Shear // Grain in F -B 0.21

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 0.79
H LOCK 3.0x 4.0 Ctr Ctr 0.51
F LOCK 3.0x 4.0 Ctr Ctr 0.58
B# LOCK 3.0x 4.0 Ctr-0.3 0.56
G LOCK 3.0x 4.0 Ctr Ctr 0.40
E LOCK 2.0x 4.0 Ctr Ctr 0.58
D# LOCK 5.0x 9.0-0.3 1.6 0.47
C# LOCK 4.0x 4.0 Ctr 0.1 0.48

= Plate Monitor used

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-
concurrent LL on BC.

Max gap between edge of brg
and end vertical is 1/2".

NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.

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

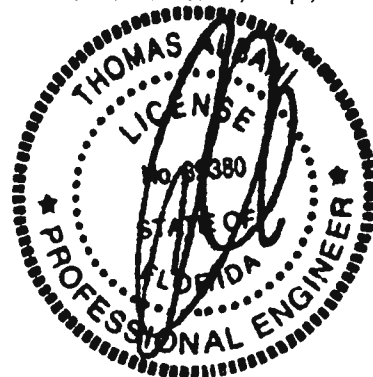
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

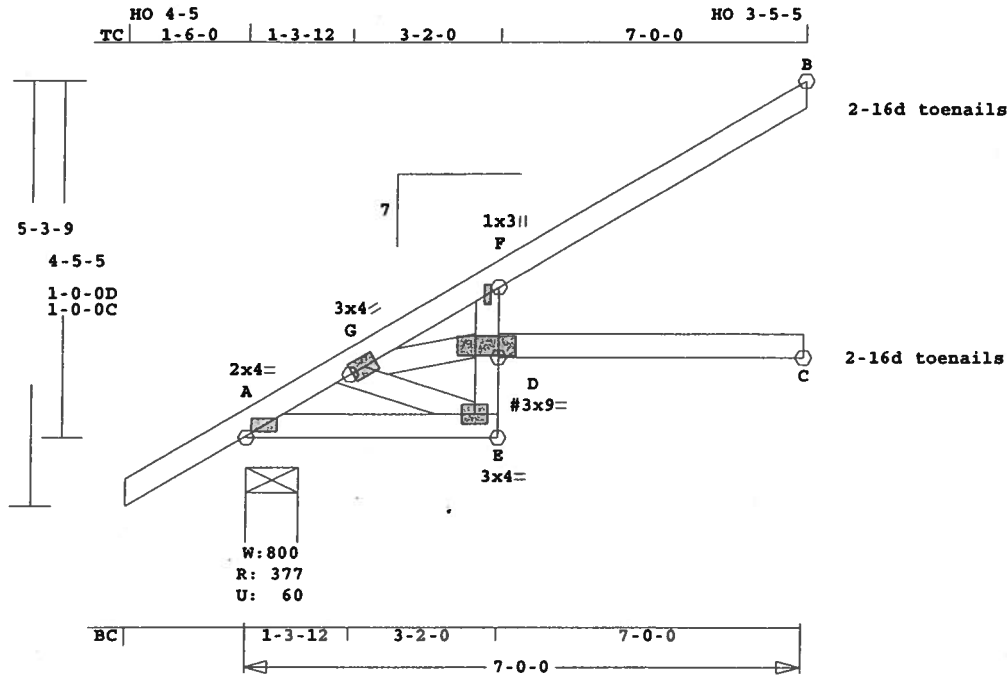
Max comp. force 1180 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.419" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 41.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI	Size	Lumber	SP	#
TC	0.35	2x 4	SP-#2	
BC	0.57	2x 4	SP-#2	
CW	0.21	2x 4	SP-#2	
WB	0.01	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	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 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	378	60	8- 0	1- 8
			Hx =	124
C	127	8	1- 8	1- 8
B	160	69	1- 8	1- 8
			Hx =	84

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A - G	0.05		412 C	0.00	0.05
G - F	0.25		189 C	0.00	0.25
F - B	0.35		69 T	0.00	0.35
-----Bottom Chords-----					
A - E	0.07		360 T	0.06	0.01
E - D	0.19		48 T	0.00	0.19

D	-C	0.57	0 T	0.00	0.57
-----Chord-Webs-----					
E - D	0.21	48 T	0.00	0.21	
D - F	0.20	116 T	0.00	0.20	
-----Webs-----					
G - E	0.01	161 C			
G - D	0.00	87 C			

TL Defl	-0.17"	in E - D	L/437
LL Defl	-0.08" <td>in E - D</td> <td>L/892</td>	in E - D	L/892
Hx Disp	LL	DL	TL
Jt C	0.03"	0.03"	0.06"
Shear // Grain	in F - B		0.17

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 0.66
G LOCK 3.0x 4.0 Ctr Ctr 0.46
F LOCK 1.0x 3.0 Ctr Ctr 0.33
E LOCK 3.0x 4.0 Ctr Ctr 0.77
D# LOCK 3.0x 9.0 Ctr Ctr 0.41

= Plate Monitor used

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

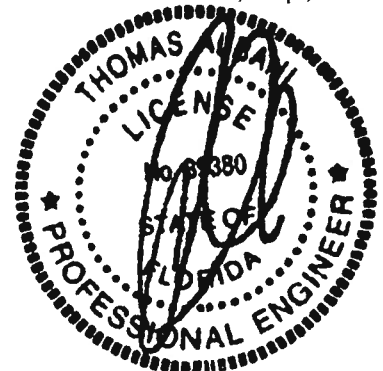
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.

NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.

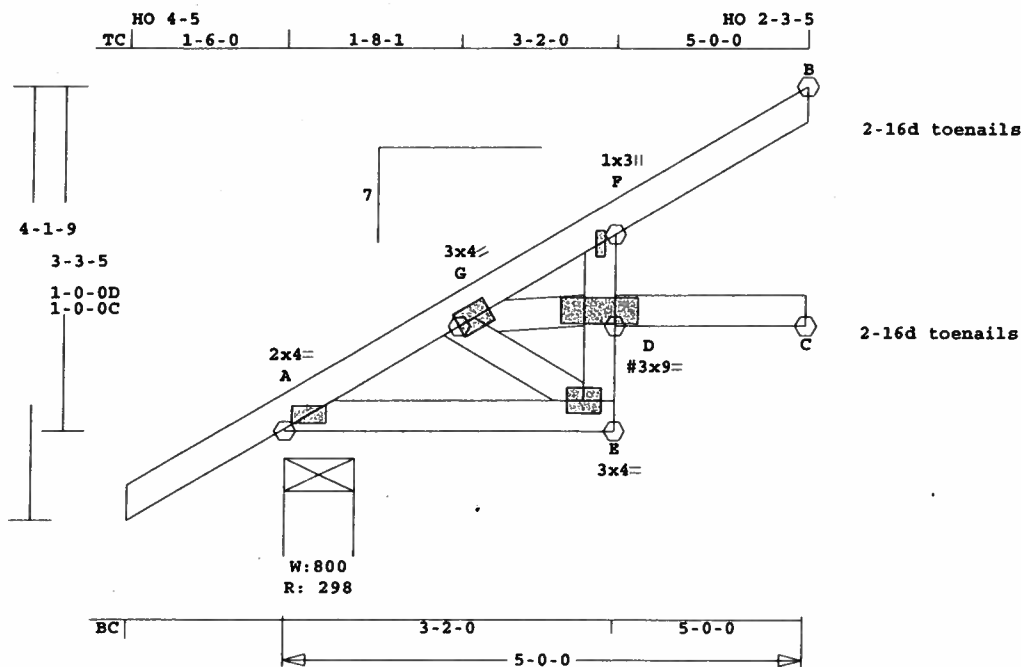
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 412 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
STEWARTCOOPER	VJ2	2	SP	50000	7	1- 6- 0	0	T06083031

U# J#STEWARTCOOPER STEWART COOPER



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.549" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 28-AUG-06

CSI	Size	Lumber
TC	0.13	2x 4 SP-#2
BC	0.27	2x 4 SP-#2
CW	0.10	2x 4 SP-#2
WB	0.01	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	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 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	298	0	8- 0	1- 8
			Hx =	88
C	94	14	1- 8	1- 8
			Hx =	60
B	103	41	1- 8	1- 8

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A - G	0.02	233 C	0.00	0.02
G - F	0.13	95 C	0.00	0.13
F - B	0.13	26 C	0.00	0.13
-----Bottom Chords-----				
A - E	0.04	206 T	0.03	0.01
E - D	0.09	44 T	0.00	0.09

D - C	0.27	60 T	0.00	0.27
-----Chord-Webs-----				
E - D	0.10	44 T	0.00	0.10
D - F	0.09	74 T	0.00	0.09
-----Webs-----				
G - E	0.01	120 C		
G - D	0.00	49 T		
TL Defl	-0.06"	in D - F	L/897	
LL Defl	-0.02"	in E - D	L/999	
Hx Disp	LL	DL	TL	
Jt C	0.01"	0.01"	0.01"	
Shear // Grain	in D - C	0.12		

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 0.62
G LOCK 3.0x 4.0 Ctr Ctr 0.40
F LOCK 1.0x 3.0 Ctr Ctr 0.33
E LOCK 3.0x 4.0 Ctr Ctr 0.77
D# LOCK 3.0x 9.0 Ctr Ctr 0.39

= Plate Monitor used

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

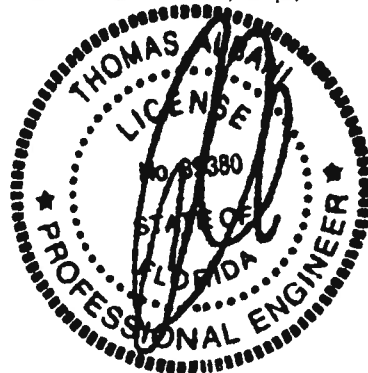
NOTES:

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

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.

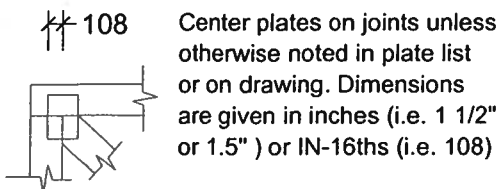
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force: 233 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



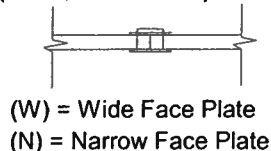
ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



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.

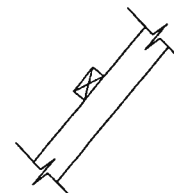
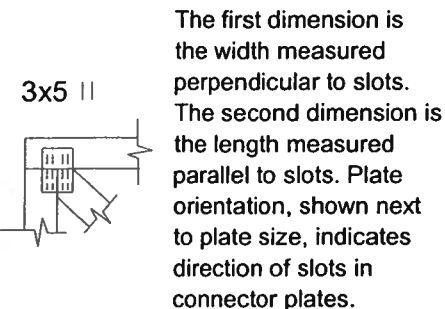
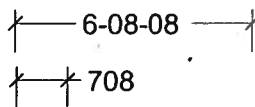


PLATE SIZE AND ORIENTATION



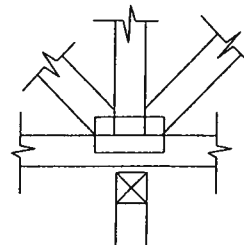
DIMENSIONS

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.



W = Actual Bearing Width (IN-SX)
R = Reaction (lbs.)
U = Uplift (lbs.)

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" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss 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. The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), 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 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 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 THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS FABRICATOR.



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

www.robbsinseng.com