

DATE03/07/2006

Columbia County Building Permit

PERMIT000024199

This Permit Expires One Year From the Date of Issue

APPLICANTDREW TURNER

PHONE386.454.1512

ADDRESSPOB 77114

OCALA

FL34477

OWNERCHARLES & DIANA BRADLEY

PHONE386.447.5456

ADDRESS399SW HAWTHORNE TERRACE

FT. WHITE

FL32038

CONTRACTORHOMES BY WHITTAKER,INC.

PHONE352.873.1343

LOCATION OF PROPERTY47-S TO US 27 TO C-18,TR GO 2 MILES TO HAWTHORNE,TR GO 1/4 M

PROPERTY ON L.

TYPE DEVELOPMENTSFD/UTILITY

ESTIMATED COST OF CONSTRUCTION102200.00

HEATED FLOOR AREA2044.00

TOTAL AREA2824.00

HEIGHT18.00

STORIES1

FOUNDATIONCONC

WALLSFRAMED

ROOF PITCH5'12

FLOORCONC

LAND USE & ZONINGA-3

MAX. HEIGHT35

Minimum Set Back Requirments:

STREET-FRONT30.00

REAR25.00

SIDE25.00

NO. EX.D.U.

FLOOD ZONE

DEVELOPMENT PERMIT NO.

PARCEL ID35-6S-16-04074-106

SUBDIVISION

LOT

BLOCK

PHASE

UNIT

TOTAL ACRES5.00

000000990

CGC011962

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

18"X32'MITERED

06-0077-N

BLK

JTH

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash000204

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power

Foundation

Monolithic

date/app. by

date/app. by

date/app. by

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

date/app. by

date/app. by

Framing

Rough-in plumbing above slab and below wood floor

date/app. by

date/app. by

Electrical rough-in

Heat & Air Duct

Peri. beam (Lintel)

date/app. by

date/app. by

date/app. by

Permanent power

C.O. Final

Culvert

date/app. by

date/app. by

date/app. by

M/H tie downs, blocking, electricity and plumbing

Pool

date/app. by

date/app. by

Reconnection

Pump pole

Utility Pole

date/app. by

date/app. by

date/app. by

M/H Pole

Travel Trailer

Re-roof

date/app. by

date/app. by

date/app. by

BUILDING PERMIT FEE \$515.00

CERTIFICATION FEE \$14.12

SURCHARGE FEE \$14.12

MISC. FEES \$0.00

ZONING CERT. FEE \$50.00

FIRE FEE \$0.00

WASTE FEE \$

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$25.00

CULVERT FEE \$25.00

TOTAL FEE643.24

INSPECTORS OFFICE

CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

This Instrument Prepared by & return to:

Name: **JOYCE KIRPACH, an employee of
TITLE OFFICES, LLC**
Address: **1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025
File No. 05Y-02162JK**

Inst:2005008898 Date:04/18/2005 Time:15:30

Doc Stamp-Deed : 245.00

MK DC, P. DeWitt Cason, Columbia County B:1043 P:1836

Parcel I.D. #: 04074-106

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 29th day of March, A.D. 2005, by

SUSAN E. MOORE, A MARRIED WOMAN, hereinafter called the grantor, to

**CHARLES J. BRADLEY and DIANA L. BRADLEY, HIS WIFE, whose post office address is
37 OCEAN STREET, PALM COAST, FL 32137, hereinafter called the grantees:**

(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:

Lot 6, PARKER WOODS, according to the map or plat thereof as recorded in Plat Book 6, Pages 81-81B, of the Public Records of Columbia County, FLORIDA.

Subject to declaration of covenants, conditions and restrictions as recorded in Official Records Book 766 Page 738, but omitting any covenant or restrictions as to race, color, religion, sex, handicap, familial status or national origin.

Easement in favor of CLAY ELECTRIC COOPERATIVE, INC., recorded in Official Records Book 771, Page 1135, of the Public Records of Columbia County, FLORIDA.

Borrow Pit Easement, recorded in Deed Book 32, Page 59, of the Public Records of Columbia County, FLORIDA.

Restrictions, conditions, reservations, easements, and other matters common to the subdivision or shown on the map or plat thereof recorded in Plat Book 6, Pages 81-81B, but omitting any covenant or restriction based on race, color, religion, sex, handicap, familial status or national origin.

The above described property is not the homestead property of 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 she is lawfully seized of said land in fee simple; that she 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, 2004.

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:

Martin Bryan
Witness Signature

MARTIN BRYAN
Printed Name

Brandy Sandage
Witness Signature

Brandy Sandage
Printed Name

Susan E. Moore L.S.
SUSAN E. MOORE

Address:
285 SW HAWTHORNE TERRACE, FT. WHITE, FL
32038

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 29th day of March, 2005, by SUSAN E. MOORE,
who is known to me or who has produced Dr. Adams as identification.

Martha Bryan
Notary Public

My commission expires _____



Martha Bryan

Commission # DD232534

Expires August 10, 2007

Bonded Troy Fain - Insurance, Inc. 800-385-7019

Inst:2005008898 Date:04/18/2005 Time:15:30
Doc Stamp-Deed : 245.00

DC, P. DeWitt Cason, Columbia County B:1043 P:1837

CLYATT WELL DRILLING, INC.

Post Office Box 180
Worthington Springs, FL 32697
Phone (386)496-2488 FAX (386)496-4640

WELL DESCRIPTION**DESCRIPTION DATE****CUSTOMER NAME AND ADDRESS**

Homes By Whittaker, Inc.
FAX #386-454-1957

DESCRIPTION OF WORK

4" Well and Pump
Charles & Diana Bradley
399 Southwest Hawthorne Terrace
Fort White, Florida 32038

DESCRIPTION

4" Well
1 HP Submersible Pump
1-1/4" Galvanized Drop Pipe
14/3 Submersible Pump Wire
81 Gallon Captive Air Tank
4 X 1-1/4 Well Seal
Pressure Relief Valve
Controls, Wire and Fittings
Sales Tax @ 7%

THANK YOU FOR YOUR BUSINESS! This document is provided to give a description of the well to be constructed on your behalf. All materials remain the property of Clyatt Well Drilling, Inc., until paid for in full. Clyatt Well Drilling, Inc., does not agree to find or develop water, nor does it represent, warrant or guarantee the quality or kind of water which may be encountered. If it is necessary to install water filters, the owner agrees it is his/her responsibility to pay the cost. Right to repossess is granted if payment for well is not made.



HOMES BY WHITTAKER, INC.

P.O. Box 771149 • Ocala, Florida 34477 • Phone (352) 873-1313 • Fax (352) 873-1138

July 22, 2005

Columbia County Building Dept.

To Whom It May Concern:

This letter is to confirm that we use fire calking to prevent fire from penetrating the top 2 plates of the attic access.

Thank you.

Sincerely,

Christine Alaimo
Operations Manager
Construction Office
Homes By Whittaker, Inc.

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	Therma-Tru	doors-construction series	1170.2
B. SLIDING	MT Home Products	420	561.1
C. SECTIONAL/ROLL UP	Windsor Door Co.	Model 724, 726, 730 16' door	1167.1
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Better Built	740/3740 Flange Frame 53x73/52x71	663.14/663.15
B. HORIZONTAL SLIDER	N/A		
C. CASEMENT	N/A		
D. FIXED	Better Built	740/3740 Flange Frame 59x72	676.13
E. MULLION	Better Built	mullion no. 5764	987.6
F. SKYLIGHTS	N/A		
G. OTHER			
3. PANEL WALL			
A. SIDING	N/A		
B. SOFFITS	Alcoa Home Ext	Aluminum soffit	1621.1
C. STOREFRONTS	N/A		
D. GLASS BLOCK	US Block Window	Aluminum Frame w/3x8 Blocks	FL30-8
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Tamko Roofing	Heritage 30 AR	673.3
B. NON-STRUCT METAL	N/A		
C. ROOFING TILES	N/A		
D. SINGLE PLY ROOF	N/A		
E. OTHER	N/A		
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	N/A		
B. WOOD ANCHORS	N/A		
C. TRUSS PLATES	Simpson Strong Tie	HTT16	503.20
D. INSULATION FORMS	N/A		
E. LINTELS	Marion Masonry	precast & prestressed lintel	2155.1
F. OTHERS	N/A		
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.

Shandra Casworth
APPLICANT SIGNATURE

1/31/05
DATE

Homes by Whittaker, Inc.

P. O. Box 771149

Ocala, FL 34477-1149

ROOFING, WINDOW & DOOR REQUIREMENTS

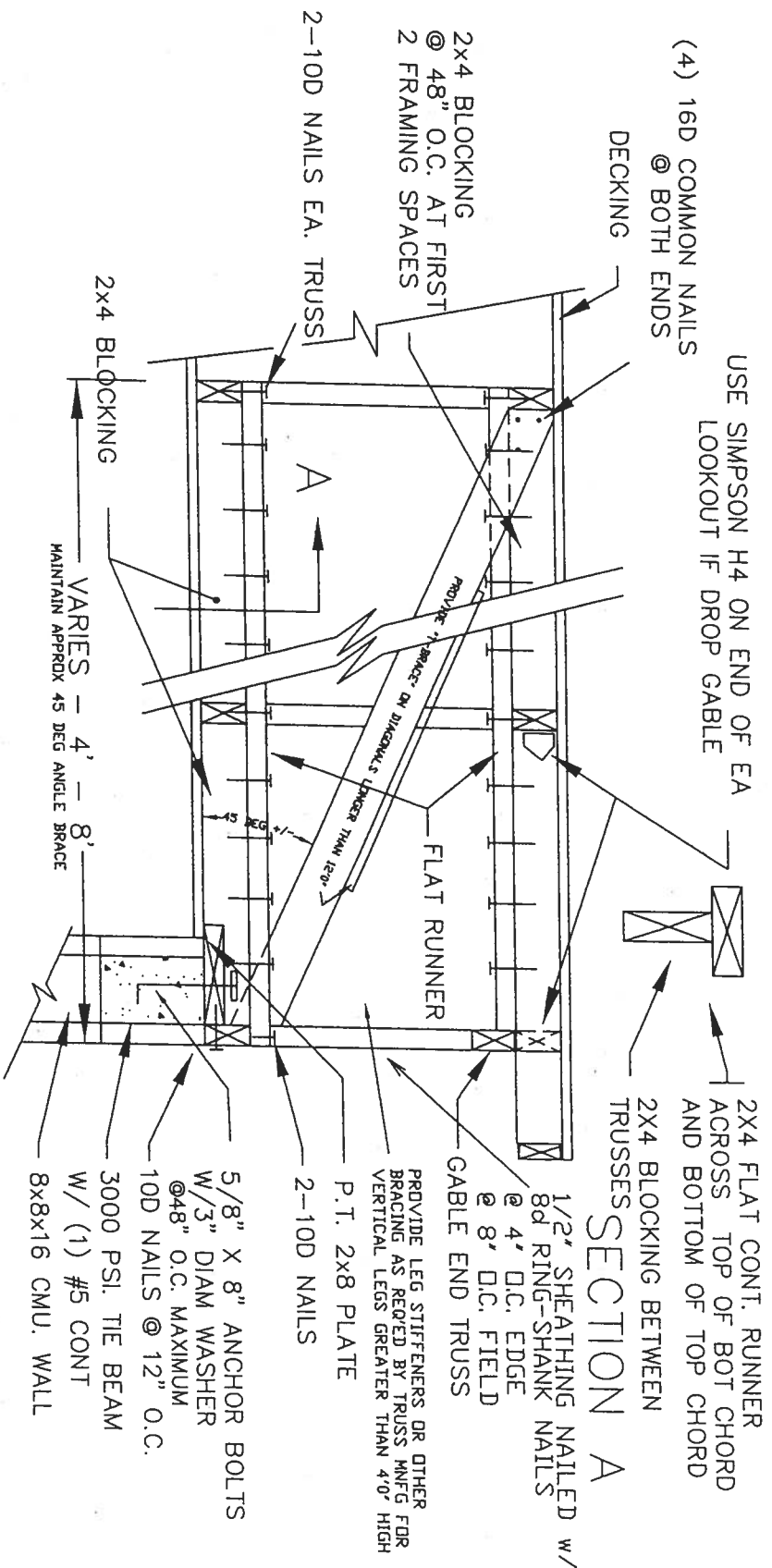
ROOF SYSTEM DESCRIPTION

Diagram illustrating the roof system components and specifications:

- DECK TYPE: OSB, Gable ends 4" o.c., field 6" o.c., hip ends 6", field 12" o.c.
(OSB etc, Nail pattern & fastener size) 8 d common Nail
- UNDERLAYMENT: 30# felt
(Felt weight)
- FLASHING: 29 ga. mil finish 4x5 galvanized
- CAP SHEET: N/A
(Flat roof only)
- ROOF COVERING: 30yr. Tamko
(Mfg. & Nailing) 6 nails per shingle
- DRIP EDGE MATERIAL: Aluminum 12" o.c.
- EAVE VENTILATION: vented aluminum soffit
- VALLEY: 90# ROLLED ROOFING
- EDGE VENTILATION: ridge vent
- ROOF SLOPE: 12" 5"
- SEAN HEIGHT: 86"

WINDLOAD INFO

1. Basic wind speed 100 mph ☒ 110 mph
2. Wind importance factor 1.00
3. Wind exposure B
4. Internal pressure coefficient ± 0.18
5. Components & cladding (design pressure) ± 29

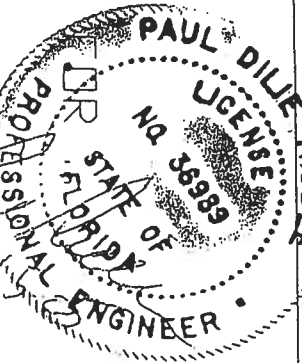


INSTALL GABLE BRACING @ 4'0"
INTERVALS ALONG THE GABLE END

- ENGINEER'S NOTES:**
1. BASIC WIND SPEED = 110 MPH
 - 1B. IF OVERHANG IS GREATER THAN 1'0", USE 2X4 OUTLOOKERS CONNECTED TO GABLE TRUSS AND TO 1ST COMMON TRUSS WITH SIMPSON H4 CLIPS.
 2. WIND IMPORTANCE FACTOR = 1.0
 3. WIND EXPOSURE = "B"
 4. ROOF LIVE LOAD = 20 PSF, DEAD LOAD = 17 PSF
 5. INTERNAL PRESS COEFFICIENT = +0.18

DETAIL MAY BE USED WITH THE FOLLOWING LIMITATIONS:
MAXIMUM SPAN OF GABLE END TRUSS = 34'0"
MAXIMUM ROOF PITCH OF GABLE END TRUSS = 6/12

DETAIL TO BE PLACED ON FILE
HOMES BY WHITTAKER, INC.



RIDDLE CONSULTING ENGINEERS
1720 S.E. COUNTY HWY 484
Bellevue, Florida 34420
(352) 245-7041
CERTIFICATE OF AUTHORIZATION# 00004759

CIVIL

GABLE BRACING DETAIL	
N/A	HOMES BY WHITTAKER
3-15-05	

THERMA-TRU®

CONSTRUCTION SERIES- INSWING 6-8 SINGLE AND DOUBLE
W/O 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 BUCKS 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. THIS PRODUCT WAS TESTED FOR 2.86 LBS. WATER PRESSURE AS PER ASTM-E331.
6. THIS PRODUCT DOES NOT MEET THE WATER REQUIREMENTS FOR MIAMI-DADE COUNTY.
7. MIAMI-DADE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED FOR SIDELITES ONLY.
8. SIDELITES ARE AN OPTION AND CAN BE ORDERED IN A SINGLE OR DOUBLE CONFIGURATION.

RESIDENTIAL INSULATED STEEL DOOR
(Common to all frame conditions)

Door & Sidelite Panel Construction:-

Door Face Sheets: 25 GA.(0.018") minimum thickness.
Galvanized steel A-525 commercial quality - AK00
per ASTM 620 with yield strength $F_y(\text{min.})=27,830$ psi
Gate 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 panels are fitted with contact cement to the wood stiles at the corners.

Sidelite Face Sheets: 24 GA.(0.021") minimum thickness,
Galvanized steel A-525 commercial quality - AK00
per ASTM 620 with yield strength $F_y(\text{min.})=27,830$ psi

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 at the corners. The sidelite panels are sandwich glazed using a two piece lite frame with mitered & welded corners.

Frame Construction: The frame is constructed from finger jointed Ponderosa Pine measuring 4.575" wide x 1.75" thick. The heads" is joined to the side jambs with (3) 16ga. 1/2" crown x 2" long staples at each side. The threshold is joined to the side jambs with (2) 16ga. 1/2" crown x 2.5" long staples at each side. The mullions are secured together in a sidelite application using #8 x 2" long PFH Wood Screws (6) screws per each mullion. The unit uses an inswing saddle threshold measuring 5.75" x 1.548".

TABLE OF CONTENTS

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

UNIT TYPE	DESIGN PRESSURE RATING
SINGLE	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
DOUBLE	+ 67.0 PSF - 87.0 PSF
SINGLE & DOUBLE WITH SIDELITES	+ 60.0 PSF - 80.0 PSF

Approved in compliance with the
Florida Building Code
Date: July 1, 2002
By: [Signature]
N/AJF 02-0626.11
Atlantic Duct Insulation Control
Uniting
S-2114

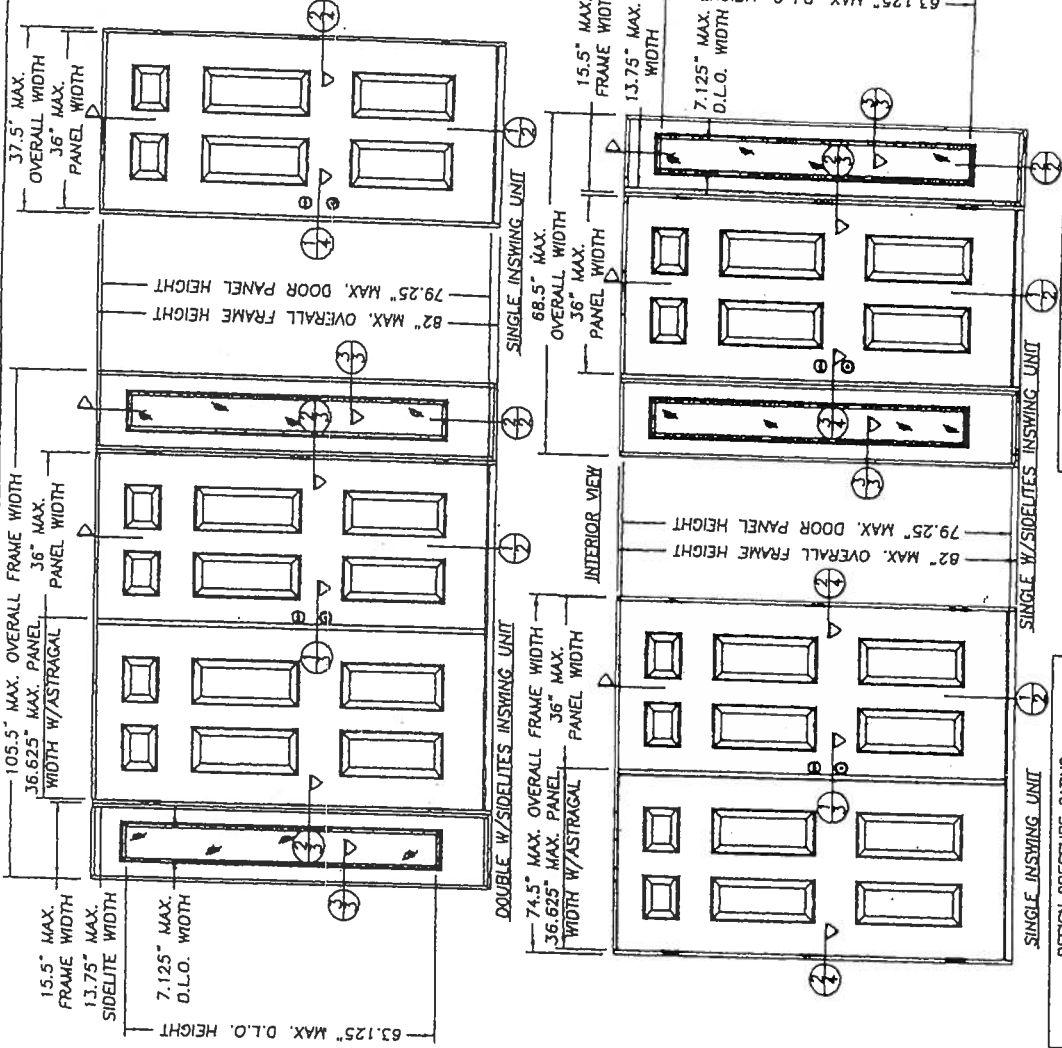
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DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2114
SHEET 1 of 8

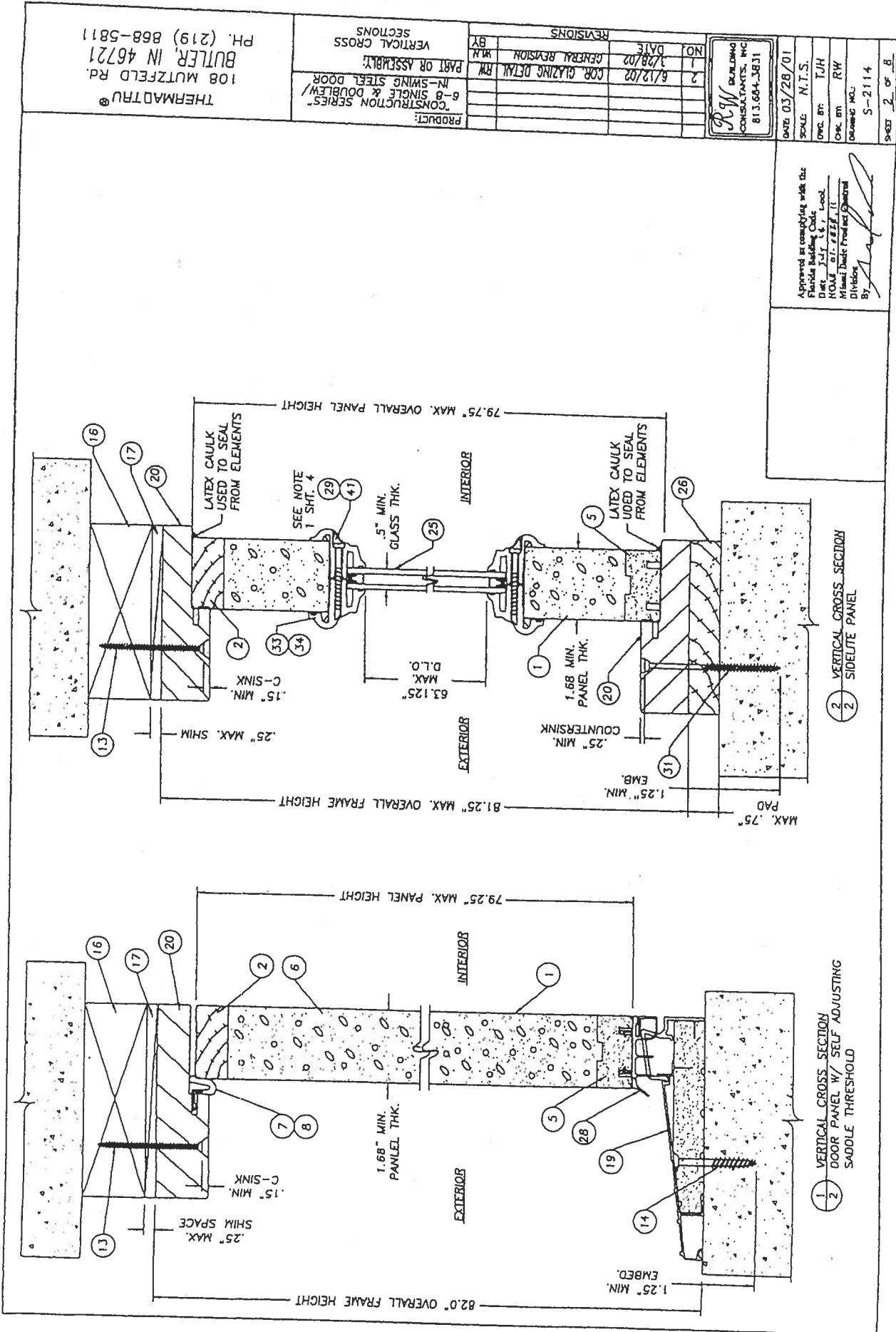
813.68 x 38.31
813.68 x 38.31

NO.	DATE	REVISIONS
1	1/28/02	GENERAL REVISION
2	6/12/02	COR. GLAZING DETAIL

PRODUCT: CONSTRUCTION SERIES- 6-8 SINGLE & DOUBLE IN-SWING STEEL DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATIONS & GENERAL NOTES

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





Approved in compliance with the
Florida Building Code
Date: July 1, 1998
RCA: 01-1111-11
Miami-Dade Product Control
Division
By: [Signature]

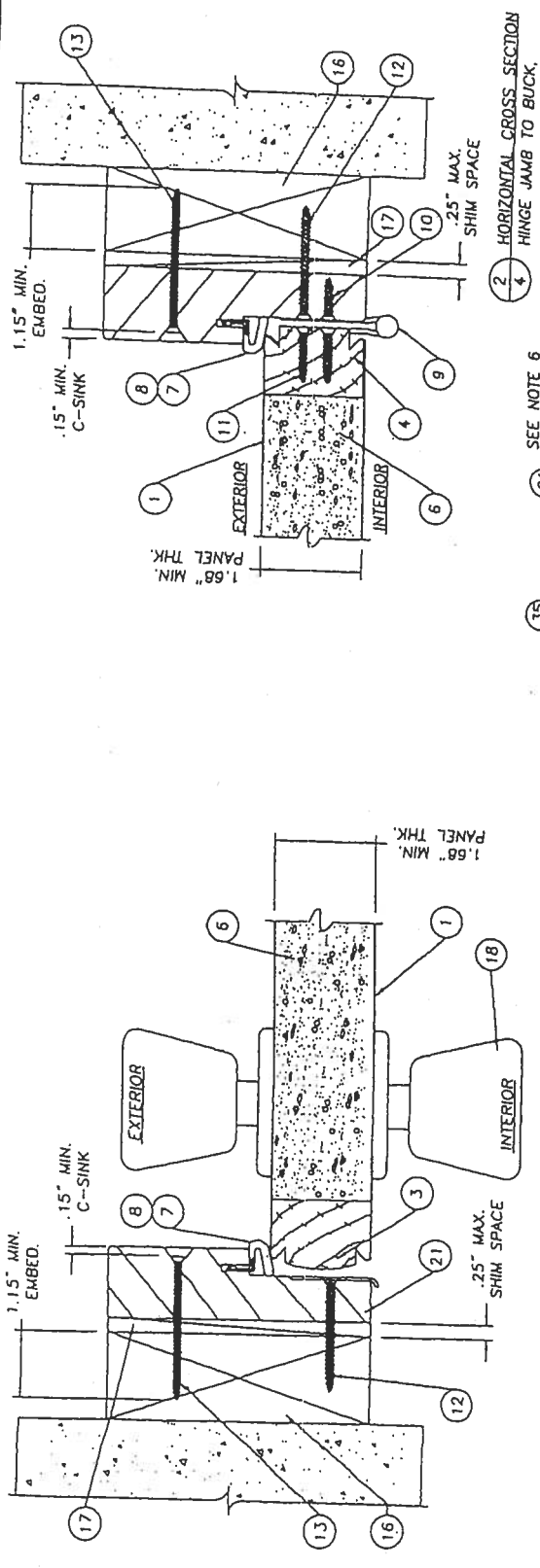
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SCALE: N.T.S.
DWG. BY: T.J.H.
CHK. BY: RW
DESIGN NO.: S-2114
SHEET 2 OF 8

1187-0000
CONSULTANTS, INC.
813.684.3831

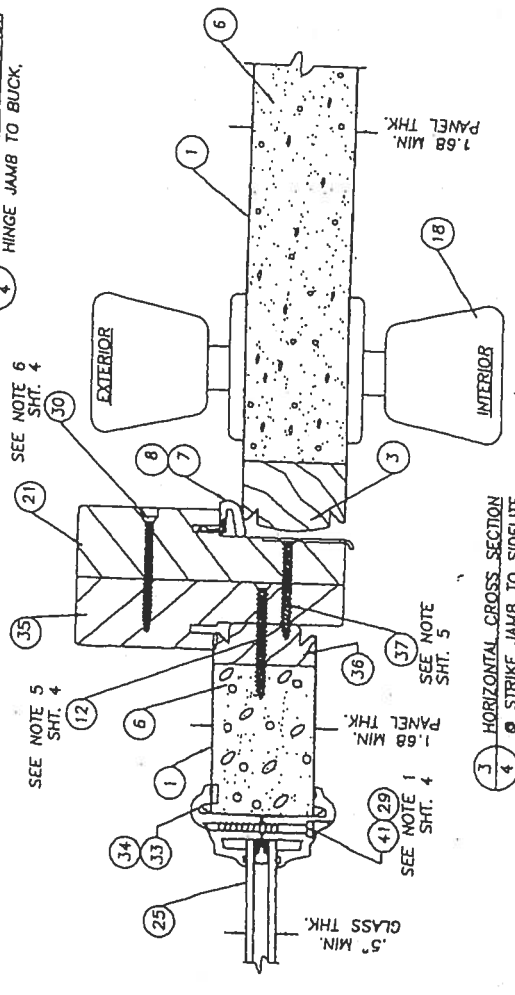
REVISIONS	
NO.	DATE
1	3/28/02
2	6/12/02
COR. GLAZING DETAIL	
GENERAL REVISION	
BY	DATE
RM	RM

PRODUCT:
"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLEW/
N-SWING STEEL DOOR
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS

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



1 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK.



3 HORIZONTAL CROSS SECTION
STRIKE JAMB TO SIDELITE

- NOTES:
1. SPACING FOR ITEM #29 & #41 (LITE FRAME SCREWS) IS AS FOLLOWS: FROM THE TOP DOWN ON SIDES: 3", 14.75", 26.5", 38.25", 50.5" & 62.25". THERE IS (1) SCREW BOTH TOP AND BOTTOM AT 4.25" IN FROM CORNER.
 2. SPACING FOR ITEM #27 #8 x 1" PANHEAD SCREW ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE BOTTOM UP AND TOP DOWN 1", 3", 5", 18.25", 40.5", 59.25", 74.25", 76.25" AND 78.25".
 3. THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) 16GA. x 1/2" CROWN x 2" STAPLES AT BOTH SIDE.
 4. THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) 16GA. x 1/2" CROWN x 2.5" STAPLES AT BOTH SIDE.
 5. THE SIDELITE IS DIRECT SET INTO THE JAMB WITH ITEM #12 #10 x 2" PFH WOOD SCREW AT 6" DOWN FROM EACH CORNER AND A MAX. OF 12" O.C. ON THE SIDE JAMBS ONLY.
 6. SPACING FOR ITEM #30, A #8 x 2.0" SCREW SECURING THE MULLIONS TOGETHER IS THE SAME AS THE PERIMETER ANCHORING SCREWS. 6" DOWN FROM THE TOP AND UP FROM THE BOTTOM WITH (4) MORE SPACED AT 14.0" O.C.

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

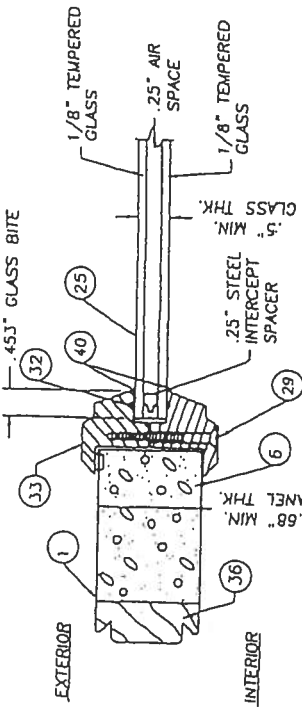
PRODUCT:
CONSTRUCTION SERIES
6-8 SINGLE & DOUBLE
IN-SHINE STEEL DOOR
PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS & NOTES

REVISIONS	
NO.	DATE
1	3/28/02
2	6/12/02
COR. GLAZING DETAIL RW	
GENERAL REMISION	
BY	WLM

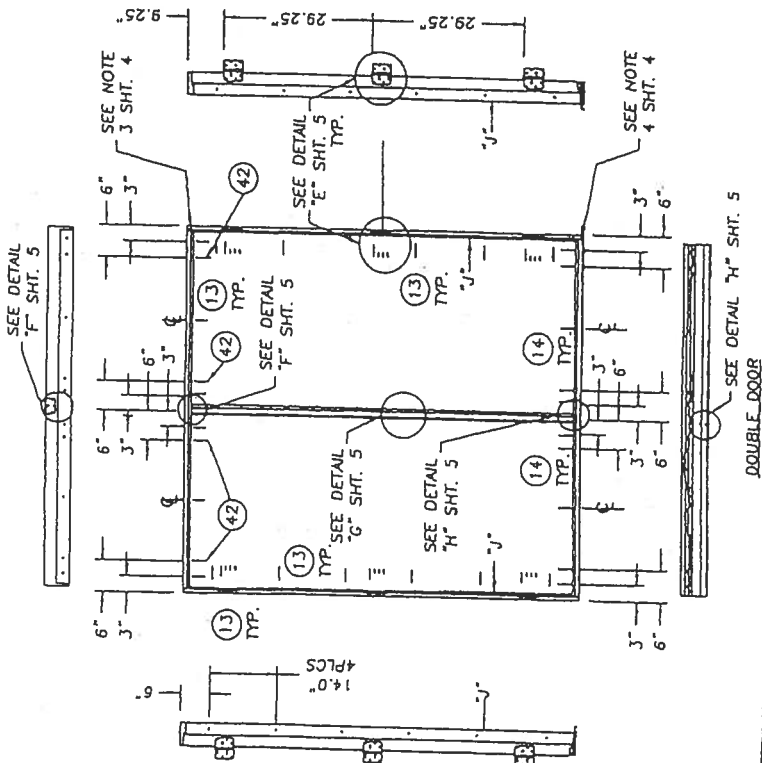
BUILDING
CONSULTANTS, INC.
813.894.3831

DATE 03/28/01
SCALE N.T.S.
DWG. BY TJH
CHK. BY RW
CROSSING NO. S-2114
SHEET 4 OF 8

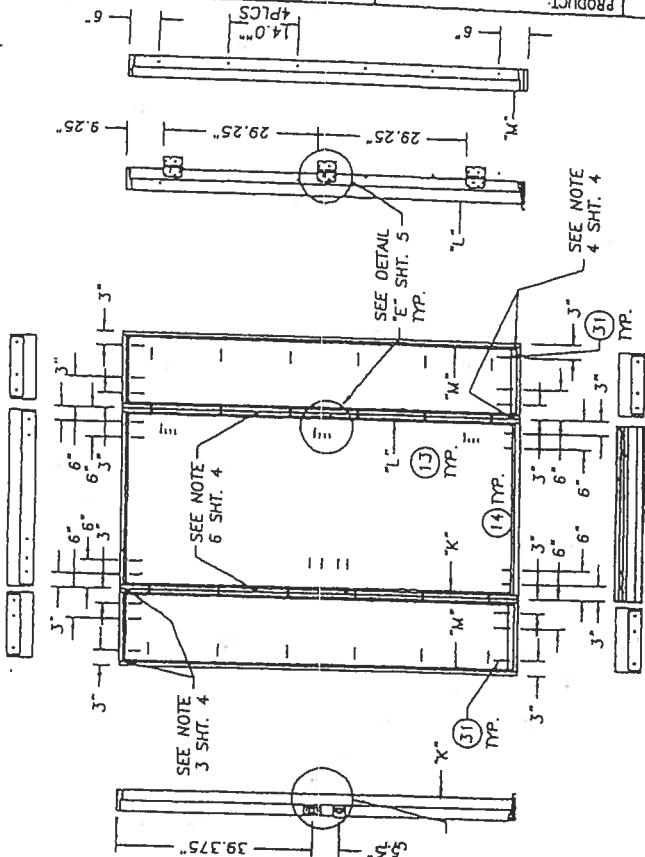
Approved as complying with the
Florida Building Code
Date July 18, 2002
DMA 07-07 14.11
Miami-Dade Product Control
Division
BY



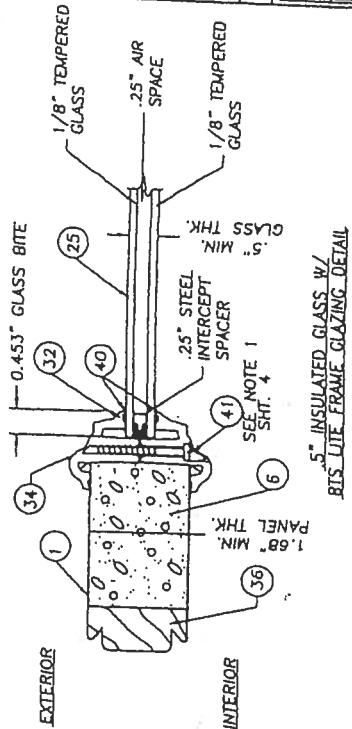
5" INSULATED GLASS W/
PVC LITE FRAME GLAZING DETAIL



DOUBLE DOOR
SEE DETAIL "H" SHT. 5



SINGLE DOOR W/SIDELITES



5" INSULATED GLASS W/
RHS LITE FRAME GLAZING DETAIL

Approved as complying with the
National Building Code
Date: 03/28/01
MOA: 03/28/01
National Building Code
Division
S-2114

DATE: 03/28/01
SHEET: N.T.S.
DWG. BY: T.J.H.
CHK. BY: R.W.
DRAWING NO.: S-2114

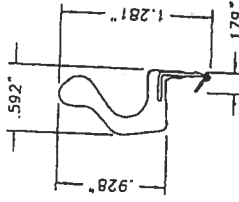
NO.	DATE	REVISIONS
1	3/28/02	GENERAL REVISION
2	6/12/02	CONSTRUCTION SERIES

PRODUCT: 6-8 SINGLE & DOUBLE
PART OR ASSEMBLY: IN-SWING STEEL DOOR
ANCHORING LOCATIONS
& CLAZING DETAILS

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

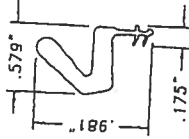
TERMAADTRU

Item	DESCRIPTION	MATERIAL
1	DOOR SSK: CONSTRUCTION SERIES 256A (.018" MIN.)	STEEL
2	TOP RAIL (1.828" x .851" THERMA-TRU PONDROSA PINE)	WOOD
3	UPPER STILE (THERMA-TRU, PONDROSA PINE 1.639" x 1.249")	WOOD
4	MIDDLE STILE (THERMA-TRU, PONDROSA PINE 1.625" x 1.234")	WOOD
5	BOTTOM RAIL (1.628" x .831" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)	FOAM
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
9	4" x 4" HINGE .092" 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" x 2.0" MIN. TAPCON ANCHOR (ELCO)	STEEL
15	NOT USED	CONC.
16	2x WOOD BUCK	WOOD
17	MAX. 1/4" SHIM MATERIAL	WOOD
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK	WOOD
19	SELF ADJUSTING RISING SADDLE THRESHOLD	WOOD
20	4.656" HEADER (THERMA-TRU, PONDROSA PINE)	WOOD
21	4.656" STRIKE JAMB (THERMA-TRU, PONDROSA PINE)	WOOD
22	4.656" HINGE JAMB (THERMA-TRU, PONDROSA PINE)	WOOD
23	KWIKSET TITAN 700 SERIES DEADBOLT	WOOD
24	ASTRAGAL WINDJAMBER II WR68T (.052" WALL)	ALUM.
25	GLAZING 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSURE TREATED SIDELITE PAD	WOOD
27	1/8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	RISING DOOR BOTTOM SWEEP	STEEL
29	16-18 x 1 3/4" PHILIPS FLATHEAD SCREW (FOR ITEM #33)	VINYL
30	1/8 x 2" LG. PFH WOOD SCREW	STEEL
31	3/16" x 3 1/4" MIN. TAPCON ANCHOR (ELCO)	STEEL
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	STEEL
33	PLASTIC UP LITE FRAME (PVC, THERMA-TRU)	PVC
34	PLASTIC UP LITE FRAME (BIS, THERMA-TRU)	BIS
35	4.656" BLANK JAMB (THERMA-TRU, PONDROSA PINE)	WOOD
36	SPURR SIDE STILE (THERMA-TRU, 1.625" x .719" PONDROSA PINE)	WOOD
37	1/10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	NOT USED	STEEL
39	NOT USED	STEEL
40	SILICONE CAULK	STEEL
41	1/8-10 x 1 1/2" PLASCREW (FOR ITEM #34)	SILICONE
42	1/10 x 3" LG. PFH WOOD SCREW	STEEL
43	SLIGHT: CONSTRUCTION SERIES 24 GA (.0021")	STEEL



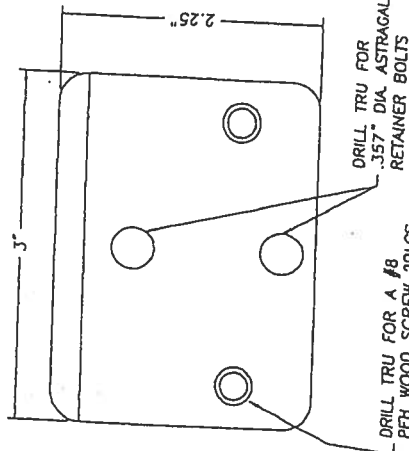
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LONG REACH COMPRESSION WEATHERSTRIP
FOAM CELL CORE W/MYLL JACKET



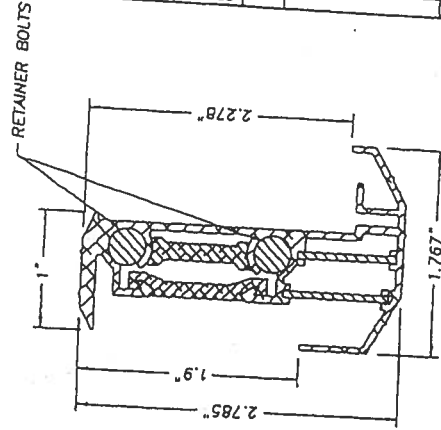
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COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/MYLL JACKET

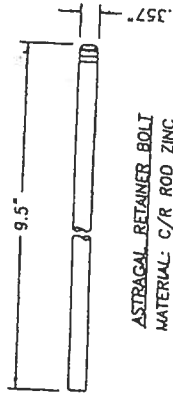


DRILL TRU FOR A #8
PFH WOOD SCREW 2PLCS

WINDJAMBER II WR68T STRIKE PLATE



WINDJAMBER II WR68T
ASTRAGAL (ALUMINUM .052\"/>



ASTRAGAL RETAINER BOLT
MATERIAL: C/R ROD ZINC
& YELLOW CHROMATE

BLU LONG CONSTANTS INC. 813.684.3831	
--	--

DATE: 03/28/01	SCALE: N.T.S.
DWG. BY: T.J.H.	DWG. BY: R.W.
DWG. NO.: S-2114	DATE: 03/28/01

Approved as complying with the
Florida Building Code
Date: July 18, 2002
RCAJ dr. # B-18-11
Miami Dade Product Control
Division
By: [Signature]

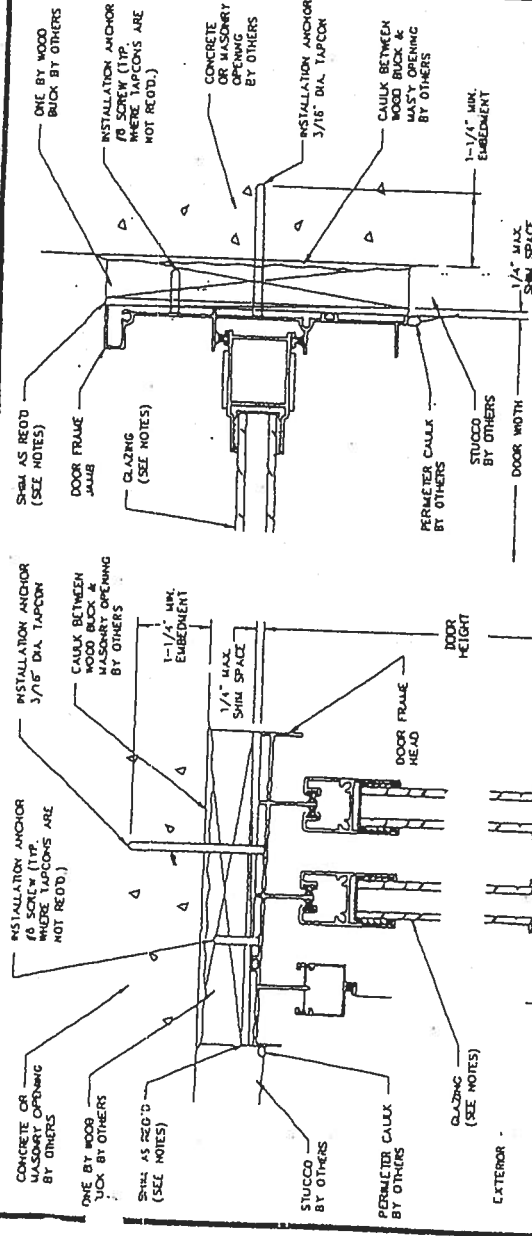
REVISIONS	
NO.	DATE
1	3/28/02
2	6/12/02
COR. GLAZING DETAIL	
BY	DATE
RM	

PRODUCT:	CONSTRUCTION SERIES 8-8 SINGLE & DOUBLE IN-SWING STEEL DOOR
PART OR ASSEMBLY:	
BILL OF MATERIALS & UNIT COMPONENTS	

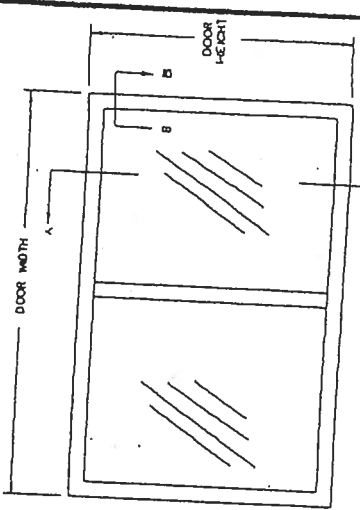
THERMA-TRU®
108 MUTZFELD RD.
BUTLER, IN 46721
PH. (219) 868-5811

TAPCON INSTALLATION CHART

CALL SIZE	DOOR SIZE	LOCATION IN HEAD & SILL				QTY. IN WOOD STRIP
		UP TO 48 PSF	48 PSF TO 60 PSF	60 PSF TO 70 PSF	70 PSF TO 100 PSF	
5068 XO, OX, XX	58 X 80	1	3	4	1	1
6068 XO, OX, XX	72 X 80	1	3	4	1	1
8068 XO, OX, XX	96 X 80	1	3	4	1	1
10068 XO, OX, XX	120 X 80	1	3	4	1	1
5068 XO, OX, XX	58 X 96	1	3	4	1	1
6068 XO, OX, XX	72 X 96	1	3	4	1	1
8068 XO, OX, XX	96 X 96	1	3	4	1	1
10068 XO, OX, XX	120 X 96	1	3	4	1	1
5068 XO, OX, XX	58 X 120	1	3	4	1	1
6068 XO, OX, XX	72 X 120	1	3	4	1	1
8068 XO, OX, XX	96 X 120	1	3	4	1	1
10068 XO, OX, XX	120 X 120	1	3	4	1	1
5068 XO, OX, XX	58 X 144	1	3	4	1	1
6068 XO, OX, XX	72 X 144	1	3	4	1	1
8068 XO, OX, XX	96 X 144	1	3	4	1	1
10068 XO, OX, XX	120 X 144	1	3	4	1	1
5068 XO, OX, XX	58 X 168	1	3	4	1	1
6068 XO, OX, XX	72 X 168	1	3	4	1	1
8068 XO, OX, XX	96 X 168	1	3	4	1	1
10068 XO, OX, XX	120 X 168	1	3	4	1	1
5068 XO, OX, XX	58 X 192	1	3	4	1	1
6068 XO, OX, XX	72 X 192	1	3	4	1	1
8068 XO, OX, XX	96 X 192	1	3	4	1	1
10068 XO, OX, XX	120 X 192	1	3	4	1	1
5068 XO, OX, XX	58 X 216	1	3	4	1	1
6068 XO, OX, XX	72 X 216	1	3	4	1	1
8068 XO, OX, XX	96 X 216	1	3	4	1	1
10068 XO, OX, XX	120 X 216	1	3	4	1	1



CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME:
BETTER BUILT/MI HOMES
MASTER FILE #



EXTERIOR ELEVATION

MI HOME PRODUCTS
GRATZ, PA.

SERIES 420/430/440 SLIDING GLASS DOOR
INSTALLATION WITH TAPCONS

DOOR: 420/430/440
DATE: 12/13/01

DESIGNED BY: CIVIL
SCALE: N.T.S.



- NOTES:**
- 1) DOOR MATERIAL: ALUMINUM ALLOY 6063.
 - 2) TAPCON INSTALLATION: TAPCONS MUST BE OF SUFFICIENT LENGTH TO ANCHOR W/IN EMBEDMENT OF 1-1/4" W/IN CONCRETE OR MASONRY.
 - 3) ANCHOR QUANTITY: ANCHOR QUANTITY LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 4) USE LATER CAULK FOR PERIMETER SEALING BETWEEN DOOR FRAME AND CONCRETE OR MASONRY.
 - 5) PERIMETER CAULK: PERIMETER CAULK IS NOT LISTED IN ANCHOR CHART. USE ANCHOR QUANTITY LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 6) TAPCON QUANTITY: TAPCON QUANTITY LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 7) TAPCON TYPE: TAPCON TYPE LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 8) TAPCON SIZE: TAPCON SIZE LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 9) TAPCON LENGTH: TAPCON LENGTH LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 10) TAPCON DIA: TAPCON DIA LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 11) TAPCON TYPE: TAPCON TYPE LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 12) TAPCON SIZE: TAPCON SIZE LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 13) TAPCON LENGTH: TAPCON LENGTH LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 14) TAPCON DIA: TAPCON DIA LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 15) TAPCON TYPE: TAPCON TYPE LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.
 - 16) TAPCON SIZE: TAPCON SIZE LISTED WITH NEXT LARGEST SIZE FOR THE DOOR.

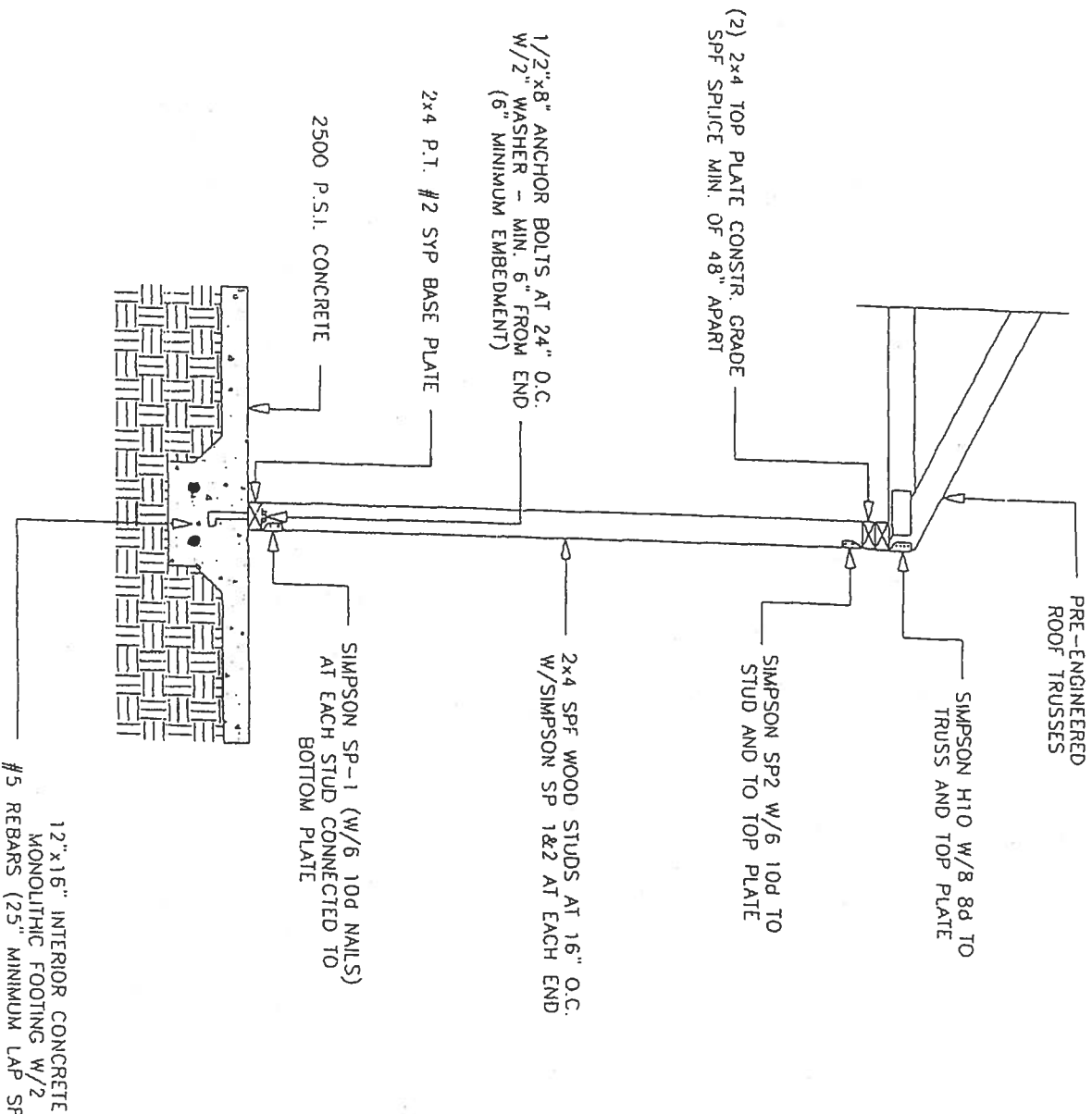
HOOK STRIP DETAIL

Sep 23 04 03:01p

Riddle Engineering

(352)245-5458

P. 1



INTERIOR BEARING WALL DETAIL

NO SCALE



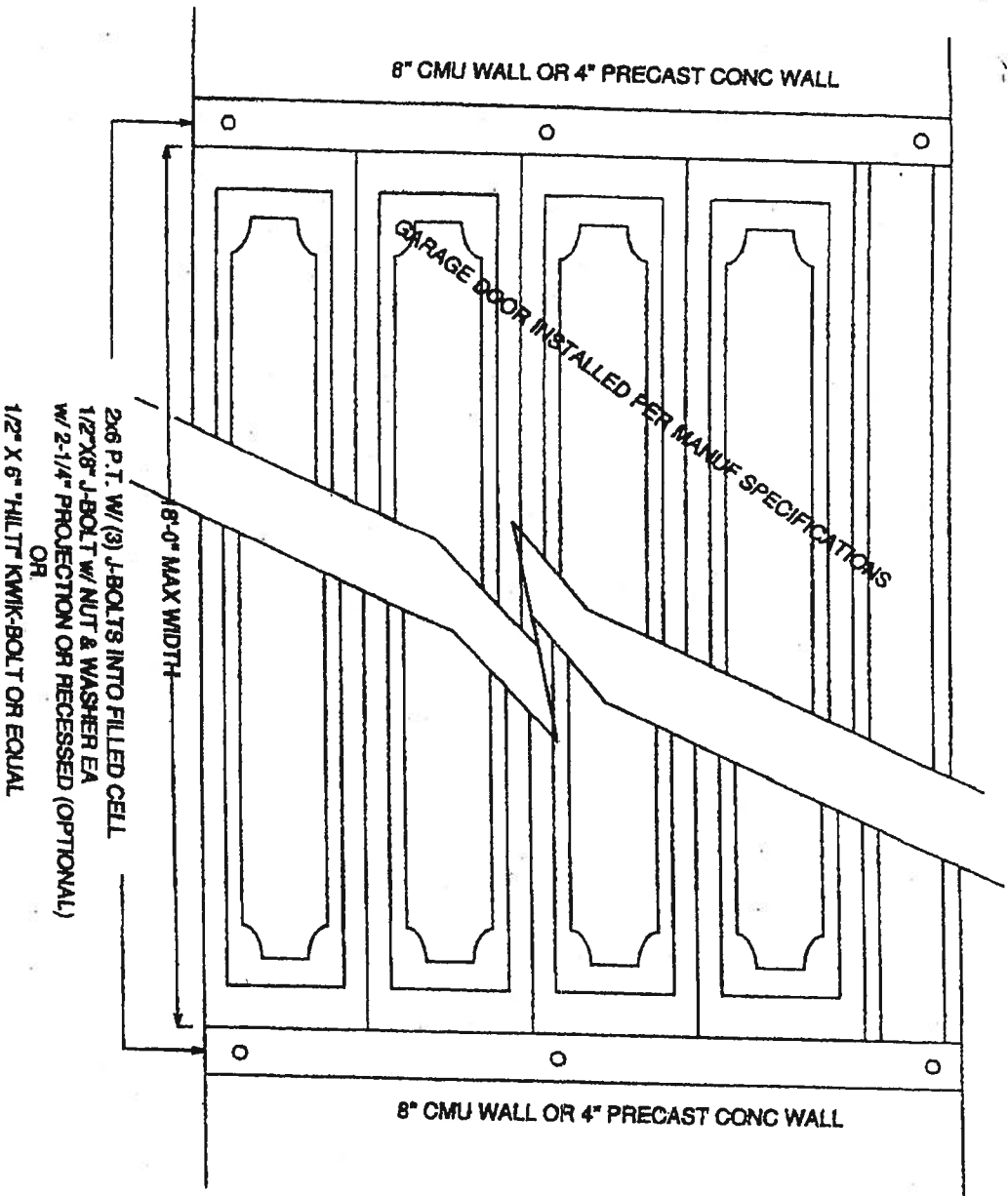
RIDDLE CONSULTING ENGINEERS, INC.

1720 S.E. COUNTY ROAD 484

BOULDER, FL 34420

(352) 245-5458

Certificate of Registration - 0000059



GARAGE DOOR ATTACHMENT DETAIL

SCALE 1/2" = 1'-0"

@ EXTERIOR WALL

DESIGN WIND SPEED = 110 MPH
FLORIDA BUILDING CODE 2001
DESIGN WIND PRESSURE = +21.8, - 29.1 PSF

DETAIL IS TO BE PLACED ON FILE
FOR HOMES BY WHITTAKER, INC.

2x6 P.T. W/ (3) J-BOLTS INTO FILLED CELL
1/2"x8" J-BOLT W/ NUT & WASHER EA
W/ 2-1/4" PROJECTION OR RECESSED (OPTIONAL)
OR
1/2" X 6" TILT KWIK-BOLT OR EQUAL

GARAGE DOOR ATTACHMENT DETAIL				
FOR				
HOMES BY WHITTAKER, INC.				
RIDDLE CONSULTING ENGINEERS CERTIFICATE OF AUTHORIZATION: 00007016 1720 S.E. COUNTY HWY. 484 Buckeye, Florida 34420 (352) 245-7041 MECHANICAL STRUCTURAL				
scale	drawn	date	Proj No.	Page
NTS	PDR	7/10/09	N/A	1 of 1

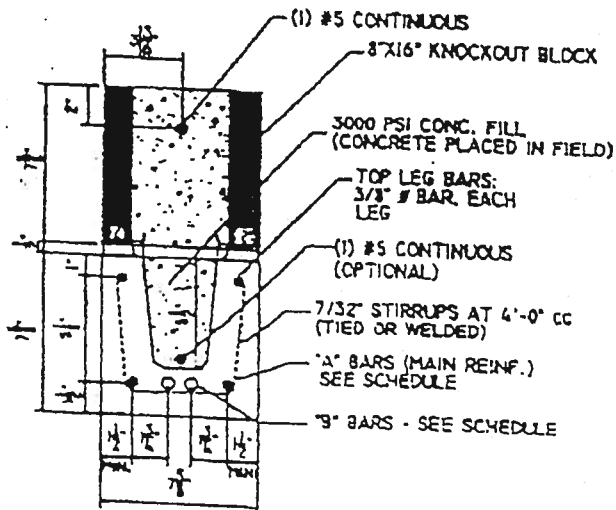
Marion Masonry Materials, Inc.

3855 N.E. 35TH STREET
OCALA, FL 34479
PH. (352) 629-9788

TABLE NO. 5
PRECAST LINTELS
REINFORCING SCHEDULE & LOAD CAPACITIES
8"x16" FILLED COMPOSITE PRESTRESS LINTEL

LINTEL LENGTH	CLEAR SPAN	LINTEL STEEL BOTTOM (2) #3	LINTEL STEEL TOP (2) #3	UNIFORM LOAD (WU/PLF)	UNIFORM LOAD W/ID #5 CONT. @ BOTTOM (WU/PLF)	UPLIFT LOAD W/ID #5 CONT. @ TOP (WU/PLF)	UPLIFT LOAD W/ID #5 CONT. @ TOP (WU/PLF)
2.83	1.50	(2) #3	NONE	10000.00	N.R.	10000.00	10000.00
3.50	2.17	(2) #3	NONE	10000.00	N.R.	10000.00	10000.00
4.00	2.87	(2) #3	NONE	9591	N.R.	10000.00	10000.00
4.50	3.17	(2) #3	NONE	7016	N.R.	10000.00	10000.00
4.67	3.33	(2) #3	NONE	6400	N.R.	9635	10000.00
5.33	4.00	(2) #4	NONE	4560	N.R.	8770	10000.00
5.83	4.50	(2) #4	NONE	8160	N.R.	6240	9142
6.33	5.00	(2) #4	NONE	5257	N.R.	4960	7036
6.50	5.17	(2) #4	NONE	4784	N.R.	4088	5716
6.67	5.33	(2) #4	NONE	4528	N.R.	3840	5376
7.50	6.17	(2) #5	NONE	3580	N.R.	2720	5076
7.67	6.33	(2) #5	NONE	3360	N.R.	2592	3960
8.00	6.67	(2) #5	NONE	3120	N.R.	2400	3792
8.33	7.00	(2) #5	NONE	2952	N.R.	2120	3492
9.33	8.00	(2) #5	NONE	2424	N.R.	1600	2648
10.50	9.17	(2) #5	NONE	2000	N.R.	1224	2184
11.33	10.00	(2) #5	NONE	1800	N.R.	1016	1936
12.00	10.57	(2) #5	NONE	1600	N.R.	888	1776
12.50	11.17	(2) #5	NONE	1560	N.R.	800	1670
13.33	12.00	(2) #5	NONE	1424	N.R.	688	1516
14.00	12.67	(2) #5	NONE	1328	N.R.	608	1352

1) N.R. - NOT RATED



COMPOSITE LINTEL SECTION

NOTES:

1. MINIMUM COVERAGE OF STEEL - 1.5"
2. MIN. BEARING REQUIRED AT EA. END - 6 1/2" (UNFILLED), AND 8" ALL RECESS LINTEL 4" (FILLED)
3. STANDARD FOR REINF. STEEL - ASTM A615 (GRADE 60)

DE DANSO

ENGINEERING, P.A.
P.O. BOX 3400 - APOLO BEACH - FLORIDA - 33572
PHONE - (813) 843 0164 FAX - (813) 843 2626
OR 1310

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PRECAST LINTEL LOAD TABLE

DATE: 5/10/01 SCALE: 1/8" = 1'-0" DWG: RR

OCALA, FL.

MARION MASONRY MATERIALS CONC.

210134

JUL 02 2001

SM

Marion Masonry Materials, Inc.

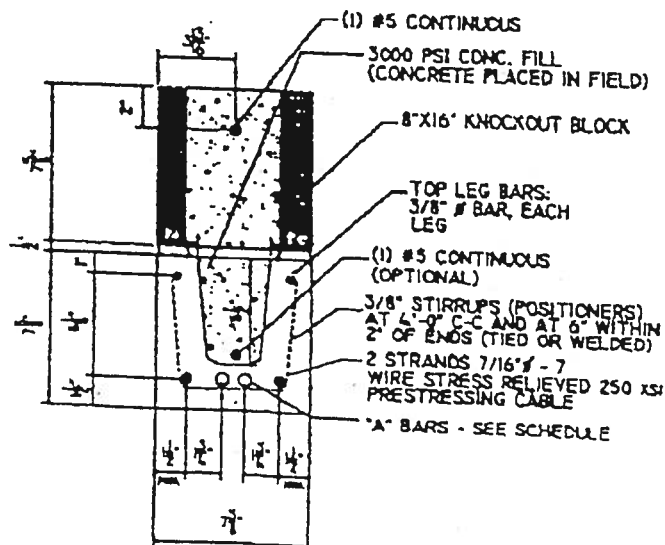


3855 N.E. 35TH STREET
OCALA, FL 34679
PH. (352) 629-9788

TABLE NO. 6						
PRESTRESSED LINTELS						
REINFORCING SCHEDULE & LOAD CAPACITIES						
8"X16" FILLED COMPOSITE PRESTRESSED LINTEL						
LINTEL LENGTH	CLEAR SPAN	LINTEL STEEL BOTTOM (EACH)	UNIFORM LOAD (WU/PLF)	UNIFORM LOAD W/10 #5 CONT. @ BOTTOM (WU/PLF)	UPLIFT LOAD W/10 #5 CONT. @ TOP (WU/PLF)	UPLIFT LOAD W/10 #5 CONT. @ TOP (WU/PLF)
14.67	13.33	(2) #3	1810	N.R.	501	1298
15.33	14.00	(2) #3	1540	N.R.	476	1176
17.33	16.00	(2) #4	1260	N.R.	452	893
19.33	18.00	(2) #5	1085	N.R.	357	697
20.00	18.67	(2) #5	1050	N.R.	333	648
21.33	20.00	(2) #5	980	N.R.	287	560
22.00	20.67	(2) #5	910	N.R.	270	525
24.00	22.67	(2) #5	840	N.R.	224	434

1) N.R. - NOT RATED

JUL 02 2001



- NOTES:
1. MINIMUM COVERAGE OF STEEL - 1.5"
 2. MIN. BEARING REQUIRED AT EA. END - 6 1/2" (UNFILLED).
 3. STANDARD FOR REINF. STEEL - ASTM A615 4" (FILLED) AND 8" RECESS LINTEL
 4. STAND. FOR PRESTRESSING TENDONS - ASTM A416
 5. MINIMUM PRESTRESS - 12,000 LBS.
 6. CONCRETE STRENGTH AT RELEASE - 3,500 PSI

FILLED LINTEL SECTION

DE DANSKO

ENGINEERING, P.A.
P.O. BOX 3400 - APOLO BEACH - FLORIDA - 33572
PHONE - (813) 845 0164 FAX - (813) 845 0688
E8 4310

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PRESTRESSED LINTEL LOAD TABLE

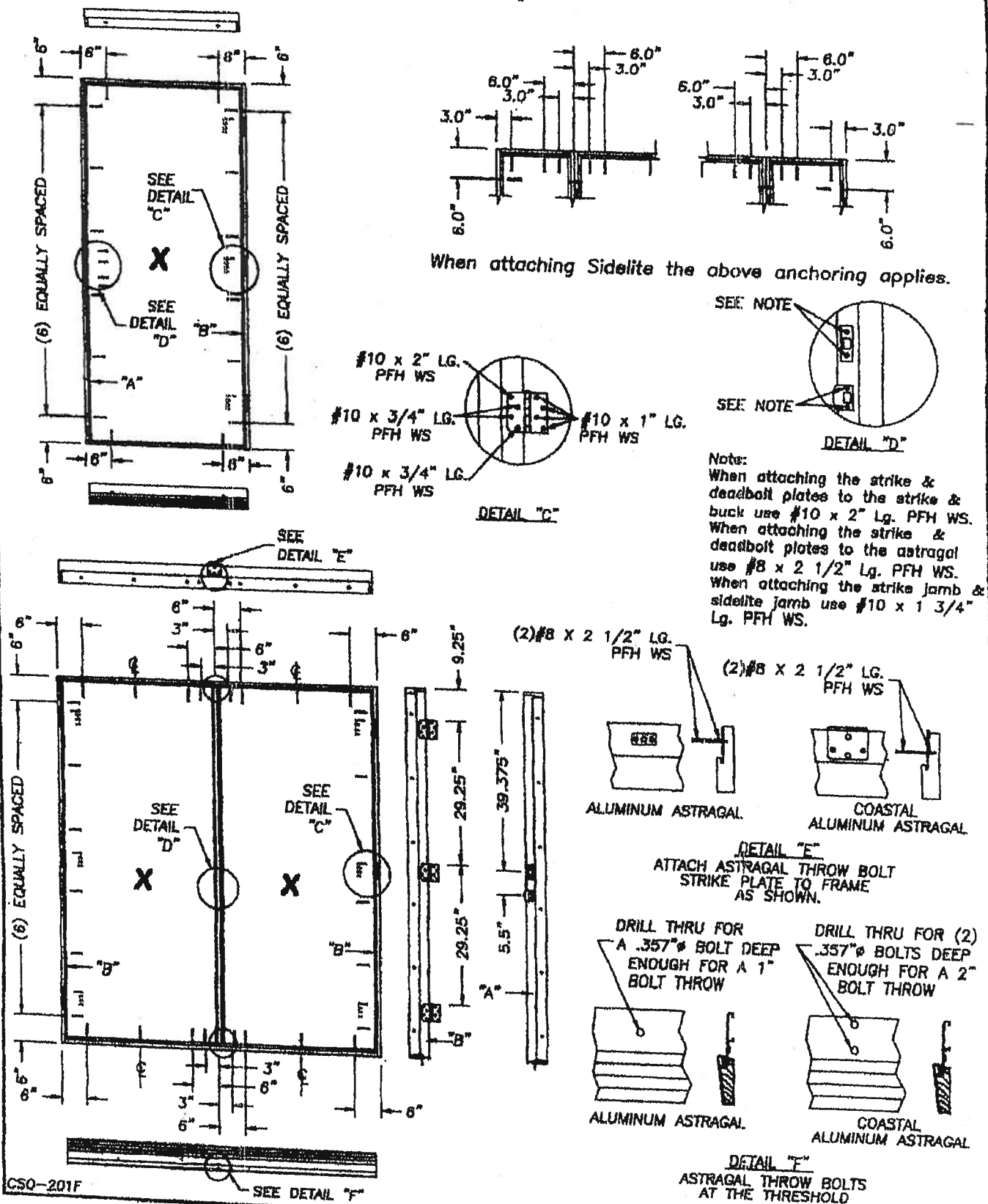
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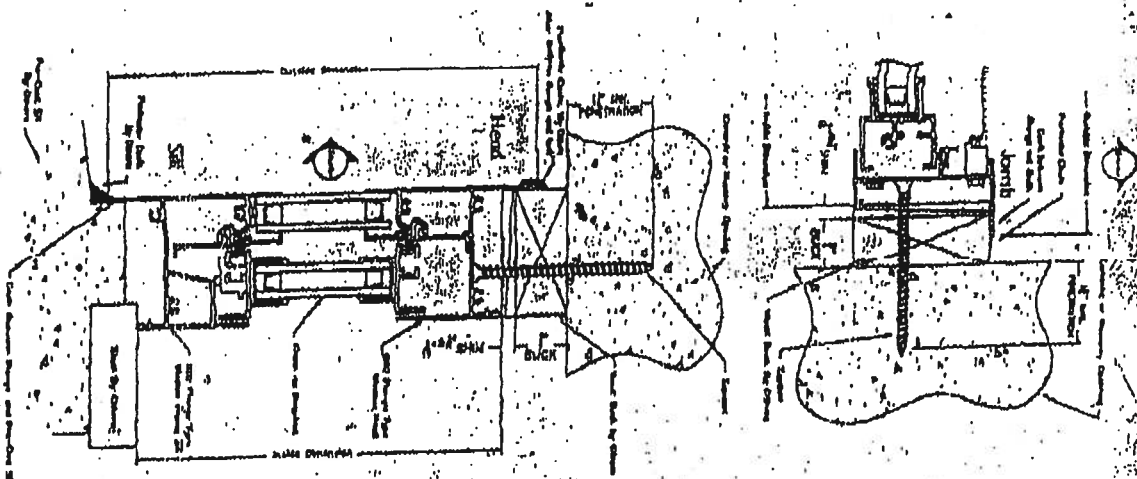
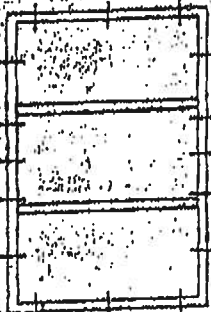
OCALA, FL.

MARION MASONRY MATERIALS CONC.

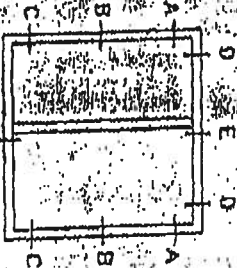
210134

**Therma-Tru® Construction Series Wood Edge Out-swing Steel Door
Maximum Size Up To 8'4 x 6'8**



[illegible]

CODE		NUMBER OF SHEETS	REGISTERED LOCATIONS	
ZONE			1st TO 25th	26th TO 50th
1-4 = 2-4	CD	23 1/2 = 23	CD	CD
1-4 = 5-4	CD	23 1/2 = 36	CD	CD
5-4 = 2-4	CD	31 1/2 = 23	CD	CD
5-4 = 5-4	CD	35 1/2 = 15	CD	CD
5-4 = 6-4	CD	35 1/2 = 47	CD	CD
5-4 = 5-4	CD	35 1/2 = 39	CD	ACE
4-4 = 2-4	CD	47 1/2 = 23	CD	CD
4-4 = 5-4	CD	47 1/2 = 35	CD	CD
4-4 = 6-4	CD	47 1/2 = 47	CD	ACE
4-4 = 5-4	CD	47 1/2 = 39	CD	ACE
4-4 = 6-4	CD	47 1/2 = 71	CD	ACE
5-4 = 2-4	CD	59 1/2 = 23	CD	CD
5-4 = 5-4	CD	59 1/2 = 35	CD	ACE
5-4 = 6-4	CD	59 1/2 = 47	CD	ACE
5-4 = 5-4	CD	59 1/2 = 39	CD	ACE
5-4 = 6-4	CD	59 1/2 = 71	CD	ACE
6-4 = 2-4	CD	71 1/2 = 23	CD	CD
6-4 = 5-4	CD	71 1/2 = 35	CD	CD
6-4 = 6-4	CD	71 1/2 = 47	CD	CD
6-4 = 5-4	CD	71 1/2 = 39	CD	CD
6-4 = 6-4	CD	71 1/2 = 71	CD	CD



CENTRAL FLORIDA B.O.-A.F.

WEAVER & CUTBERT NAME:

SECRET

11-2-21
447 23 2003

4/27/2003

Sloven M, Urtan
110 Gerry Ct
York, PA 17402
FL PL 187798

PROJECT NA
01-48408.01

0149
Masonry Installation of 480/880 Flange Silder 5/19/03

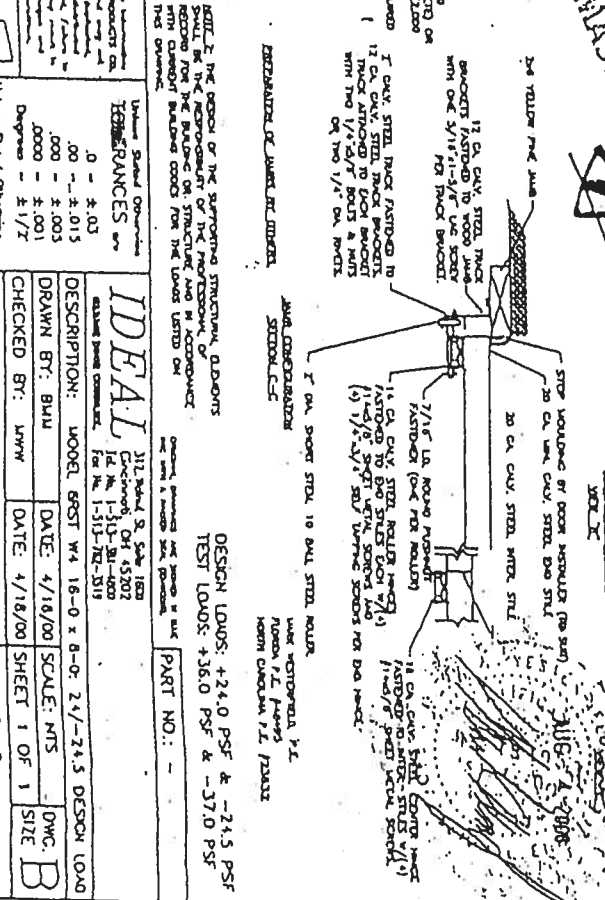
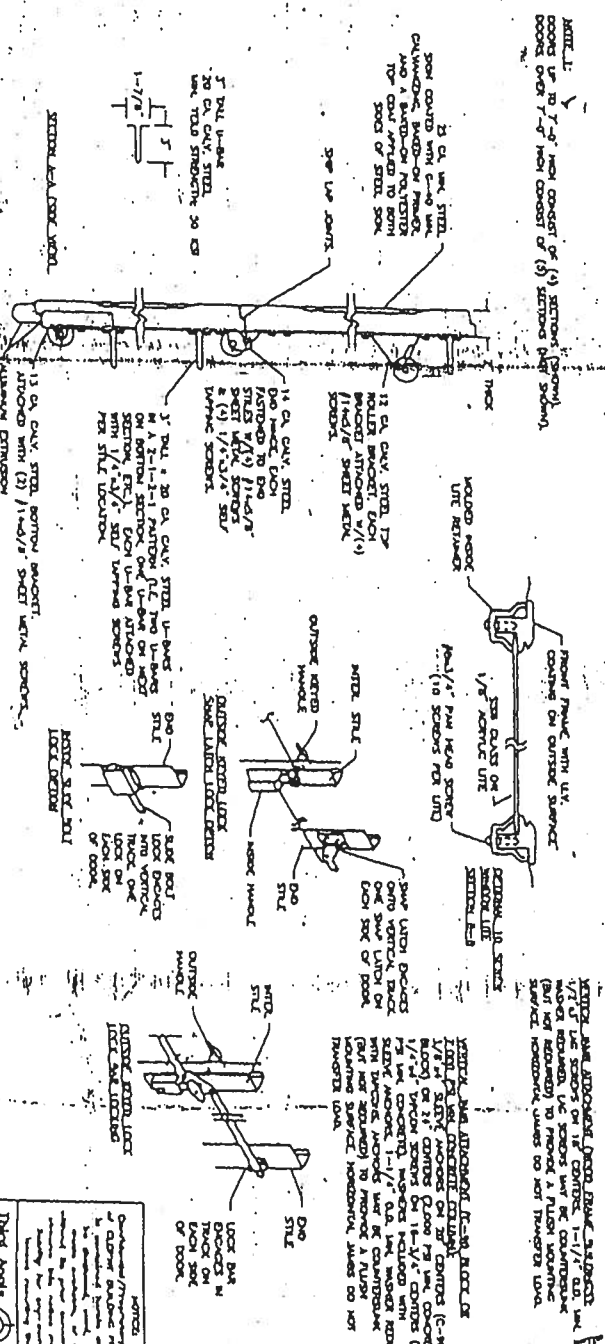
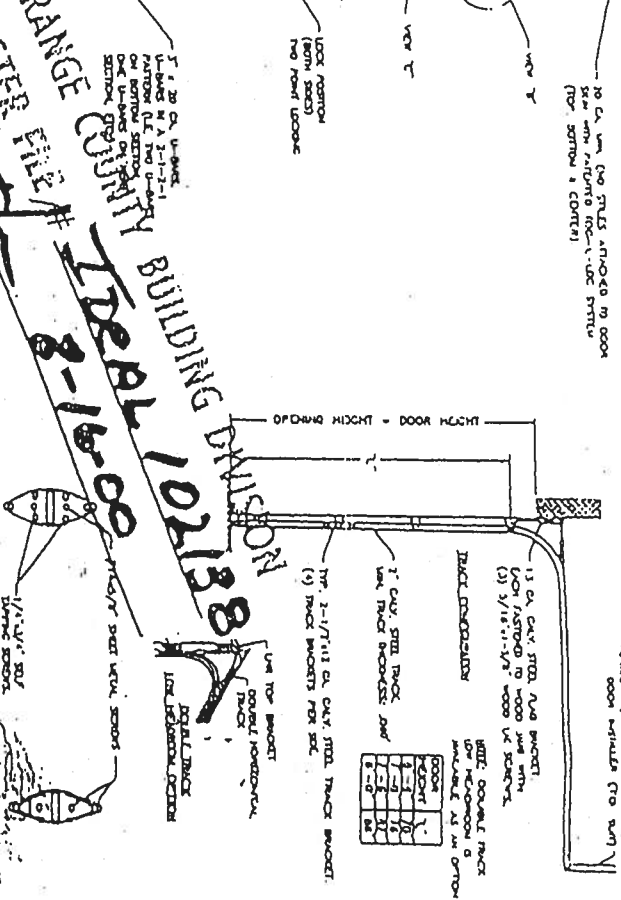
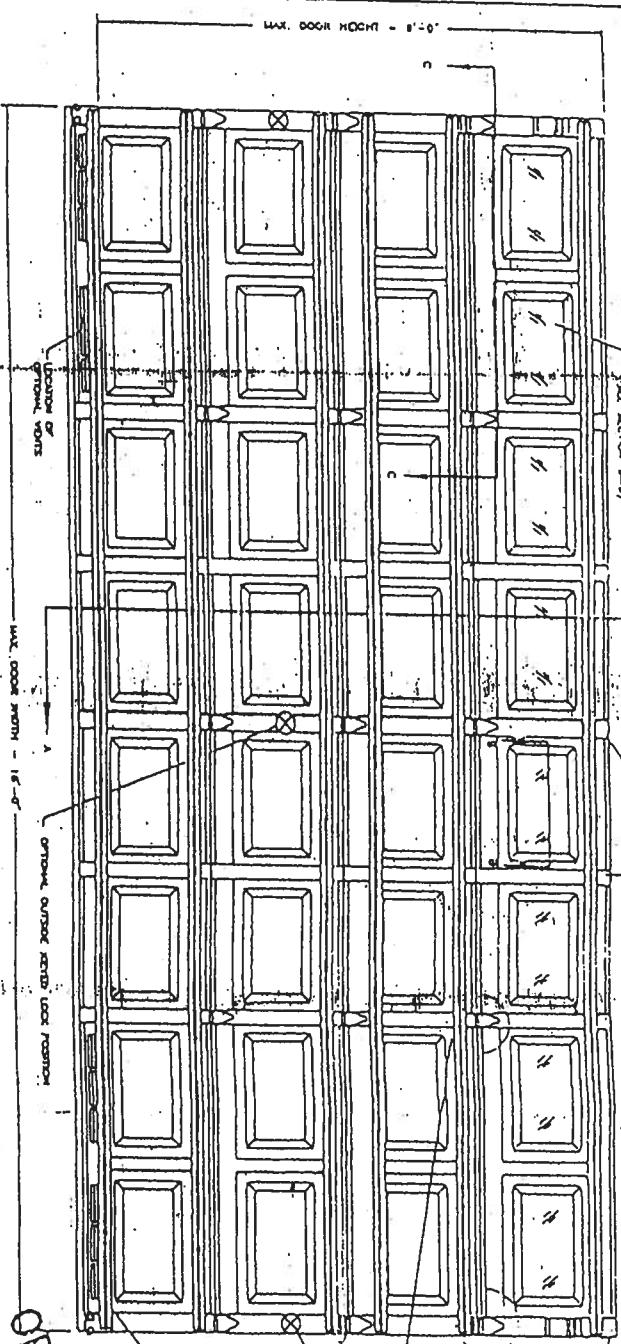
outswing door

MODEL STEEL 23 CA STEEL 36W1
MODEL 1151 23 CA STEEL 36W1

(1) UNIFORM STAIN OR DISCOLORATION OF THE ENTIRE SURFACE OF THE STEEL SHALL BE ACCEPTABLE.

REV. NO.	DATE	ECN. NO.	APPROV.
1			
2			
3			
4			

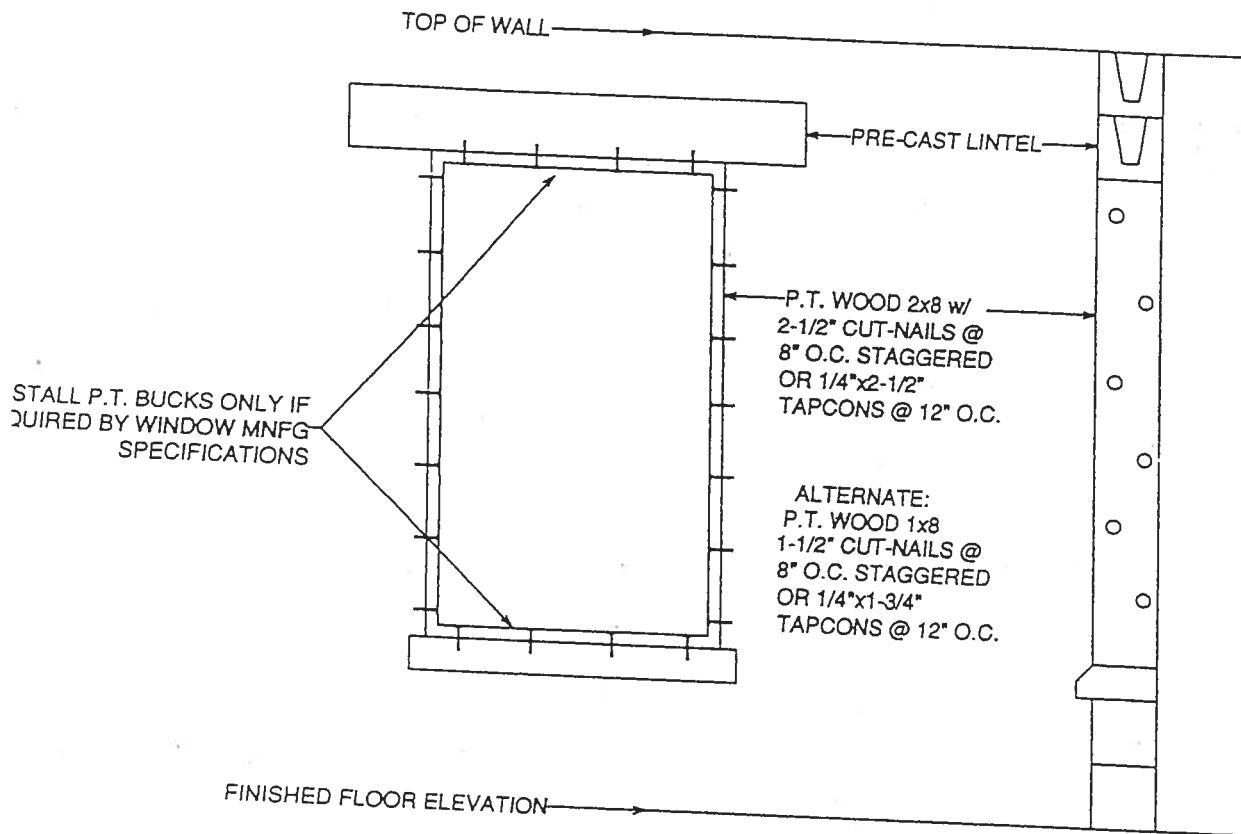
DE SIGN (101)
102138



ORANGE COUNTY
MASTER FILE
8-16-00
BUILDING DIVISION
102138

PROJECT: 102138 DRAWN BY: BMM CHECKED BY: MWM DATE: 4/16/00 SHEET: 1 OF 1 SITE: B		DESCRIPTION: MODEL 68ST W4 16-0 x 8-0: 24-24.5 DESIGN LOAD DESIGN LOADS: +24.0 PSF & -24.5 PSF TEST LOADS: +36.0 PSF & -37.0 PSF PART NO.: REV. NO.: 0	
--	--	--	--

14 11 11-11-11



WINDOW BUCK DETAIL @ EXTERIOR WALL

SCALE 1/2" = 1'-0"

DESIGN WIND SPEED = 110 MPH
FLORIDA BUILDING CODE 2001
DESIGN WIND PRESSURE = +21.8, -29.1 PSF

DETAIL IS TO BE PLACED ON FILE
FOR HOMES BY WHITTAKER, INC.

[Handwritten signature]

REVISED 6/18/02

WINDOW BUCK DETAIL MUNOZ RESIDENCE				
HOMES BY WHITTAKER, INC.				
	RIDDLE CONSULTING ENGINEERS 1720 S.E. COUNTY HWY 484 Belleview, Florida 34420 (352) 245-7041			
	scale	drawn	date	Proj No.
NTS	PDR	1/28/04	N/A	Page
				1 of 1



- | TAPCON * LOCATION CHART | | FASSTER LOCATIONS | |
|-------------------------|---|---------------------------------|---------------------------------------|
| CODE | WINDOW ID
SIZE | DP36 TO DP32 | DP32.1 TO DP70.1 |
| 12 | 18 1/8 x 25 3/8
18 1/8 x 37 3/8
18 1/8 x 49 5/8
18 1/8 x 62
18 1/8 x 71 1/4 | A C
A C
A C
A C
A C | A C
A C
A B C
A B C
A B C |
| 1/2 32 | 25 1/2 x 25 | A C | A C |
| 1/2 33 | 25 1/2 x 37 3/8 | A C | A C |
| 1/2 34 | 25 1/2 x 49 5/8 | A C | A B C |
| 1/2 35 | 25 1/2 x 62 | A B C | A B C |
| 1/2 36 | 25 1/2 x 71 1/4 | A B C | A B C |
| 22 | 36 x 25 | A C | A C |
| 23 | 36 x 37 3/8 | A C | A B C |
| 24 | 36 x 49 5/8 | A B C | A B C |
| 24.5 | 36 x 55 1/4 | A B C | A B C |
| 25 | 36 x 62 | A B C | A B C |
| 26 | 36 x 71 1/4 | A B C | A B C |
| 32 | 52 1/8 x 25 | A C | A C |
| 33 | 52 1/8 x 37 3/8 | A C | A B C |
| 34 | 52 1/8 x 49 5/8 | A B C | A B C |
| 34.5 | 52 1/8 x 55 1/4 | A B C | A B C |
| 35 | 52 1/8 x 62 | A B C | A B C |
| 36 | 52 1/8 x 71 1/4 | A B C | A B C |

Design Pressure values listed above are to occur

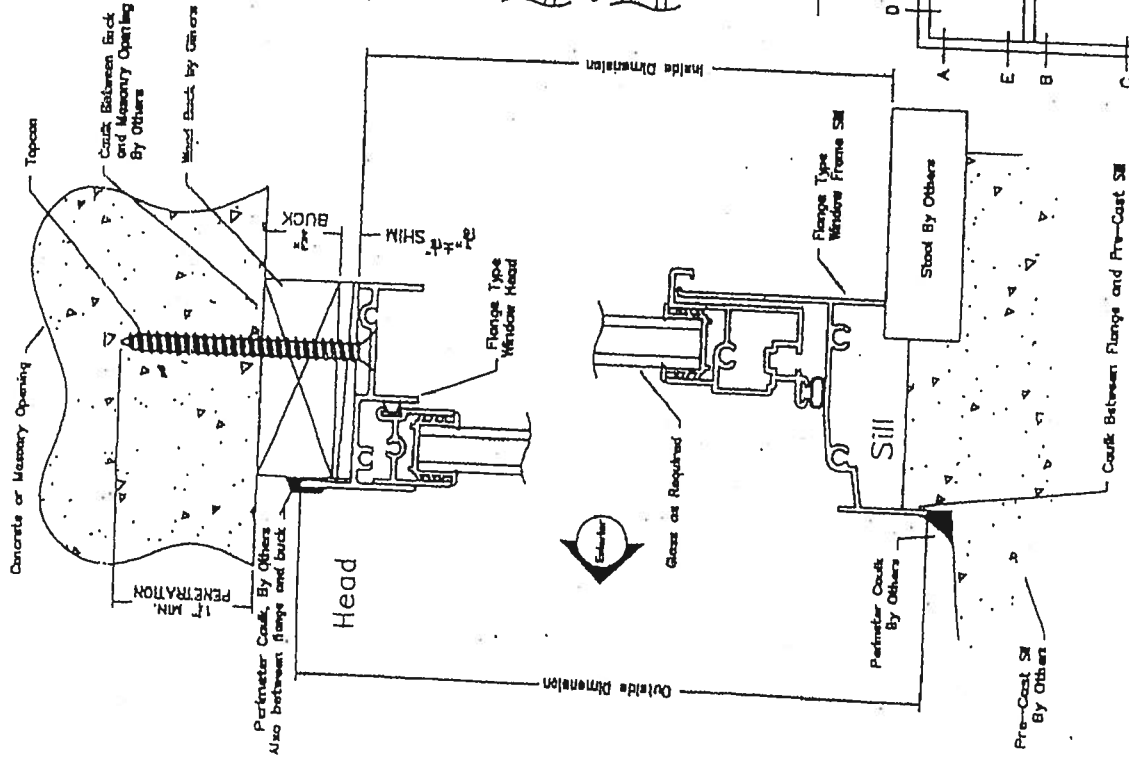
WANDERLUST N.Y.C.

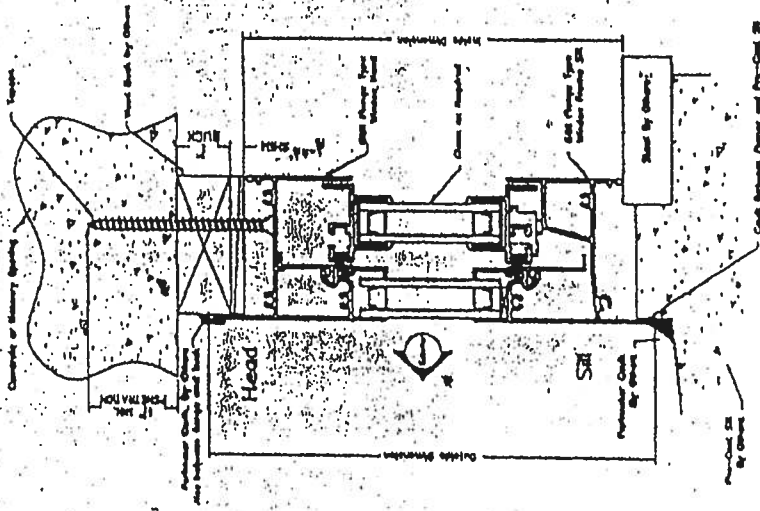
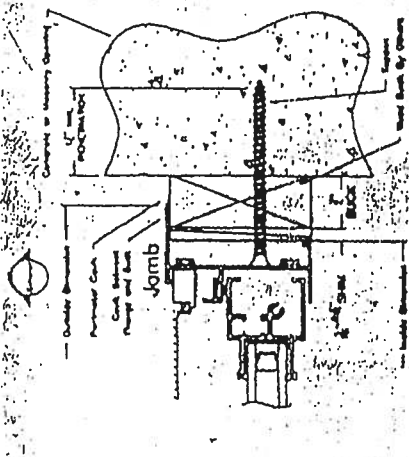
BETTER BICI/M1 HOMES

3

740/744 SINGLE HUNG

NONI VITAMINIZADO





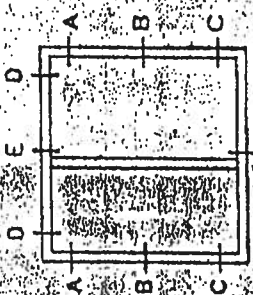
* "TYPICAL" FINE MASONRY MOUNTING DETAILS INCLUDE BRICK, BLOCK, & CONCRETE

TAPCON # LOCATION CHART				FASTENER LOCATIONS	
SIZE	WINDOR D.	SIZE	UP TO 10' TO 15' TO 20'	UP TO 10' TO 15' TO 20'	FASTENER LOCATIONS
6'-0" x 4'-0" XXX	71 1/2 x 47	ACE	ACE	ACE	ACE
6'-0" x 5'-0" XXX	71 1/2 x 58	ACD	ACD	ACD	ACD
6'-0" x 5'-4" XXX	71 3/8 x 63	ACDE	ACDE	ACDE	ACDE
7'-0" x 4'-0" XXX	83 1/2 x 47	ACDE	ACDE	ACDE	ACDE
7'-0" x 5'-0" XXX	83 1/2 x 58	ACDE	ACDE	ACDE	ACDE
7'-0" x 5'-4" XXX	83 1/2 x 63	ACDE	ACDE	ACDE	ACDE
8'-0" x 4'-0" XXX	95 1/2 x 47	ACDEF	ACDEF	ACDEF	ACDEF
8'-0" x 5'-0" XXX	95 1/2 x 58	ACDEF	ACDEF	ACDEF	ACDEF
8'-0" x 5'-4" XXX	95 1/2 x 63	ACDEFGH	ACDEFGH	ACDEFGH	ACDEFGH
9'-0" x 4'-0" XXX	107 1/2 x 47	ACDEF	ACDEF	ACDEF	ACDEF
9'-0" x 5'-0" XXX	107 1/2 x 58	ACDEFGH	ACDEFGH	ACDEFGH	ACDEFGH
9'-0" x 5'-4" XXX	107 1/2 x 63	ACDEFGH	ACDEFGH	ACDEFGH	ACDEFGH
10'-0" x 4'-0" XXX	119 1/2 x 47	ACDEF	ACDEF	ACDEF	ACDEF
10'-0" x 5'-0" XXX	119 1/2 x 58	ACDEFGH	ACDEFGH	ACDEFGH	ACDEFGH
10'-0" x 5'-4" XXX	119 1/2 x 63	ACDEFGH	ACDEFGH	ACDEFGH	ACDEFGH



1. Sizes as required at each installation anchor as shown.
2. Anchor must be of a length to have 1 1/2" penetration into masonry or concrete and must be installed in accordance with manufacturer's instructions.
3. Caulk (Silicone or Urethane) between window flange and back.
4. Caulk full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary with window size and design load.
7. Letter designations on the typical location chart indicate where anchors are to be installed using the elevation as a key. On the low-rise side, when using location "D" without location "E", place anchors at center of E.
8. Substrate must be hollow CMU or concrete.
9. Drawings are for installation purposes only.

TAPCON # LOCATION CHART			FASTENER LOCATIONS	
CODE SIZE	WINDOR D. SIZE	UP TO 10' 15"	10' 15" TO 10' 30"	
2'-0" x 2'-0"	23 1/8 x 23	CD	CD	
2'-0" x 3'-0"	23 1/8 x 35	CD	CD	
3'-0" x 2'-0"	35 1/8 x 23	CD	CD	
3'-0" x 3'-0"	35 1/8 x 35	CD	CD	
3'-0" x 4'-0"	35 1/8 x 47	CD	CD	
3'-0" x 5'-0"	35 1/8 x 58	CD	ACE	
4'-0" x 2'-0"	47 1/8 x 23	CD	CD	
4'-0" x 3'-0"	47 1/8 x 35	CD	ACE	
4'-0" x 4'-0"	47 1/8 x 47	CD	ACE	
4'-0" x 5'-0"	47 1/8 x 58	BCD	BCD	
4'-0" x 6'-0"	47 1/8 x 71	BCD	ABCE	
5'-0" x 2'-0"	58 1/8 x 23	CD	CD	
5'-0" x 3'-0"	58 1/8 x 35	CD	ACE	
5'-0" x 4'-0"	58 1/8 x 47	CD	BCD	
5'-0" x 5'-0"	58 1/8 x 58	BCD	ABCE	
5'-0" x 6'-0"	58 1/8 x 71	BCD	ABCE	
6'-0" x 2'-0"	71 1/8 x 23	CD	CD	
6'-0" x 3'-0"	71 1/8 x 35	CD	ACE	
6'-0" x 4'-0"	71 1/8 x 47	ACE	BCDE	
6'-0" x 5'-0"	71 1/8 x 58	BCD	ABCE	
6'-0" x 6'-0"	71 1/8 x 71	BCDE	ABCE	



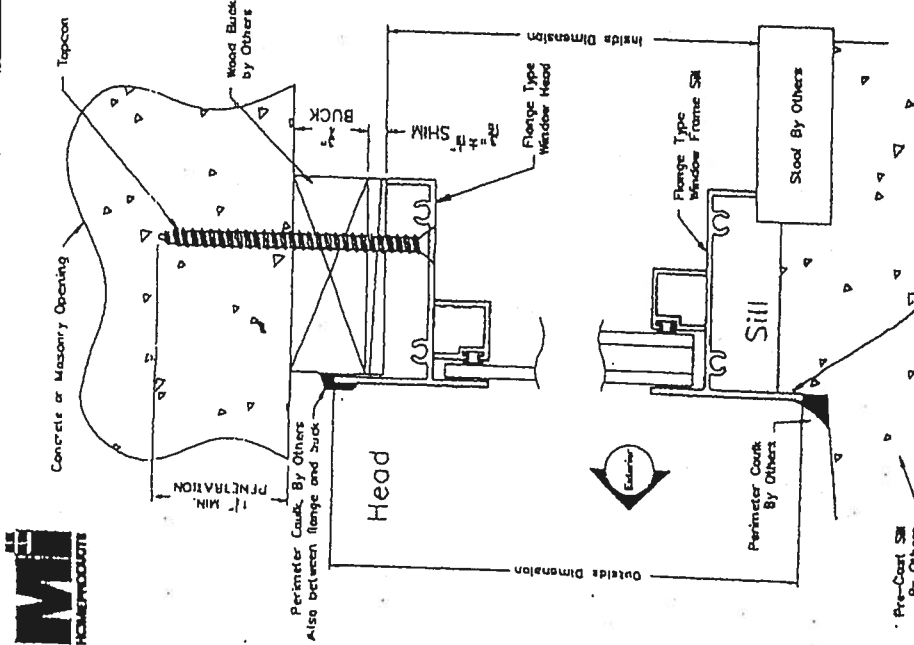
CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME:
BETTER-BUILT
MASTER FILE # 19

PROJECT NO. 01-43403.01
DATE 2/22/83
BY M. Home Products Inc.
INSTALLATION DRAWINGS
PROJECT NAME
SHEETS 22 OF 23
DATE OF ISSUE 2/22/83
BY M. Home Products Inc.
SHEETS 22 OF 23
DATE OF ISSUE 2/22/83
BY M. Home Products Inc.

1/2 2.21
4/4 22 2003

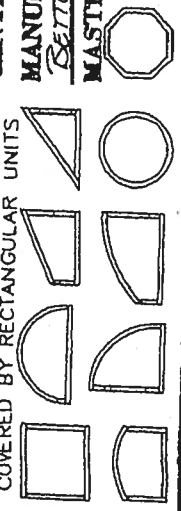


1. Shim as required with load bearing shims at each installation anchor as shown.
2. Anchor must be of a length to have 1 1/4" penetration into masonry or concrete.
3. Caulk between window flange and buck.
4. Caulk full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary per the requirements of ASTM E1300 glass charts.
7. Fixed units do not have pre-punched mounting holes and must be field drilled as required. See chart at right.
8. Locate concrete installation anchors as follows:
Where anchor quantity chart indicates 1 concrete installation anchor req'd in head or jamb, locate anchor at mid point of framing member.
Where anchor quantity chart indicates 2 concrete installation anchors req'd in head or jamb, locate anchor within 8" of each corner of framing member.
Where anchor quantity chart indicates 3 or more concrete installation anchors req'd in head or jamb, locate anchors 6" of each corner of framing member & equally space.
9. Max. spacing between topcons is 24" O.C. max.



*TAPCON TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAWL & SHUR-ON

TYPICAL SPECIALTY SHAPES COVERED BY RECTANGULAR UNITS



CENTRAL FLORIDA H.O.A.F.

MANUFACTURER NAME: BETTER BILT/MIL HOMES

MASTER FILE # 3

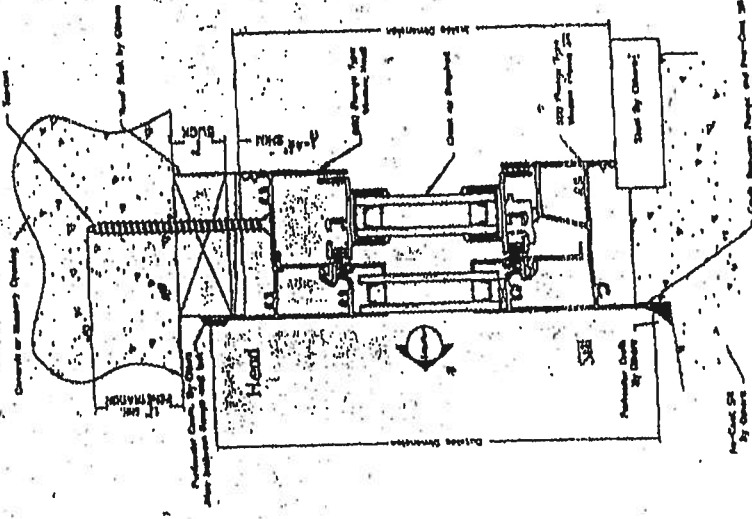
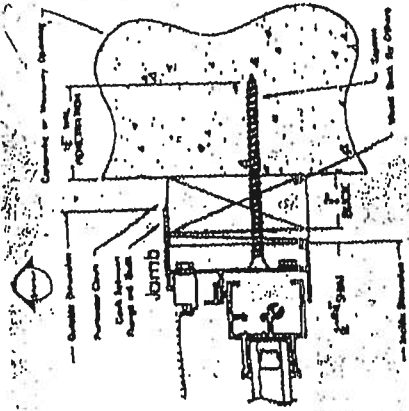


*TAPCON QUANTITY CHART				
CODE SIZE	WINDOW ID SIZE	SCREWS IN HEAD/SILL		SCREWS IN EACH JAMB
		UP TO DP35	DP35.1 TO DP50	
12	18 1/8 x 25	2	2	2
13	18 1/8 x 37 3/8	2	2	2
14	18 1/8 x 49 5/8	2	2	2
15	18 1/8 x 62	2	2	2
16	18 1/8 x 71 1/4	2	2	2
1/2 32	25 1/2 x 25	2	2	2
1/2 33	25 1/2 x 37 3/8	2	2	2
1/2 34	25 1/2 x 49 5/8	2	2	2
1/2 35	25 1/2 x 62	2	2	2
1/2 36	25 1/2 x 71 1/4	2	2	2
22	36 x 25	2	2	2
23	36 x 37 3/8	2	2	2
24	36 x 49 5/8	2	2	2
245	36 x 55 1/4	2	2	2
25	36 x 62	2	2	2
26	36 x 71 1/4	2	2	2
32	52 1/8 x 25	2	2	2
33	52 1/8 x 37 3/8	2	2	2
34	52 1/8 x 49 5/8	2	2	2
345	52 1/8 x 55 1/4	2	2	2
35	52 1/8 x 62	2	2	2
36	52 1/8 x 71 1/4	2	2	2

TAPCON LOCATION & QUANTITY CHART				
CODE SIZE	WINDOW ID SIZE	SCREWS IN HEAD/SILL		SCREWS IN EACH JAMB
		UP TO DP35	DP35.1 TO DP50	
3'-0" x 3'-0"	35 1/4 x 35 1/4	2	2	3
3'-0" x 4'-0"	35 1/4 x 47 1/4	2	2	3
3'-0" x 5'-0"	35 1/4 x 59 1/4	2	2	3
4'-0" x 3'-0"	47 1/4 x 35 1/4	2	2	3
4'-0" x 4'-0"	47 1/4 x 47 1/4	2	2	3
4'-0" x 5'-0"	47 1/4 x 59 1/4	2	2	3
5'-0" x 3'-0"	59 1/4 x 35 1/4	2	2	3
5'-0" x 4'-0"	59 1/4 x 47 1/4	2	2	3
5'-0" x 5'-0"	59 1/4 x 59 1/4	2	2	3
6'-0" x 3'-0"	71 1/4 x 35 1/4	2	2	3
6'-0" x 4'-0"	71 1/4 x 47 1/4	2	2	3
6'-0" x 5'-0"	71 1/4 x 59 1/4	2	2	3
7'-0" x 3'-0"	83 1/4 x 35 1/4	2	2	3
7'-0" x 4'-0"	83 1/4 x 47 1/4	2	2	3
8'-0" x 3'-0"	95 1/4 x 35 1/4	2	2	3
8'-0" x 4'-0"	95 1/4 x 47 1/4	2	2	3

INSTALLATION INSTRUCTIONS
& FASTENER SCHEDULE

165-740-744 Flange Fixed Units



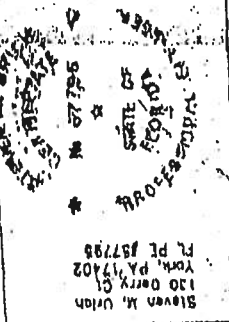
Window Frame to be installed in accordance with manufacturer's instructions.

WINDOW LOCATION CHART		
CODE SIZE	WINDOW #	FASTENER LOCATIONS
5'-0" x 5'-0" XOK	71 1/2 x 47	ACE
5'-0" x 5'-0" XOK	71 1/2 x 59	ACB
5'-0" x 5'-0" XOK	71 3/8 x 63	ACDE
7'-0" x 5'-0" XOK	83 1/2 x 47	ACDEF
7'-0" x 5'-0" XOK	83 1/2 x 59	ACDEH
7'-0" x 5'-0" XOK	83 1/2 x 63	ACDEH
8'-0" x 5'-0" XOK	95 1/2 x 47	ACDF
8'-0" x 5'-0" XOK	95 1/2 x 59	ACDEH
8'-0" x 5'-0" XOK	95 1/2 x 63	ACDEH
9'-0" x 5'-0" XOK	107 1/2 x 47	ACDF
9'-0" x 5'-0" XOK	107 1/2 x 59	ACDEH
9'-0" x 5'-0" XOK	107 1/2 x 63	ACDEH
10'-0" x 5'-0" XOK	119 1/2 x 47	ACDF
10'-0" x 5'-0" XOK	119 1/2 x 59	ACDEH
10'-0" x 5'-0" XOK	119 1/2 x 63	ACDEH

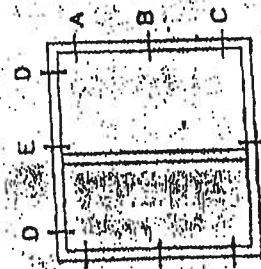


1. Shown as required at each installation unless otherwise noted.
2. Anchor must be of a length to have 1 1/2" penetration into masonry or concrete and must be installed in accordance with manufacturer's instructions.
3. Check (Silicone or Butyl) between window flange and back.
4. Check full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary with window size and design load.
7. Window dimensions on the top view location chart indicate where anchors are to be installed using the elevation as a key.
8. On the two-view plan, when using location "Y" without location "C", place anchors at center of the "Y".
9. Substrate must be hollow CMU or concrete.
10. Drawings are for installation purposes only.

It 2.21
May 23 2003



CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME:
SELTIE-BILT
MASTER FILE # 19



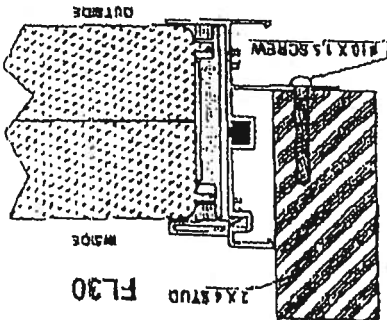
Feb-06-04 07:57A

3" ALUMINUM

P.02

Manufactured by: U.S. Brock Windows Inc.
Series: FL30-8
Class: Fixed - Heavy Commercial
Report #: CTIA 480W / 480W-1

Unit size	DP	Total	Each	Head	SM
82X82	(P.S.P)	46	14	14	14
74X74	35	52	13	13	13
66X66	53	48	12	12	12
58X58	100	40	10	10	10
50X50	100	30	8	8	8
42X42	100	28	7	7	7
34X34	100	24	6	6	6
26X26	100	20	5	5	5
18X18	100	16	4	4	4
10X10	100	12	3	3	3

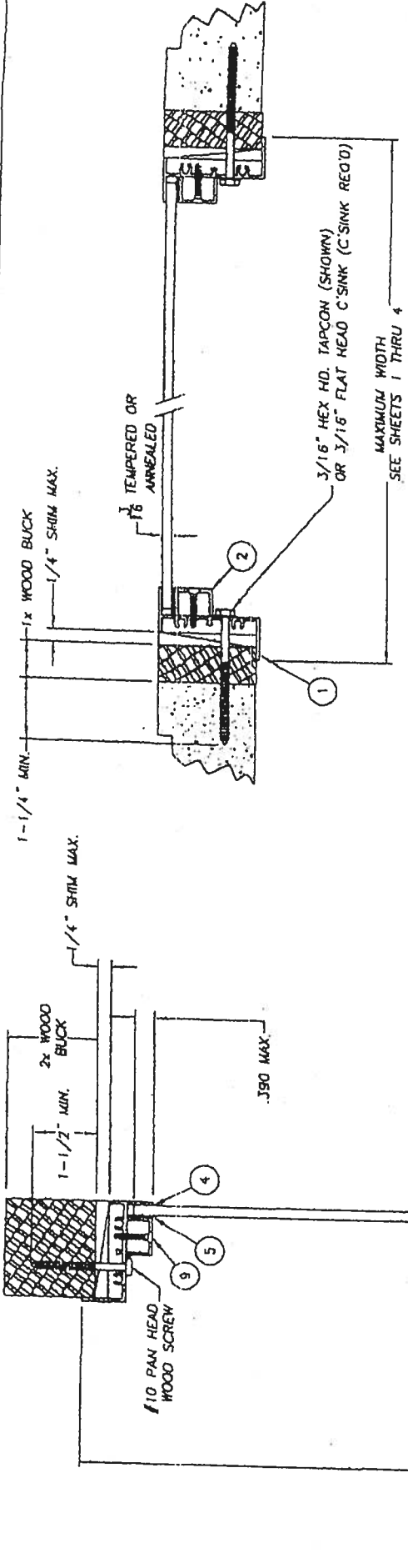


The above matrix is deemed acceptable using a mathematical comparison based on Certified Test Laboratories report numbers CTIA 480W and CTIA 480W-1

INSTALLATION INSTRUCTIONS

- Step 1: Check to make sure that the opening is no more than 1/2" larger than the window horizontally or vertically.
- Step 2: Apply a generous bead of silicone sealant to the back of the nailing fin.
- Step 3: From outside the house, slide the unit into the opening and center it by using shims at the bottom corners.
- Step 4: Check the unit for plumb and level and adjust shims accordingly then apply shims to the top corners so the unit does not move during fastening.
- Step 5: Install a #10 x 1.5" screw in the top and bottom of the jamb approximately 3" from each corner. Repeat this procedure in the head and sill.
- Step 6: For maximum structural performance, install screws every 6" starting from the corners and working toward the center of the jamb, head and sill.

W.S. Wilson P.E.
Date: 5-6-02
Florida P.E. Number 0048489



MAXIMUM HEIGHT
SEE SHEETS 1 THRU 4

MAXIMUM WIDTH
SEE SHEETS 1 THRU 4

SECTION B-B
TYPICAL SECTION
& ALTERNATE INSTALLATION INTO CONCRETE

NOTES: 1. MAXIMUM OVERALL DIMENSIONS ARE APPLICABLE TO SECTIONED ARCH. SHAPES.
ANCHORAGE METHODS ARE APPLICABLE TO ALL SHAPES SHOWN ON SHEETS 1 THROUGH 4 OF 8.

2. REFERENCE TEST REPORTS: FTL-2818, FTL-2819, FTL-2820, FTL-2748, FTL-2756 & FTL-2758

SECTION A-A
TYPICAL SECTION
& INSTALLATION INTO CONCRETE AT SILL & WOOD AT HEAD

R. L. Clark
8/20/04
Robert L. Clark, P.E.
PE 139712
Structural



1020 TECHNOLOGY DRIVE MORRIS, IL 61275		P.O. BOX 1529 MORRIS, IL 61274		Scale N.T.S.		Sheet 5 of 9		Drawing No. 550		Rev. B	
Product Reviews in compliance with the Florida Building Code Approved by: <i>8/20/04</i> Date: <i>8/20/04</i> By: <i>R. L. Clark</i> Project: <i>FTL-2818</i> Division: <i>Structural</i>				Product Reviews in compliance with the Florida Building Code Approved by: <i>8/20/04</i> Date: <i>8/20/04</i> By: <i>R. L. Clark</i> Project: <i>FTL-2818</i> Division: <i>Structural</i>		Approved as complying with the Florida Building Code DATE: 8/20/04 BY: R. L. Clark PROJECT: FTL-2818 DIVISION: Structural		Product Reviews in compliance with the Florida Building Code Approved by: <i>8/20/04</i> Date: <i>8/20/04</i> By: <i>R. L. Clark</i> Project: <i>FTL-2818</i> Division: <i>Structural</i>		Product Reviews in compliance with the Florida Building Code Approved by: <i>8/20/04</i> Date: <i>8/20/04</i> By: <i>R. L. Clark</i> Project: <i>FTL-2818</i> Division: <i>Structural</i>	

SECTIONAL & ANCHORAGE VIEWS
ALUMINUM FIXED WINDOW

Series H83 'STRUCTURAL' HORIZONTAL MULLION - Florida Flange



NOTES:

If you are stacking a single unit over another single unit, such as a roundhead over a single hung, the Series V83 Mull Kit (which is the vertical mull normally used to twin units) is sufficient and can be used horizontally. Specify length when ordering.

Overall length of horizontal mull is to be the same length as the overall flange to flange width of the mull units below, including the vertical mull. EXAMPLE: For twin "Two Wide", Mull will be $37" + 1/8" + 37" = 74 1/8"$

Step 1. On lower units, follow twinning instructions shown on sheet # MULLV83A.

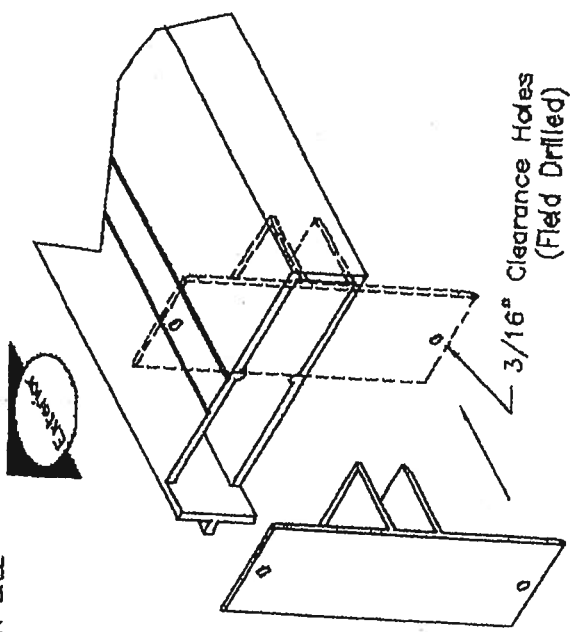
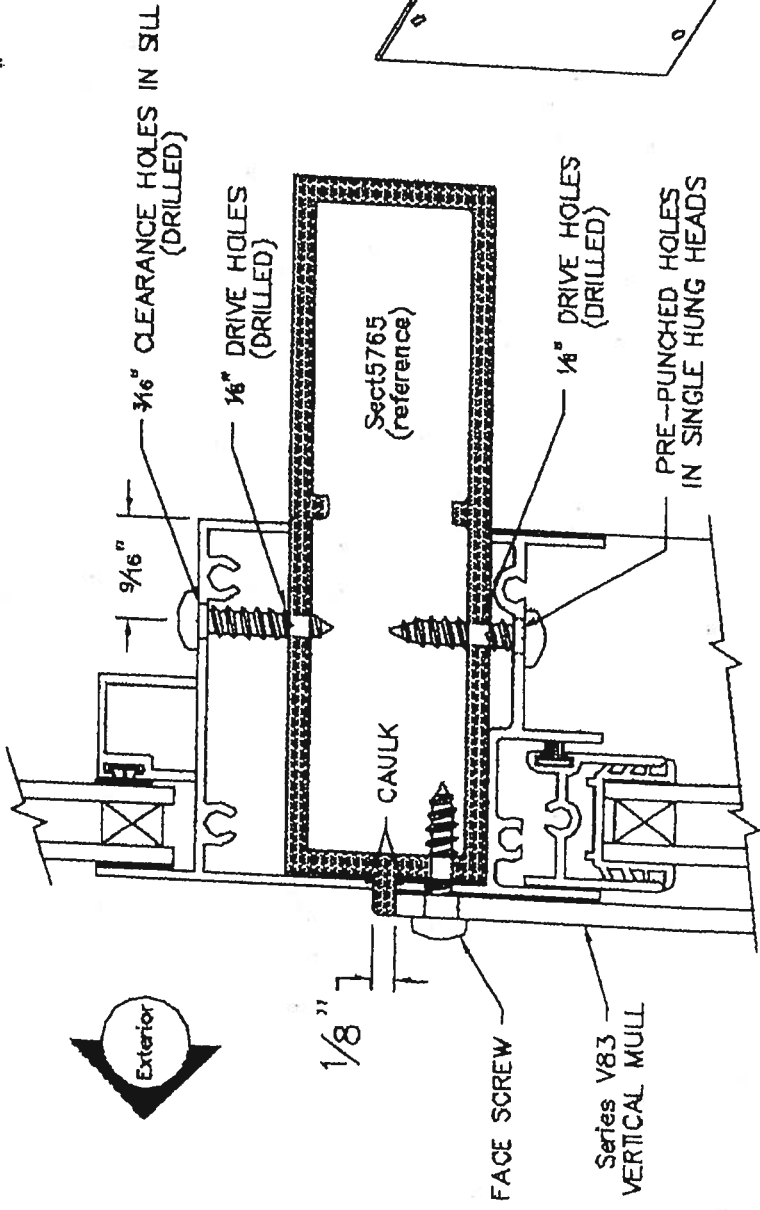
Step 2. Position horizontal mull on top of twinned units as shown below. With $1/8"$ drill, drill up through pre-punched holes in the single hung heads into the mull. Before attaching with #8 x $3/4"$ screws (not included), run a full length bead of caulk in area shown.

Step 3. Position top unit on top of mull and drill $1/8"$ holes, in position shown, on same centers as lower unit. With $3/16"$ drill, re-drill holes in sill only and fasten with screws.

Step 4. For fastening the vertical mull to the horizontal mull, "face screws" can be added to the $1/2"$ tab on the vertical mull. Use $1/8"$ drill bit as described above. For best appearance, countersink the holes and use flathead screws.

Step 5. Before lifting into rough opening, Drill two holes in each clip and insert into each end of mull as shown below with tabs pointing to up and down. Fasten each clip tab to construction with two #10 x $1 1/2"$ screws for structural integrity.

740/744/3740

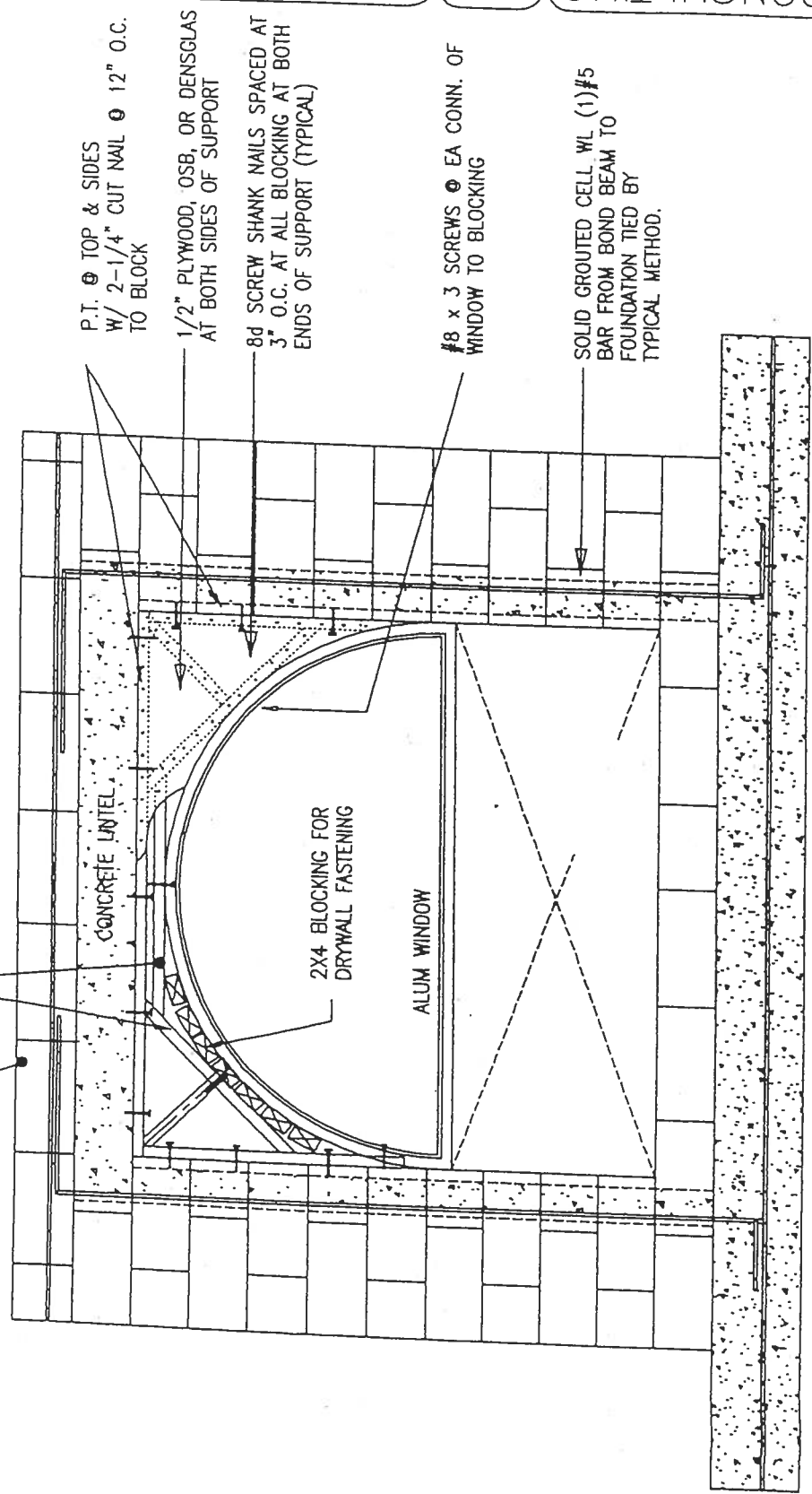


MULLH83A

NOTE: SEE REVERSE SIDE FOR FASTENING REQUIREMENTS.

ANGLE BRACE IS NOT EXCEEDED BY THE WEIGHT OF TRUSSES ON THE BEAM

ANGLE BRACE IS NEEDED FOR OPENING > 54"
TOE NAIL (2) 16d NAILS
Ø EA END OF ANGLE BRACES



P.T. Ø TOP & SIDES
W/ 2-1/4" CUT NAIL Ø 12" O.C.
TO BLOCK

1/2" PLYWOOD, OSB, OR DENSGLAS
AT BOTH SIDES OF SUPPORT

8d SCREW SHANK NAILS SPACED AT
3" O.C. AT ALL BLOCKING AT BOTH
ENDS OF SUPPORT (TYPICAL)

#8 x 3 SCREWS Ø EA CONN. OF
WINDOW TO BLOCKING

SOLID GROUTED CELL WL (1) #5
BAR FROM BOND BEAM TO
FOUNDATION TIED BY
TYPICAL METHOD.

FRAMING DETAIL @ NON-RECTANGULAR MASONRY OPENING

DETAIL APPLIES TO WINDOWS RANGING IN WIDTH FROM 20" TO 76"

ENGINEER'S NOTES (FL BLDG CODE 2001):

1. DESIGN WIND SPEED = 110 MPH, EXPOSURE B, ENCLOSED
2. LIVE LOAD ROOF = 20 PSF, DEAD LOAD = 12 PSF, FBC 2001

HALF ROUND DESIGN IS FOR PRESENTATION PURPOSES ONLY.
EYEBROW TYPE AND OTHER SIMILAR SHAPES ARE ALSO
PERMITTED UNDER THIS CONFIGURATION.

DETAIL TO BE PLACED ON FILE FOR USE BY
HOMES BY WHITTAKER

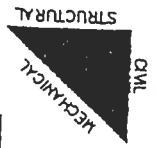
Handwritten signature

ARCHED WINDOW FRAMING DETAIL
HOMES BY WHITTAKER

1/5/04
1/4" = 1'0"

RIDDLE CONSULTING
ENGINEERS

1720 S.E. COUNTY HWY 484
Belleair, Florida 34420
(904) 245-7041



www.USPconnectors.com

e-mail: info@USPconnectors.com

4 pages

Truss & Rafter Tiedowns

Embedded Truss Anchors – HTA & TA series continued

HTA18-18	META18	18	1-1/4	18	(14) 10d x 1-1/2	1475	2375	2750	2875	2450	245	325	490	690
					(12) 10d	1500	2375	2750	2875	2450	245	325	490	690
HTA20-18	META20	18	1-1/4	20	(15) 10d x 1-1/2	1500	2375	2750	2875	2450	245	325	490	690
					(12) 10d	1600	2375	2750	2875	2450	245	325	490	690
HTA24-18	META24	18	1-1/4	24	(15) 10d x 1-1/2	1600	2375	2750	2875	2450	245	325	490	690
					(12) 10d	1500	2375	2750	2875	2450	245	325	490	690
HTA12	HETA12	18	1-1/4	12	(8) 10d x 1-1/2	630	1205	1285	1285	1285	430	690	890	1320
					(8) 10d	775	1310	1550	1550	1550	690	690	1180	1320
HTA18	HETA18	18	1-1/4	18	(14) 10d x 1-1/2	1475	2375	2750	2875	2550	245	330	490	690
					(14) 10d	1810	2375	2750	2875	3125	245	330	490	690
HTA20	HETA20	18	1-1/4	20	(18) 10d x 1-1/2	1880	2375	2750	2875	3125	245	330	490	690
					(19) 10d	1890	2375	2750	2875	3125	245	330	490	690
HTA24	HETA24	18	1-1/4	24	(18) 10d x 1-1/2	1890	2375	2750	2875	3125	245	330	490	690
					(15) 10d	1890	2375	2750	2875	3125	245	330	490	690
TA12	--	14	1	10-1/2	(7) 10d x 1-1/2	740	1475	1475	1475	1475	245	335	490	670
					(7) 10d	925	1845	1845	1845	1845	245	335	490	670
TA14	--	14	1	12-1/2	(8) 10d x 1-1/2	950	1800	1800	1800	1800	245	335	490	670
					(8) 10d	1185	2375	2375	2375	2375	245	335	490	670
TA16	--	14	1	14-1/2	(11) 10d x 1-1/2	1180	2320	2320	2320	2320	245	335	490	670
					(11) 10d	1450	2375	2750	2875	2805	245	335	490	670
TA18	--	14	1	16-1/2	(13) 10d x 1-1/2	1370	2375	2740	2740	2740	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670
TA20	--	14	1	18-1/2	(15) 10d x 1-1/2	1520	2375	2750	2875	3040	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670
TA22	--	14	1	20-1/2	(15) 10d x 1-1/2	1520	2375	2750	2875	3040	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670
TA24	--	14	1	22-1/2	(15) 10d x 1-1/2	1520	2375	2750	2875	3040	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670

- 1) Allowable loads have been increased 33-1/3% or 60% for wind or seismic loads; no further increase shall be permitted.
2) Anchors are installed on opposite sides of the wood member, centered in masonry bond beam.
3) Where 10d nails are used, minimum wood thickness is 1-3/4".
4) Grout or concrete compressive strength shall be 2500 psi or greater at 28 days.
5) 10d x 1-1/2 nails are 8 gauge (0.148" diameter) by 1-1/2" long.
6) Minimum nail penetration shall be 1-3/4" for 10d nails.

SIMPSON
Strong-Tie

LTT/MTT/HTT TENSION TIES

The HTT22 is a single-piece formed tension tie—no rivets, and a 4-ply formed seat which won't unfold during loading. No washers required. The LTT19 Light Tension Tie is designed for 2x joists or purlins and the LTT20B is for nail- or bolt-on applications. The 3" nail spacing makes the LTT20B suitable for wood I-joists if 10dx1½" nails are substituted for the specified 16d's.

The LTT131 is designed for wood chord open web truss attachments to concrete or masonry walls.

MATERIAL: See table

FINISH: Galvanized. May be ordered HDG; check factory.

INSTALLATION: • Use all specified fasteners. See General Notes.

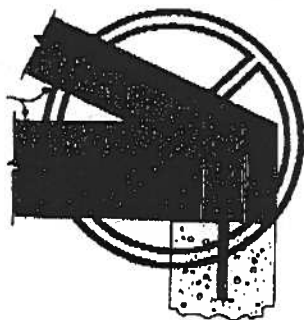
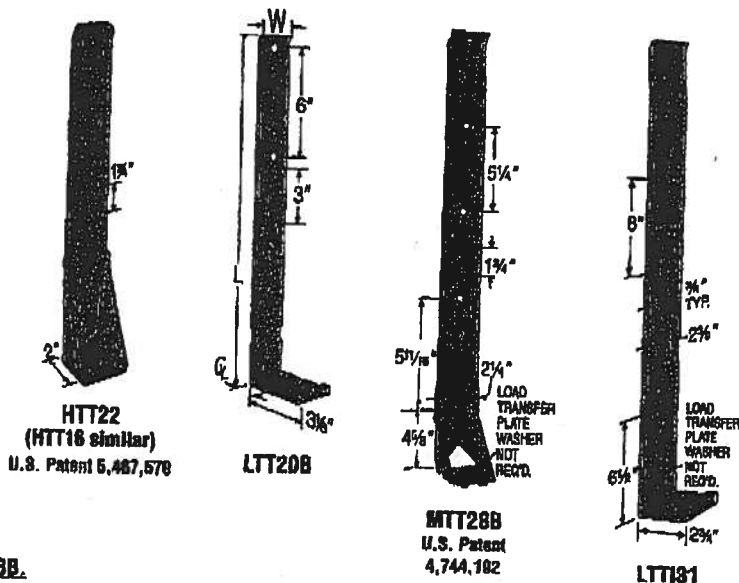
• Use the specified number and type of nails to attach the strap portion to the top or side of purlin or beam (minimum 4x width (2-2x4 or 4x4), except LTT19). Bolt the base to the wall or foundation with a suitable anchor; see table for the required bolt diameter.

• Do not install LTT and MTT tension ties raised.

• The HTT22 can be substituted for the MTT20B.

• See Epoxy-Tie Adhesive System, pages 22 for tested, load-rated epoxies for anchor bolt options.

CODES: See page 10 for Code Listing Key Chart.

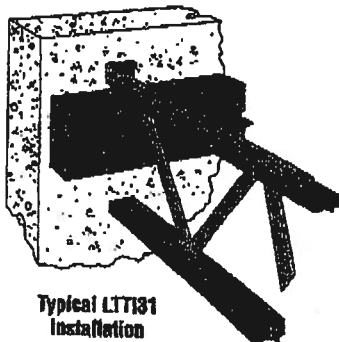


Do not modify the MTT20B.

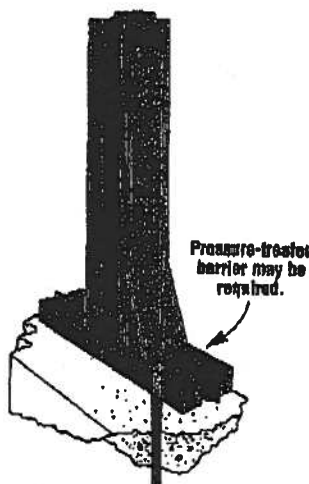
Do not rotate the MTT20B's strap around the rivet.

The strap must be in line vertically with the body of the holdown to achieve table loads.

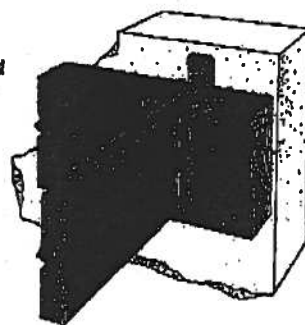
See Girder Tiedown Connectors on page 126 for installation solutions.



Typical LTT131 installation



Typical HTT22 installation as a holdown



Typical LTT19 installation (LTT20B similar)

Model No.	Material (Gn)		Dimensions			Seat Thickness	Fasteners			Avg. Upl. Tension	Allowable Tension				Deflection at Highest Allowable Design Load	Code Ref.
	Strap	Plate	W	L	¢		Anchor Bolts	Nails	Bolts Qty Dia		(15d)	(18d)	(18d)	(18d)		
LTT19	16	3	1 3/4	19 1/2	1 1/2	3/16	3/8	8-16d Sinkers	—	4250	1205	—	1350	—	1085	2, 40, 82
LTT20B	12	3	2	19 1/2	1 1/2	3/16	3/8 or 1/2	10-16d	2 1/2	8733	1750	1220	1750	1480	1675	0.107
LTT131	18	3	3 3/4	31	1 1/2	1/4	3/8	18-10dx1 1/2	—	7770	—	—	—	—	1985	0.164
HTT16	11	—	2 1/2	18	1 1/2	3/16	3/8	18-16d	—	13150	—	—	—	—	3085	0.125
HTT22	11	—	2 1/2	22	1 1/2	3/16	3/8	32-16d Sinkers	—	13150	5250	—	5260	—	4670	0.067
MTT20B	12	7	2 1/2	27	1 1/2	3/8	3/8 or 1/2	24-16d	4 1/2	4455	2150	4455	2725	4140	4455	0.125

- Allowable loads for HTT are based on the lower of the 2001 NDS fastener values or the ultimate load on a steel test jig divided by 2.5.
- 16d sinkers (9 ga x 3 1/4") or 10d commons may be substituted for the specified 16d commons at 0.85 of the table loads.
- The designer must specify anchor bolt type, length and embedment.
- Allowable loads have been increased 33% and 60% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.
- Bolt values are based on a minimum lumber thickness of 1 1/2".
- If a 1/2" or 3/8" anchor bolt is used for the LTT20B, add a standard cut washer to the seat. No additional washer is required for a 3/4" anchor bolt. See table for appropriate anchor bolt sizes.
- HTT22 holdown installed raised off the plate has a reduced load of 5180 lbs. HTT16 installed raised off the plate will achieve the table loads.

LUS/MUS/HUS/HHUS/HGUS

DOUBLE SHEAR
JOIST HANGERS



SIMPSON
Strong-Tie

This product is preferable to aluminum connectors because of a) easier installation, b) higher loads, c) lower installed cost, or a combination of these features.

MUS completes the Simpson Strong-Tie line of face mount truss to truss connectors. The MUS has increased load capacity and bearing compared to LUS connectors for medium load truss applications.

All hangers in this series have double shear nailing. This patented innovation distributes the load through two points on each joist nail for greater strength. It also allows the use of fewer nails, faster installation, and the use of common nails for all connections. (Do not bend or remove tabs)

MATERIAL: See tables on page 105.

FINISH: Galvanized. Some products available in stainless steel or Z-MAX; see Corrosion-Resistance, page 5.

INSTALLATION: • Use all specified fasteners. See General Notes.

- Nails must be driven at an angle through the joist or truss into the header to achieve the table loads.
- Not designed for welded or nailer applications.
- 16d sinkers (9 gauge x 3/4") may be used where 10d commons are specified with no reduction in load. Where 16d commons are specified, 10d commons or 16d sinkers (9 gauge x 3/4") may be used at 0.85 of the table load.
- With 3x carrying members, use 16d x 2 1/2" nails into the header and 16d commons into the joist with no load reduction. With 2x carrying members, use 10d x 1 1/2" nails into the header and 10d commons into the joist, and reduce the load to 0.84 of the table value.

OPTIONS: • LUS and MUS hangers cannot be modified.

- HUS hangers available with the header flanges turned in for 2-2x (3/8") and 4x only, with no load reduction. See HUSC Concealed Flange Illustration.

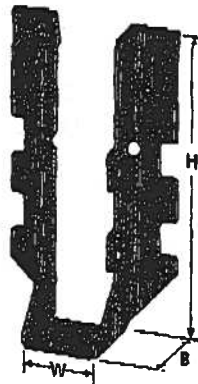
- Concealed flanges are not available for HGUS and HHUS.

- See Hanger Options, page 168, for sloped and/or skewed HHUS models.

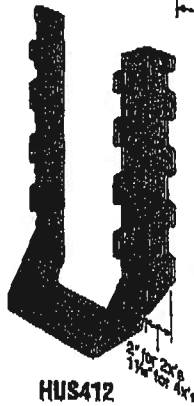
- Other sizes available; consult your Simpson representative.

CODES: See page 10 for Code Listing Key Chart.

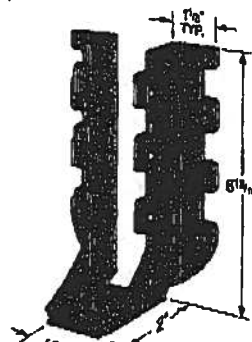
LUS28



HUS210
(HUS28,
HUS28,
and HHUS
similar)



HUS412



MUS28



HUSC
Concealed
Flanges
(not available
for HHUS,
HGUS and
HUS2x)



Double
Shear
Nailing
Side View



Double Shear
Nailing Top View



Double Shear
Nailing prevents tabs
breaking off (available
on some models)

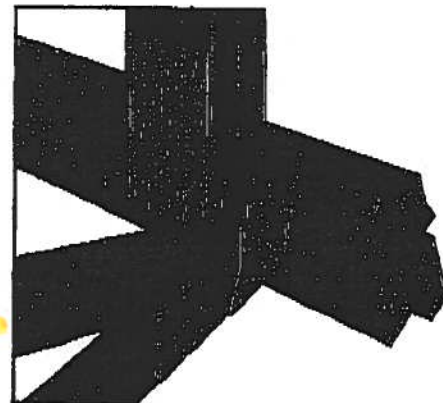
U.S. Patent 5,803,590



HGUS28-2

Model No.	Min. Heel Height	Ga.	Dimensions			Fasteners	
			W	H	B	Carrying Member	Carried Member
SINGLE 2x SIZES							
LUS24	2%	18	1%	3%	1%	4-10d	2-10d
LUS26	4%		1%	4%	1%	4-10d	4-10d
MUS26	4 1/4	18	1%	5%	2	6-10d	6-10d
LUS28	4%	18	1%	5%	1%	6-10d	4-10d
MUS28	6%	18	1%	6 1/4	2	8-10d	8-10d
LUS210	4%	18	1%	7%	1%	8-10d	4-10d
HUS28	4%	18	1%	5%	3	14-16d	8-16d
HGUS28	4%	12	1%	5%	5	20-16d	8-16d
HUS28	6%	18	1%	7	3	22-16d	8-16d
HGUS28	5%	12	1%	7%	5	36-16d	12-16d
HUS210	8%	18	1%	9	3	30-16d	10-16d

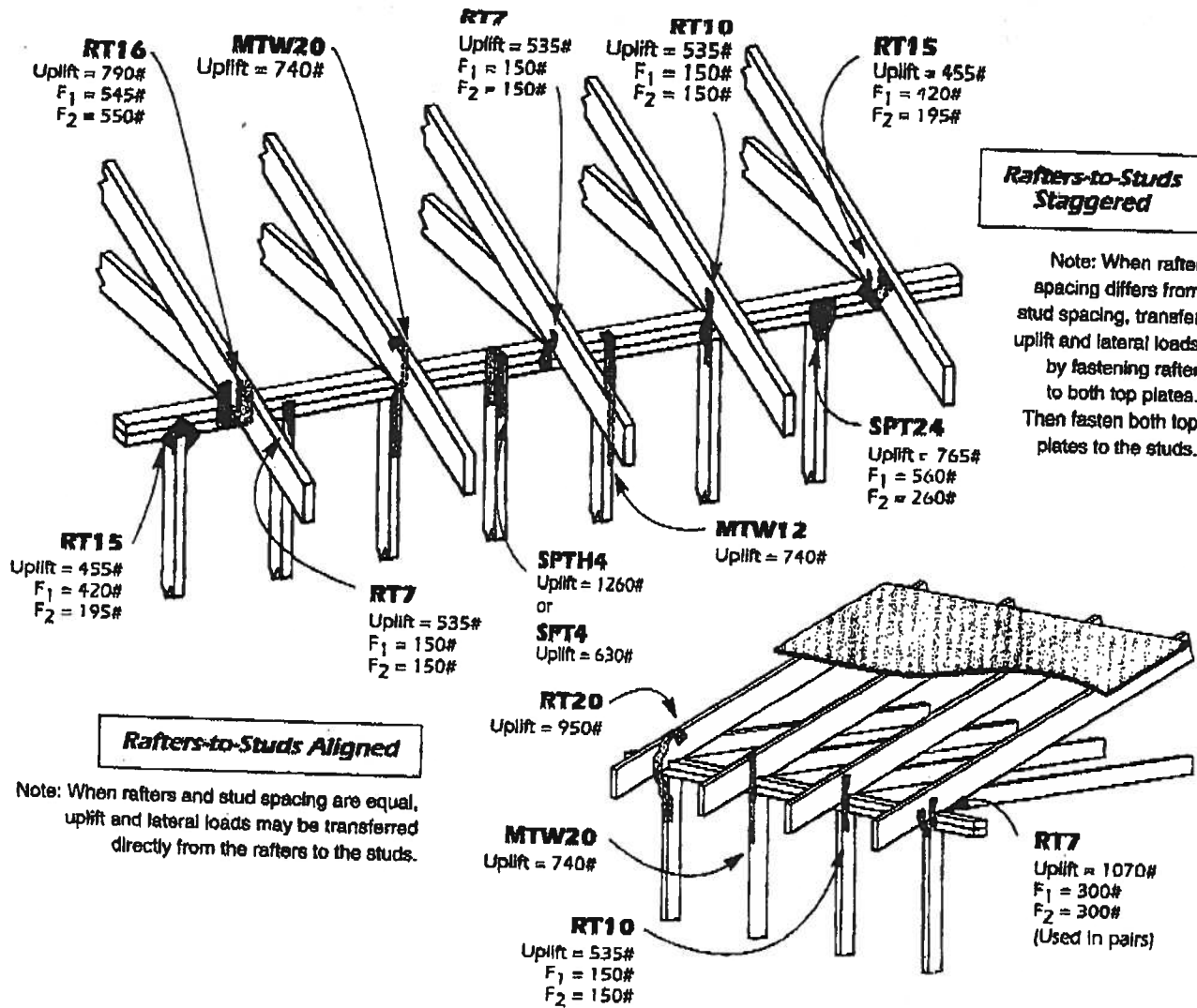
Model No.	Min. Heel Height	Fasteners		Spruce-Pine-Fir Allowable Loads				
		Carrying Member	Carried Member	Uplift (183)	Floor (100)	Snow (115)	Roof (120)	Wind (133)
HUS28	3 1/4"	14-16d	4-16d	1135	2330	2680	2915	3055
	4 1/4"	14-16d	8-16d	1550	2585	2950	3205	3335



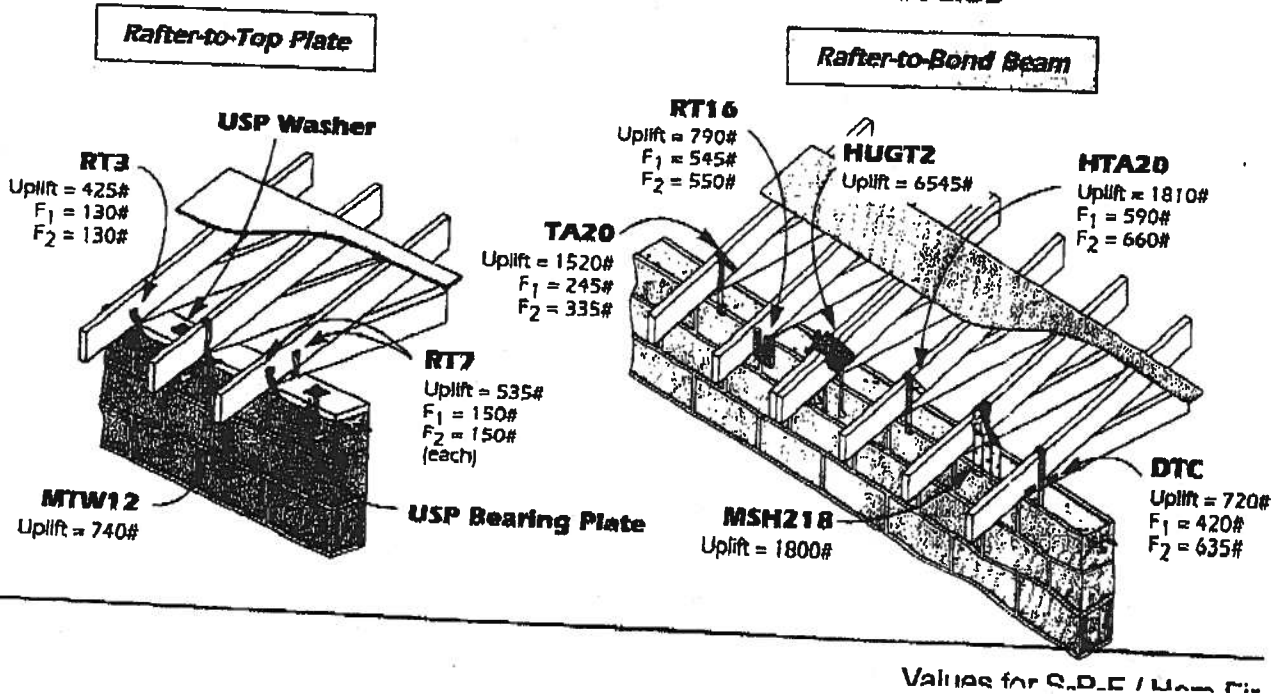
Typical HUS28 with Reduced Heel Height

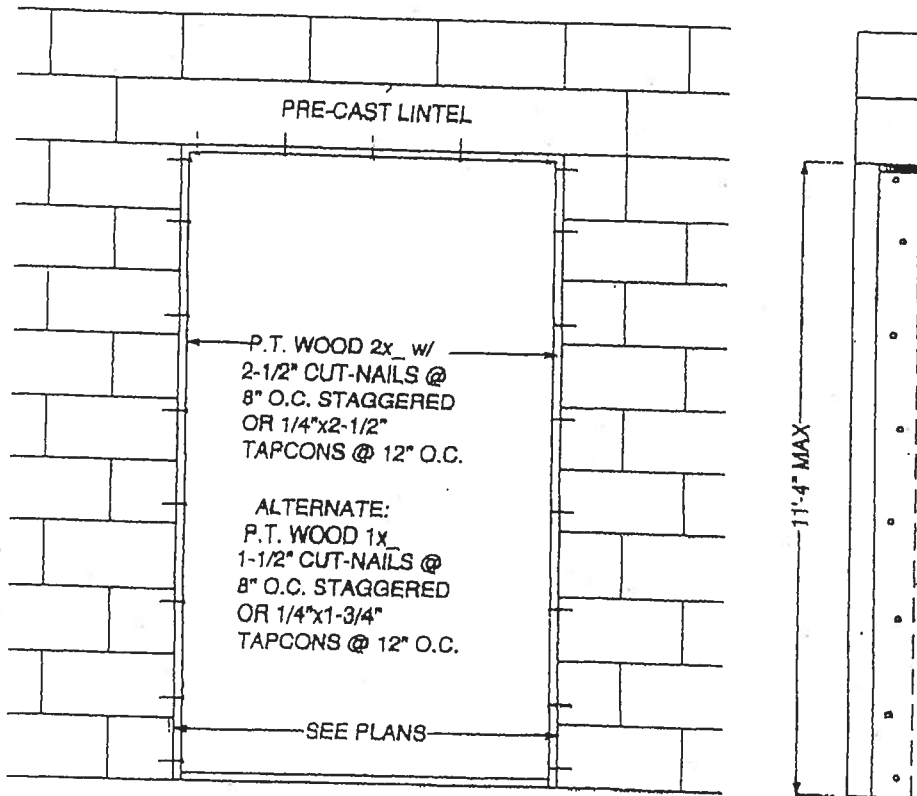
(Truss Designer to provide fastener quantity for connecting multiple members together)

Rafter and Truss Connections



Masonry Walls to Rafter or Truss





DOOR BUCK DETAIL

@ EXTERIOR WALL

SCALE 1/2" = 1'-0"

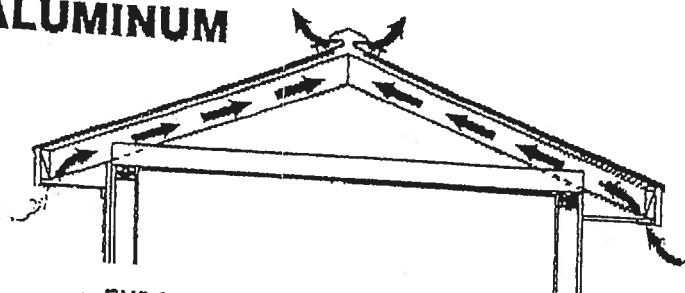
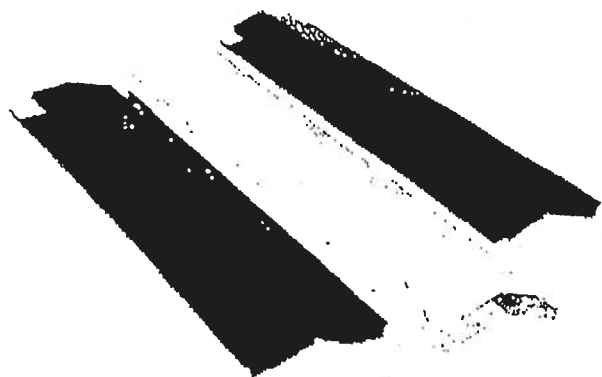
Paul Hill

DESIGN WIND SPEED = 110 MPH
FLORIDA BUILDING CODE 2001
DESIGN WIND PRESSURE = +21.8, - 29.1 PSF

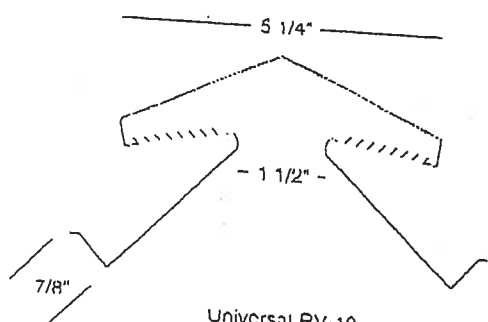
TAIL IS TO BE PLACED ON FILE
R HOMES BY WHITTAKER, INC.

DOOR BUCK DETAIL				
FOR				
HOMES BY WHITTAKER, INC.				
	RIDDLE CONSULTING ENGINEERS CERTIFICATE OF AUTHORIZATION: 00064759 1720 S.E. COUNTY HWY 484 Belleairis, Florida 34420 (352) 245-7041			
	scale	drawn	date	Proj No.
	NTS	PDR	1/28/04	83206
				Page 1 of 1

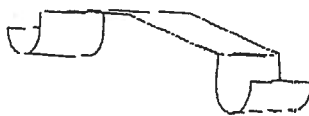
UNIVERSAL RIDGE VENT-ALUMINUM



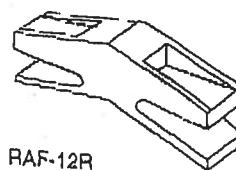
- EMBOSSED ALUMINUM.
- SELF-FLASHING.
- LOW PROFILE modern look blends easily with roof lines.
- ONE PIECE CONSTRUCTION no loose baffles to assemble.
- SAVES ENERGY by removing superheated attic air and reducing air conditioner running time.
- REDUCES DAMAGE to painted surfaces in winter from trapped moisture.
- WEATHER BAFFLE of aluminum is built into the ridge vent shape.
- CAN BE INSTALLED on new or existing construction.
- May be installed with or without connectors.



Universal RV-10
For roof pitches from 3-12
up to 16-12



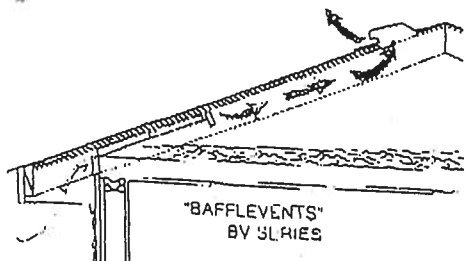
Universal Strap



RAF-12R
End Plug/Connector
with Flap

MODEL #	AVAILABLE COLORS	NET FREE AREA PER LIN. FT.	NO. PER CARTON	WT. PER CARTON
RIDGE VENT Bulk 10 ft. lengths				
RV - 10	M, BL, BR, W, LG, WG	16 sq. in.	12	51 lbs.
END PLUG / CONNECTOR				
RAF - 12R	BLACK PLASTIC	NA	36	4lbs.
UNIVERSAL STRAPS				
RVSX - 11	M, BL, BR, W, LG, WG	NA	36	1.75 lbs.

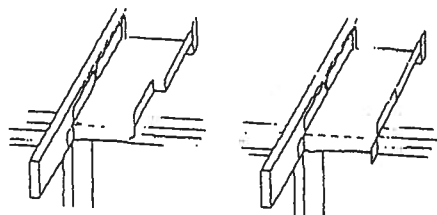
BL = BLACK	BR = BROWN	W = WHITE	WG = WEATHERED GREY
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INSULATION BAFFLES AND BAFFLEVENTS

- For new construction or existing buildings 24" O.C.
- Simple low cost installation.
- Helps remove superheated summer air from attic areas.
- Adjustable for greater airflow capacity . . . fewer required.
- Saves energy by protecting insulation efficiency.
- Fits any roof pitch.
- Protects insulation from winter frost and moisture damage.
- Stops wasted insulation from entering soffit areas.
- Permits full insulation thickness for proper "R" ratings.
- Designed for standard rafter or manufactured truss construction.

MODEL #	MATERIAL	FREE AIR RANGE	QUANTITY PER BUNDLE	WT. PER BUNDLE
BV-24"	CARDBOARD	27 to 66 sq. in.	30	15 lbs.



BV-SERIES (31" over all length)

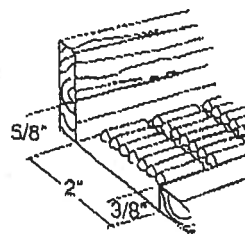
ALUMINUM SOFFIT-STRIP



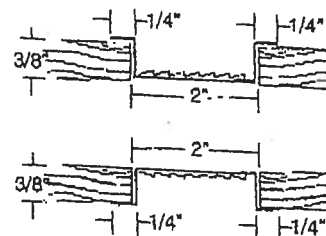
SA SERIES
Bi-Directional Louvers
(1/8" x 1" louvers)

SAL SERIES

SP SERIES



SAL SERIES



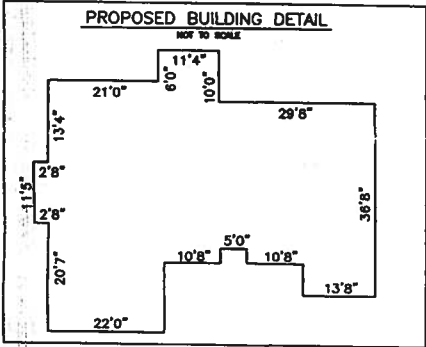
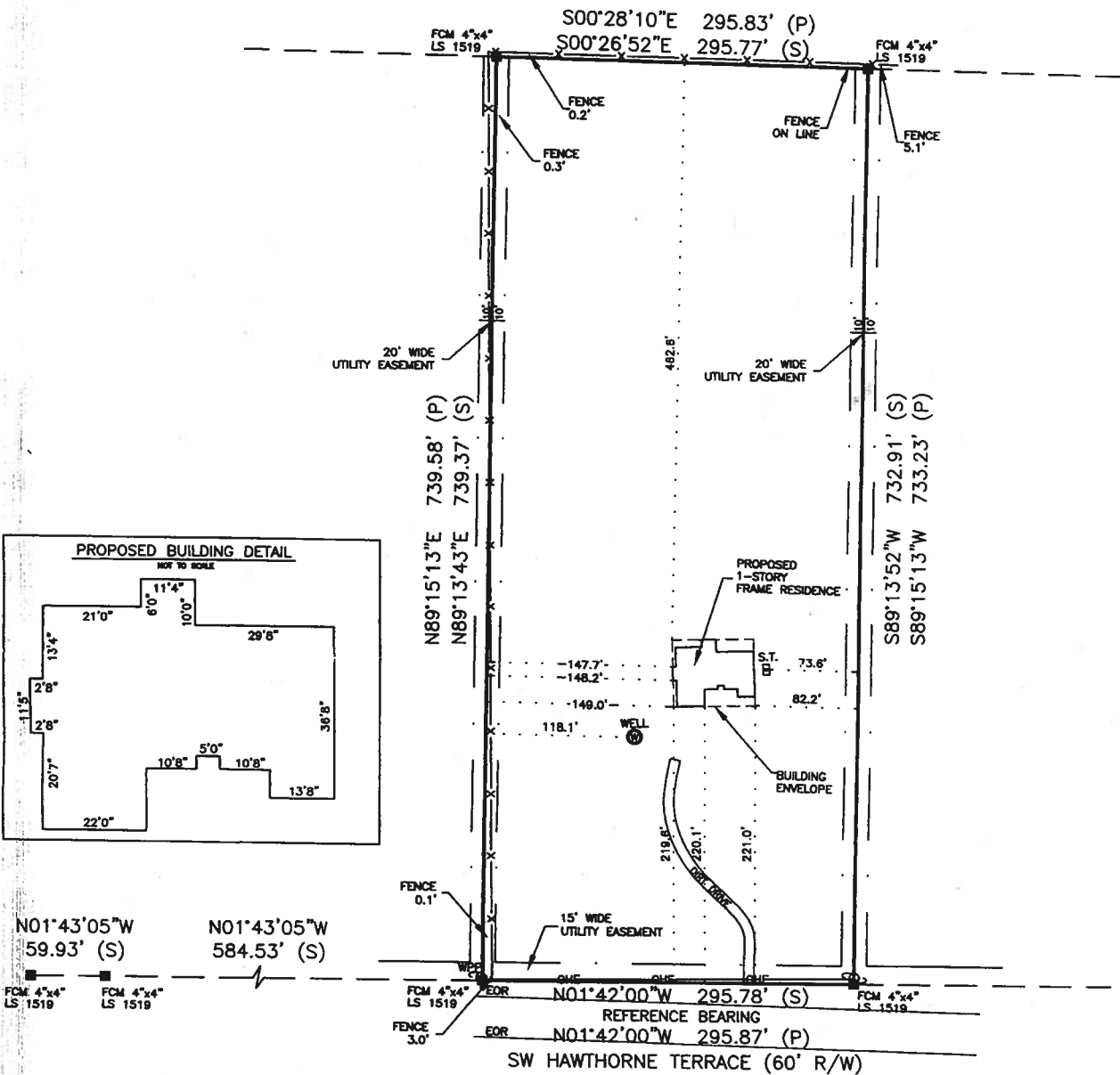
Alternate Installations

MODEL #	AVAILABLE COLORS	WIDTH	SECTION FREE LENGTH AREA	NO. PER CARTON	WT. PER CARTON
SA SERIES Bi-Directional Louvers (1/8" x 1" louvers)					
SA - 8	M, W, BR	2"	8 ft. 92 sq. in.	50	23 lbs.
SP SERIES					
SP - 8	M, W, BR	2"	8 ft. 61 sq. in.	50	19 lbs.
SAL SERIES Bi-Directional Louvers (1/8" x 1" louvers)					
SAL - 8	M, W, BR	2 1/4"	8 ft. 92 sq. in.	50	20 lbs.

	W = WHITE	BR = BROWN
--	-----------	------------

MAP OF BOUNDARY SURVEY

SHOWING LOT 6, PARKER WOODS, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 6, PAGES 81-81B, OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.



- SURVEYORS NOTES
1. BEARING BASED ON PLAT.
 2. THIS SURVEY BASED ON LEGAL DESCRIPTION FURNISHED. THE PUBLIC RECORDS, WERE NOT SEARCHED BY THIS SURVEYOR FOR EASEMENTS, TITLE, COVENANTS, RESTRICTIONS, CLOSURES, TAKINGS OR ORDINANCES, ETC., THERE COULD BE OTHER MATTER OF RECORD THAT EFFECT THIS PARCEL.

I HEREBY CERTIFY THIS SURVEY WAS DONE UNDER MY DIRECT SUPERVISION AND IT MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING PURSUANT TO CHAPTER 61G17-6, FLORIDA ADMINISTRATION CODE, CHAPTER 472, FLORIDA STATUTES.

WILLIAM N. KITCHEN PSM 5490

William N. Kitchen
11-15-2005

CERTIFIED TO:
CHARLES & DIANA BRADLEY

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

REV:		
WILLIAM N. KITCHEN PROFESSIONAL SURVEYOR AND MAPPER 152 N MARION AVENUE LAKE CITY, FLORIDA 32055 PHONE (386) 755-7786	DRAWN BY: RI	FIELD BOOK: 05467
	SCALE: 1" = 100'	
	SURVEY DATE: NOVEMBER 11, 2005	
	JOB NUMBER	SHEET
CLIENT: CHARLES & DIANA BRADLEY	05467	1 OF 1

LEGEND

- (D) = DEED
- (S) = SURVEY MEASUREMENT
(C) = CALCULATED MEASUREMENT
NOID = NO SURVEYORS IDENTIFICATION
LS = LAND SURVEYOR
LB = LICENSE BUSINESS
POC = POINT OF COMMENCEMENT
POB = POINT OF BEGINNING
FCM = FOUND CONCRETE MONUMENT
SIR = SET IRON ROD
EOR = EDGE OF ROAD
OHE = OVER HEAD ELECTRIC
R/W = RIGHT OF WAY
- WCP = WOOD POWER POLE
S.T. = SEPTIC TANK
X-X = WIRE FENCE

FROM : COLUMBIA CD BUILDING + ZONING FAX NO. : 386-758-2160

Jan. 26 2006 04:38PM P1

Columbia County Building Permit Application

Revised 8-23-04

For Office Use Only Application # 0201-68 Date Received 1/25/06 By JW Permit # 990/24199
 Application Approved by - Zoning Official BLK Date 03.02.06 Plans Examiner OK JW Date 3.2.06
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments NOC. DEEDS + OWN EN. HEALTH VITE A-3
PLEASE NOTE: ORIGINAL WAS NOT RECEIVED

Applicants Name Homes By Whittaker, Inc. Phone 352-873-1158
 Address PO Box 771149 Ocala, FL 34477
 Owners Name Charles J. + Diana L. Bradley Phone 386-447-5246
 911 Address 399 SW Hawthorne Ter. Ft. White 32038
 Contractors Name Homes By Whittaker, Inc. Phone 352-873-1343
 Address P.O. Box 771149, Ocala, FL 34477
 Fee Simple Owner Name & Address Charles J. + Diana L. Bradley, 37 Ocean St. Palm Coast FL 32137
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Homes By Whittaker, Inc. PO Box 771149 Ocala FL 34477
 Mortgage Lenders Name & Address N/A
 Circle the correct power company - FL Power & Light - City Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 35-6-S-1604074-106 Estimated Cost of Construction 150,000
 Subdivision Name Parkwood Lot 6 Block Unit Phase Phase
 Driving Directions N Hwy 27 toward Ft White T/R on R 602
Miles to Hawthorne Ter Turn Right) Go down about 1/4 M.
Property on left.
 Type of Construction SFR Number of Existing Dwellings on Property 0
 Total Acreage 5 AC Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 22' Side 73.5' Side 142.7' Rear 462.5'
 Total Building Height 18' Number of Stories 1st Heated Floor Area 2044 Roof Pitch 5/12
PO Box 332 GARAGE 448 TOTAL 2824

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.

Charles J. Bradley
Diana L. Bradley
 Owner/Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 26 day of Jan 2006
 Personally known X or Produced Identification _____

James Whittaker
 Contractor Signature
 Contractors License Number _____
 Competency Card Number _____
 NOTARY STAMP/SEAL

Paula Olsen
 Notary Signature
 PAULA E. OLSEN
 MY COMMISSION # DD466698
 EXPIRES: Aug. 29, 2009
 (407) 388-0153 Florida Notary Service.com

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0601-68 Date Received 1/26/06 By JW Permit # _____

Application Approved by - Zoning Official _____ Date _____ Plans Examiner _____ Date _____

Flood Zone X Development Permit _____ Zoning _____ Land Use Plan Map Category _____

Comments - NOC NEEDED - & Signed En Health Code 1/26/06
- See notarized copy -

Applicants Name Home By Whittaker, Inc. - DREW TURNER Phone 386-454-1512

Address PO Box 771149, Ocala, FL 34477

Owners Name Charles J. & Diana L. Bradley Phone 386-447-5246

911 Address 399 SW Hawthorne Ter. Ft. White 32038

Contractors Name Homes By Whittaker, Inc Phone 352-873-1343

Address PO Box 771149, Ocala, FL 34477

Fee Simple Owner Name & Address Charles J. & Diana L. Bradley, 37 Ocean St. Palm Coast, FL 32137

Bonding Co. Name & Address NA

Architect/Engineer Name & Address Home By Whittaker, Inc PO Box 771149, Ocala, FL 34477

Mortgage Lenders Name & Address NA

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

Property ID Number 35-65-1604074-106 Estimated Cost of Construction 150,000

Subdivision Name Parker Woods Lot 6 Block _____ Unit _____ Phase _____

Driving Directions N Hwy 27 toward Ft White T/R on 18 Gd 2 Miles to Hawthorne Ter Turn Right) Go down about 1/4 M. Property on left.

Type of Construction SFR Number of Existing Dwellings on Property 0

Total Acreage 5 AC Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 221 Side 73.5' Side 147.7 Rear 462.5'

Total Building Height 18' Number of Stories 1 story Heated Floor Area 2044 Roof Pitch 5/12
PORCHES 332 Garage 448 TOTAL 2824

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.

Charles J. Bradley
Diana L. Bradley
 Owner Builder or Agent (Including Contractor)

Home By Whittaker
 Contractor Signature
 Contractors License Number _____
 Competency Card Number _____
 NOTARY STAMP/SEAL

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this _____ day of _____ 20____.

Personally known _____ or Produced Identification _____

Notary Signature

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000990

DATE 03/07/2006 PARCEL ID # 35-6S-16-04074-106
APPLICANT DREW TURNER PHONE 386.454.1512
ADDRESS POB 77114 OCALA FL 34477
OWNER CHARLES & DIANA BRADLEY PHONE 386.447.5456
ADDRESS 399 SW HAWTHORNE TERRACE FT. WHITE FL 32038
CONTRACTOR HOMES BY WHITTAKER, INC. PHONE 352.873.1343
LOCATION OF PROPERTY 47-S TO US 27 TO C-18, TR GO 2 MILES TO HAWTHORNE, TR GO 1/4 MILE
PROPERTY ON L. _____

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____
SIGNATURE *Drew P. Turner*

INSTALLATION REQUIREMENTS

☒ X

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

INSTALLATION NOTE: Turnouts will be required as follows:

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

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

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

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

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

Amount Paid 25.00





Log On


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1:41:25 F

Public Services

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[Change My Address](#)
[View Messages](#)
[Change My PIN](#)
[View Continuing Ed](#)

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

Name: WHITTAKER, JOHN A JR (Primary Name)
HOMES BY WHITTAKER INC (DBA Name)
Main Address: 6913 SOUTHWEST HWY 200
OCALA Florida 34476
County: MARION

License Mailing:

LicenseLocation: 6913 SOUTHWEST HWY 200
OCALA FL 34476
County: MARION

License Information

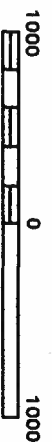
License Type: Certified General Contractor
Rank: Cert General
License Number: CGC011962 ✓
Status: Current,Active
Licensure Date: 10/19/1977
Expires: 08/31/2006

Special Qualifications
Bldg Code Core Course Credit
Qualified Business License Required 02/20/2004
Qualification Effective

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APPROXIMATE SCALE IN FEET



NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 260 OF 290

PANEL LOCATION



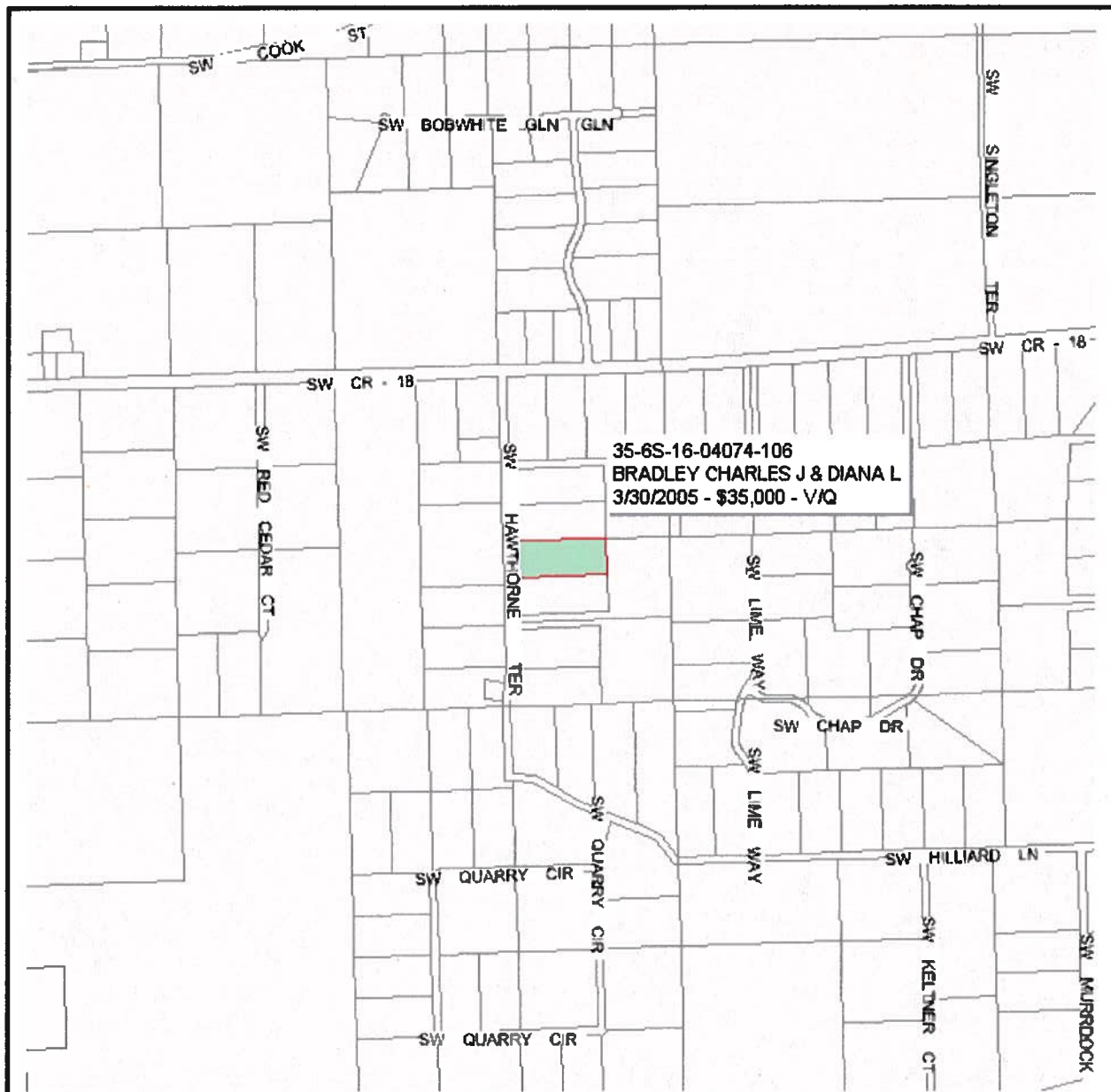
COMMUNITY-PANEL NUMBER
120070 0260 B

EFFECTIVE DATE:
JANUARY 6, 1988



Federal Emergency Management Agency

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



Columbia County Property Appraiser

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

PARCEL: 35-6S-16-04074-106 - VACANT (000000)

LOT 6 PARKER WOODS S/D. ORB 767-775, 845-2171, WD 1043-1832, QC 1043-1834,

Name: BRADLEY CHARLES J & DIANA L

Site: LOT 6 PARKER WOODS

Mail: 37 OCEAN STREET

37 OCEAN STREET

3/30/2005 \$35,000.00 V / Q

3/30/2005 \$15,700.00 V / Q

4/30/2001 \$100.00 V / U

LandVal \$30,000.00

BldgVal \$0.00

ApprVal \$30,000.00

JustVal \$30,000.00

Assd \$30,000.00

Exmpt \$0.00

Taxable \$30,000.00

0 0.1 0.2 0.3 mi



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its 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.

STATE OF FLORIDA DEPARTMENT OF HEALTH

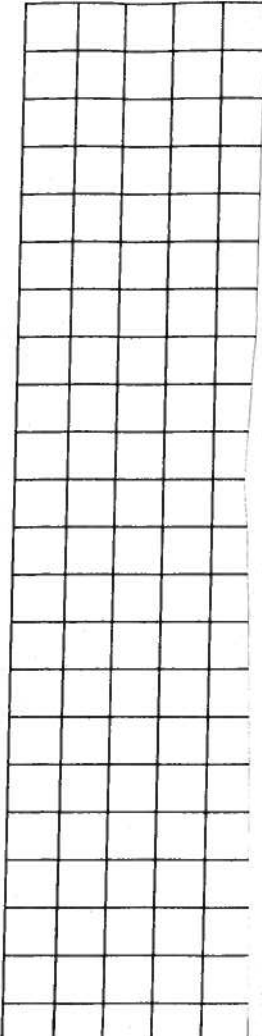
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Scale $\frac{1}{4}" = 41'$

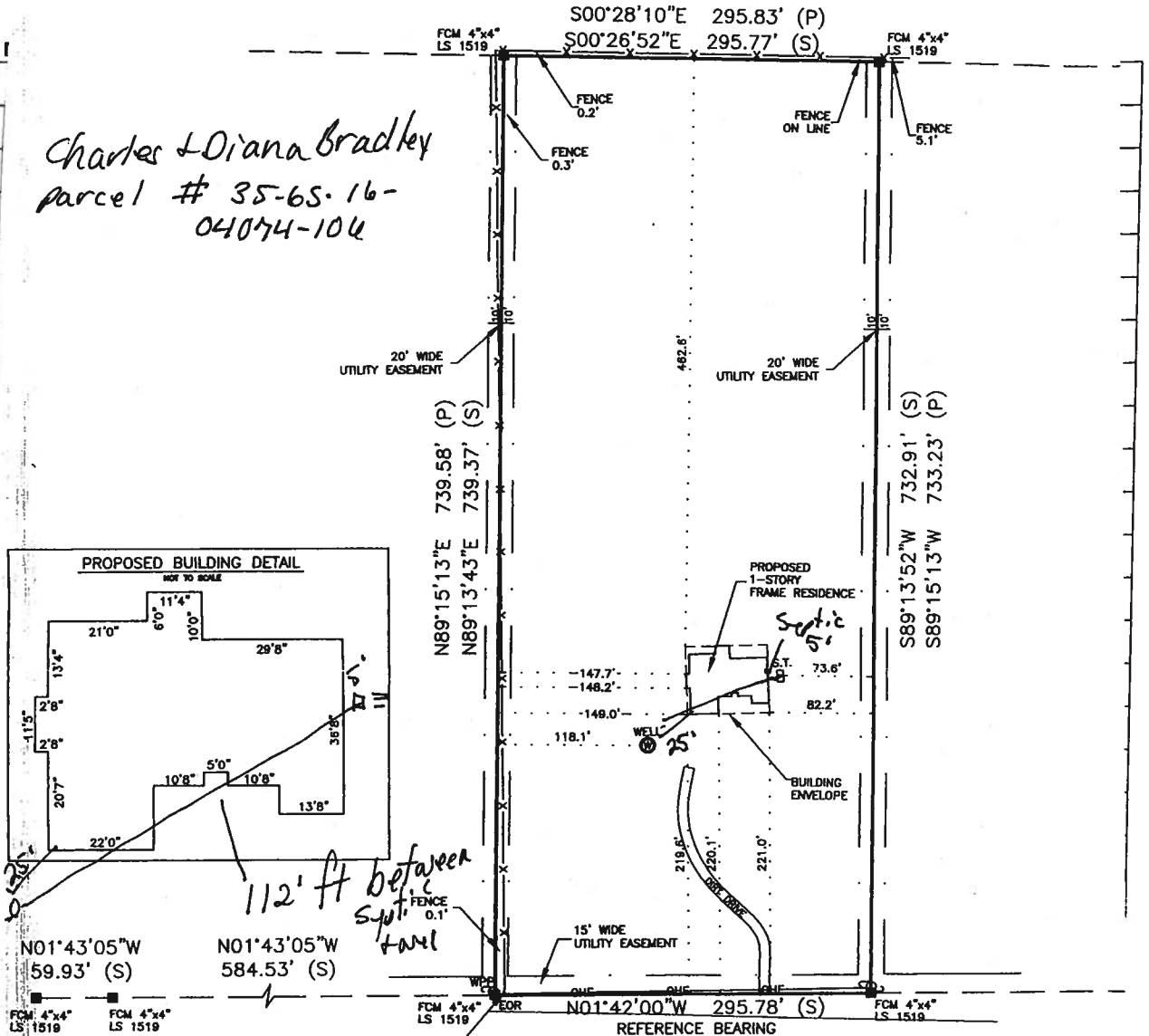
Permit Application Number _____

PART II - SITEPLAN

Scale: Each block 1



*Charles & Diana Bradley
Parcel # 35-6S-16-
04074-104*



Notes: _____

Site Plan submitted by: Sandra Carruth Agent _____
 Plan Approved _____ Not Approved _____ Date _____
 by _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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 ISSUED: November 29, 2005

ENHANCED 9-1-1 ADDRESS:

399 SW HAWTHORNE TER (FORT WHITE, FL 32038)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER PARCEL NUMBER: 35-6S-16-04074-106

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 6 PARKER WOODS S/D

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

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

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

NOTICE OF COMMENCEMENT FORM
Columbia COUNTY, FLORIDA

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

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

Tax Parcel ID Number 35-68-16-04074-106

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

Lot 6, Parker Woods, according to the map on
plat thereof as recorded in plat BK 6
pages 81-81B of the public records of
Columbia County FL.

2. General description of improvement: Building Single Family Residence

3. Owner Name & Address Charles J. Bradley and Diana L. Bradley
37 Ocean St. Palm Coast, FL 32137 Interest in Property _____

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

5. Contractor Name Homes By Whittaker, Inc Phone Number 352-873-1343
Address PO Box 741149 Ocala, FL 34477

6. Surety Holders Name NA Phone Number _____
Address _____
Amount of Bond _____

7. Lender Name NA Inst: 2006004242 Date: 02/21/2006 Time: 16:27
S.F DC, P. DeWitt Cason, Columbia County B: 1074 P: 2273
Address _____

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

Name NA Phone Number _____
Address _____

9. In addition to himself/herself the owner designates NA of
_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee _____

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

NOTICE AS PER CHAPTER 713, Florida Statutes:

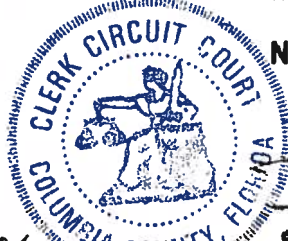
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

X Charles J. Bradley
X Diana L. Bradley
Signature of Owner

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DEWITT CASON, CLERK OF COURTS

By Shawn Feach

Sworn to (or affirmed) and subscribed before
day of 26 Jan, 2006



NOTARY STAMP/SEAL
PAULA E. OLSEN
MY COMMISSION # DD466698
EXPIRES: Aug. 29, 2009
(407) 398-0153 Florida Notary Service.com

Paula Olsen
Signature of Notary

FORM 600A-2004

EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name: BRADLEY RES. #2037	Builder: HOMES BY WHITTAKER
Address:	Permitting Office: <i>Col. m. sh.</i>
City, State:	Permit Number: <i>24199</i>
Owner:	Jurisdiction Number: <i>22-100</i>
Climate Zone: North	

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? No ☐ 6. Conditioned floor area (ft²) 2044 ft² ☐ 7. Glass type¹ 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) 384.0 ft² ☐ b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 384.0 ft² ☐ 8. Floor types a. Slab-On-Grade Edge Insulation R=0.0, 244.0(p) ft ☐ b. N/A ☐ c. N/A ☐ 9. Wall types a. Frame, Wood, Adjacent R=11.0, 214.0 ft² ☐ b. Concrete, Ext Insul, Exterior R=4.1, 1308.0 ft² ☐ c. N/A ☐ d. N/A ☐ e. N/A ☐ 10. Ceiling types a. Under Attic R=30.0, 2044.0 ft² ☐ b. Under Attic R=30.0, 286.0 ft² ☐ c. N/A ☐ 11. Ducts a. Sup. Unc. Ret. Unc. AH(Sealed):Garage Sup. R=6.0, 148.0 ft ☐ b. N/A ☐	12. Cooling systems a. Central Unit Cap: 42.0 kBtu/hr ☐ SEER: 13.00 ☐ b. N/A ☐ c. N/A ☐ 13. Heating systems a. Electric Heat Pump Cap: 42.0 kBtu/hr ☐ HSPF: 7.70 ☐ b. N/A ☐ c. N/A ☐ 14. Hot water systems a. Electric Resistance Cap: 50.0 gallons ☐ EF: 0.90 ☐ b. N/A ☐ c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
--	---

Glass/Floor Area: 0.19

Total as-built points: 29140

Total base points: 29458

PASS

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

PREPARED BY: SUNCOAST INSULATORSDATE: 1-27-06

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

OWNER/AGENT: John A. WhittakerDATE: 2/20/06

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.

FORM 600A-2004

EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X SPM X SOF = Points			
.18	2044.0	20.04	7373.1	Double, Clear	N	2.0	6.0	47.0	19.20	0.90	812.2
				Double, Clear	S	2.0	6.0	92.0	35.87	0.78	2580.7
				Double, Clear	E	2.0	6.0	76.0	42.06	0.85	2711.0
				Double, Clear	W	2.0	6.0	169.0	38.52	0.85	5530.0
				As-Built Total:			384.0			11614.0	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	214.0	0.70	149.8	Frame, Wood, Adjacent	11.0			214.0	0.70	149.8	
Exterior	1308.0	1.70	2223.6	Concrete, Ext Insul, Exterior	4.1			1308.0	0.63	830.8	
Base Total: 1622.0 2373.4				As-Built Total:			1622.0			980.4	
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	18.0	2.40	43.2	Exterior Insulated				40.0	4.10	164.0	
Exterior	40.0	6.10	244.0	Adjacent Insulated				18.0	1.80	28.8	
Base Total: 58.0 287.2				As-Built Total:			58.0			192.8	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	2330.0	1.73	4030.9	Under Attic	30.0			2044.0	1.73 X 1.00	3536.1	
				Under Attic	30.0			286.0	1.73 X 1.00	494.8	
Base Total: 2330.0 4030.9				As-Built Total:			2330.0			4030.9	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	244.0(p)	-37.0	-9028.0	Slab-On-Grade Edge Insulation	0.0			244.0(p)	-41.20	-10052.8	
Raised	0.0	0.00	0.0								
Base Total: -9028.0				As-Built Total:			244.0			-10052.8	
INFILTRATION Area X BSPM = Points							Area X SPM = Points				
	2044.0	10.21	20869.2				2044.0	10.21	20869.2		

FORM 600A-2004

EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 25905.9				Summer As-Built Points: 27634.5						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
25905.9	0.4266		11051.4	(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 27635 1.00 (1.09 x 1.147 x 0.95) 0.263 1.000 8617.0 27634.5 1.00 1.188 0.263 1.000 8617.0						

FORM 600A-2004

EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X WPM X WOF = Point			
.18	2044.0	12.74	4687.3	Double, Clear	N	2.0	6.0	47.0	24.58	1.00	1160.8
				Double, Clear	S	2.0	6.0	92.0	13.30	1.28	1539.6
				Double, Clear	E	2.0	6.0	78.0	18.79	1.06	1514.7
				Double, Clear	W	2.0	6.0	169.0	20.73	1.04	3652.7
				As-Built Total:			384.0			7867.6	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	214.0	3.60	770.4	Frame, Wood, Adjacent	11.0			214.0	3.60	770.4	
Exterior	1308.0	3.70	4839.6	Concrete, Ext Insul, Exterior	4.1			1308.0	4.89	6369.6	
Base Total:				As-Built Total:			1522.0			7160.0	
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	18.0	11.50	207.0	Exterior Insulated				40.0	8.40	336.0	
Exterior	40.0	12.30	492.0	Adjacent Insulated				18.0	8.00	144.0	
Base Total:				As-Built Total:			58.0			480.0	
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	2330.0	2.05	4776.5	Under Attic	30.0			2044.0	2.05 X 1.00	4190.2	
				Under Attic	30.0			286.0	2.05 X 1.00	586.3	
Base Total:				As-Built Total:			2330.0			4776.5	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	244.0(p)	8.9	2171.6	Slab-On-Grade Edge Insulation	0.0			244.0(p)	18.80	4587.2	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:			244.0			4587.2	
INFILTRATION Area X BWPM = Points							Area X WPM = Points				
2044.0 -0.59 -1208.0							2044.0 -0.59			-1208.0	

FORM 600A-2004

EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE			AS-BUILT						
Winter Base Points: 16738.4			Winter As-Built Points: 23665.3						
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points						
			(System - Points)	(DM x DSM x AHU)					
16738.4	0.6274	10501.7	(sys 1: Electric Heat Pump 42000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 23665.3 1.000 (1.069 x 1.169 x 0.95) 0.443 1.000 12442.1 23665.3 1.00 1.187 0.443 1.000 12442.1						

FORM 800A-2004

EnergyGauge® 4.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit	= Total
3		2835.00	7905.0	50.0	0.90	3		1.00	2893.58	8080.7
				As-Built Total:						8080.7

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
11051		10502		7905 29458	8617		12442		8081 29140

PASS

FORM 600A-2004

EnergyGauge® 4.0

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joist 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 outoff (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.	

FORM 600A-2004

EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: BRADLEY RES. #2037	Builder: HOMES BY WHITTAKER
Address:	Permitting Office:
City, State:	Permit Number:
Owner:	Jurisdiction Number:
Climate Zone: North	

1. New construction or existing New ☐	12. Cooling systems
2. Single family or multi-family Single family ☐	a. Central Unit Cap: 42.0 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? No ☐	c. N/A ☐
6. Conditioned floor area (ft²) 2044 ft² ☐	13. Heating systems
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)	a. Electric Heat Pump Cap: 42.0 kBtu/hr
a. U-factor: Description Area	HSPF: 7.70
(or Single or Double DEFAULT) 7a. (Dble Default) 384.0 ft² ☐	b. N/A ☐
b. SHGC:	c. N/A ☐
(or Clear or Tint DEFAULT) 7b. (Clear) 384.0 ft² ☐	14. Hot water systems
8. Floor types	a. Electric Resistance Cap: 50.0 gallons
a. Slab-On-Grade Edge Insulation R=0.0, 244.0(p) ft ☐	EF: 0.90
b. N/A ☐	b. N/A ☐
c. N/A ☐	c. Conservation credits
9. Wall types	(HR-Heat recovery, Solar
a. Frame, Wood, Adjacent R=11.0, 214.0 ft² ☐	DHP-Dedicated heat pump)
b. Concrete, Ext Insul, Exterior R=4.1, 1308.0 ft² ☐	15. HVAC credits
c. N/A ☐	(CF-Ceiling fan, CV-Cross ventilation,
d. N/A ☐	HF-Whole house fan,
e. N/A ☐	PT-Programmable Thermostat,
10. Ceiling types	MZ-C-Multizone cooling,
a. Under Attic R=30.0, 2044.0 ft² ☐	MZ-H-Multizone heating)
b. Under Attic R=30.0, 286.0 ft² ☐	
c. N/A ☐	
11. Ducts	
a. Sup: Unk. Ret: Unk. AH(Sealed):Garage Sup. R=6.0, 148.0 ft ☐	
b. N/A ☐	

Glass/Floor Area: 0.19

Total as-built points: 29140

Total base points: 29458

PASS

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

PREPARED BY: SUNCOAST INSULATORS
Ocala (352) 629-3157
Newberry (352) 472-8585
DATE: 1-31-2006
Crystal River (352) 795-2550
Tampa (813) 343-7999

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.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.5

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 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?	No	c. N/A	
6. Conditioned floor area (ft ²)	2044 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: 42.0 kBtu/hr
(or Single or Double DEFAULT) 7a. (Dble Default)	384.0 ft ²		HSPT: 7.70
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear)	384.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 244.0(p) ft	a. Electric Resistance	Cap: 30.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Adjacent	R=11.0, 214.0 ft ²	(HR-Heat recovery, Solar	
b. Concrete, Ext Insul, Exterior	R=4.1, 1308.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HP-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2044.0 ft ²	MZ-C-Multizone cooling,	
b. Under Attic	R=30.0, 286.0 ft ²	MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed):Garage	Sup. R=6.0, 148.0 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 EnergyStar[®] 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[®] (Version: FLRCSB v4.0)

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.5

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 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?	No	c. N/A	
6. Conditioned floor area (ft ²)	3044 ft ²	13. Heating systems	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		a. Electric Heat Pump	Cap: 42.0 kBtu/hr
a. U-factor:	Description Area		HSPF: 7.70
(or Single or Double DEFAULT)	7a. (Dble Default) 384.0 ft ²	b. N/A	
b. SHGC:		c. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 384.0 ft ²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 244.0(p) ft	b. N/A	EF: 0.90
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
9. Wall types		DHP-Dedicated heat pump)	
a. Frame, Wood, Adjacent	R=11.0, 214.0 ft ²	15. HVAC credits	
b. Concrete, Ext Insul, Exterior	R=4.1, 1308.0 ft ²	(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
d. N/A		PT-Programmable Thermostat,	
e. N/A		MZ-C-Multizone cooling,	
10. Ceiling types		MZ-H-Multizone heating)	
a. Under Attic	R=30.0, 2644.0 ft ²		
b. Under Attic	R=30.0, 286.0 ft ²		
c. N/A			
11. Dests			
a. Sup: Unse. Ret: Unse. AH(Scaled):Garage	Sup. R=6.0, 148.0 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 EnergyStar[®] 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 area, see Summer & Winter Glass output on pages 2&4.
EnergyGauge[®] (Version: FLRCSB v4.0)



RIDDLE CONSULTING ENGINEERS, INC.

PAUL D. RIDDLE, P.E.

Certificate of Authorization: 00004759

Telephone: (352) 245-7041
Fax: (352) 245-5458RIDDLE CONSULTING ENGINEERS, INC.
1720 S.E. County Highway 484
Belleview, Florida 34420

FAX COVER SHEET

Attention: SANDRA	From: Paul Riddle
Send to: Homes Dr WHITTAKER	Date: 2-8-06
Office location:	Office location: RIDDLE CONSULTING ENGINEERS
Fax number: 386 454 1957	Phone number: (352) 245 7041 FAX 245 5458

☐ Urgent ☐ Reply ASAP ☐ Please comment ☐ Please review ☐ For your information

Total pages, including cover:

Comments:

(1)	Building Code REQS showing
(1)	TRUSS UPLIFT STRAPS REQ'D
(1)	COVER
3	TOTAL

CHAPTER 4 FOUNDATIONS

SECTION R401 GENERAL

R401.1 Application. The provisions of this chapter shall control the design and construction of the foundation and foundation spaces for all buildings. Wood foundations shall be designed and installed in accordance with AF&PA Report No. 7 (see Section R301.2.1.1).

Exceptions:

1. The provisions of this chapter shall be permitted to be used for wood foundations only in the following situations:
 - 1.1. In buildings that have no more than two floors and a roof.
 - 1.2. When interior basement and foundation walls are provided at intervals not exceeding 50 feet.
2. In addition to the provisions of this chapter, the design and construction of foundations in areas prone to flooding shall meet the provisions of Section R323.
3. Buildings and structures located within the High-Velocity Hurricane Zone shall comply with the provisions of Chapter 44.

R401.2 Requirements. Foundation construction shall be capable of accommodating all loads according to Section R301 and of transmitting the resulting loads to the supporting soil. Fill soils that support footings and foundations shall be designed, installed and tested in accordance with accepted engineering practice. Gravel fill used as footings for wood and precast concrete foundations shall comply with Section R403.

R401.3 Drainage. Surface drainage shall be diverted to a storm sewer conveyance or other approved point of collection so as to not create a hazard. Lots shall be graded so as to drain surface water away from foundation walls. The grade away from foundation walls shall fall a minimum of 6 inches (152 mm) within the first 10 feet (3048 mm).

Exception: Where lot lines, walls, slopes or other physical barriers prohibit 6 inches (152 mm) of fall within 10 feet (3048 mm), drains or swales shall be provided to ensure drainage away from the structure.

R401.4 Soil tests. In areas likely to have expansive, compressible, shifting or other unknown soil characteristics, the building official shall determine whether to require a soil test to determine the soil's characteristics at a particular location. This test shall be made by an approved agency using an approved method.

R401.4.1 Geotechnical evaluation. In lieu of a complete geotechnical evaluation, the load-bearing values in Table R401.4.1 shall be assumed.

TABLE R401.4.1
PRESUMPTIVE LOAD-BEARING VALUES OF
FOUNDATION MATERIALS¹

CLASS OF MATERIAL	LOAD-BEARING PRESSURE (pounds per square foot)
Crystalline bedrock	12,000
Sedimentary and foliated rock	4,000
Sandy gravel and/or gravel (GW and GP)	3,000
Sand, silty sand, clayey sand, silty gravel and clayey gravel (SW, SP, SM, SC, GM and GC)	2,000
Clay, sandy clay, silty clay, clayey silt, silt and sandy silt (CL, ML, MH and CH)	1,500 ^b

For SI: 1 pound per square foot = 0.0479 kN/m².

- a. When soil tests are required by Section R401.4, the allowable bearing capacities of the soil shall be part of the recommendations.
- b. Where the building official determines that in-place soils with an allowable bearing capacity of less than 1,500 psf are likely to be present at the site, the allowable bearing capacity shall be determined by a soils investigation.

R401.5 Compressible or shifting soil. When top or subsoils are compressible or shifting, such soils shall be removed to a depth and width sufficient to assure stable moisture content in each active zone and shall not be used as fill or stabilized within each active zone by chemical, dewatering, or presaturation.

SECTION R402 MATERIALS

R402.1 Wood foundations. Wood foundation systems shall be designed and installed in accordance with the provisions of this code.

R402.1.1 Fasteners. Fasteners used below grade to attach plywood to the exterior side of exterior basement or crawl-space wall studs, or fasteners used in knee wall construction, shall be of Type 304 or 316 stainless steel. Fasteners used above grade to attach plywood and all lumber-to-lumber fasteners except those used in knee wall construction shall be of Type 304 or 316 stainless steel, silicon bronze, copper, hot-dipped galvanized (zinc coated) steel nails, or hot-tumbled galvanized (zinc coated) steel nails. Electro-galvanized steel nails and galvanized (zinc coated) steel staples shall not be permitted.

R402.1.2 Wood treatment. All lumber and plywood shall be treated in accordance with AWPA C22, and shall bear the label of an accredited agency showing 0.60 retention. Where lumber and/or plywood is cut or drilled after treatment, the treated surface shall be field treated with Copper

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

0601-68

Reference to: Build permit application Number:

Homes by Whittaker Owner Charles Bradley Lot 6 of Parker Woods

On the date of January 27, 2006 application 0601-68 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.

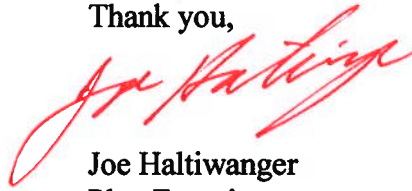
Please include application number 0601-68 when making reference to this application.

1. On the elevation plans show the total height of the structure from the established grade to the roof ridge.
2. On the design details the wind speed is not presented.
3. 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.
4. Please indicate on the floor plan that the windows which will be used for emergency escape egress in each bedroom will comply with the FBC-2004 Section R310.1.1 Minimum opening area. All emergency escape and rescue

- openings on the grade floor 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).
5. The structural design by Mr. Paul Riddle requires that the soil conditions have a load bearing capacity of 2,000 PSF. Therefore please follow the prescribed testing methods to reveal the soil load bearing capacities. Please have a registered professional conduct subsurface explorations at the project site upon which foundations are to be constructed, a sufficient number (not less than four, one boring on each corner of the building foundation) borings shall be made to a depth of not less than 10 feet (3048 mm) below the level of the foundations to provide assurance of the soundness of the foundation bed and its load-bearing capacity.
 6. Please have Mr. Paul Riddle supply the following information, show all required connectors with uplift rating for the truss system and required number and size of fasteners for continuous tie from the roof to foundation. These connection points shall be designed by an architect or engineer using the engineered roof truss plans.
 7. Please show compliance with the FBC-2004 Chapter 13 Florida Energy Efficiency Code for Building Construction, 13-100.2 Intent. The provisions of this code shall regulate (1) the design of building envelopes for adequate thermal resistance and low air leakage and (2) the design and selection of mechanical, electrical, and illumination systems and equipment which will enable the effective use of energy in new building construction, additions, alterations or any change in building configuration. Forms are available from the local jurisdiction permitting

offices or may be obtained from the Department of Community Affairs, Codes and Standards Section, 2555 Shumard Oak Blvd., Tallahassee, Florida 32399-2100. Copies of Subchapter 6 forms may be found in Appendix 13-D of this chapter or online at www.floridabuilding.org.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department

SANDRA

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Scale $\frac{1}{4}" = 41'$

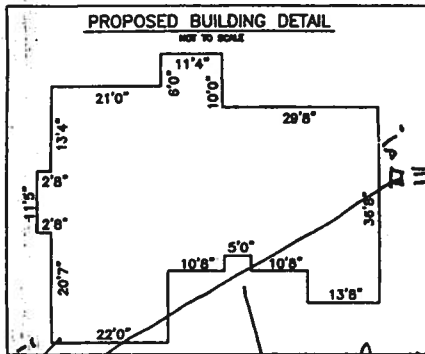
Permit Application Number 06-0577N

PART II - SITEPLAN

Scale: Each block 1

Charles & Diana Bradley
Parcel # 35-65-16-
04074-104

revised 2/20/06
Chad J. Smith



N01°43'05"W
59.93' (S)

N01°43'05"W
584.53' (S)

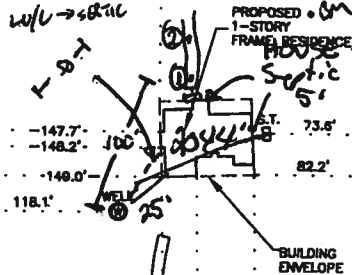
S00°28'10"E 295.83' (P)
S00°26'52"E 295.77' (S)

20' WIDE
UTILITY EASEMENT

20' WIDE
UTILITY EASEMENT

N89°15'13"E 739.58' (P)
N89°13'43"E 739.37' (S)

S89°13'52"W 732.91' (S)
S89°15'13"W 733.23' (P)



15' WIDE
UTILITY EASEMENT

N01°42'00"W 295.78' (S)
REFERENCE BEARING

Notes: _____

Site Plan submitted by: Andrew P. Turner Agent
Plan Approved: [Signature] Not Approved _____ Date 2/20/06
by: [Signature] COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

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

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☒	☒	All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☒	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<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> a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) <i>NO wind speed</i> b. Wind importance factor (I) and building category c. Wind exposure - If more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☒	<u>Elevations Including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories

*Plans
Engineered*

*Plans
Engineered*

Floor Plan Including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan Including:

- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel

Roof System:

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections Including:

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termicide or alternative method)
 - 10. Slab on grade
 - a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

NA

☐

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

NA

☐

- c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

HVAC Information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

- a) Size of pump motor 1 HP
- b) Size of pressure tank PC 244 (220 Gallon Equivalent) Pressure Tank
- c) Cycle stop valve if used Pressure Relief Valve

NA

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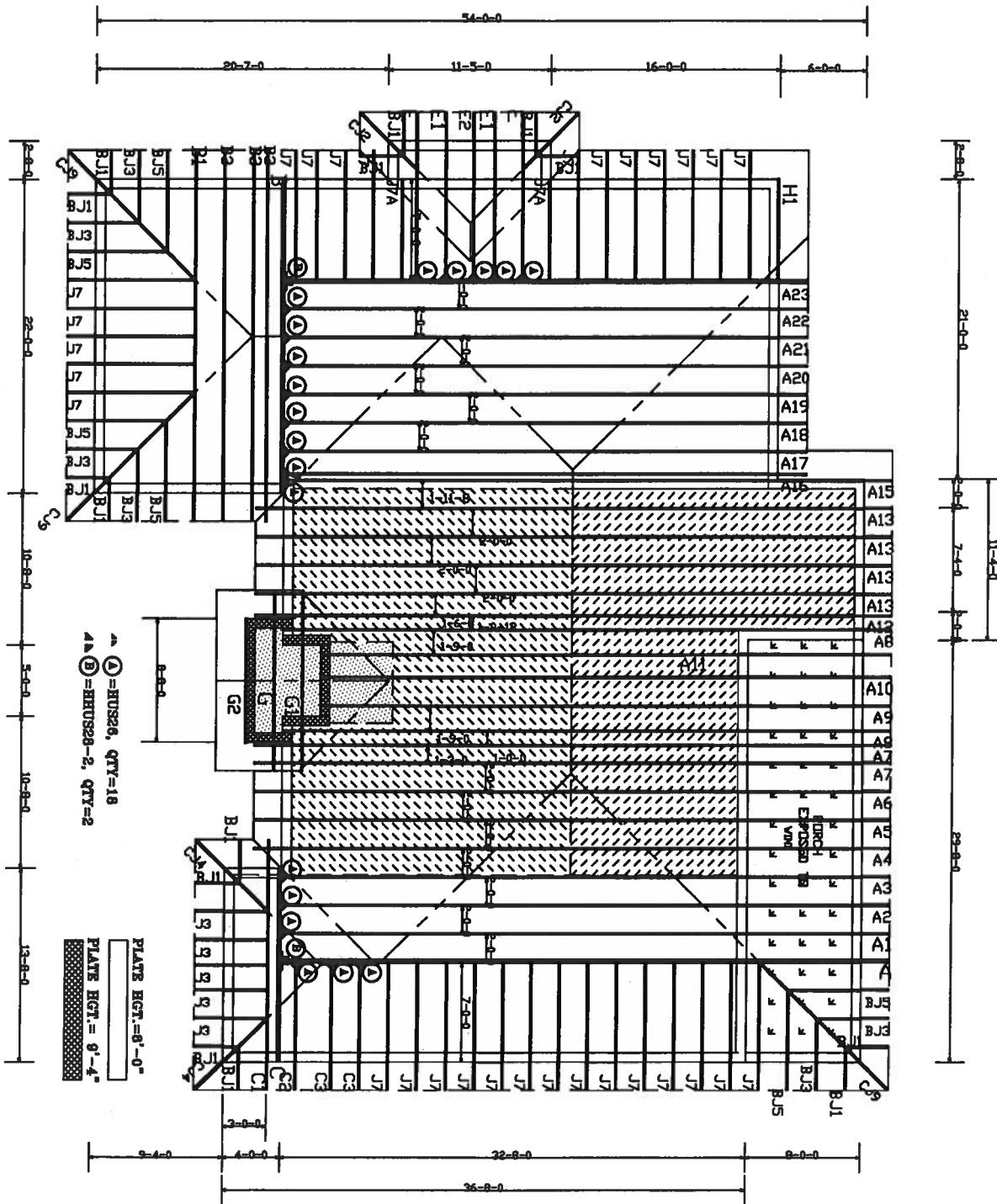
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☐

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ROOF TRUSS PLACEMENT PLAN



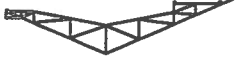
All necessary truss repairs and modifications must be reported to UFP within 48 hours of observation. No backcharges shall be honored unless verified & pre-authorized in writing by an UFP representative.

CUSTOMER NAME: Homes By Whittaker		TCLL: 20		UNIVERSAL FOREST PRODUCTS		NOTES: THIS DRAWING IS THE PROPERTY OF UNIVERSAL FOREST PRODUCTS, INC. AND IS NOT TO BE USED FOR ANY PURPOSE DETRIMENTAL TO THE INTEREST OF UNIVERSAL FOREST PRODUCTS, INC. THIS DRAWING MUST BE USED IN CONJUNCTION WITH ALL OTHER TECHNICAL DRAWINGS SUPPLIED BY UNIVERSAL FOREST PRODUCTS, INC. AND TRACING WOOD TRUSSES: COMMENTARY AND RECOMMENDATIONS AS PUBLISHED BY THE TRUSS PLATE INSTITUTE FOR INDUSTRY STANDARDS IN ERECTING TRUSSES. (TPI) IS LOCATED AT 383 D'ONOFRIO DR. SUITE 200 MADISON, WI 53719 (800) 833-5900
PROJECT: 2037 Cedarwood (1105-04)		TCCL: 10		OCALA OFFICE		
DATE: 11-05-05		BCDL: 10		365 EMERALD RD		
QUALITY PRODUCTS FOR		TOTAL: 40		OCALA, FL 34472		
QUALITY BUILDERS				PHONE # 352-687-4601		
DRAWN BY: SR		WIND MPH 110		FAX # 352-687-8295		
CHECKED BY: XX		OVERHANG 24"				
DATE: XXX		PITCH 5/12				
BY: XX		SPACING 24"				
DRAWING NUMBER: 1105-04						

To: HOMES BY WHITTAKER BRADLEY #2037	Project: BRADLEY #2037 Block No: Lot No:		Model:	
	Project: BRADLEY #2037 Block No: Lot No:		Tentative Delivery Date:	
	Contact:	Name:	Phone:	Fax:
Deliver To:		Office:	Site:	Contact:
Account No:		Designer:		
Salesperson:		Quote Number:		
Job Number:		Project ID:		
Date:		11-14-2005 - 9:32:15 AM		
Page:		1		
1105-04		1105-04		

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope:	Reactions:
	2	A (1) 2-Ply	40 - 8 - 0	HIP 2X4/2X6 1 Row Lat Brace	4 - 0 - 13 5.00 410 lbs. Joint 2 Joint 19 5648 lbs. 2381 lbs. Joint 11	Joint 2 Joint 19 5648 lbs. 2381 lbs. Joint 11
	1	A1	40 - 8 - 0	HIP 1 Row Lat Brace	4 - 10 - 13 5.00 0 lbs. 2369 lbs. 1095 lbs. Joint 10	Joint 2 Joint 16 Joint 10
	1	A10	38 - 0 - 0	SPECIAL 1 Row Lat Brace	9 - 7 - 7 5.00 273 lbs. 1863 lbs. Joint 11	Joint 2 Joint 17 Joint 11
	1	A11	38 - 0 - 0	SPECIAL	9 - 7 - 7 5.00 273 lbs. 1863 lbs. Joint 13	Joint 2 Joint 20 Joint 13
	1	A12	40 - 8 - 0	SCISSOR	9 - 7 - 7 5.00 1740 lbs. 1740 lbs. Joint 10	Joint 2 Joint 10 Joint 10
	4	A13	40 - 8 - 0	SCISSOR	9 - 7 - 7 5.00 1740 lbs. 1740 lbs. Joint 10	Joint 2 Joint 10 Joint 10
	1	A15	40 - 8 - 0	GABLE	9 - 7 - 7 5.00 116 lbs. 66 lbs. Joint 18 Joint 17 2226 lbs. 1270 lbs. Joint 11	Joint 2 Joint 19 Joint 18 Joint 17 2226 lbs. 1270 lbs. Joint 11
	1	A16	34 - 7 - 8	COMMON	8 - 4 - 12 5.00 1512 lbs. 1372 lbs. Joint 9	Joint 15 Joint 15 Joint 9
	1	A17	34 - 7 - 8	HIP 2 Rows Lat Brace	8 - 3 - 1 5.00 1512 lbs. 1372 lbs. Joint 9	Joint 15 Joint 15 Joint 9
	1	A18	34 - 7 - 8	HIP 1 Row Lat Brace	7 - 5 - 1 5.00 1512 lbs. 1372 lbs. Joint 10	Joint 17 Joint 10 Joint 10
	1	A19	34 - 7 - 8	HIP	6 - 7 - 1 5.00 1512 lbs. 1372 lbs. Joint 9	Joint 16 Joint 9 Joint 9
	1	A2	40 - 8 - 0	HIP 2 Rows Lat Brace	5 - 8 - 13 5.00 25 lbs. 2244 lbs. Joint 10	Joint 2 Joint 17 Joint 10
	1	A20	34 - 7 - 8	HIP 2 Rows Lat Brace	5 - 9 - 1 5.00 1512 lbs. 1372 lbs. Joint 8	Joint 15 Joint 8 Joint 8
	1	A21	34 - 7 - 8	HIP	4 - 11 - 1 5.00 1512 lbs. 1372 lbs. Joint 9	Joint 17 Joint 9 Joint 9
	1	A22	34 - 7 - 8	MONO HIP GIRDER 3 Rows Lat Brace	4 - 1 - 1 5.00 1508 lbs. 1369 lbs. Joint 9	Joint 16 Joint 9 Joint 9
	2	A23 (1) 2-Ply	34 - 7 - 8	MONO HIP GIRDER 3 Rows Lat Brace	3 - 3 - 1 5.00 3690 lbs. 3932 lbs. Joint 12	Joint 22 Joint 12 Joint 12
	1	A3	40 - 8 - 0	HIP 2 Rows Lat Brace	6 - 6 - 13 5.00 311 lbs. 1858 lbs. Joint 9	Joint 2 Joint 16 Joint 9
	1	A4	40 - 8 - 0	SPECIAL	7 - 4 - 13 5.00 69 lbs. 2237 lbs. Joint 11	Joint 2 Joint 19 Joint 11
	1	A5	40 - 8 - 0	SPECIAL 1 Row Lat Brace	8 - 2 - 13 5.00 116 lbs. 2207 lbs. Joint 12	Joint 2 Joint 20 Joint 12
	1	A6	40 - 8 - 0	SPECIAL	9 - 0 - 13 5.00 157 lbs. 2172 lbs. Joint 12	Joint 2 Joint 21 Joint 12

To: HOMES BY WHITTAKER BRADLEY #2037		Project: BRADLEY #2037 Block No: Lot No:		Model:	
		Contact:		Name:	
Job Number:		Date:		Project ID:	
Account No:		Designer:		Salesperson:	
Quote Number:		Designer:		Salesperson:	

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope:	Reactions:
	2	A7	40 - 8 - 0	SPECIAL	9 - 7 - 7 5.00 2.25	Joint 2 177 lbs. 2158 lbs. Joint 18 Joint 11
	2	A8	40 - 8 - 0	SPECIAL	9 - 7 - 7 5.00 2.25	Joint 2 175 lbs. 2170 lbs. Joint 17 Joint 11
	1	A9	38 - 0 - 0	SPECIAL	9 - 7 - 7 5.00 2.25	Joint 2 273 lbs. 1863 lbs. Joint 19 Joint 12
	3	B	22 - 0 - 0	GIRDER	4 - 11 - 1 5.00 0.00	Joint 1 8622 lbs. 6461 lbs. Joint 6
	1	B1	22 - 0 - 0	HIP-GIRDER	4 - 0 - 13 5.00 0.00	Joint 2 1850 lbs. 1850 lbs. Joint 8
	3	B3	22 - 0 - 0	HIP	4 - 10 - 13 5.00 0.00	Joint 2 993 lbs. 993 lbs. Joint 7
	14	B1J	1 - 0 - 7	BEVELED JACK	1 - 7 - 0 5.00 0.00	Joint 2 296 lbs. 117 lbs. Joint 3 Joint 4
	6	B3J	3 - 0 - 7	BEVELED JACK	2 - 5 - 0 5.00 0.00	Joint 2 307 lbs. 17 lbs. Joint 3 Joint 4
	6	B5J	5 - 0 - 7	BEVELED JACK	3 - 3 - 0 5.00 0.00	Joint 2 360 lbs. 104 lbs. Joint 3 Joint 4
	2	C	13 - 8 - 0	HIP-GIRDER	2 - 8 - 9 5.00 0.00	Joint 1 4585 lbs. 2698 lbs. Joint 5
	1	C1	13 - 8 - 0	HIP-GIRDER	2 - 4 - 13 5.00 0.00	Joint 2 745 lbs. 745 lbs. Joint 6
	1	C2	7 - 0 - 0	MONO HIP	3 - 2 - 13 5.00 0.00	Joint 2 425 lbs. 235 lbs. Joint 5
	2	C3	7 - 0 - 0	COMMON	3 - 11 - 15 5.00 0.00	Joint 2 425 lbs. 235 lbs. Joint 4
	2	C1J2	2 - 8 - 8	CORNER GIRDER	1 - 11 - 4 3.54 0.00	Joint 2 325 lbs. 101 lbs. Joint 3 Joint 4
	2	C1J4	4 - 2 - 3	CORNER GIRDER	2 - 4 - 7 3.54 0.00	Joint 2 310 lbs. 22 lbs. Joint 3 Joint 4
	3	C1J9	9 - 10 - 1	CORNER GIRDER	4 - 0 - 7 3.54 0.00	Joint 2 532 lbs. 253 lbs. Joint 4 Joint 5
	2	E	9 - 8 - 0	MONO HIP GIRDER	1 - 11 - 6 5.00 0.00	Joint 2 241 lbs. 412 lbs. Joint 9 Joint 7
	2	E1	9 - 8 - 0	SPECIAL	2 - 9 - 6 5.00 0.00	Joint 2 282 lbs. 342 lbs. Joint 8 Joint 6
	1	E2	9 - 8 - 0	SPECIAL	3 - 4 - 14 5.00 0.00	Joint 2 302 lbs. 314 lbs. Joint 8 Joint 6
	1	G	8 - 8 - 0	COMMON	2 - 11 - 7 5.00 0.00	Joint 2 460 lbs. 460 lbs. Joint 4 Joint 4

Reaction Summary

To: HOMES BY WHITTAKER BRADLEY #2037	Project: BRADLEY #2037 Block No:		Tentative Delivery Date:	
	Model:		Lot No:	
	Contact:	Site:	Office:	Deliver To:
Name:		Phone:	Account No:	
Fax:		Designer:		
Salesperson:		Quote Number:		
Project: BRADLEY #2037 Block No:		Date:		
Model:		Project ID:		
Lot No:		Page:		
Contact:		Job Number:		

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope:	Reactions:
	1	G1	8 - 8 - 0	COMMON	2 - 11 - 7	Joint 2 460 lbs. Joint 4 460 lbs.
	1	G2	8 - 8 - 0	DROP-GABLE	2 - 7 - 11	Joint 2 460 lbs. Joint 6 460 lbs.
	1	H1	7 - 0 - 10	DROP-GABLE	2 - 6 - 4	Joint 2 267 lbs. Joint 10 173 lbs.
	5	J3	3 - 0 - 0	JACK	2 - 4 - 13	Joint 2 306 lbs. Joint 3 15 lbs.
	30	J7	7 - 0 - 0	JACK	4 - 0 - 13	Joint 2 428 lbs. Joint 3 173 lbs.
	2	J7A	7 - 0 - 0	JACK	3 - 3 - 1	Joint 1 264 lbs. Joint 2 198 lbs.

						Joint 1 44 lbs. Joint 2 132 lbs.
						Joint 1 264 lbs. Joint 2 198 lbs.
						Joint 1 428 lbs. Joint 2 173 lbs.
						Joint 1 306 lbs. Joint 2 15 lbs.
						Joint 1 428 lbs. Joint 2 173 lbs.
						Joint 1 264 lbs. Joint 2 198 lbs.
						Joint 1 44 lbs. Joint 2 132 lbs.

Reaction Summary



RIGHT-J SHORT FORM

Entire House

SUNKOOL A/C

Job: Bradley, Charles & Diana
#2037 11-09-05

1806 NE 2ND AVE, OCALA, FL 34479 Phone: 352-622-1067 Email: sunkoolac@aol.com Web: www.sunkoolac.com

Project Information

For: Whittaker

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	34	93	Method	Average
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	36	18	Fireplaces	
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	50		

HEATING EQUIPMENT

Make Carrier
Trade H/P
3.5 Ton

Efficiency 7.7 HSPF
Heating input
Heating output 0 Btuh @ 47°F
Heating temperature rise 0 °F
Actual heating fan 1260 cfm
Heating air flow factor 0.035 cfm/Btuh

Space thermostat

COOLING EQUIPMENT

Make Carrier
Trade H/P
3.5 Ton

Efficiency 13.0 SEER
Sensible cooling 34999 Btuh
Latent cooling 7001 Btuh
Total cooling 42000 Btuh
Actual cooling fan 1260 cfm
Cooling air flow factor 0.034 cfm/Btuh

Load sensible heat ratio 87 %

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Bedroom2	196	3992	3442	141	118
Bath1	54	67	82	2	3
Bedroom3	203	4020	3773	142	129
Family Room	333	4975	6281	175	215
Den	169	3720	4177	131	143
Dinette	206	4720	5619	166	192
Kitchen	169	1901	4204	67	144
Nook	130	3956	2630	139	90
Master Bedroom	352	6545	5701	230	195
Bath2	90	415	220	15	8
WIC	60	321	158	11	5
Laundry	70	1132	504	40	17
Master Toilet	12	15	18	1	1

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



Entire House	d	2044	35778	36810	1260	1260
Ventilation air			0	0		
Equip. @ 0.98 RSM				36074		
Latent cooling				5394		
TOTALS		2044	35778	41467	1260	1260

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



DUCT SYSTEM SUMMARY

Entire House

SUNKOOL A/C

Job: Bradley, Charles & Diana
#2037 11-09-05

1806 NE 2ND AVE, OCALA, FL 34479 Phone: 352-622-1067 Email: sunkoolac@aol.com Web: www.sunkoolac.com

Project Information

For: Whittaker

	HEATING	COOLING
External Static Pressure:	0.55 in H ₂ O	0.55 in H ₂ O
Pressure Losses:	0.32 in H ₂ O	0.32 in H ₂ O
Available Static Pressure:	0.23 in H ₂ O	0.23 in H ₂ O
Friction Rate:	0.900 in/100ft	0.900 in/100ft
Actual AVF:	1260 cfm	1260 cfm

Total Effective Length (TEL): 150 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
Bedroom2	3992	3442	141	118	0.900	526	7	0x 0	VIFx	st2
Bath1	67	82	2	3	0.900	32	4	0x 0	VIFx	st2
Bedroom3	4020	3773	142	129	0.900	530	7	0x 0	VIFx	st2
Family Room	4975	6281	175	215	0.900	616	8	0x 0	VIFx	st2
Den	3720	4177	131	143	0.900	535	7	0x 0	VIFx	st2
Dinette	4720	5619	166	192	0.900	551	8	0x 0	VIFx	st1
Kitchen	1901	4204	67	144	0.900	538	7	0x 0	VIFx	st1
Nook	3956	2630	139	90	0.900	521	7	0x 0	VIFx	st1
Master Bedroom	6545	5701	230	195	0.900	660	8	0x 0	VIFx	p
Bath2	415	220	15	8	0.900	167	4	0x 0	VIFx	p
WIC	321	158	11	5	0.900	129	4	0x 0	VIFx	p
Laundry	1132	504	40	17	0.900	457	4	0x 0	VIFx	p
Master Toilet	15	18	1	1	0.900	7	4	0x 0	VIFx	p

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	963	1034	585	18	0 x 0	VinIFlx	p
st2	Peak AVF	591	608	569	14	0 x 0	VinIFlx	st1
p	Peak AVF	1260	1260	578	20	0 x 0	VinIFlx	

Return Branch Detail Table

Name	Diffus Sz (in)	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trunk
ra1	20 x 30	28484	30713	1003	1051	0.153	595	18	0x 0	VIFx	p
ra2	12 x 12	7295	6097	257	209	0.153	582	9	0x 0	VIFx	p

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Sz (in)	Duct Material	Trunk
p	Peak AVF	1260	1260	578	20	0 x 0	VinIFlx	

GEO-TECH, INC.

Engineering Consultants in Geotechnical • Environmental • Construction Materials Testing

FIELD DENSITY WORKSHEET

CLIENT ABW

DATE 7/24/06

PROJECT NAME Bradley Rec.

PROJECT NO. 2037

EARTH CONTRACTOR 399 SW Hawthorne Terr

PERMIT NO. 24199

TESTED BY DY

COMPACTION REQUIREMENT (%) 95 ☐ Standard Proctor ☒ Modified Proctor

FIELD CONTACT _____

TOTAL ON-SITE TIME _____

MILES FROM OFFICE _____

☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☒ Building Pad ☒ Building Footing ☐ Other _____

TEST LOCATION	LAB PROCTOR		TEST DEPTH	PROBE DEPTH	% MOIST.	WET DENSITY (PCF)	DRY DENSITY (PCF)	% COMP.
	DENS.	OMC						
W. SIDE OF PAD	107.1	10.9	CL	12"	6.9	112.0	104.8	97.9
E. " " "	↓	↓	↓	↓	4.4	110.8	106.1	99.1
N. Footing					7.3	112.7	105.0	98.0

REMARKS _____

- * Density failed to meet minimum project requirement
- ** Retest indicates minimum density requirement was obtained.
- () Client is aware of unsatisfactory test results.

GEO-TECH, INC.

Engineering Consultants in Geotechnical • Environmental • Construction Materials Testing

FIELD DENSITY WORKSHEET

CLIENT HBLW DATE 5-24-06
PROJECT NO. _____
PROJECT NAME Bradley Res PERMIT NO. 000024199
EARTH CONTRACTOR 399 SW Hawthorne Terr TESTED BY RR
COMPACTION REQUIREMENT (%) 95 ☐ Standard Proctor
☐ Modified Proctor FIELD CONTACT _____
TOTAL ON-SITE TIME _____ MILES FROM OFFICE _____
☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☐ Building Pad ☐ Building Footing ☐ Other _____

TEST LOCATION	LAB PROCTOR		TEST DEPTH	PROBE DEPTH	% MOIST.	WET DENSITY (PCF)	DRY DENSITY (PCF)	% COMP.
	DENS.	OMC						
Center of Pad	107.1	10.9	12"	12"	7.4	110.0	102.4	95.6
N. Side of Pad	↓	↓	↓	↓	6.8	111.8	104.7	97.8
S. Side of Pad	↓	↓	↓	↓	7.2	110.5	103.1	96.3

REMARKS _____

- * Density failed to meet minimum project requirement
- ** Retest indicates minimum density requirement was obtained.
- () Client is aware of unsatisfactory test results.

GEO-TECH, INC.

Engineering Consultants in Geotechnical • Environmental • Construction Materials Testing

FIELD DENSITY WORKSHEET

CLIENT HBW DATE 5-25-06
 PROJECT NAME Brookly Res. PROJECT NO. _____
 EARTH CONTRACTOR 399 S. Hawthorne PERMIT NO. over 24/99
 COMPACTION REQUIREMENT (%) 95 ☐ Standard Proctor TESTED BY ES
☐ Modified Proctor FIELD CONTACT _____
 TOTAL ON-SITE TIME _____ MILES FROM OFFICE _____
☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☐ Building Pad ☐ Building Footing ☐ Other _____

TEST LOCATION	LAB PROCTOR		TEST DEPTH	PROBE DEPTH	% MOIST.	WET DENSITY (PCF)	DRY DENSITY (PCF)	% COMP.
	DENS.	OMC						
Center of Pad	107.1	109.4	4" 14"	3" 14"	5.8	109.1	103.1	95.6
W. Side of Pad					5.8	109.7	104.2	96.7
E. Side of Pad					5.6	111.1	105.2	97.6
Center of Pad				2" 14"	7.4	111.9	104.2	96.7
N. Side of Pad					6.6	111.8	104.9	97.3
S. Side of Pad				4" 14"	7.0	112.1	104.8	97.2
Center of Pad				1" 14"	7.1	109.9	107.1	96.1
W. Side of Pad					7.8	110.7	102.7	95.3
E. Side of Pad					6.7	109.4	102.5	95.1
Center of Pad				FG	5.8	108.4	102.5	95.7
N. Side of Pad					5.2	107.0	101.7	95.0
S. Side of Pad					6.1	109.2	102.9	96.1

REMARKS _____

- * Density failed to meet minimum project requirement
- ** Retest indicates minimum density requirement was obtained.
- () Client is aware of unsatisfactory test results.

Job # 2037

HOMETEAM

PEST DEFENSE®

Certificate of

#24199

New Construction Subterranean Termite Treatment

This report is submitted for information purposes to the builder on (new) construction cases where treatment for prevention of subterranean termite infestation is required by the Florida Building Code, Section 104.2.6

All contracts for service are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: Hometeam Pest Defense

Company Address: 1621 NE 6th AVE City: Ocala State: FL
Zip: 34400 Company Phone No.: 368-3845 Business License No. 7B1532

Section 2: Builder Information

Company Name: Whittaker
Phone No.: _____

Section 3: Property Information

Building Permit No.: 000024199
Location of Structure(s) Treated: 3990 SW Hawthorne Terr

Type of Construction: [☒] Slab [☐] Basement [☐] Crawl [☐] Other _____
Approximate Depth of Footing: Outside: _____ Inside: _____ Type Fill: _____

Section 4: Treatment Information

Date(s) of Treatment(s): 6/29/06 EPA Registration No: 64405-1

Brand Name of Product(s) Used: Will Be Bora-Care

Final Mix Solution: 123 Treatment Area Sq. Ft.: _____

Linear Ft: _____ Linear Ft. of Masonry Voids: _____

Total Gallons of Termiticide Applied: Will Be Bora-Care

Service Agreement Available	[☒] Yes [☐] No
Liquid treatment:	[☐] Yes [☒] No
Liquid Final exterior treatment	[☐] Yes [☒] No
Borate treatment:	[☐] Yes [☒] No
Bait in lieu of Pretreat:	[☐] Yes [☒] No

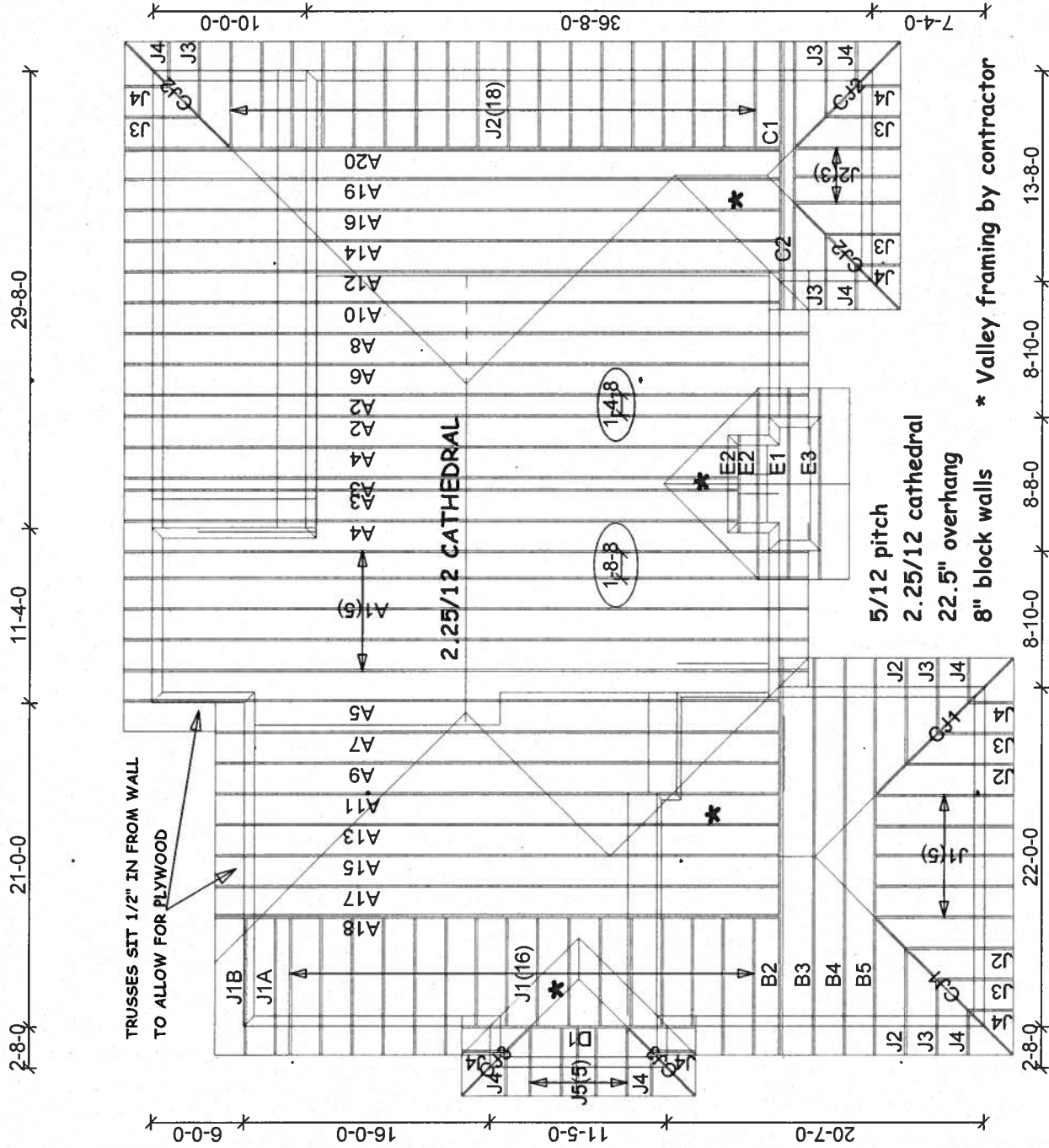
This building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services. Initial _____

Note: State law requires service agreement to be issued. This form does not preempt State law.
Attachments (list): _____

Comments: See

Name of Applicator(s): Cory Sandoz Certificate No.: 7281231

Authorized Signature: _____ Date: 6/29/06



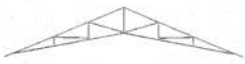
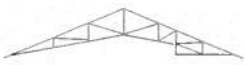
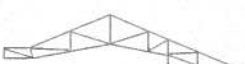
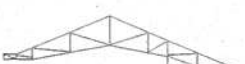
Account: CONTRACTORS
 Job: WHITT-BRADLEY
 Designer: M.MURRAY
 Checker: M.MURRAY
 Date: 08-18-06

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.

HOMES BY WHITTAKER
 BRADLEY (#2037)
 110 MPH ASCE WIND LOAD

Permit 24199

Mayo Truss Co. Inc.
 845 East US 27
 MAYO, FL 32066
 (386)294-3988
 (877)-558-6262

Qty	Plys	Truss Type	Mark	R e a c t i o n s			Sketch
				Horizontal	Vertical	Uplift	
5	1	SCIS	WHITT-BRADLEY/ A1	169 168	1746 1746	237 237	
2	1	SP	WHITT-BRADLEY/ A2	170 168	1167 2246 135	165 390 250	
2	1	SP	WHITT-BRADLEY/ A3	177 142	971 1989 199	132 361 194	
2	1	SP	WHITT-BRADLEY/ A4	164 147	991 1916 252	134 353 181	
1	1	SP	WHITT-BRADLEY/ A5	168 168	1693 1717	55 204 236	
1	1	SP	WHITT-BRADLEY/ A6	159 158	1165 2256 138	165 391 254	
1	1	HIPP	WHITT-BRADLEY/ A7	138 192	186 1472 1234	31 186 172	
1	1	SP	WHITT-BRADLEY/ A8	143 141	1158 2284 141	163 398 261	
1	1	HIPP	WHITT-BRADLEY/ A9	122 176	150 1516 1226	21 199 169	
1	1	SP	WHITT-BRADLEY/ A10	125 124	1021 2348 157	140 406 273	
1	1	HIPP	WHITT-BRADLEY/ A11	106 160	90 1589 1212	15 208 168	
1	1	HIPP	WHITT-BRADLEY/ A12	107 106	1133 1946 293	148 372 146	
1	1	HIPP	WHITT-BRADLEY/ A13	90 144	212 1508 1171	29 198 162	

Truss			R e a c t i o n s				Sketch
Qty	Plys	Type	Mark	Horizontal	Vertical	Uplift	
1	1	HIPP	WHITT-BRADLEY/ A14	90	1070 2190	138 413	
				89	128	115	
1	1	HIPP	WHITT-BRADLEY/ A15	75	204 1520	20 209	
				128	1168	159	
1	1	HIPP	WHITT-BRADLEY/ A16	73	1033 2326	131 436	
				72	139	131	
1	1	HHIP	WHITT-BRADLEY/ A17	121	36 1930	115 257	
				95	1077	147	
1	2	HHIP	WHITT-BRADLEY/ A18	93	111 4670	512 629	
				82	2341	270	
1	1	SP	WHITT-BRADLEY/ A19	57	1032 2355	134 432	
				56	148	134	
1	2	HHIP	WHITT-BRADLEY/ A20	66	1686 4108	224 655	
				25	144	277	
1	2	TR	WHITT-BRADLEY/ B2	76	1578	215	
				76	2055	278	
1	1	TR	WHITT-BRADLEY/ B3	76	999	138	
				76	999	138	
1	1	HIPP	WHITT-BRADLEY/ B4	62	1000	138	
				62	1000	138	
1	1	HIPP	WHITT-BRADLEY/ B5	47	1956	267	
				47	1956	267	
1	2	HIPP	WHITT-BRADLEY/ C1	26	4427	594	
				21	2935	396	
1	1	HIPP	WHITT-BRADLEY/ C2		1041	145	
					1041	145	
1	1	HIPP	WHITT-BRADLEY/ D1		1233	189	
					1233	189	
1	1	TR	WHITT-BRADLEY/ E1		466	67	
					466	67	

		Truss Type	Mark	R e a c t i o n s			Sketch
Qty	Plys			Horizontal	Vertical	Uplift	
2	1	TR	WHITT-BRADLEY/ E2		447 448	69 69	
1	1	TR	WHITT-BRADLEY/ E3		933 Continuous Brg		
2	1	MONO	WHITT-BRADLEY/ CJ1	40 105	446 349 237	98 4 82	
3	1	MONO	WHITT-BRADLEY/ CJ2	23 58	294 166 116	160 75 38	
2	1	JCA2	WHITT-BRADLEY/ CJ3	8 5	192 39 24	80 13	
21	1	JCA2	WHITT-BRADLEY/ J1	88 59	395 195 130	108 86 44	
1	1	HHIP	WHITT-BRADLEY/ J1A	32 88	399 279	53 42	
1	1	HHIP	WHITT-BRADLEY/ J1B		680 Continuous Brg		
25	1	JCA2	WHITT-BRADLEY/ J2	63 42	315 141 93	83 62 32	
10	1	JCA2	WHITT-BRADLEY/ J3	37 25	235 87 55	65 39 19	
5	1	JCA2	WHITT-BRADLEY/ J5	31 21	216 75 46	45 29	
14	1	JCA2	WHITT-BRADLEY/ J4	11 7	157 15 22	48 7 10	

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: BRADLEY - WHITTAKER - BRADLEY

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 - 120 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
T06033393	03/30/2006		5

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 1-1995, Section 2.2. Permanent files of the original Truss Specification Sheet are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Software - Online Plus)

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

Date Mark

1	03/30/06	CJ1
5	03/30/06	J4

Date Mark

2	03/30/06	J1
---	----------	----

Date Mark

3	03/30/06	J2
---	----------	----

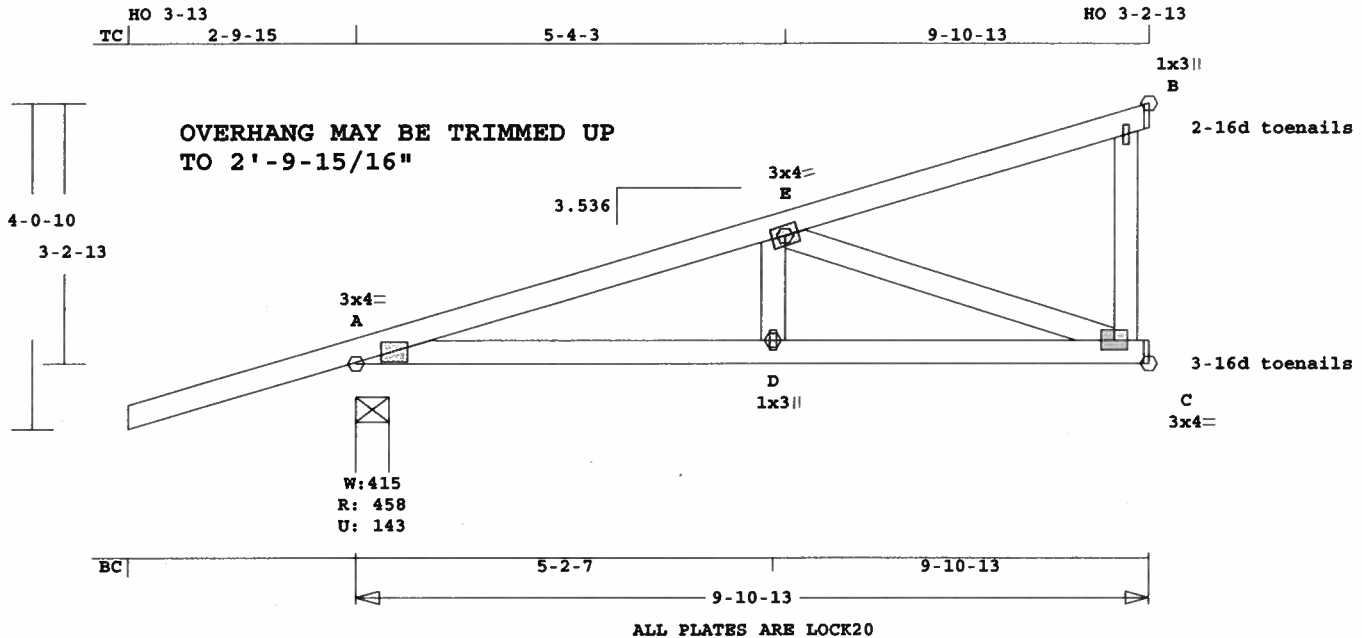
Date Mark

4	03/30/06	J3
---	----------	----

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 3/30/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BRADLEY	CJ1	1	MONO.DD	91013	3.536	2- 9-15	0	T06033393
WHITTAKER - BRADLEY								



Scale: 0.421" = 1'

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

Online Plus -- Version 19.0.011
RUN DATE: 30-MAR-06

CSI -Size- ---Lumber---
TC 0.35 2x 4 SP-#2
BC 0.27 2x 4 SP-#2
WB 0.20 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	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	0	-20	0.0'	9.9'

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	458	143	4-15	1- 8
			Hz =	48
C	349	25	1- 8	1- 8
B	237	105	1- 8	1- 8
			Hz =	125

Membr CSI P Lbs Axl-CSD-Bnd
-----Top Chords-----
A -E 0.28 735 C 0.00 0.28
E -B 0.35 76 T 0.00 0.35
-----Bottom Chords-----
A -D 0.23 719 T 0.08 0.15
D -C 0.27 719 T 0.08 0.19
-----Webs-----
D -E 0.03 234 T
E -C 0.20 762 C
C -B 0.01 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 0.67
E LOCK 3.0x 4.0 Ctr Ctr 0.42
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: 120 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

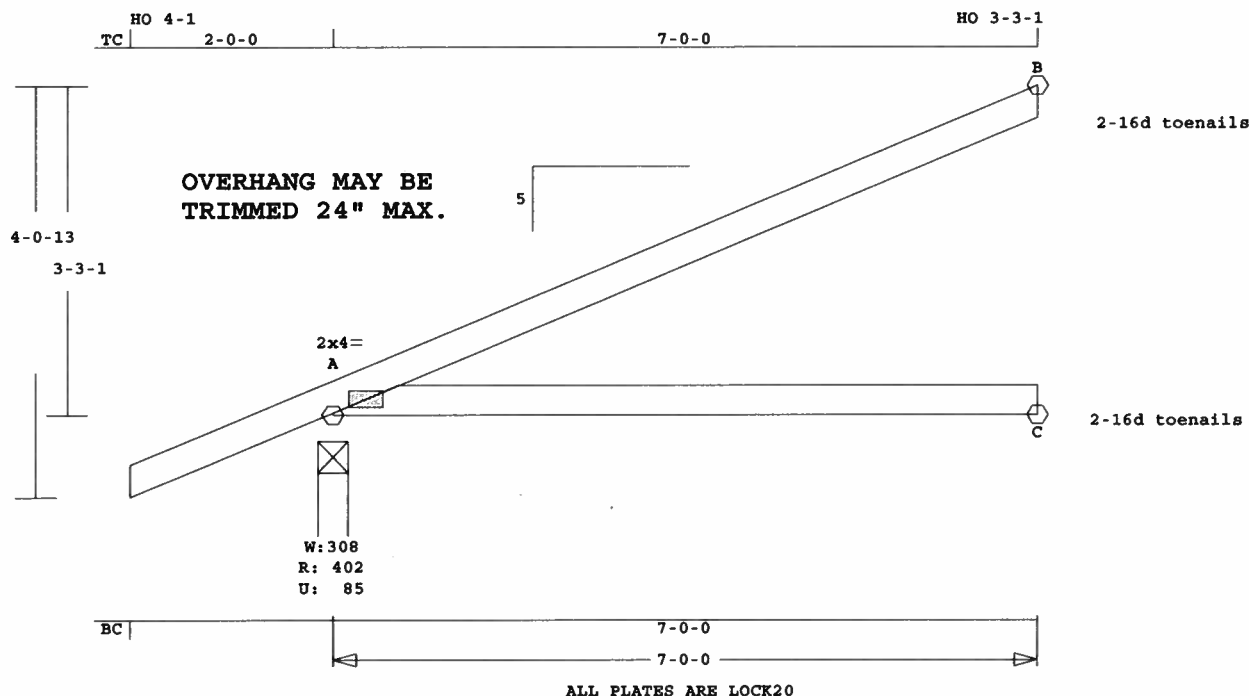
BC Dead Load: 5.0 psf
Max comp. force 762 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Job BRADLEY	Mark J1	Quan 1	Type JCA2	Span 70000	P1-H1 5	Left OH 2- 0- 0	Right OH 0	Engineering T06033393
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WHITTAKER - BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.9 LBS
A - C 0.37 0 T 0.00 0.37

Online Plus -- Version 19.0.011
RUN DATE: 30-MAR-06

CSI -Size- ----Lumber----
TC 0.50 2x 4 SP-#2
BC 0.37 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 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	402	86	3- 8	1- 8
			Hz =	104
C	127	0	1- 8	1- 8
B	183	91	1- 8	1- 8
			Hz =	71

Membr CSI P Lbs Axl-C SI-Bnd
-----Top Chords-----
A -B 0.50 47 C 0.00 0.50
-----Bottom Chords-----

TL Defl -0.19" in A -C L/423
LL Defl -0.08" in A -C L/999
Shear // Grain in A -B 0.23
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 0.73

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-

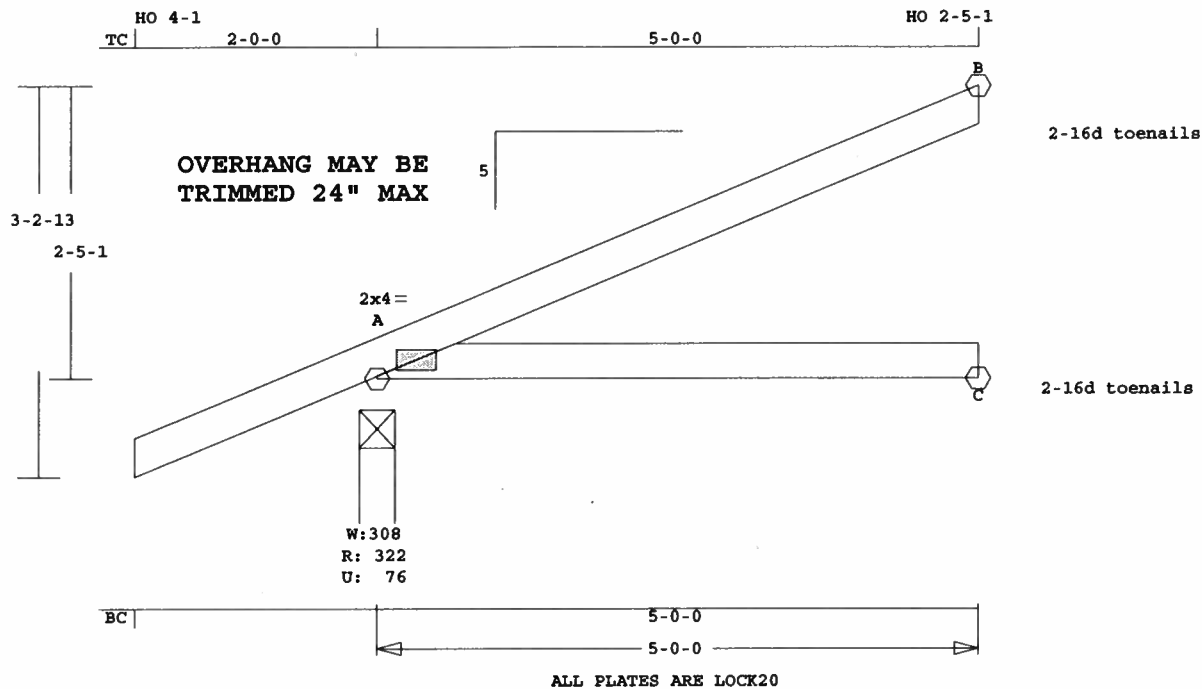
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 47 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
BRADLEY	J2	1	JCA2	50000	5	2- 0- 0	0	T06033393

WHITTAKER - BRADLEY



Scale: 0.632" = 1'

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

A -C 0.18 0 T 0.00 0.18

concurrent LL on BC.

Online Plus -- Version 19.0.011
RUN DATE: 30-MAR-06

TL Defl -0.05" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.16

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 120 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 33 Lbs
Quality Control Factor 1.25

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

TC 0.25 2x 4 SP-#2
BC 0.18 2x 4 SP-#2

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 0.69

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			

REVIEWED BY:

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

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

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

NOTES:

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

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

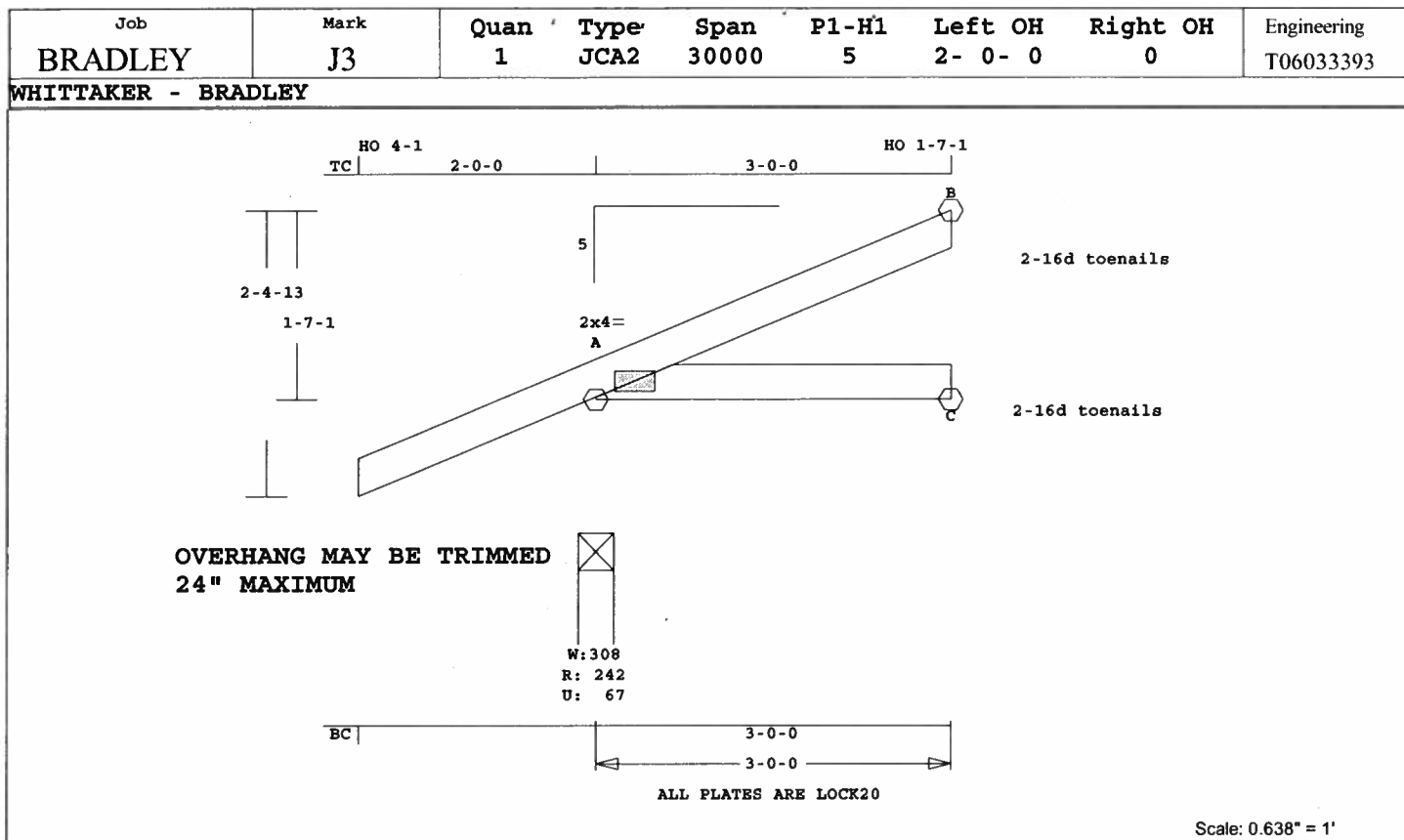
Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	322	76	3- 8	1- 8
			Hz =	73
C	90	0	1- 8	1- 8
B	129	64	1- 8	1- 8
			Hz =	50

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.25		33 C	0.00	0.25
-----Bottom Chords-----					

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.1 LBS

A - C 0.06 0 T 0.00 0.06

concurrent LL on BC.

Online Plus -- Version 19.0.011
RUN DATE: 30-MAR-06

TL Defl -0.01" in A - C L/999
LL Defl 0.00" in A - C L/999
Shear // Grain in A - B 0.08

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 120 mph

CSI -Size- ----Lumber----
TC 0.08 2x 4 SP-#2
BC 0.06 2x 4 SP-#2

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

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 3- 0- 0
BC Cont. 0- 0- 0 3- 0- 0

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

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 18 Lbs

Quality Control Factor 1.25

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

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

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

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	242	67	3- 8	1- 8
			Hz =	43
C	52	0	1- 8	1- 8
B	74	37	1- 8	1- 8
			Hz =	29

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

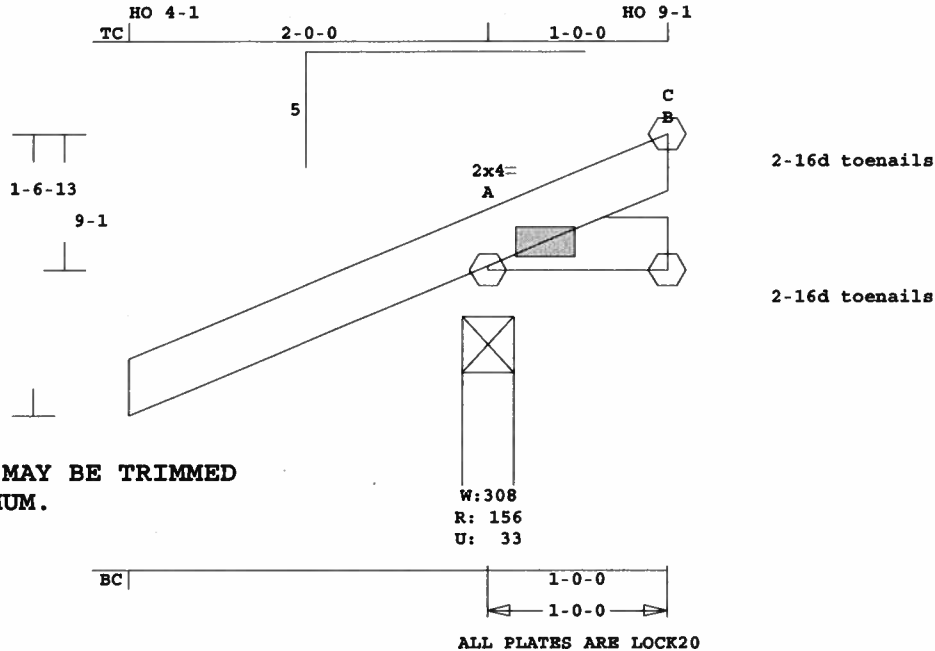
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:

FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Job BRADLEY	Mark J4	Quan 1	Type JCA2	Span 10000	Pl-H1 5	Left OH 2- 0- 0	Right OH 0	Engineering T06033393
WHITTAKER - BRADLEY								



Scale: 0.947" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.3 LBS

Online Plus -- Version 19.0.011
RUN DATE: 30-MAR-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 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	156	33	3- 8	1- 8
			Hz =	13
B	22	10	1- 8	1- 8
C	16	2	1- 8	1- 8

Membr CSI P Lbs Axl-C SI-Bnd
-----Top Chords-----
A -B 0.00 4 T
-----Bottom Chords-----
A -C 0.00 8 T

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in B -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 0.68

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

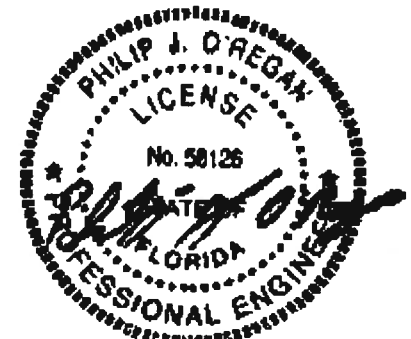
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

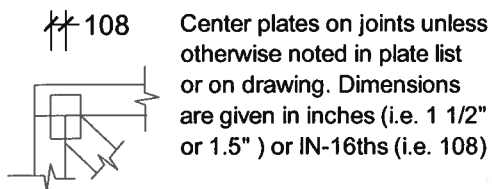
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 4 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



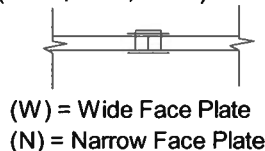
ROBBINS ENG. GENERAL NOTES & SYMBOLS

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.

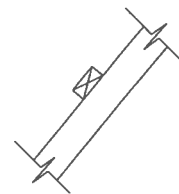
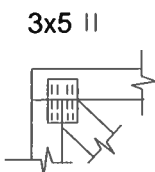


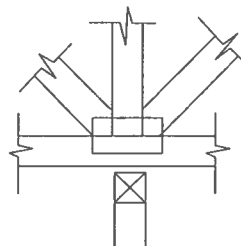
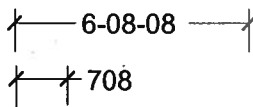
PLATE SIZE AND ORIENTATION



The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

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



BEARING

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

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" 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.robbseng.com

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: WHITT-BRADLEY - CHARLES BRADLEY

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
T06081354	08/14/2006		35

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

1	08/14/06	A1
5	08/14/06	A5
9	08/14/06	A9
13	08/14/06	A13
17	08/14/06	A17
21	08/14/06	B2
25	08/14/06	C1
29	08/14/06	E2
33	08/14/06	J1A

Date Mark

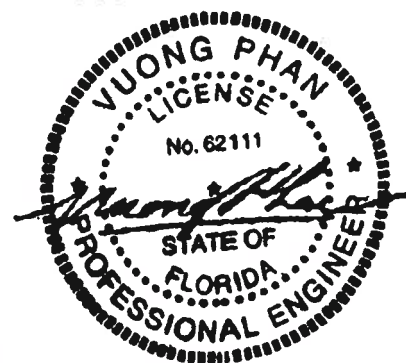
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6	08/14/06	A6
10	08/14/06	A10
14	08/14/06	A14
18	08/14/06	A18
22	08/14/06	B3
26	08/14/06	C2
30	08/14/06	E3
34	08/14/06	J1B

Date Mark

3	08/14/06	A3
7	08/14/06	A7
11	08/14/06	A11
15	08/14/06	A15
19	08/14/06	A19
23	08/14/06	B4
27	08/14/06	D1
31	08/14/06	CJ2
35	08/14/06	J5

Date Mark

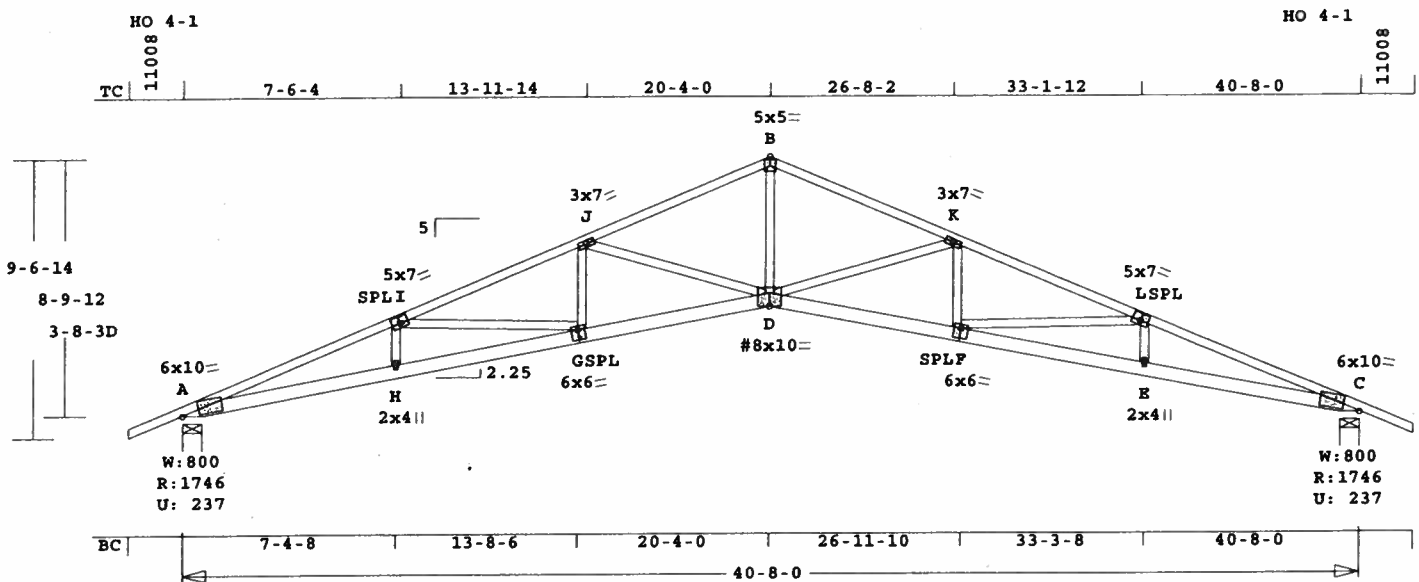
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8	08/14/06	A8
12	08/14/06	A12
16	08/14/06	A16
20	08/14/06	A20
24	08/14/06	B5
28	08/14/06	E1
32	08/14/06	CJ3

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 8/14/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A1	5	SCIS	400800	5	1-10- 8	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



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

Scale: 0.151" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 281.5 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ----Lumber----
TC 1.00 2x 4 SP-#2
BC 0.90 2x 6 SP-#2
WB 0.67 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40- 8- 0
BC Cont.	0- 0- 0	40- 8- 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	1747	238	8- 0	2- 1
			Hx =	-168
C	1747	238	8- 0	2- 1
			Hx =	168

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -I	1.00	5794	C	0.50	0.50
I -J	0.90	4950	C	0.40	0.50
J -B	0.52	3713	C	0.19	0.33
B -K	0.52	3713	C	0.19	0.33
K -L	0.90	4950	C	0.40	0.50
L -C	1.00	5794	C	0.50	0.50
-----Bottom Chords-----					
A -H	0.89	5431	T	0.66	0.23
H -G	0.90	5448	T	0.66	0.24
G -D	0.62	4654	T	0.56	0.06
D -F	0.62	4654	T	0.56	0.06

F	-E	0.90	5448	T	0.66	0.24
E	-C	0.89	5431	T	0.66	0.23
-----Webs-----						
H	-I	0.02	179	T		
I	-G	0.40	774	C		
G	-J	0.07	467	T		
J	-D	0.67	1194	C		
D	-B	0.45	2478	T		
D	-K	0.67	1194	C		
F	-K	0.07	467	T		
F	-L	0.40	774	C		
E	-L	0.02	179	T		

TL Defl	-1.08"	in G -D	L/438
LL Defl	-0.53"	in G -D	L/892
Hx Disp	LL	DL	TL
Jt C	0.30"	0.30"	0.60"
Shear //	Grain	in I -J	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 6.0x10.0 3.1 0.8 0.84
I LOCK 5.0x 7.0-0.2 0.5 0.79
J LOCK 3.0x 7.0 Ctr Ctr 0.41
B LOCK 5.0x 5.0 Ctr Ctr 0.78
K LOCK 3.0x 7.0 Ctr Ctr 0.41
L LOCK 5.0x 7.0 0.2 0.5 0.79
C LOCK 6.0x10.0-3.1 0.8 0.84
H LOCK 2.0x 4.0 Ctr Ctr 0.48
G LOCK 6.0x 6.0 0.2-1.2 0.85
D# LOCK 8.0x10.0 Ctr-1.6 0.69
F LOCK 6.0x 6.0-0.2-1.2 0.85
E LOCK 2.0x 4.0 Ctr Ctr 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.

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

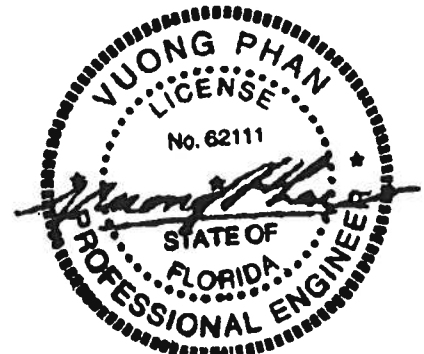
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 5794 Lbs

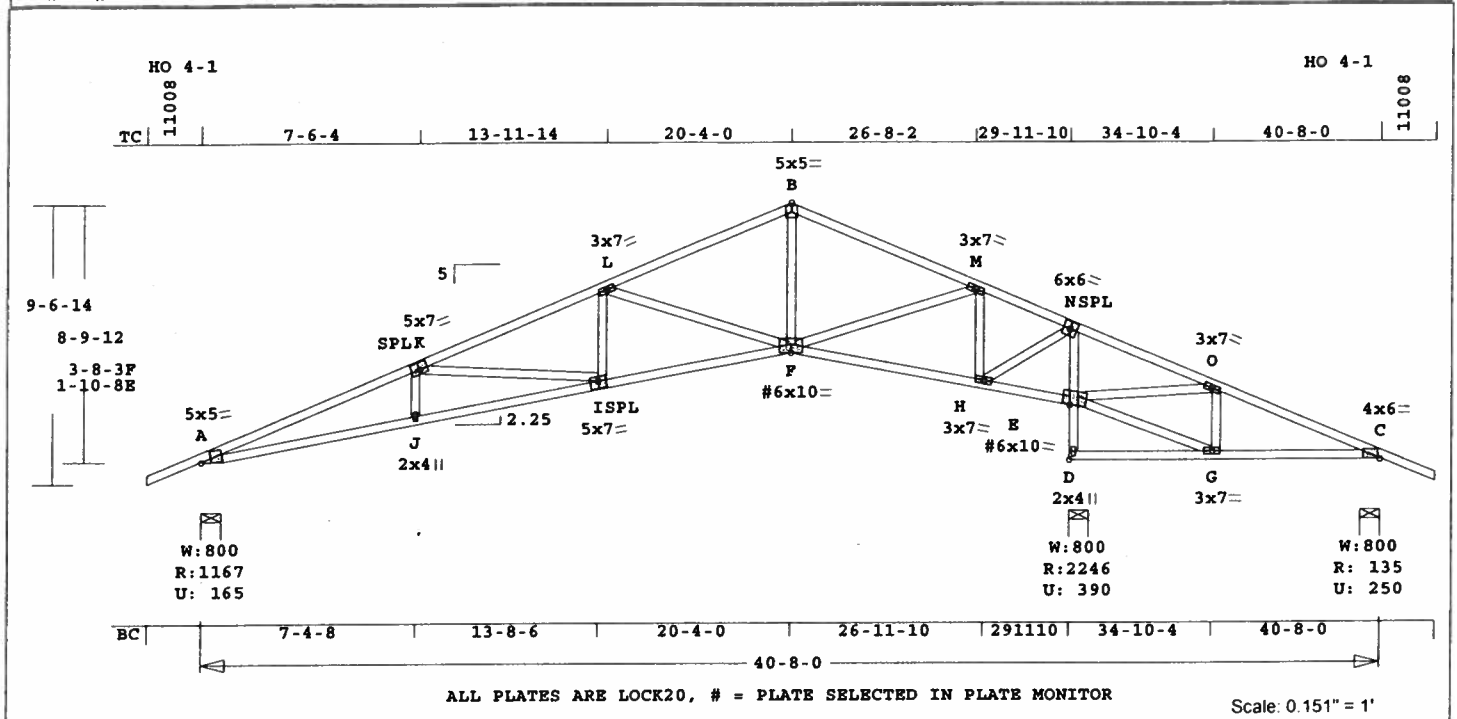
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A2	2	SP	400800	5	1-10- 8	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 265.5 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI	Size	From	To
TC	0.64 2x 4	SP-#2	
BC	0.72 2x 4	SP-#2	
CW	0.20 2x 4	SP-#2	
WB	0.64 2x 4	SP-#2	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40- 8- 0
BC Cont.	0- 0- 0	40- 8- 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	1168	165	8- 0	1- 8
			Hx =	-169
D	2246	391	8- 0	2- 9
C	135	251	8- 0	1- 8
			Hx =	169

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -K	0.48	3244	C	0.15	0.33
K -L	0.43	2248	C	0.03	0.40
L -B	0.40	1086	C	0.00	0.40
B -M	0.31	1084	C	0.01	0.30
M -N	0.34	185	T	0.03	0.31
N -O	0.64	1978	T	0.32	0.32
O -C	0.42	573	T	0.10	0.32
-----Bottom Chords-----					
A -J	0.72	3034	T	0.50	0.22
J -I	0.68	3039	T	0.51	0.17
I -F	0.72	2120	T	0.35	0.37
F -H	0.27	171	C	0.00	0.27
H -E	0.26	1871	C	0.00	0.26
D -G	0.21	33	C	0.00	0.21
G -C	0.21	516	C	0.00	0.21
-----Chord-Webs-----					

D	E	0.20	2216	C	0.20	0.00
E	-N	0.17	1898	C	0.17	0.00
-----Webs-----						
J	-K	0.03	244	T		
K	-I	0.47	911	C		
I	-L	0.06	443	T		
L	-P	0.64	1130	C		
F	-B	0.08	494	T		
F	-M	0.22	1212	T		
H	-M	0.18	1159	C		
H	-N	0.36	1958	T		
E	-O	0.40	1325	C		
E	-G	0.17	516	C		
G	-O	0.06	397	T		

TL Defl	-0.49"	in J -I	L/724
LL Defl	-0.23" <th>in J -I</th> <th>L/999</th>	in J -I	L/999
Hx Disp	LL	DL	TL
Jt D	0.08"	0.08"	0.17"
Shear //	Grain	in A -K	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 5.0x 5.0 2.2 1.1 0.94
K	LOCK 5.0x 7.0-0.2 0.5 0.79
L	LOCK 3.0x 7.0 Ctr Ctr 0.41
B	LOCK 5.0x 5.0 Ctr Ctr 0.73
M	LOCK 3.0x 7.0 Ctr Ctr 0.41
N	LOCK 6.0x 6.0 Ctr Ctr 0.87
O	LOCK 3.0x 7.0 Ctr Ctr 0.42
C	LOCK 4.0x 6.0 Ctr 0.1 0.77
J	LOCK 2.0x 4.0 Ctr Ctr 0.48
I	LOCK 5.0x 7.0 0.1-0.5 0.80
F#	LOCK 6.0x10.0 Ctr-0.6 0.69
H	LOCK 3.0x 7.0 Ctr Ctr 0.70
E#	LOCK 6.0x10.0 0.2 1.0 0.70
D	LOCK 2.0x 4.0 Ctr Ctr 0.88
G	LOCK 3.0x 7.0 Ctr Ctr 0.50

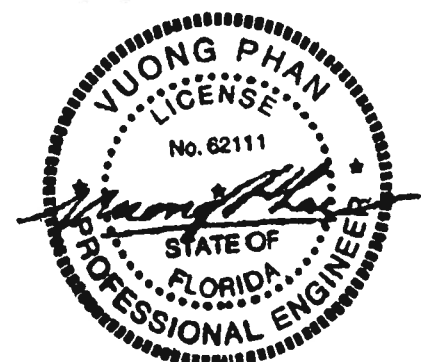
= Plate Monitor used

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
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
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
29-11-10 40- 8- 0
Max comp. force 3244 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

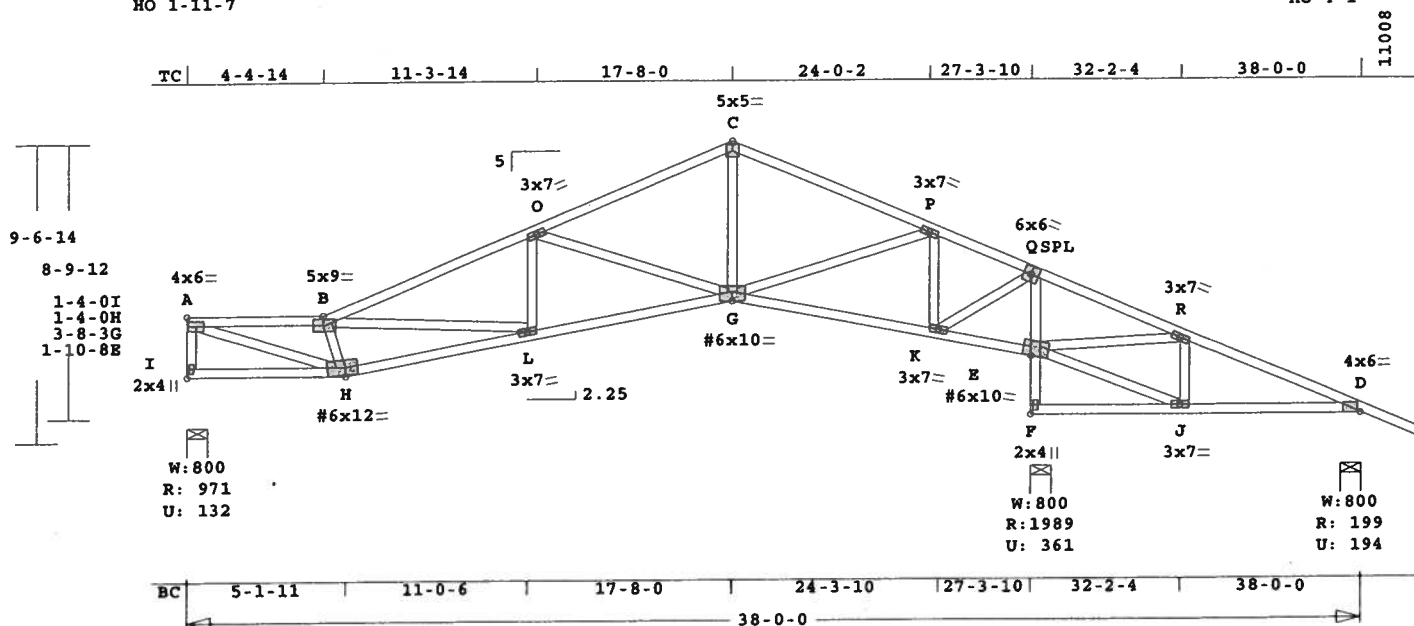


Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A3	2	SP	380000	5	0	1-10-8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY

HO 1-11-7

HO 4-1



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

Scale: 0.160" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 261.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

TC	CSI	-Size-	---Lumber---
TC	0.54	2x 4	SP-#2
BC	0.72	2x 4	SP-#2
CW	0.18	2x 4	SP-#2
WB	0.47	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	38- 0- 0
BC Cont.	0- 0- 0	38- 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
I	971	133	8- 0	1- 8
			Hz =	-176
F	1989	361	8- 0	2- 4
D	200	195	8- 0	1- 8
			Hz =	143

Membr	CSI	P Lbs	Ax1-CSI-Bnd
---Top Chords---			
A -B	0.32	2289 C	0.04 0.28
B -O	0.43	1915 C	0.02 0.41
O -C	0.41	1071 C	0.00 0.41
C -P	0.32	1068 C	0.01 0.31
P -Q	0.31	68 C	0.00 0.31
Q -R	0.54	1461 T	0.23 0.31
R -D	0.36	320 T	0.05 0.31
---Bottom Chords---			
I -H	0.45	156 T	0.00 0.45
H -L	0.72	2183 T	0.36 0.36
L -G	0.61	1811 T	0.30 0.31
G -K	0.24	124 T	0.00 0.24
K -E	0.24	1382 C	0.00 0.24
E -J	0.20	25 C	0.00 0.20
J -D	0.20	282 C	0.00 0.20
---Chord-Webs---			

F -E	0.18	1958 C	0.18	0.00
E -Q	0.15	1649 C	0.15	0.00

-----Webs-----

I -A	0.08	870 C	WindLd
A -H	0.44	2402 T	
B -H	0.10	1041 C	
B -L	0.20	378 C	
L -O	0.04	293 T	
O -G	0.47	826 C	
G -C	0.08	485 T	
G -P	0.17	952 T	
K -P	0.15	980 C	
K -Q	0.30	1671 T	
E -R	0.33	1118 C	
E -J	0.10	294 C	
J -R	0.04	317 T	

TL Defl	-0.25"	in L -G	L/999
LL Defl	-0.10"	in I -H	L/999
Hz Disp	LL	DL	TL
Jt F	0.03"	0.03"	0.06"
Shear //	Grain	in B -O	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	4.0x 6.0	Ctr Ctr 0.79
B	LOCK	5.0x 9.0	0.5 Ctr 0.93
O	LOCK	3.0x 7.0	Ctr Ctr 0.40
C	LOCK	5.0x 5.0	Ctr Ctr 0.71
P	LOCK	3.0x 7.0	Ctr Ctr 0.40
Q	LOCK	6.0x 6.0	Ctr Ctr 0.84
R	LOCK	3.0x 7.0	Ctr Ctr 0.41
D	LOCK	4.0x 6.0	Ctr 0.1 0.74
I	LOCK	2.0x 4.0	Ctr Ctr 0.53
H	LOCK	6.0x12.0-1.4	3.6 0.70
L	LOCK	3.0x 7.0	Ctr Ctr 0.85
G	LOCK	6.0x10.0	Ctr-0.6 0.66
K	LOCK	3.0x 7.0	Ctr Ctr 0.60
E	LOCK	6.0x10.0	0.2 0.9 0.66
F	LOCK	2.0x 4.0	Ctr Ctr 0.77
J	LOCK	3.0x 7.0	Ctr Ctr 0.49

= 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

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

User-defined wind-exposed BC

regions --From-- --To--

27- 3-10 38- 0- 0

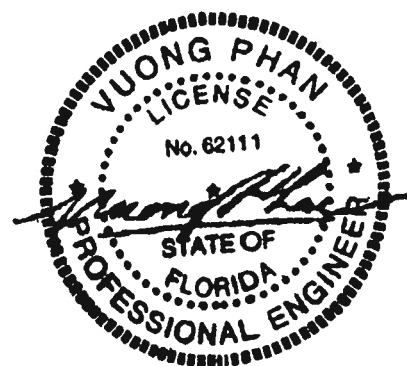
Max comp. force 2289 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

License # 62111

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

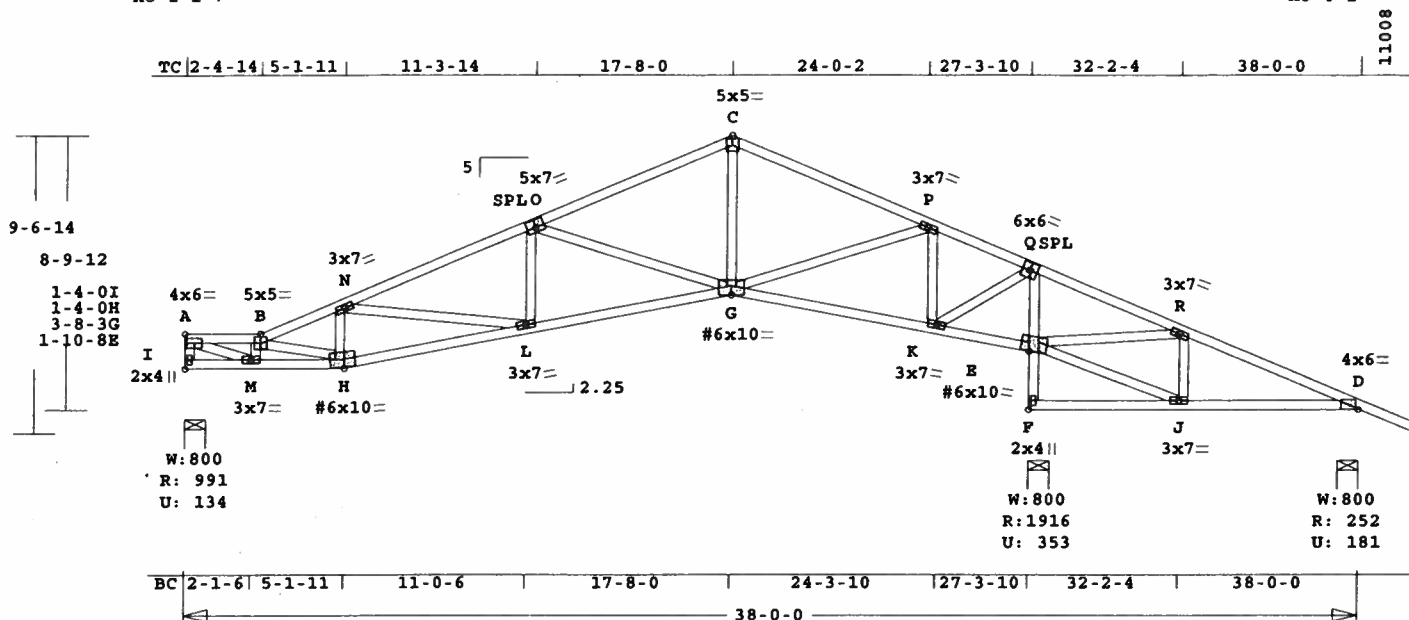


Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A4	2	SP	380000	5	0	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY

HO 1-1-7

HO 4-1



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

Scale: 0.160" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 260.4 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI	Size	Lumber
TC	0.50	2x 4 SP-#2
BC	0.60	2x 4 SP-#2
CW	0.17	2x 4 SP-#2
WB	0.47	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	38- 0- 0
BC Cont.	0- 0- 0	38- 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
I	991	135	8- 0	1- 8
			Hz =	-163
F	1916	353	8- 0	2- 3
D	253	182	8- 0	1- 8
			Hz =	148

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A - B	0.08	2167	C	0.03 0.05
B - N	0.26	2213	C	0.03 0.23
N - O	0.40	1999	C	0.02 0.38
O - C	0.39	1147	C	0.01 0.38
C - P	0.32	1145	C	0.01 0.31
P - Q	0.30	225	C	0.00 0.30
Q - R	0.50	1233	T	0.19 0.31
R - D	0.34	288	T	0.03 0.31
-----Bottom Chords-----				
I - M	0.18	153	T	0.00 0.18
M - H	0.56	2309	T	0.38 0.18
H - L	0.45	2115	T	0.35 0.10
L - G	0.60	1886	T	0.31 0.29
G - K	0.25	216	T	0.01 0.24
K - E	0.24	1167	C	0.00 0.24
F - J	0.20	21	C	0.00 0.20
J - D	0.20	252	C	0.00 0.20
-----Chord-Webs-----				
F - E	0.17	1884	C	0.17 0.00

E - Q	0.14	1583	C	0.14	0.00
-----Webs-----					
I - A	0.08	920	C	WindLd	
A - M	0.42	2327	T		
M - B	0.08	908	C		
B - H	0.03	242	C		
H - N	0.02	204	C		
N - L	0.11	231	C		
L - O	0.04	300	T		
O - G	0.47	830	C		
G - C	0.09	528	T		
G - P	0.16	875	T		
K - P	0.15	926	C		
K - Q	0.29	1594	T		
E - R	0.31	1027	C		
E - J	0.09	264	C		
J - R	0.04	282	T		

TL Defl	-0.25"	in H - L	L/999
LL Defl	-0.11" <th>in H - L</th> <th>L/999</th>	in H - L	L/999
Hz Disp	LL	DL	TL
Jt I	0.03"	0.03"	0.07"
Shear // Grain	in O - C		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. <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr Ctr	0.79
B LOCK	5.0x 5.0	Ctr Ctr	0.93
N LOCK	3.0x 7.0	Ctr Ctr	0.40
O LOCK	5.0x 7.0-0.2	0.5	0.76
C LOCK	5.0x 5.0	Ctr Ctr	0.71
P LOCK	3.0x 7.0	Ctr Ctr	0.40
Q LOCK	6.0x 6.0	Ctr Ctr	0.84
R LOCK	3.0x 7.0	Ctr Ctr	0.41
D LOCK	4.0x 6.0	Ctr	0.1 0.74
I LOCK	2.0x 4.0	Ctr Ctr	0.53
M LOCK	3.0x 7.0	Ctr Ctr	0.75
H# LOCK	6.0x10.0-0.8	3.6	0.70
L LOCK	3.0x 7.0	Ctr Ctr	0.52
G# LOCK	6.0x10.0	Ctr-0.6	0.66
K LOCK	3.0x 7.0	Ctr Ctr	0.57
E# LOCK	6.0x10.0	0.1	1.0 0.67
F LOCK	2.0x 4.0	Ctr Ctr	0.74
J LOCK	3.0x 7.0	Ctr Ctr	0.49

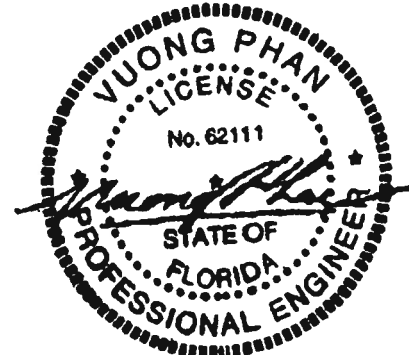
= Plate Monitor used

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
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
User-defined wind-exposed BC
regions --From-- --To--
27- 3-10 38- 0- 0
Max comp. force 2213 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

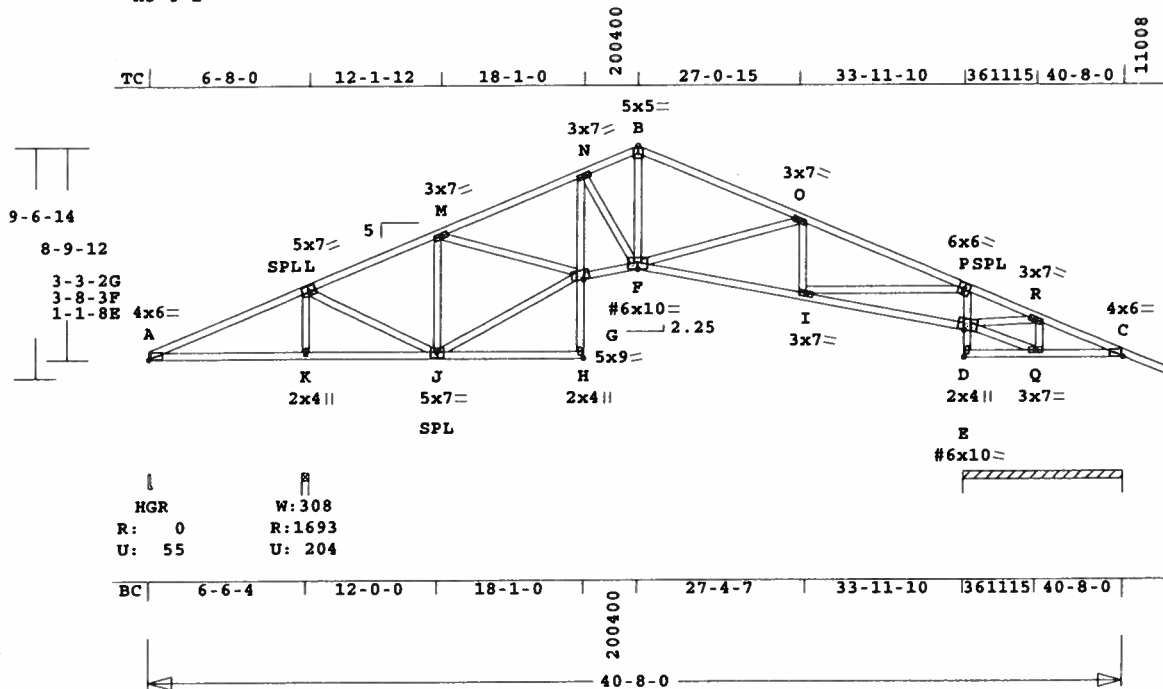


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A5	1	SP	400800	5	0	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY

HO 4-1

HO 4-1



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

Scale: 0.124" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 292.2 LBS

Tampa, FL 33682

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ----Lumber----
TC 0.52 2x 4 SP-#2
BC 0.40 2x 4 SP-#2
CW 0.17 2x 4 SP-#2
WB 0.35 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 40- 8- 0
BC Cont. 0- 0- 0 40- 8- 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 0 56 3- 8 1- 8
Hz = -167
K 1694 205 3- 8 1-13
Cont. Brg 33-11-10 to 40- 8- 0
1718 237 Hz = 169

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -L 0.52 639 T 0.11 0.41
L -M 0.41 708 C 0.00 0.41
M -N 0.30 1491 C 0.03 0.27
N -B 0.21 1396 C 0.01 0.20
B -O 0.48 1407 C 0.01 0.47
O -P 0.48 1568 C 0.01 0.47
P -R 0.45 569 T 0.10 0.35
R -C 0.11 149 T 0.02 0.09
-----Bottom Chords-----
A -K 0.27 577 C 0.00 0.27
K -J 0.25 577 C 0.00 0.25
J -H 0.19 8 T 0.00 0.19
G -F 0.27 1403 T 0.23 0.04
F -I 0.40 1476 T 0.15 0.25
I -E 0.25 497 C 0.00 0.25
D -Q 0.07 92 C 0.00 0.07
Q -C 0.08 133 C 0.00 0.08
-----Chord-Webs-----

H -G 0.05 98 T 0.00 0.05
G -N 0.01 71 C 0.00 0.01
D -E 0.17 1456 C 0.01 0.16
E -P 0.11 1262 C 0.11 0.00
-----Webs-----
K -L 0.19 1520 C
L -J 0.25 1372 T
J -M 0.27 858 C
J -G 0.13 729 T
M -G 0.13 757 T
N -F 0.04 161 C
F -B 0.15 816 T
F -O 0.10 167 C
I -O 0.05 335 C
I -P 0.35 1941 T
E -R 0.05 376 C
E -Q 0.01 70 T
Q -R 0.01 97 T

TL Defl -0.08" in A -K L/868
LL Defl -0.03" in A -K L/999
Hz Disp LL DL TL
Jt D 0.04" 0.04" 0.08"
Shear // Grain in B -O 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 4.0x 6.0 Ctr 0.1 0.77
L LOCK 5.0x 7.0-0.2 0.5 0.79
M LOCK 3.0x 7.0 Ctr Ctr 0.41
N LOCK 3.0x 7.0 Ctr Ctr 0.51
B LOCK 5.0x 5.0 Ctr Ctr 0.73
O LOCK 3.0x 7.0 Ctr Ctr 0.41
P LOCK 6.0x 6.0 Ctr Ctr 0.87
R LOCK 3.0x 7.0 Ctr Ctr 0.42
C LOCK 4.0x 6.0 Ctr 0.1 0.77
K LOCK 2.0x 4.0 Ctr Ctr 0.48
J LOCK 5.0x 7.0 Ctr-0.5 0.80
H LOCK 2.0x 4.0 Ctr Ctr 0.60
G LOCK 5.0x 9.0 Ctr 0.4 0.76
F# LOCK 6.0x10.0 Ctr-0.6 0.69
I LOCK 3.0x 7.0 Ctr Ctr 0.86
E# LOCK 6.0x10.0 0.1 1.0 0.69
D LOCK 2.0x 4.0 Ctr Ctr 0.60
Q LOCK 3.0x 7.0 Ctr Ctr 0.51

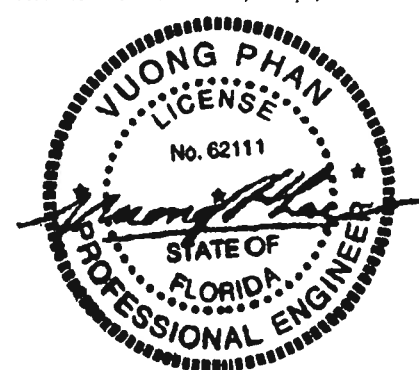
= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

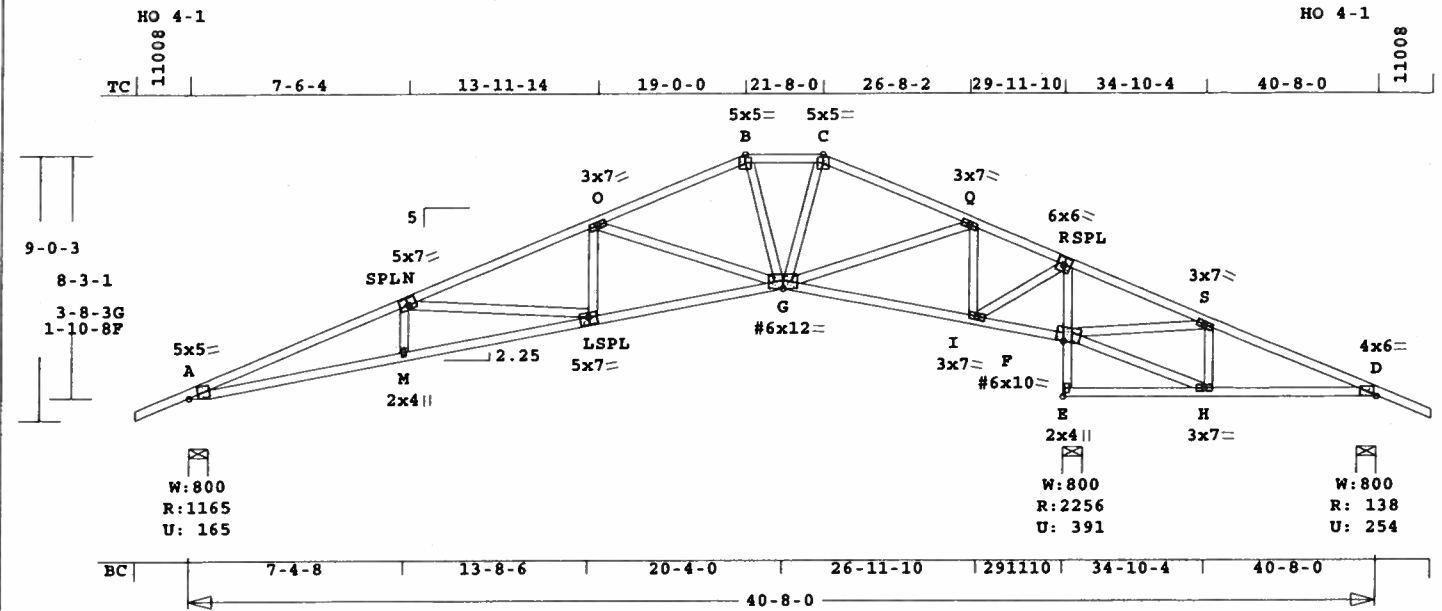
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a 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 1568 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A6	1	SP	400800	5	1-10- 8	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



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

Scale: 0.152" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 271.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

TC	Size	SP-#2
0.64	2x 4	SP-#2
0.72	2x 4	SP-#2
0.20	2x 4	SP-#2
0.60	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40- 8- 0
BC Cont.	0- 0- 0	40- 8- 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	1165	165	8- 0	1- 8
			Hz =	-159
E	2256	391	8- 0	2- 9
D	138	254	8- 0	1- 8
			Hz =	158

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -N	0.47	3236	C	0.07	0.40
N -O	0.40	2231	C	0.07	0.33
O -B	0.34	1112	C	0.00	0.34
B -C	0.06	1080	C	0.00	0.06
C -Q	0.21	1112	C	0.01	0.20
Q -R	0.25	220	T	0.04	0.21
R -S	0.64	2005	T	0.32	0.32
S -D	0.42	592	T	0.10	0.32
-----Bottom Chords-----					
A -M	0.72	3027	T	0.50	0.22
M -L	0.66	3033	T	0.50	0.16
L -G	0.67	2101	T	0.35	0.32
G -I	0.25	210	C	0.00	0.25
I -F	0.26	1896	C	0.01	0.25
E -H	0.21	34	C	0.00	0.21
H -D	0.21	533	C	0.00	0.21
-----Chord-Webs-----					

E -F	0.20	2226	C	0.20	0.00
F -R	0.17	1905 <td>C</td> <td>0.17</td> <td>0.00</td>	C	0.17	0.00

M -N	0.03	242	T
N -L	0.48	922 <td>C</td>	C
L -O	0.06	449 <td>T</td>	T
O -G	0.60	1093 <td>C</td>	C
B -G	0.04	249 <td>T</td>	T
G -C	0.03	245 <td>T</td>	T
G -Q	0.23	1279 <td>T</td>	T
I -Q	0.18	1156 <td>C</td>	C
I -R	0.35	1940 <td>T</td>	T
F -S	0.40	1332 <td>C</td>	C
F -H	0.18	533 <td>C</td>	C
H -S	0.06	402 <td>T</td>	T

TL Defl	-0.48"	in M	-L	L/739
LL Defl <td>-0.23"</td> <td>in M <td>-L <td>L/999</td> </td></td>	-0.23"	in M <td>-L <td>L/999</td> </td>	-L <td>L/999</td>	L/999
Hz Disp <td>LL</td> <td>DL</td> <td>TL</td> <td></td>	LL	DL	TL	
Jt E <td>0.08" <td>0.08" <td>0.17"</td> <td></td> </td></td>	0.08" <td>0.08" <td>0.17"</td> <td></td> </td>	0.08" <td>0.17"</td> <td></td>	0.17"	
Shear //	Grain	in A <td>-N</td> <td>0.27</td>	-N	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 5.0x 5.0 2.2 1.1 0.93

N LOCK 5.0x 7.0-0.2 0.5 0.79

O LOCK 3.0x 7.0 Ctr Ctr 0.41

B LOCK 5.0x 5.0 Ctr Ctr 0.97

C LOCK 5.0x 5.0 Ctr Ctr 0.97

Q LOCK 3.0x 7.0 Ctr Ctr 0.43

R LOCK 6.0x 6.0 Ctr Ctr 0.87

S LOCK 3.0x 7.0 Ctr Ctr 0.42

D LOCK 4.0x 6.0 Ctr 0.1 0.77

M LOCK 2.0x 4.0 Ctr Ctr 0.48

L LOCK 5.0x 7.0 0.1-0.5 0.80

G# LOCK 6.0x12.0 Ctr-0.5 0.70

I LOCK 3.0x 7.0 Ctr Ctr 0.70

F# LOCK 6.0x10.0 0.2 0.9 0.68

E LOCK 2.0x 4.0 Ctr Ctr 0.88

H LOCK 3.0x 7.0 Ctr Ctr 0.50

= 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

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

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

User-defined wind-exposed BC

regions --From-- --To--

29-11-10 40- 8- 0

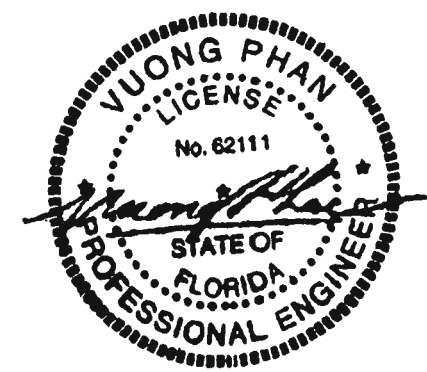
Max comp. force 3236 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

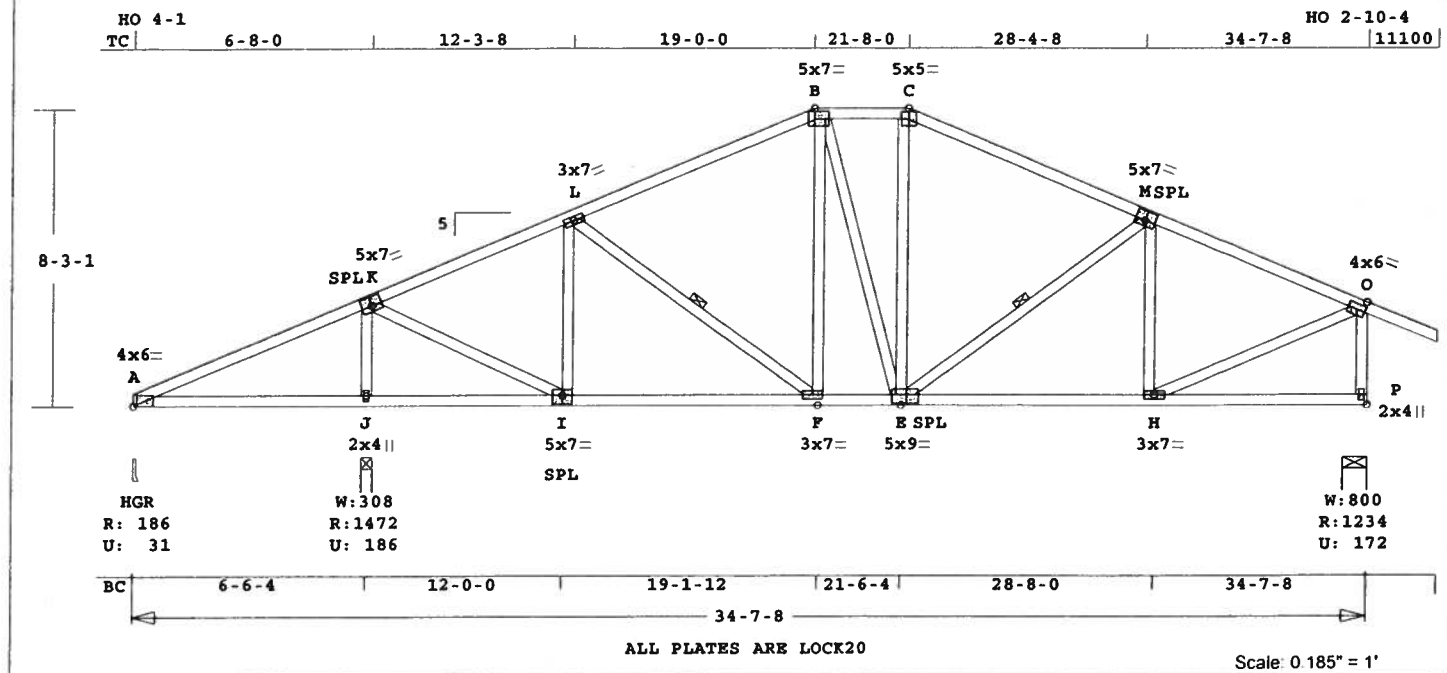
License #: 62111

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A7	1	HIPP	340708	5	0	1-11- 0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 265.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ---Lumber---
TC 0.50 2x 4 SP-#2
BC 0.39 2x 4 SP-#2
WB 0.21 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 34- 7- 8
BC Cont. 0- 0- 0 34- 7- 8
WB 1 rows CLB on L -F
WB 1 rows CLB on E -M
Attach CLB with (2)-10d nails
at each web.

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	186	32	3- 8	1- 8
			Hz =	-138
J	1472	187	3- 8	1- 9
P	1234	172	8- 0	1- 8
			Hz =	192

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -K 0.39 110 T 0.02 0.37
K -L 0.39 1037 C 0.00 0.39
L -B 0.39 1044 C 0.01 0.38
B -C 0.13 963 C 0.00 0.13
C -M 0.50 1054 C 0.00 0.50
M -O 0.50 1150 C 0.00 0.50
-----Bottom Chords-----

A -J	0.23	93 C	0.00	0.23
J -I	0.23	93 C	0.00	0.23
I -F	0.30	958 T	0.09	0.21
F -E	0.28	955 T	0.16	0.12
E -H	0.39	1077 T	0.11	0.28
H -P	0.28	158 T	0.00	0.28
-----Webs-----				
J -K	0.16	1307 C		
K -I	0.21	1145 T		
I -L	0.13	390 C		
L -F	0.01	89 T	1 Br	
F -B	0.02	181 T		
B -E	0.06	107 T		
E -C	0.03	205 T		
E -M	0.03	141 C	1 Br	
H -M	0.10	324 C		
H -O	0.21	1177 T		
P -O	0.12	1063 C	WindLd	

TL Defl -0.08" in A -J L/914
LL Defl -0.03" in A -J L/999
Shear // Grain in C -M 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 4.0x 6.0 Ctr 0.1 0.71
K LOCK 5.0x 7.0-0.2 0.5 0.73
L LOCK 3.0x 7.0 Ctr Ctr 0.41
B LOCK 5.0x 7.0-0.5 Ctr 0.89
C LOCK 5.0x 5.0 Ctr Ctr 0.90
M LOCK 5.0x 7.0 0.2 0.5 0.73
O LOCK 4.0x 6.0 Ctr Ctr 0.72
J LOCK 2.0x 4.0 Ctr Ctr 0.44
I LOCK 5.0x 7.0 Ctr-0.5 0.74
F LOCK 3.0x 7.0 Ctr Ctr 0.43
E LOCK 5.0x 9.0-0.5-0.5 0.74
H LOCK 3.0x 7.0 Ctr Ctr 0.46
P LOCK 2.0x 4.0 Ctr Ctr 0.48

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

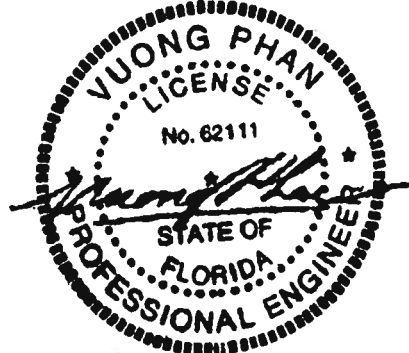
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

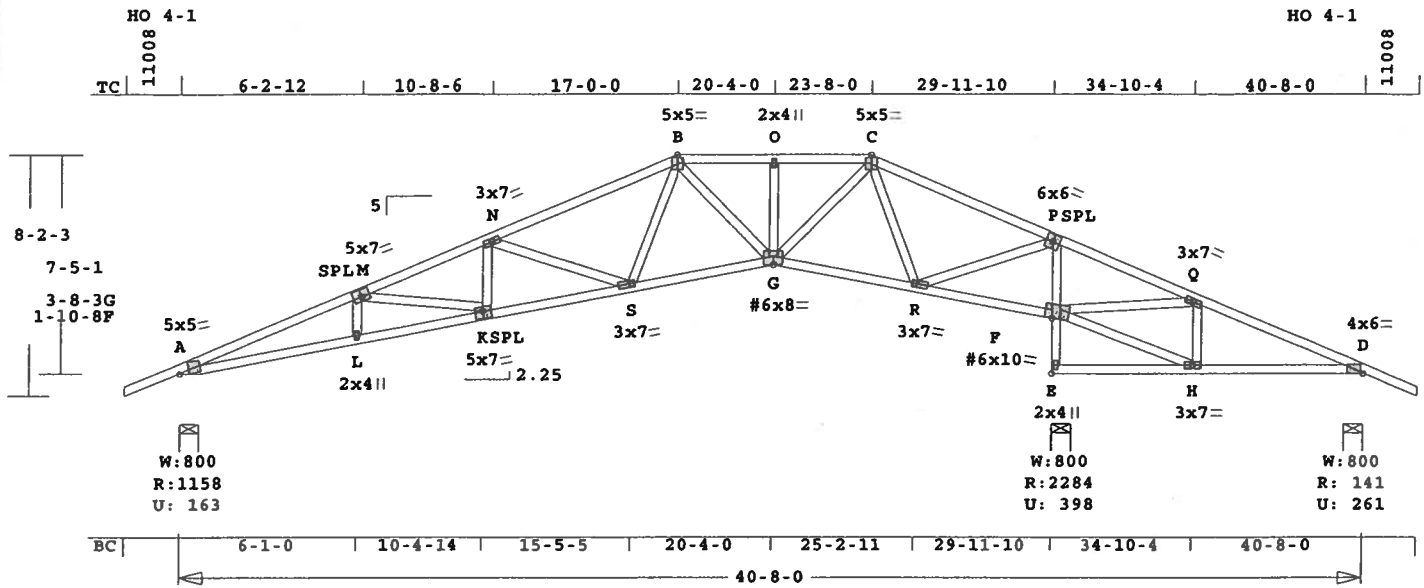
Max comp. force 1307 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A8	1	SP	400800	5	1-10- 8	1-10- 8	T06081354
U# J#WHITT-BRADLEY CHARLES BRADLEY								



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

Scale: 0.152" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 271.1 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI	Size	---Lumber---
TC	0.80	2x 4 SP-#2
BC	0.75	2x 4 SP-#2
CW	0.21	2x 4 SP-#2
WB	0.39	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40- 8- 0
BC Cont.	0- 0- 0	40- 8- 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	1158	163	8- 0	1- 8
			Hz =	-142
E	2284	398	8- 0	2- 9
D	141	262	8- 0	1- 8
			Hz =	142

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -M	0.44	3229	C	0.07	0.37
M -N	0.36	2740	C	0.04	0.32
N -B	0.38	1836	C	0.05	0.33
B -O	0.14	1290	C	0.01	0.13
O -C	0.45	1290	C	0.01	0.44
C -P	0.45	163	C	0.00	0.45
P -Q	0.80	2037	T	0.35	0.45
Q -D	0.36	654	T	0.11	0.25
-----Bottom Chords-----					
A -L	0.75	3006	T	0.50	0.25
L -K	0.65	3019	T	0.50	0.15
K -S	0.50	2586	T	0.43	0.07
S -G	0.40	1511	T	0.25	0.15
G -R	0.22	510	T	0.08	0.14
R -F	0.17	1910	C	0.01	0.16
E -H	0.21	46	C	0.00	0.21
H -D	0.22	594	C	0.00	0.22
-----Chord-Webs-----					

E -F	0.21	2255	C	0.04	0.17
F -P	0.17	1917	C	0.17	0.00

-----Webs-----					
L -M	0.02	146	T		
M -K	0.11	425	C		
K -N	0.04	322	T		
N -S	0.29	898	C		
S -B	0.11	600	T		
B -G	0.07	261	C		
G -O	0.01	79	C		
G -C	0.19	1060	T		
C -R	0.29	1069	C		
R -P	0.39	2123	T		
F -Q	0.39	1286	C		
F -H	0.20	587	C		
H -Q	0.06	410	T		

TL Defl	-0.42"	in L -K	L/836
LL Defl	-0.21"	in L -K	L/999
Hz Disp	LL	DL	TL
Jt E	0.09"	0.09"	0.17"
Shear // Grain	in C -P		0.28

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 2.2 1.1 0.93
M LOCK 5.0x 7.0-0.2 0.5 0.79
N LOCK 3.0x 7.0 Ctr Ctr 0.41
B LOCK 5.0x 5.0 Ctr Ctr 0.97
O LOCK 2.0x 4.0 Ctr Ctr 0.48
C LOCK 5.0x 5.0 Ctr Ctr 0.97
P LOCK 6.0x 6.0 Ctr Ctr 0.87
Q LOCK 3.0x 7.0 Ctr Ctr 0.42
D LOCK 4.0x 6.0 Ctr Ctr 0.1 0.77
L LOCK 2.0x 4.0 Ctr Ctr 0.48
K LOCK 5.0x 7.0 0.1-0.5 0.80
S LOCK 3.0x 7.0 Ctr Ctr 0.44
G# LOCK 6.0x 8.0 Ctr-0.6 0.69
R LOCK 3.0x 7.0 Ctr Ctr 0.63
F# LOCK 6.0x10.0 0.2 1.0 0.70
E LOCK 2.0x 4.0 Ctr Ctr 0.89
H LOCK 3.0x 7.0 Ctr Ctr 0.50

= Plate Monitor used

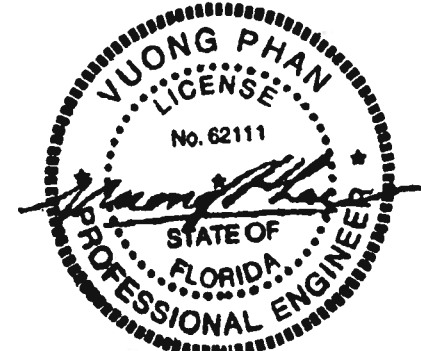
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENGINE. GENERAL

NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

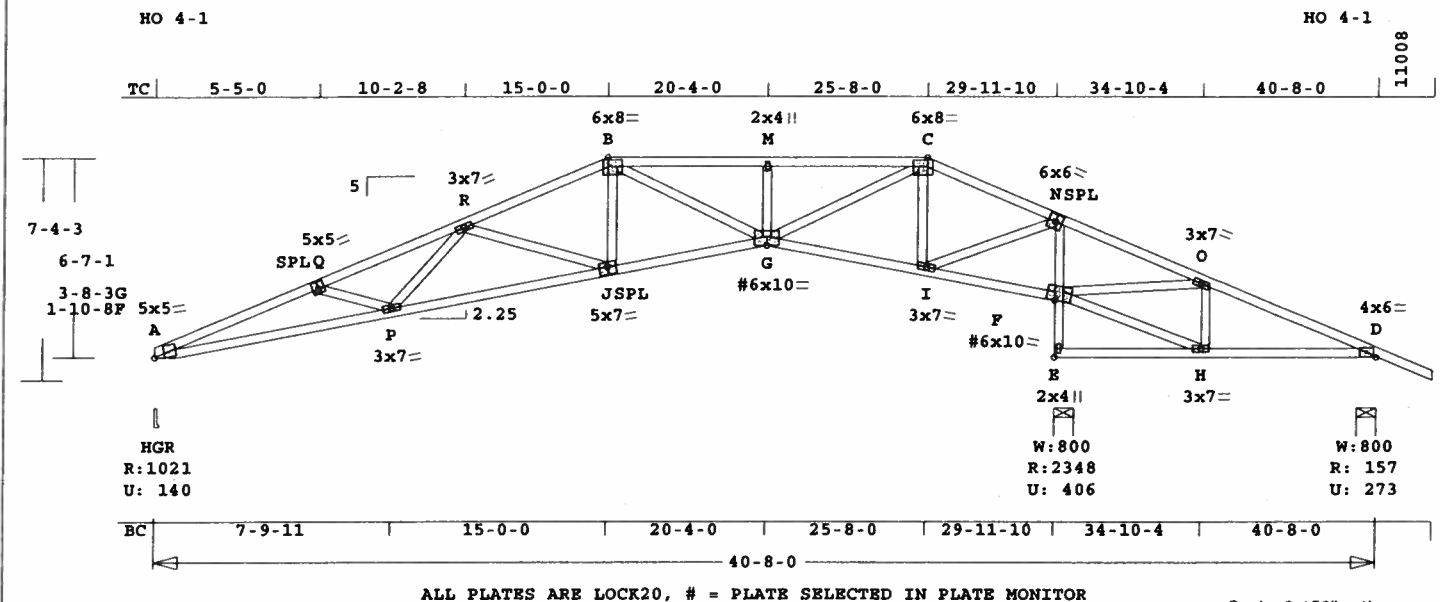
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind 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
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
29-11-10 40- 8- 0
Max comp. force 3229 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A10	1	SP	400800	5	0	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 261.0 LBS

E - F 0.21 2320 C 0.04 0.17
F - N 0.18 1976 C 0.18 0.00

-----Webs-----

Q - P 0.03 288 C
P - R 0.07 483 T
R - J 0.25 735 C
J - B 0.08 486 T
B - G 0.03 95 C
G - M 0.03 300 C
M - C 0.33 1806 T
C - I 0.18 1026 C
I - N 0.40 2213 T
N - O 0.42 1408 C
O - H 0.24 696 C
H - O 0.07 439 T

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ----Lumber----
TC 0.71 2x 4 SP-#2
BC 0.75 2x 4 SP-#2
CW 0.21 2x 4 SP-#2
WB 0.42 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 40- 8- 0
BC Cont. 0- 0- 0 40- 8- 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	1021	140	3- 8	1- 8
			Hz =	-125
E	2349	406	8- 0	2-10
D	158	273	8- 0	1- 8
			Hz =	124

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A - Q	0.46	3243 C	0.07	0.39
Q - R	0.39	2913 C	0.09	0.30
R - B	0.25	1895 C	0.02	0.23
B - M	0.30	1649 C	0.02	0.28
M - C	0.38	1649 C	0.01	0.37
C - N	0.32	57 T	0.00	0.32
N - O	0.71	2271 T	0.39	0.32
O - D	0.42	767 T	0.13	0.29
-----Bottom Chords-----				
A - P	0.75	3019 T	0.50	0.25
P - J	0.59	2495 T	0.41	0.18
J - G	0.53	1768 T	0.29	0.24
G - I	0.23	142 T	0.00	0.23
I - F	0.21	2139 C	0.01	0.20
E - H	0.21	44 C	0.00	0.21
H - D	0.22	696 C	0.00	0.22
-----Chord-Webs-----				

TL Defl -0.53" in P - J L/676
LL Defl -0.25" in P - J L/999
Hz Disp LL DL TL
Jt E 0.09" 0.09" 0.18"
Shear // Grain in A - Q 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 5.0	2.2	1.1	0.94
Q LOCK	5.0x 5.0	0.2	0.5	0.79
R LOCK	3.0x 7.0	0.1	0.5	0.51
B LOCK	6.0x 8.0	0.4	0.93	
M LOCK	2.0x 4.0	0.4	0.93	
C LOCK	6.0x 8.0	0.4	0.93	
N LOCK	6.0x 6.0	0.4	0.87	
O LOCK	3.0x 7.0	0.4	0.42	
D LOCK	4.0x 6.0	0.1	0.77	
P LOCK	3.0x 7.0	0.4	0.48	
J LOCK	5.0x 7.0	0.1	0.5	0.80
G# LOCK	6.0x10.0	0.6	0.69	
I LOCK	3.0x 7.0	0.4	0.72	
F# LOCK	6.0x10.0	0.1	1.0	0.69
E LOCK	2.0x 4.0	0.4	0.92	
H LOCK	3.0x 7.0	0.4	0.50	

= 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

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

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

User-defined wind-exposed BC

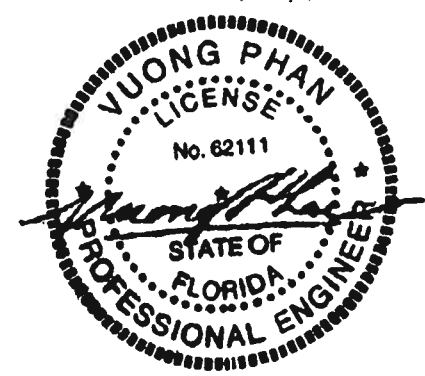
regions --From-- --To--

29-11-10 40- 8- 0

Max comp. force 3243 Lbs

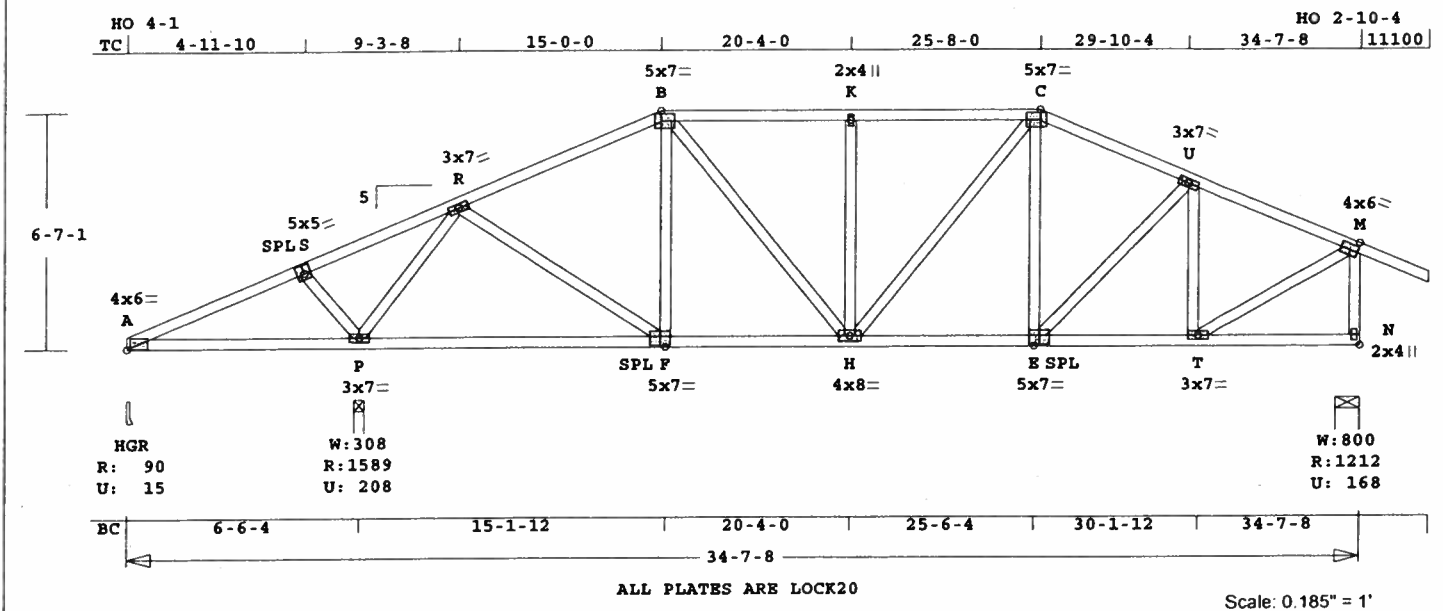
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A11	1	HIPP	340708	5	0	1-11- 0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 261.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

TC	0.33	2x 4	SP-#2
BC	0.42	2x 4	SP-#2
WB	0.43	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 7- 8
BC Cont.	0- 0- 0	34- 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=1.15	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	91	15	3- 8	1- 8
			Hx =	-106
P	1590	208	3- 8	1-11
N	1212	168	8- 0	1- 8
			Hx =	160

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -S	0.27	212 T	0.04	0.23
S -R	0.33	391 T	0.07	0.26
R -B	0.26	1044 C	0.00	0.26
B -K	0.27	1178 C	0.00	0.27
K -C	0.27	1178 C	0.00	0.27
C -U	0.20	1128 C	0.00	0.20
U -M	0.20	998 C	0.00	0.20
-----Bottom Chords-----				
A -P	0.38	184 C	0.00	0.38
P -F	0.42	481 T	0.04	0.38

F -H	0.40	962 T	0.10	0.30
H -E	0.24	1037 T	0.17	0.07
E -T	0.22	930 T	0.15	0.07
T -N	0.11	126 T	0.00	0.11

S -P	0.03	281 C
P -R	0.43	1455 C
R -F	0.10	575 T
F -B	0.08	176 C
B -H	0.06	337 T
H -K	0.16	338 C
H -C	0.04	220 T
E -C	0.01	112 T
E -U	0.02	150 T
T -U	0.11	447 C
T -M	0.19	1077 T
N -M	0.12	1048 C

TL Defl -0.20" in P -F L/999
LL Defl -0.10" in P -F L/999
Shear // Grain in K -C 0.22

Plates for each ply each face.
REPORTING 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	Ctr	0.1 0.71
S LOCK	5.0x 5.0	-0.2 0.5	0.73
R LOCK	3.0x 7.0	Ctr	Ctr 0.49
B LOCK	5.0x 7.0	-0.5 Ctr	0.88
K LOCK	2.0x 4.0	Ctr	Ctr 0.44
C LOCK	5.0x 7.0	0.5 Ctr	0.88
U LOCK	3.0x 7.0	Ctr	Ctr 0.44
M LOCK	4.0x 6.0	Ctr	Ctr 0.72
P LOCK	3.0x 7.0	Ctr	Ctr 0.49
F LOCK	5.0x 7.0	Ctr	-0.5 0.74
H LOCK	4.0x 8.0	Ctr	Ctr 0.42
E LOCK	5.0x 7.0	Ctr	-0.5 0.74
T LOCK	3.0x 7.0	Ctr	Ctr 0.42
N LOCK	2.0x 4.0	Ctr	Ctr 0.48

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

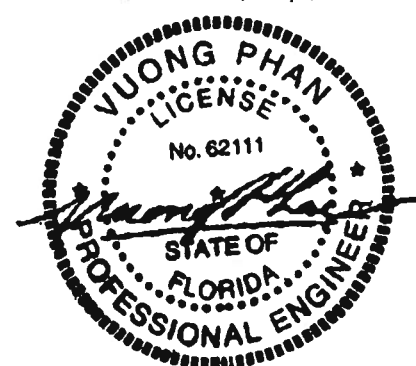
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 1455 Lbs

Quality Control Factor 1.25

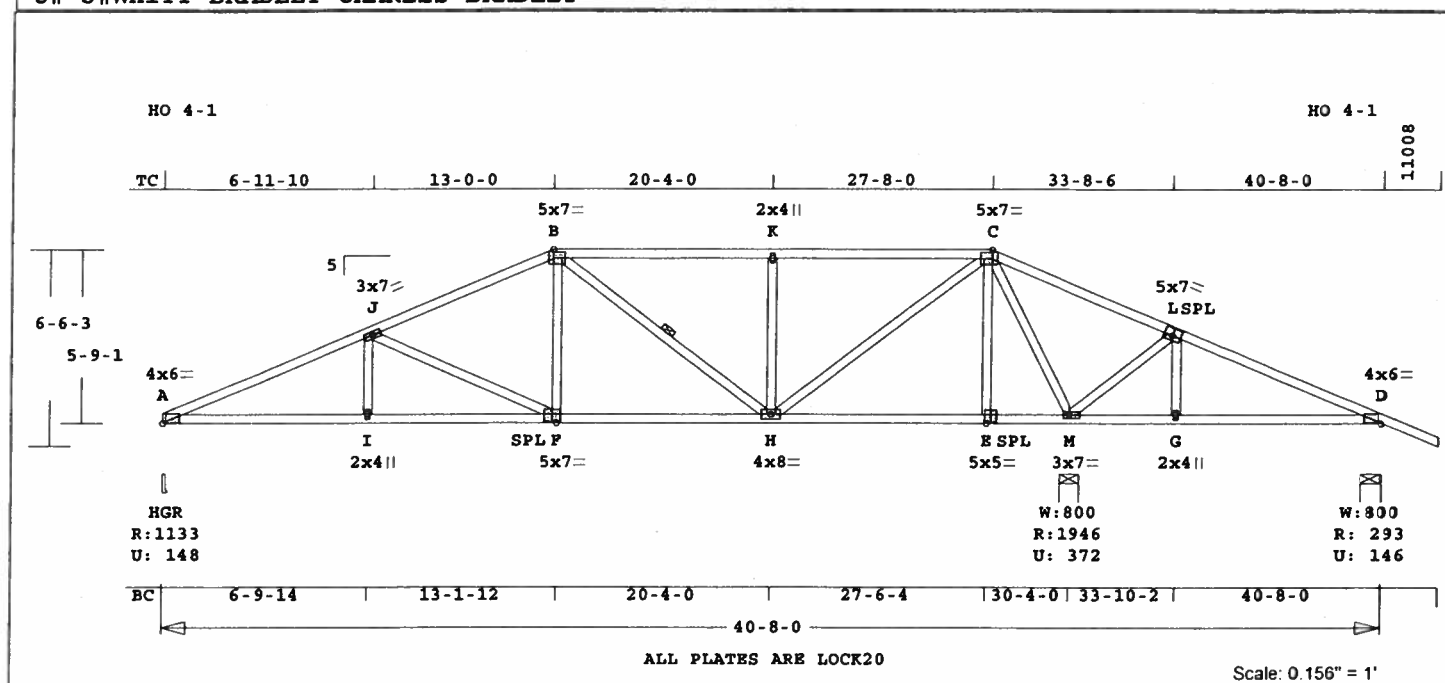
Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



REVIEWED BY:
Robbins Engineering, Inc.

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A12	1	HIPP	400800	5	0	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 265.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ----Lumber----
TC 0.67 2x 4 SP-#2
BC 0.49 2x 4 SP-#2
WB 0.78 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 40- 8- 0
BC Cont. 0- 0- 0 40- 8- 0
WB 1 rows CLB on B -H
Attach CLB with (2)-10d nails
at each web.

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	1133	149	3- 8	1- 8
			Hx =	-106
M	1946	372	8- 0	2- 3
D	294	146	8- 0	1- 8
			Hx =	106

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -J	0.40	2236	C	0.07	0.33
J -B	0.34	1595	C	0.01	0.33
B -K	0.49	1225	C	0.01	0.48
K -C	0.57	1225	C	0.01	0.56
C -L	0.67	643	T	0.09	0.58
L -D	0.61	146	T	0.03	0.58
-----Bottom Chords-----					
A -I	0.49	2068	T	0.34	0.15

I -F	0.46	2068	T	0.34	0.12
F -H	0.44	1464	T	0.15	0.29
H -E	0.30	167	T	0.01	0.29
E -M	0.20	167	T	0.01	0.19
M -G	0.22	117	C	0.00	0.22
G -D	0.22	117	C	0.00	0.22
-----Webs-----					
I -J	0.03	259	T		
J -F	0.38	655	C		
F -B	0.07	465	T		
B -H	0.08	297	C		
H -K	0.16	446	C		
H -C	0.24	1311	T		
E -C	0.03	227	T		
C -M	0.78	1686	C		
M -L	0.17	672	C		
G -L	0.03	251	T		

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 0.1 0.77
J LOCK 3.0x 7.0 Ctr Ctr 0.41
B LOCK 5.0x 7.0-0.5 Ctr 0.96
K LOCK 2.0x 4.0 Ctr Ctr 0.48
C LOCK 5.0x 7.0 0.5 Ctr 0.96
L LOCK 5.0x 7.0 0.2 0.5 0.79
D LOCK 4.0x 6.0 Ctr 0.1 0.77
I LOCK 2.0x 4.0 Ctr Ctr 0.48
F LOCK 5.0x 7.0 Ctr-0.5 0.80
H LOCK 4.0x 8.0 Ctr Ctr 0.53
E LOCK 5.0x 5.0 Ctr-0.5 0.80
M LOCK 3.0x 7.0 0.8 Ctr 0.62
G LOCK 2.0x 4.0 Ctr Ctr 0.48

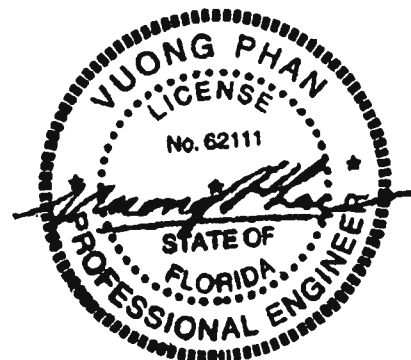
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

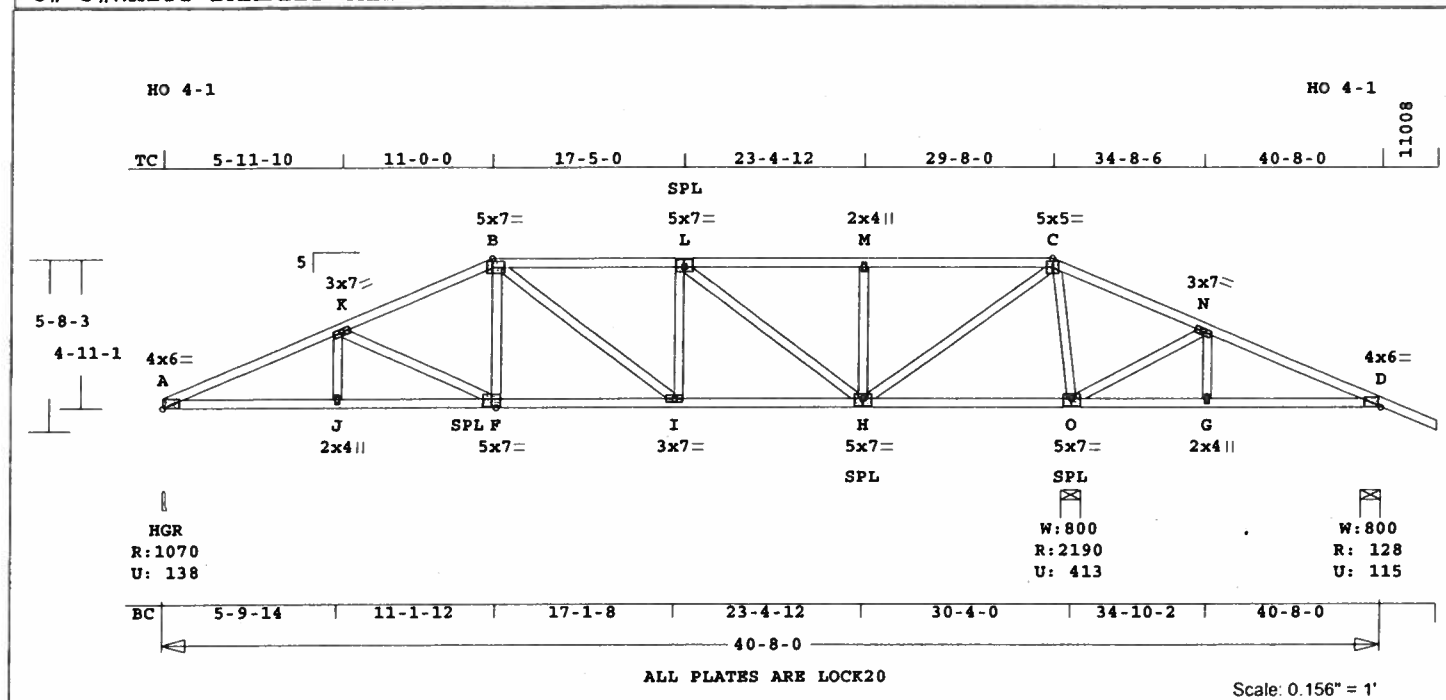
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
30- 4- 0 40- 8- 0
Max comp. force 2236 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A14	1	HIPP	400800	5	0	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 263.7 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ---Lumber---
TC 0.59 2x 4 SP-#2
BC 0.43 2x 4 SP-#2
WB 0.67 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40- 8- 0
BC Cont.	0- 0- 0	40- 8- 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	1071	138	3- 8	1- 8
			Hz =	-90
O	2191	413	8- 0	2- 8
D	129	116	8- 0	1- 8
			Hz =	90

Membr	CSI	P	Lbs	Axl	CSI-Bnd
---Top Chords---					
A -K	0.26	2139	C	0.05	0.21
K -B	0.24	1626	C	0.01	0.23
B -L	0.40	1442	C	0.01	0.39
L -M	0.39	695	C	0.00	0.39
M -C	0.42	695	C	0.00	0.42
C -N	0.59	1077	T	0.17	0.42
N -D	0.51	500	T	0.09	0.42
---Bottom Chords---					
A -J	0.43	1976	T	0.33	0.10
J -F	0.42	1976	T	0.33	0.09
F -I	0.35	1494	T	0.25	0.10
I -H	0.37	1442	T	0.15	0.22

H -O	0.22	791	C	0.00	0.22
O -G	0.21	444	C	0.00	0.21
G -D	0.18	444	C	0.00	0.18
-----Webs-----					
J -K	0.03	210	T		
K -F	0.21	521	C		
F -B	0.06	391	T		
B -I	0.04	67	C		
I -L	0.04	278	T		
L -H	0.67	936	C		
H -M	0.09	347	C		
H -C	0.33	1815	T		
C -O	0.49	1778	C		
O -N	0.21	650	C		
G -N	0.03	209	T		

TL Defl -0.20" in F -I L/999
LL Defl -0.09" in F -I L/999
Shear // Grain in B -L 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	4.0x 6.0	Ctr 0.1 0.77
K	LOCK	3.0x 7.0	Ctr Ctr 0.41
B	LOCK	5.0x 7.0	0.5 Ctr 0.96
L	LOCK	5.0x 7.0	Ctr 0.5 0.80
M	LOCK	2.0x 4.0	Ctr Ctr 0.48
C	LOCK	5.0x 5.0	Ctr Ctr 0.97
N	LOCK	3.0x 7.0	Ctr Ctr 0.41
D	LOCK	4.0x 6.0	Ctr 0.1 0.77
J	LOCK	2.0x 4.0	Ctr Ctr 0.48
F	LOCK	5.0x 7.0	Ctr 0.5 0.80
I	LOCK	3.0x 7.0	Ctr Ctr 0.45
H	LOCK	5.0x 7.0	Ctr 0.5 0.94
O	LOCK	5.0x 7.0	Ctr 0.5 0.80
G	LOCK	2.0x 4.0	Ctr Ctr 0.48

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.

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

User-defined wind-exposed BC

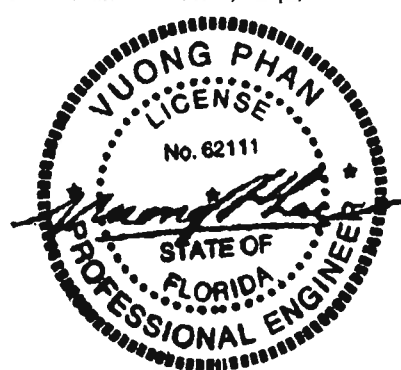
regions --From-- --To--

30- 4- 0 40- 8- 0

Max comp. force 2139 Lbs

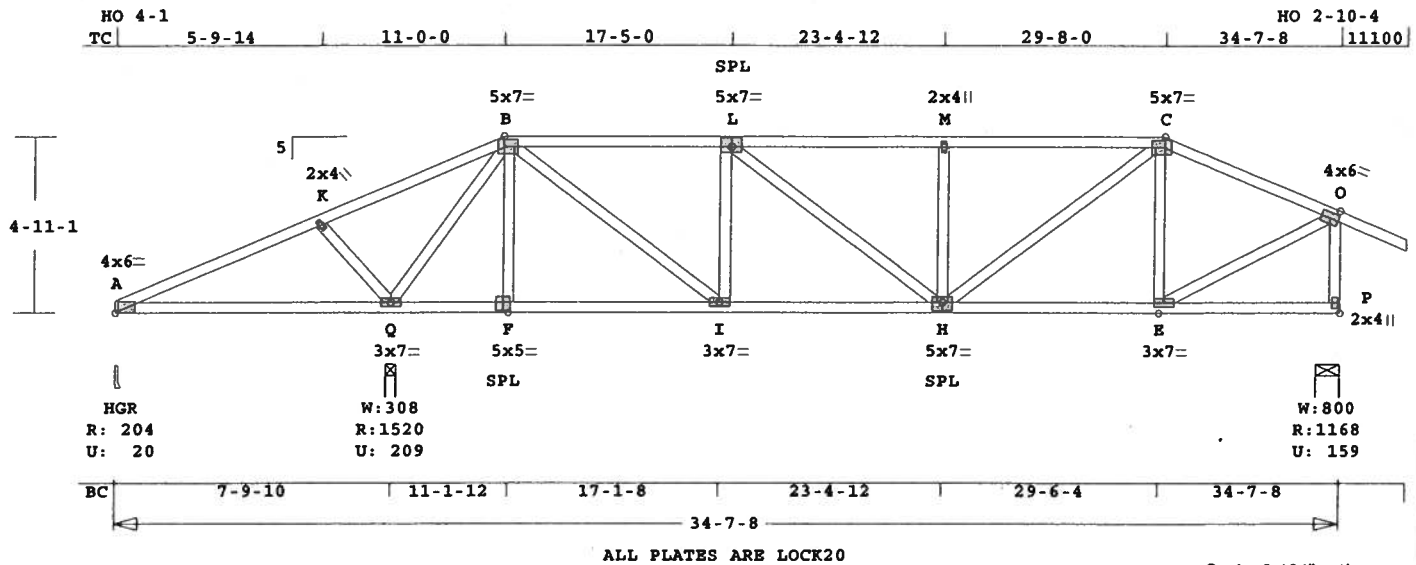
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A15	1	HIPP	340708	5	0	1-11- 0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 241.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

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

TC	0.48	2x 4	SP-#2
BC	0.34	2x 4	SP-#2
WB	0.52	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 7- 8
BC Cont.	0- 0- 0	34- 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=1.15	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	204	21	3- 8	1- 8
			Hz =	-74
Q	1520	210	3- 8	1-10
P	1168	160	8- 0	1- 8
			Hz =	128

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -K	0.45	65	T	0.00	0.45
K -B	0.48	249	T	0.03	0.45
B -L	0.44	1329	C	0.01	0.43
L -M	0.36	1466	C	0.01	0.35
M -C	0.36	1466	C	0.01	0.35
C -O	0.27	991	C	0.01	0.26
-----Bottom Chords-----					
A -Q	0.28	77	T	0.00	0.28
Q -F	0.33	533	T	0.05	0.28
F -I	0.25	533	T	0.05	0.20

I -H	0.34	1329	T	0.14	0.20
H -E	0.28	928	T	0.09	0.19
E -P	0.19	94	T	0.00	0.19
-----Webs-----					
K -Q	0.06	420	C		
Q -B	0.52	1310	C		
F -B	0.02	143	T		
B -I	0.18	982	T		
I -L	0.12	446	C		
L -H	0.03	170	T		
H -M	0.10	381	C		
H -C	0.12	669	T		
E -C	0.09	360	C		
E -O	0.19	1040	T		
P -O	0.12	1004	C	WindLd	

TL Defl -0.14" in A -Q L/644
LL Defl -0.06" in A -Q L/999
Shear // Grain in K -B 0.26

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

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.71
K	LOCK	2.0x 4.0	Ctr	0.44	
B	LOCK	5.0x 7.0	0.5	Ctr	0.88
L	LOCK	5.0x 7.0	Ctr	0.5	0.74
M	LOCK	2.0x 4.0	Ctr	Ctr	0.44
C	LOCK	5.0x 7.0	0.5	Ctr	0.88
O	LOCK	4.0x 6.0	Ctr	Ctr	0.72
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.48
F	LOCK	5.0x 5.0	Ctr	0.5	0.74
I	LOCK	3.0x 7.0	Ctr	Ctr	0.43
H	LOCK	5.0x 7.0	Ctr	0.5	0.74
E	LOCK	3.0x 7.0	Ctr	Ctr	0.43
P	LOCK	2.0x 4.0	Ctr	Ctr	0.48

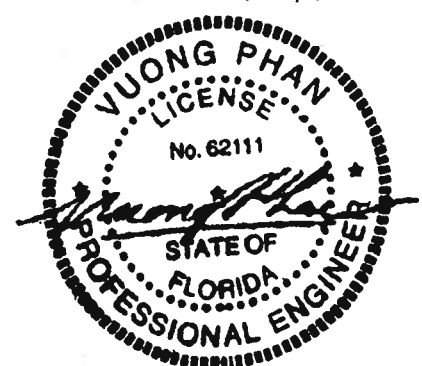
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

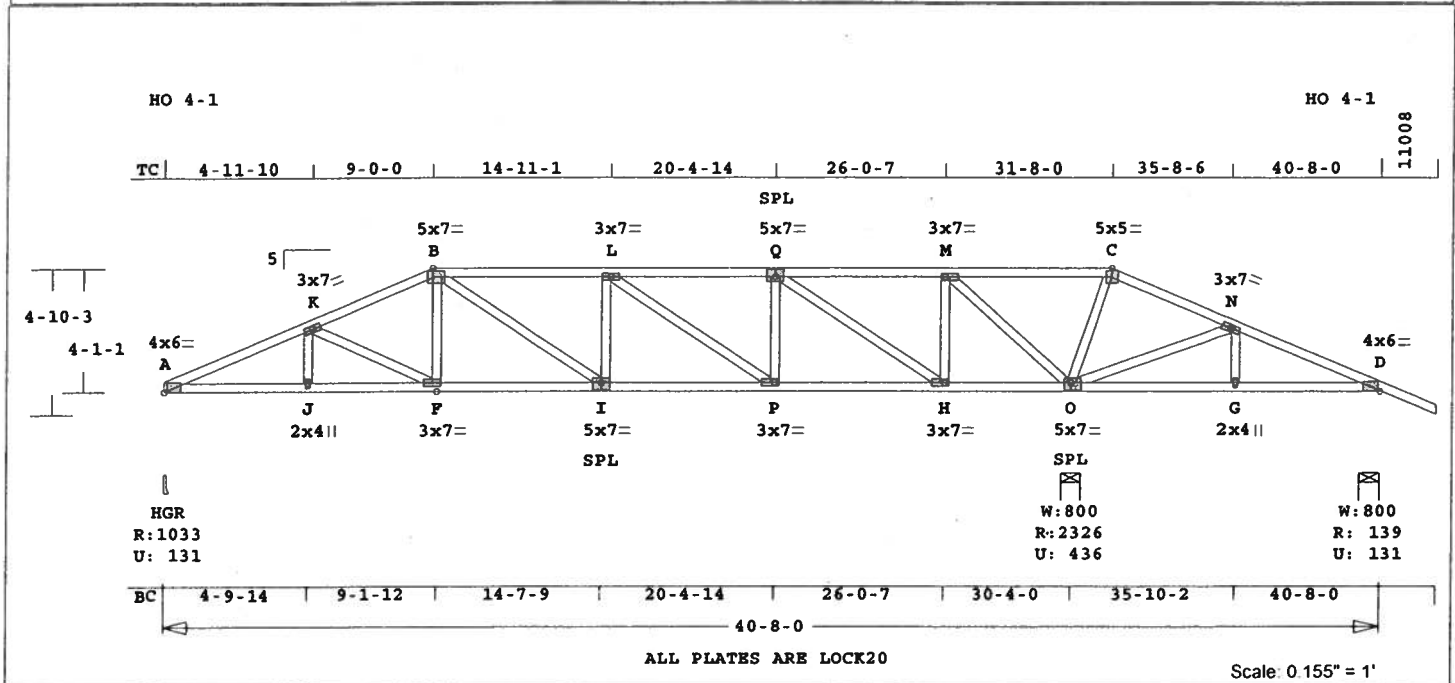
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 1466 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A16	1	HIPP	400800	5	0	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 266.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ---Lumber---
TC 0.57 2x 4 SP-#2
BC 0.39 2x 4 SP-#2
WB 0.81 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40- 8- 0
BC Cont.	0- 0- 0	40- 8- 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	1034	132	3- 8	1- 8
			Hz =	-73
O	2327	437	8- 0	2-10
D	140	132	8- 0	1- 8
			Hz =	73

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -K	0.18	2094 C	0.04	0.14
K -B	0.20	1725 C	0.01	0.19
B -L	0.32	1741 C	0.01	0.31
L -Q	0.31	1178 C	0.00	0.31
Q -M	0.33	44 T	0.00	0.33
M -C	0.57	1440 T	0.24	0.33
C -N	0.45	1266 T	0.20	0.25
N -D	0.36	658 T	0.11	0.25
-----Bottom Chords-----				
A -J	0.39	1930 T	0.32	0.07
J -F	0.39	1930 T	0.32	0.07
F -I	0.34	1590 T	0.26	0.08
I -P	0.38	1741 T	0.29	0.09
P -H	0.28	1178 T	0.19	0.09

H -O	0.15	99 T	0.00	0.15
O -G	0.18	593 C	0.00	0.18
G -D	0.18	593 C	0.00	0.18

-----Webs-----				
J -K	0.02	156 T		
K -F	0.10	368 C		
F -B	0.04	320 T		
B -I	0.03	181 T		
I -L	0.02	158 T		
L -P	0.37	679 C		
P -Q	0.09	515 T		
Q -H	0.81	1463 C		
H -M	0.16	909 T		
M -O	0.74	1895 C		
O -C	0.17	785 C		
O -N	0.26	624 C		
G -N	0.03	234 T		

TL Defl -0.21" in F -I L/999
LL Defl -0.10" in F -I L/999
Shear // Grain in B -L 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	4.0x 6.0 Ctr 0.1 0.77
K LOCK	3.0x 7.0 Ctr Ctr 0.41
B LOCK	5.0x 7.0-0.5 Ctr 0.96
L LOCK	3.0x 7.0 Ctr Ctr 0.44
Q LOCK	5.0x 7.0 Ctr 0.5 0.80
M LOCK	3.0x 7.0 Ctr Ctr 0.59
C LOCK	5.0x 5.0 Ctr Ctr 0.97
N LOCK	3.0x 7.0 Ctr Ctr 0.41
D LOCK	4.0x 6.0 Ctr 0.1 0.77
J LOCK	2.0x 4.0 Ctr Ctr 0.48
F LOCK	3.0x 7.0 Ctr Ctr 0.47
I LOCK	5.0x 7.0 Ctr-0.5 0.80
P LOCK	3.0x 7.0 Ctr Ctr 0.44
H LOCK	3.0x 7.0 Ctr Ctr 0.44
O LOCK	5.0x 7.0 0.5-0.5 0.98
G LOCK	2.0x 4.0 Ctr Ctr 0.48

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.

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

User-defined wind-exposed BC

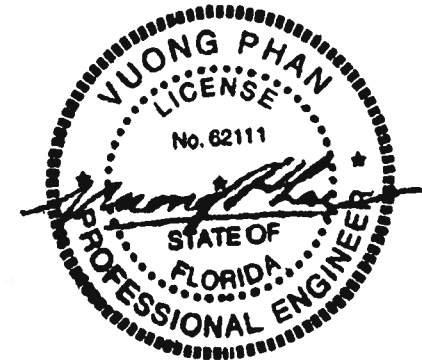
regions --From-- --To--

30- 4- 0 40- 8- 0

Max comp. force 2094 Lbs

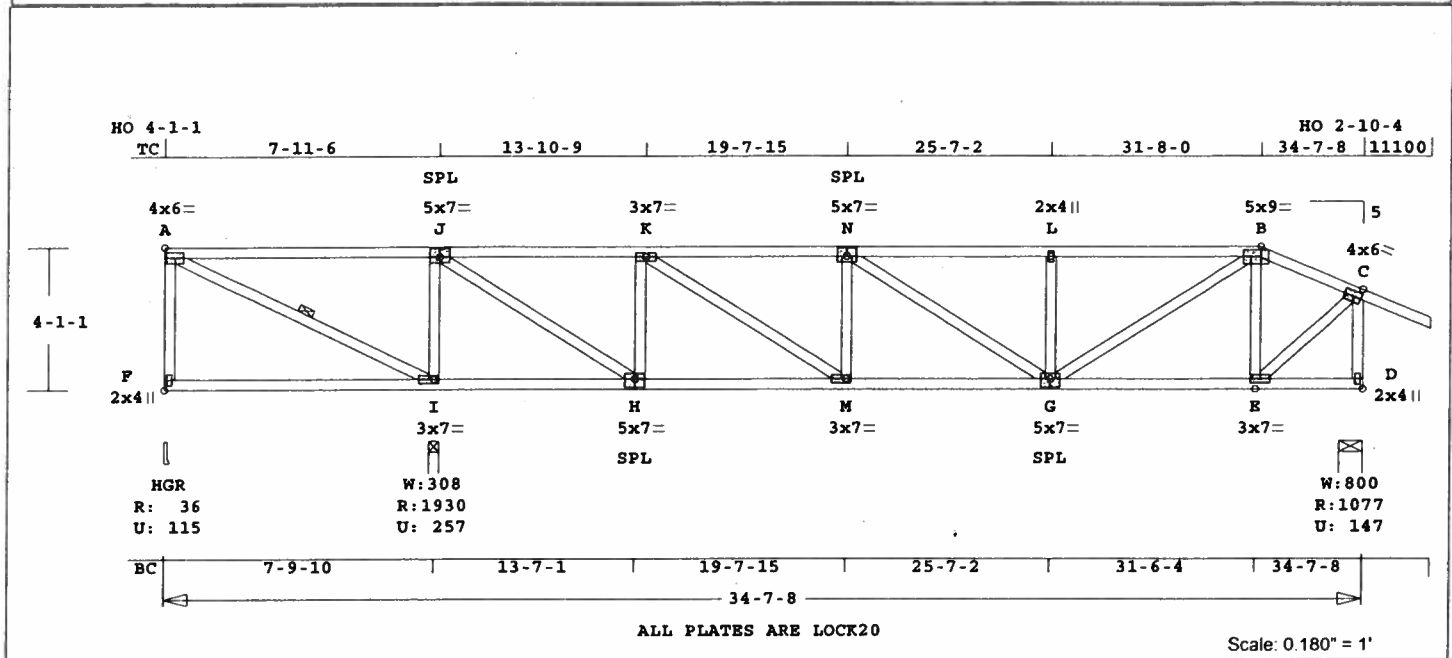
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A17	1	HHIP	340708	5	0	1-11- 0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 252.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ----Lumber----
TC 0.74 2x 4 SP-#2
BC 0.36 2x 4 SP-#2
WB 0.30 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 34- 7- 8
BC Cont. 0- 0- 0 34- 7- 8
WB 1 rows CLB on A -I
Attach CLB with (2)-10d nails
at each web.

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
F	36	115	G 3- 8	1- 8
			Hz =	-120
I	1931	258	3- 8	2- 1
D	1077	147	8- 0	1- 8
			Hz =	96

G = Gravity Uplift

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -J	0.74	748 T	0.12	0.62
J -K	0.62	659 C	0.00	0.62
K -N	0.33	1427 C	0.01	0.32
N -L	0.33	1432 C	0.01	0.32
L -B	0.32	1432 C	0.01	0.31
B -C	0.08	708 C	0.00	0.08
-----Bottom Chords-----				
F -I	0.36	92 T	0.00	0.36

I -H	0.36	748 C	0.00	0.36
H -M	0.24	659 T	0.06	0.18
M -G	0.33	1427 T	0.23	0.10
G -E	0.25	670 T	0.07	0.18
E -D	0.14	61 T	0.00	0.14
-----Webs-----				
F -A	0.03	218 T	WindLd	
A -I	0.20	836 C		1 Br
I -J	0.26	1391 C		
J -H	0.30	1672 T		
H -K	0.15	801 C		
K -M	0.16	911 T		
M -N	0.07	368 C		
N -G	0.00	16 T		
G -L	0.06	360 C		
G -B	0.16	898 T		
E -B	0.09	476 C		
E -C	0.16	875 T		
D -C	0.11	937 C	WindLd	

TL Defl -0.19" in F -I L/461
LL Defl -0.10" in F -I L/915
Shear // Grain in A -J 0.35

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 0.72
J LOCK	5.0x 7.0 Ctr Ctr 0.5 0.74
K LOCK	3.0x 7.0 Ctr Ctr 0.42
N LOCK	5.0x 7.0 Ctr Ctr 0.5 0.74
L LOCK	2.0x 4.0 Ctr Ctr 0.44
B LOCK	5.0x 9.0 Ctr-0.1 0.94
C LOCK	4.0x 6.0 Ctr Ctr 0.72
F LOCK	2.0x 4.0 Ctr Ctr 0.48
I LOCK	3.0x 7.0 Ctr Ctr 0.44
H LOCK	5.0x 7.0 Ctr-0.5 0.74
M LOCK	3.0x 7.0 Ctr Ctr 0.42
G LOCK	5.0x 7.0 Ctr-0.5 0.74
E LOCK	3.0x 7.0 Ctr Ctr 0.44
D LOCK	2.0x 4.0 Ctr Ctr 0.48

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

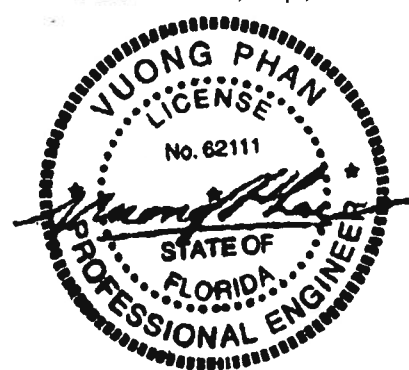
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 1432 Lbs

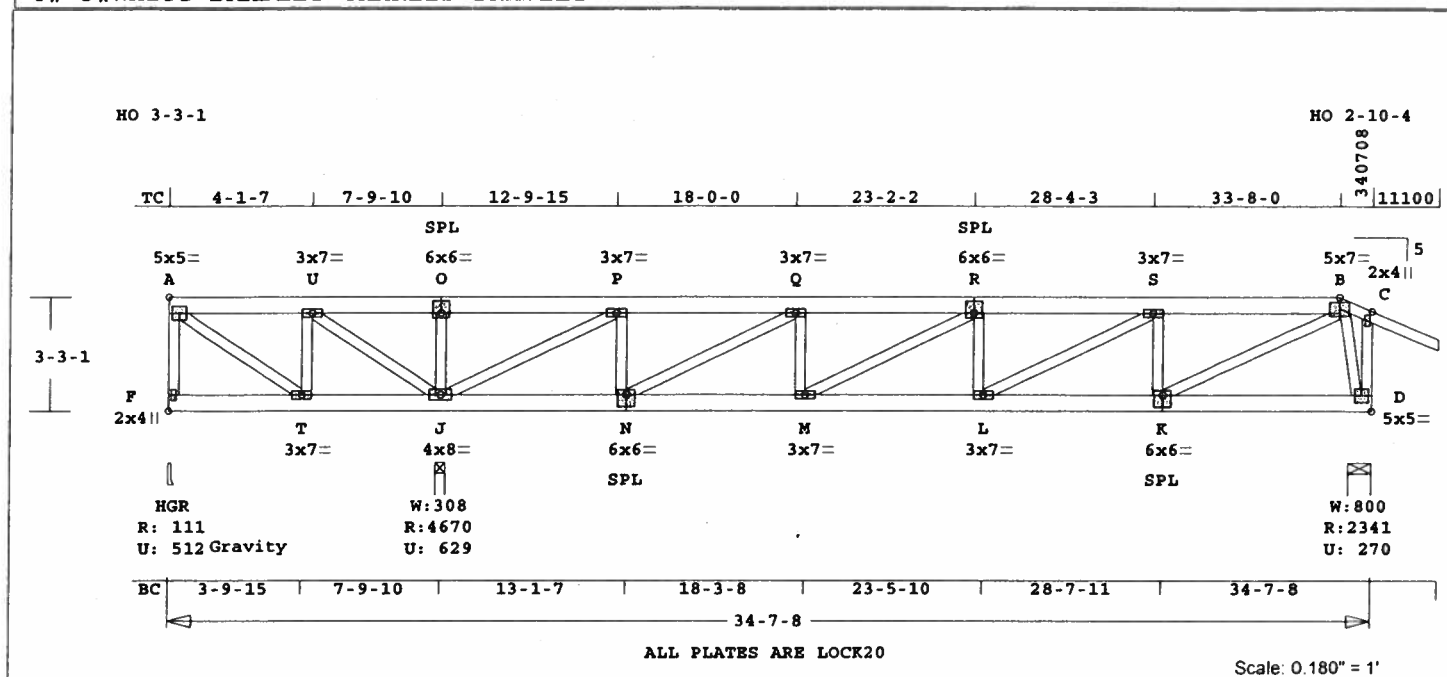
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A18	1*2P	HHIP	340708	5	0	1-11- 0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 306.9 LBS

Online Plus -- Version 19.0.034
 RUN DATE: 11-AUG-06

 * 2-Ply Truss *

CSI -Size- ----Lumber----
 TC 0.42 2x 6 SP-#2
 EX B -C 2x 4 SP-#2
 BC 0.34 2x 6 SP-#2
 WB 0.31 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 34- 7- 8
 BC Cont. 0- 0- 0 34- 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 90 45 0.0' 34.6'
 BC V 0 45 0.0' 34.6'

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
 F 111 512G 3- 8 1- 8
 Hz = -92
 J 4670 629 3- 8 2- 8
 D 2341 271 8- 0 1- 8
 Hz = 82

G = Gravity Uplift

Membr CSI P Lbs Axl-Csi-Bnd
 -----Top Chords-----
 A -U 0.15 1151 T 0.07 0.08
 U -O 0.42 3088 T 0.20 0.22
 O -P 0.42 3088 T 0.20 0.22
 P -Q 0.12 961 C 0.00 0.12
 Q -R 0.12 3473 C 0.01 0.11
 R -S 0.14 4252 C 0.01 0.13
 S -B 0.18 3305 C 0.01 0.17
 B -C 0.26 152 C 0.00 0.26
 -----Bottom Chords-----
 F -T 0.05 72 T 0.00 0.05
 T -J 0.16 1151 C 0.00 0.16
 J -N 0.22 961 T 0.06 0.16

N -M 0.29 3472 T 0.23 0.06
 M -L 0.34 4251 T 0.28 0.06
 L -K 0.28 3305 T 0.22 0.06
 K -D 0.13 445 T 0.01 0.12
 -----Webs-----
 F -A 0.05 602 T WindLd
 A -T 0.08 1425 C
 T -U 0.08 935 T
 U -J 0.13 2398 C
 J -O 0.03 722 C
 J -P 0.31 4604 C
 N -P 0.14 1526 T
 N -Q 0.19 2854 C
 M -Q 0.06 788 T
 M -R 0.06 885 C
 L -R 0.01 293 C
 L -S 0.09 1075 T
 K -S 0.05 1150 C
 K -B 0.29 3193 T
 B -D 0.07 1547 C
 D -C 0.02 461 C WindLd

TL Defl -0.17" in M -L L/999
 LL Defl -0.08" in M -L L/999
 Shear // Grain in B -C 0.26

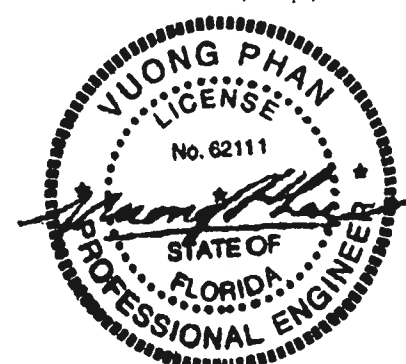
Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 5.0x 5.0 Ctr Ctr 0.74
 U LOCK 3.0x 7.0 Ctr Ctr 0.42
 O LOCK 6.0x 6.0 Ctr Ctr 0.59
 P LOCK 3.0x 7.0 Ctr Ctr 0.71
 Q LOCK 3.0x 7.0 Ctr Ctr 0.44
 R LOCK 6.0x 6.0 Ctr Ctr 1.2 0.59
 S LOCK 3.0x 7.0 Ctr Ctr 0.44
 B LOCK 5.0x 7.0 Ctr-0.2 0.83
 C LOCK 2.0x 4.0 Ctr Ctr 0.48
 F LOCK 2.0x 4.0 Ctr Ctr 0.79
 T LOCK 3.0x 7.0 Ctr Ctr 0.42
 J LOCK 4.0x 8.0 Ctr Ctr 0.83
 N LOCK 6.0x 6.0 Ctr-1.2 0.59
 M LOCK 3.0x 7.0 Ctr Ctr 0.44
 L LOCK 3.0x 7.0 Ctr Ctr 0.44
 K LOCK 6.0x 6.0 Ctr-1.2 0.59
 D LOCK 5.0x 5.0 Ctr Ctr 0.74

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 TC and BC
 Span 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
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-
 concurrent LL on BC.
 Prevent truss rotation at all
 bearing locations.
 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 4604 Lbs

Truss Design Engineer: Vuong Phan
 License #: 62111
 Address: P.O. Box 280055, Tampa, FL 33682

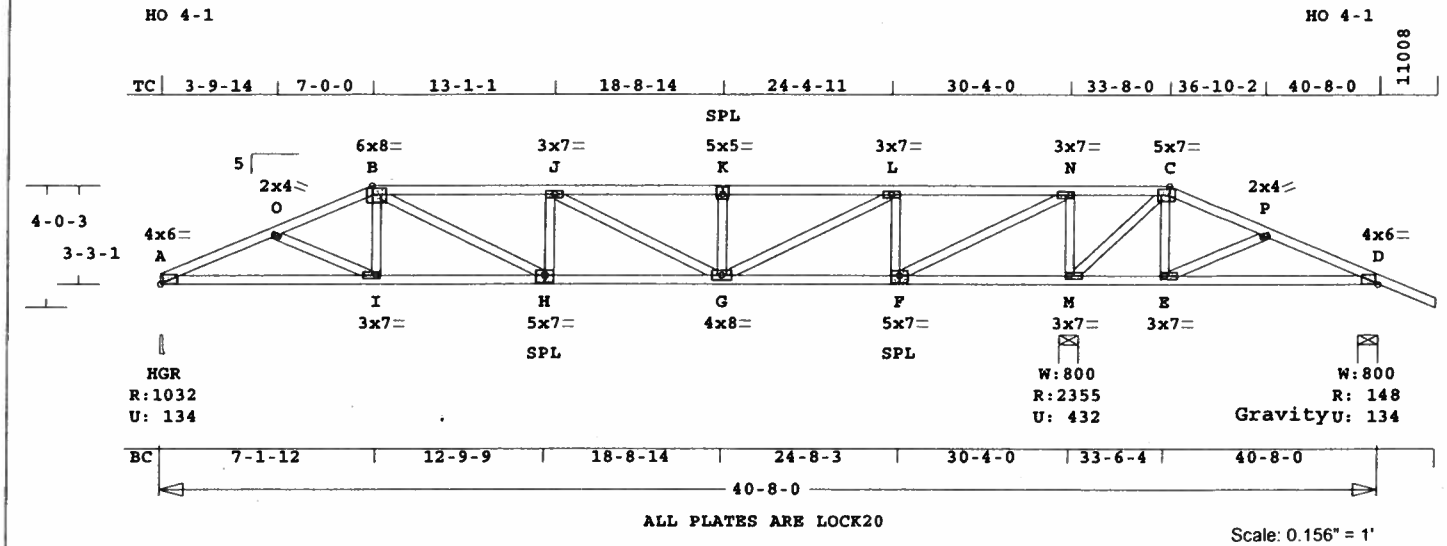


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A18	1*2P	HHIP	340708	5	0	1-11- 0	T06081354
U# J#WHITT-BRADLEY CHARLES BRADLEY								

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A19	1	SP	400800	5	0	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 257.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ---Lumber---
TC 0.61 2x 4 SP-#2
BC 0.46 2x 4 SP-#2
WB 0.46 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40- 8- 0
BC Cont.	0- 0- 0	40- 8- 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	1032	134	3- 8	1- 8
			Hz =	-56
M	2356	432	8- 0	2-10
D	149	135G	8- 0	1- 8
			Hz =	56

G = Gravity Uplift

Membr	CSI	P Lbs	Axl	CSI-Bnd
---Top Chords---				
A -O	0.13	2108 C	0.03	0.10
O -B	0.19	1917 C	0.02	0.17
B -J	0.34	2268 C	0.03	0.31
J -K	0.33	1801 C	0.02	0.31
K -L	0.31	1801 C	0.02	0.29
L -N	0.31	440 C	0.00	0.31
N -C	0.61	1822 T	0.30	0.31
C -P	0.37	1026 T	0.16	0.21
P -D	0.33	691 T	0.12	0.21
---Bottom Chords---				
A -I	0.42	1938 T	0.32	0.10
I -H	0.38	1774 T	0.29	0.09
H -G	0.46	2268 T	0.38	0.08
G -F	0.21	440 T	0.04	0.17

F	M	0.17	1822 C	0.00	0.17
M	-E	0.20	970 C	0.00	0.20
E	-D	0.20	611 C	0.00	0.20

O	-I	0.03	171 C
I	-B	0.04	280 T
B	-H	0.10	551 T
H	-J	0.01	129 C
J	-G	0.26	524 C
G	-K	0.04	341 C
G	-L	0.28	1528 T
F	-L	0.14	1044 C
F	-N	0.46	2541 T
M	-N	0.20	1491 C
M	-C	0.26	1148 C
E	-C	0.04	297 T
E	-P	0.07	381 C

TL Defl -0.29" in H -G L/999
LL Defl -0.14" in H -G L/999
Shear // Grain in B -J 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	4.0x	6.0	Ctr	0.1 0.77
O LOCK	2.0x	4.0	Ctr	Ctr 0.48
B LOCK	6.0x	8.0	Ctr	-0.4 0.93
J LOCK	3.0x	7.0	Ctr	Ctr 0.46
K LOCK	5.0x	5.0	Ctr	0.5 0.80
L LOCK	3.0x	7.0	Ctr	Ctr 0.51
N LOCK	3.0x	7.0	Ctr	Ctr 0.84
C LOCK	5.0x	7.0	0.5	Ctr 0.96
P LOCK	2.0x	4.0	Ctr	Ctr 0.48
D LOCK	4.0x	6.0	Ctr	0.1 0.77
I LOCK	3.0x	7.0	Ctr	Ctr 0.48
H LOCK	5.0x	7.0	Ctr	-0.5 0.80
G LOCK	4.0x	8.0	Ctr	Ctr 0.59
F LOCK	5.0x	7.0	Ctr	-0.5 0.80
M LOCK	3.0x	7.0	Ctr	Ctr 0.46
E LOCK	3.0x	7.0	Ctr	Ctr 0.48

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.

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

User-defined wind-exposed BC

regions	--From--	--To---
	30- 4- 0	40- 8- 0

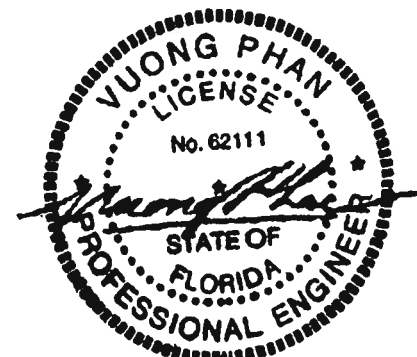
Max comp. force 2268 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

License #: 62111

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

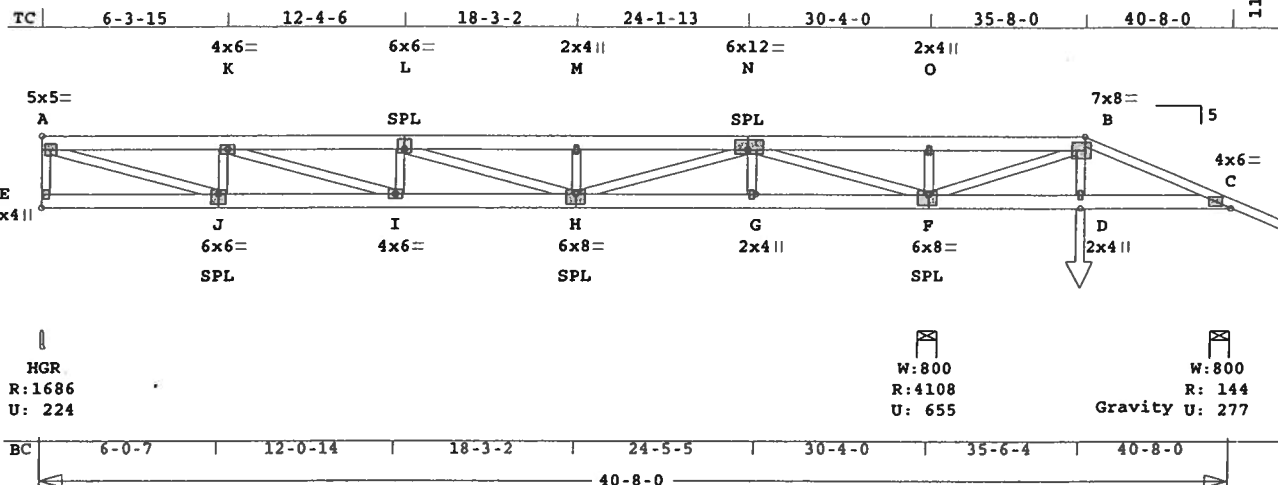


Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A20	1*2P	HHIP	400800	5	0	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY

HO 2-5-1

HO 4-1



ALL PLATES ARE LOCK20

Scale: 0.152" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 316.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

* 2-Ply Truss *

CSI -Size- ----Lumber-----
TC 0.67 2x 6 SP-#2
EX B -C 2x 4 SP-#2
BC 0.48 2x 6 SP-#2
WB 0.43 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 40- 8- 0
BC Cont. 0- 0- 0 40- 8- 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' 40.7'
BC V 0 20 0.0' 40.7'
TC V 30 15 1.0' 35.7'
BC V -40 -20 0.0' 1.0'
BC V 0 15 1.0' 35.5'
BC V 0 -20 0.0' 1.0'
BC V 133 133 35.5' 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 1686 225 3- 8 1- 8
Hz = -65
F 4109 656 8- 0 2- 5
C 145 277 8- 0 1- 8
Hz = 25

G = Gravity Uplift

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -K 0.19 4343 C 0.01 0.18
K -L 0.18 5932 C 0.03 0.15
L -M 0.18 5031 C 0.02 0.16
M -N 0.18 5031 C 0.02 0.16
N -O 0.67 4054 T 0.27 0.40
O -B 0.67 4054 T 0.27 0.40
B -C 0.27 1248 T 0.11 0.16

-----Bottom Chords-----
E -J 0.09 51 T 0.00 0.09
J -I 0.38 4343 T 0.29 0.09
I -H 0.48 5932 T 0.39 0.09
H -G 0.18 1447 T 0.09 0.09
G -F 0.37 1447 T 0.09 0.28
F -D 0.28 1154 C 0.00 0.28
D -C 0.08 1134 C 0.00 0.08

-----Webs-----
E -A 0.07 1606 C WindLd
A -J 0.42 4567 T
J -K 0.05 1199 C
K -I 0.15 1671 T
I -L 0.01 318 C
L -H 0.07 948 C
H -M 0.03 648 C
M -N 0.34 3768 T
N -G 0.02 343 T
G -F 0.43 5786 C
F -O 0.04 904 C
O -B 0.19 3062 C
B -D 0.02 349 T

TL Defl -0.37" in I -H L/959
LD Defl -0.18" in I -H L/999
Shear // Grain in O -B 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 5.0 Ctr Ctr 0.86
K LOCK 4.0x 6.0 Ctr Ctr 0.53
L LOCK 6.0x 6.0 Ctr 1.2 0.64
M LOCK 2.0x 4.0 Ctr Ctr 0.48
N LOCK 6.0x12.0 0.5 1.2 0.90
O LOCK 2.0x 4.0 Ctr Ctr 0.48
B LOCK 7.0x 8.0 0.5 Ctr 0.88
C LOCK 4.0x 6.0 Ctr Ctr 0.83
E LOCK 3.0x 4.0 Ctr Ctr 0.92
J LOCK 6.0x 6.0 Ctr-1.2 0.73
I LOCK 4.0x 6.0 Ctr Ctr 0.53
H LOCK 6.0x 8.0 Ctr-1.2 0.80
G LOCK 2.0x 4.0 Ctr Ctr 0.48
F LOCK 6.0x 8.0-0.5-1.2 0.98
D LOCK 2.0x 4.0 Ctr Ctr 0.48

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 5- 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

Web Connection Exception --
Use 4" spacing for screws or
nails on the following webs
N- F

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

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

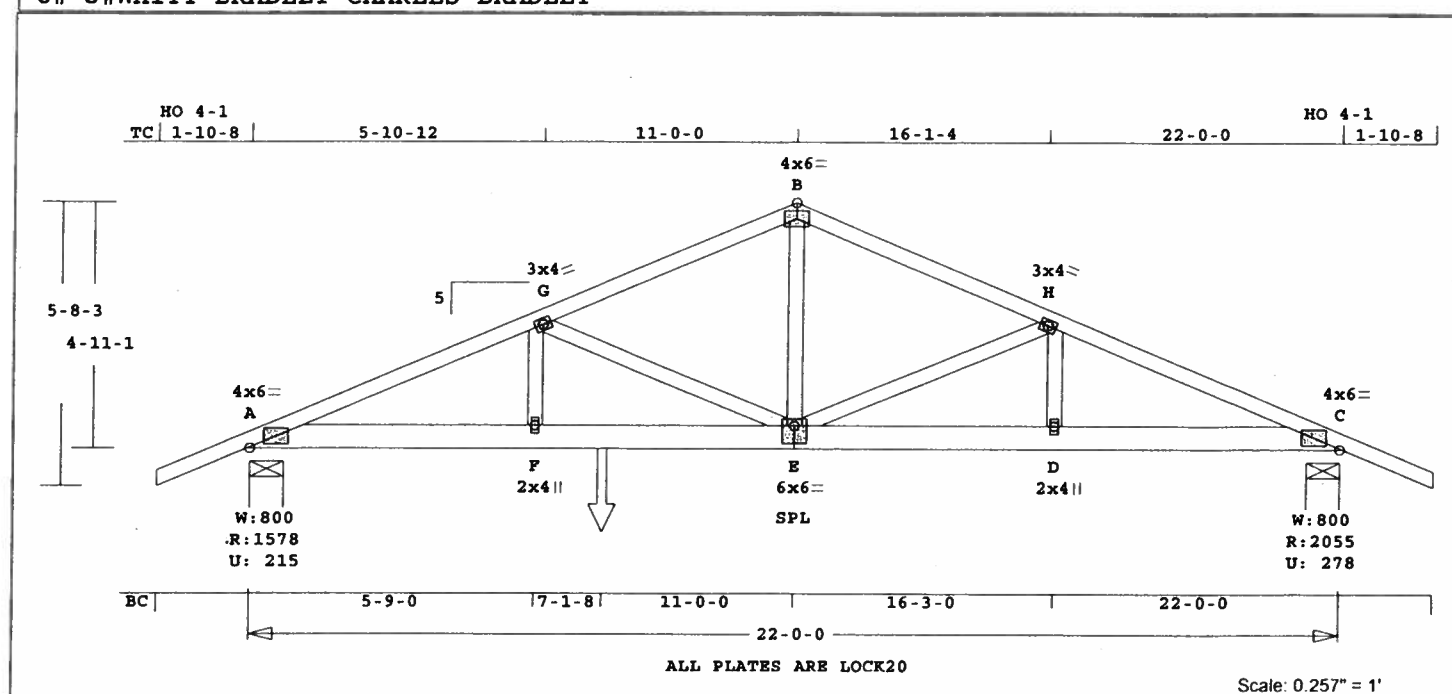


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	A20	1*2P	HHIP	400800	5	0	1-10- 8	T06081354
U# J#WHITT-BRADLEY CHARLES BRADLEY								

BC Dead Load : 5.0 psf
 User-defined wind-exposed BC
 regions --From-- ---To---
 30- 4- 0 40- 8- 0
 Max comp. force 5932 Lbs
 Quality Control Factor 1.25

Job WHITT-BRADLEY	Mark B2	Quan 1*2P	Type TR	Span 220000	P1-H1 5	Left OH 1-10- 8	Right OH 1-10- 8	Engineering T06081354
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U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 151.2 LBS

Online Plus -- Version 19.0.034

RUN DATE: 11-AUG-06

* 2-Ply Truss *

CSI -Size- ---Lumber---
TC 0.19 2x 4 SP-#2
BC 0.43 2x 6 SP-#2
WB 0.14 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 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 50 50 14.1' 22.0'
BC V 60 60 8.0' 14.1'
BC V 56 56 7.1' 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	1578	215	8- 0	1- 8
			Hz =	-75
C	2055	279	8- 0	1- 8
			Hz =	76

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -G 0.12 3228 C 0.02 0.10

Member	Size	Area	Length	Weight
G - B	0.12	2500	C	0.01 0.11
B - H	0.14	2501	C	0.01 0.13
H - C	0.19	3775	C	0.04 0.15
-----Bottom Chords-----				
A - F	0.26	2985	T	0.19 0.07
F - E	0.35	2985	T	0.19 0.16
E - D	0.39	3496	T	0.23 0.16
D - C	0.43	3496	T	0.23 0.20
-----Webs-----				
F - G	0.02	368	T	
G - E	0.05	743	C	
E - B	0.14	1609	T	
E - H	0.08	1303	C	
D - H	0.06	787	T	

TL Defl -0.11" in E -D L/999
LL Defl -0.06" in E -D L/999
Shear // Grain in F -E 0.16

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 0.62

G LOCK 3.0x 4.0 Ctr Ctr 0.58

B LOCK 4.0x 6.0 Ctr Ctr 0.59

H LOCK 3.0x 4.0 Ctr Ctr 0.58

C LOCK 4.0x 6.0 Ctr Ctr 0.62

F LOCK 2.0x 4.0 Ctr Ctr 0.38

E LOCK 6.0x 6.0 Ctr-1.2 0.55

D LOCK 2.0x 4.0 Ctr Ctr 0.42

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

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

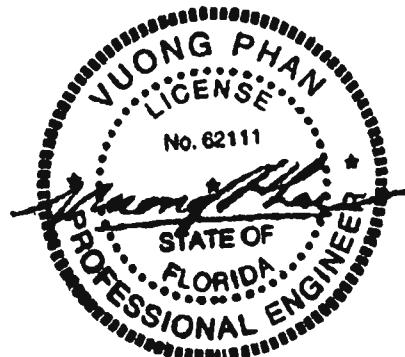
Max comp. force 3775 Lbs

Quality Control Factor 1.25

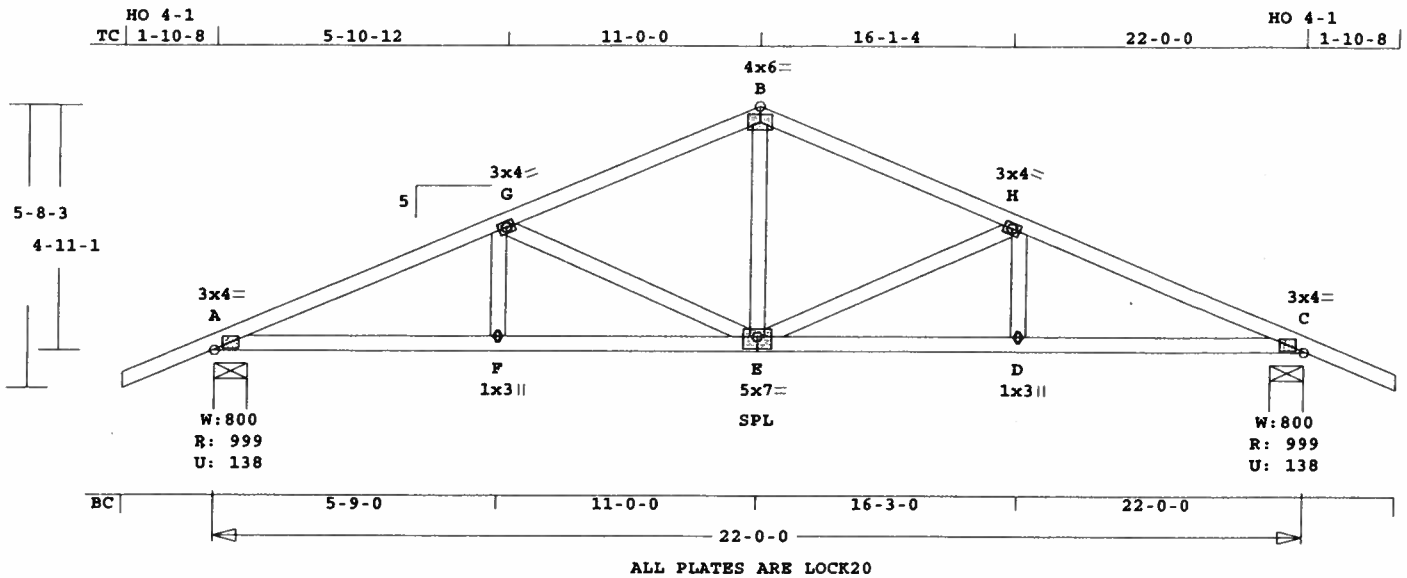
Truss Design Engineer: Vuong Phan

License #: 62111

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	B3	1	TR	220000	5	1-10- 8	1-10- 8	T06081354
U# J#WHITT-BRADLEY CHARLES BRADLEY								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 131.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ----Lumber----
TC 0.26 2x 4 SP-#2
BC 0.36 2x 4 SP-#2
WB 0.22 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	1000	138	8- 0	1- 8
			Hz =	-76
C	1000	138	8- 0	1- 8
			Hz =	77

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -G	0.26	1681	C	0.01	0.25
G -B	0.26	1143	C	0.01	0.25
B -H	0.26	1143	C	0.01	0.25
H -C	0.26	1681	C	0.01	0.25
-----Bottom Chords-----					

Member	Size	Length	Area	Weight	Notes
A -F	0.36	1556	T	0.26	0.10
F -E	0.34	1556	T	0.26	0.08
E -D	0.34	1556	T	0.26	0.08
D -C	0.36	1556	T	0.26	0.10
-----Webs-----					
F -G	0.03	214	T		
G -E	0.22	556	C		
E -B	0.10	576	T		
E -H	0.22	556	C		
D -H	0.03	214	T		

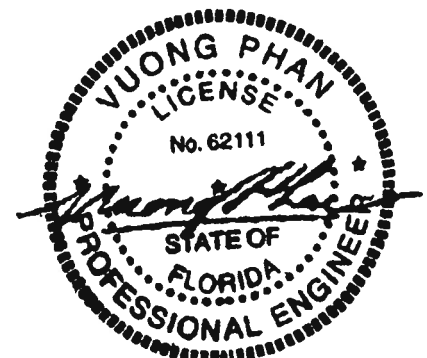
Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.83
G LOCK 3.0x 4.0 Ctr Ctr 0.58
B LOCK 4.0x 6.0 Ctr Ctr 0.59
H LOCK 3.0x 4.0 Ctr Ctr 0.58
C LOCK 3.0x 4.0 Ctr Ctr 0.83
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.

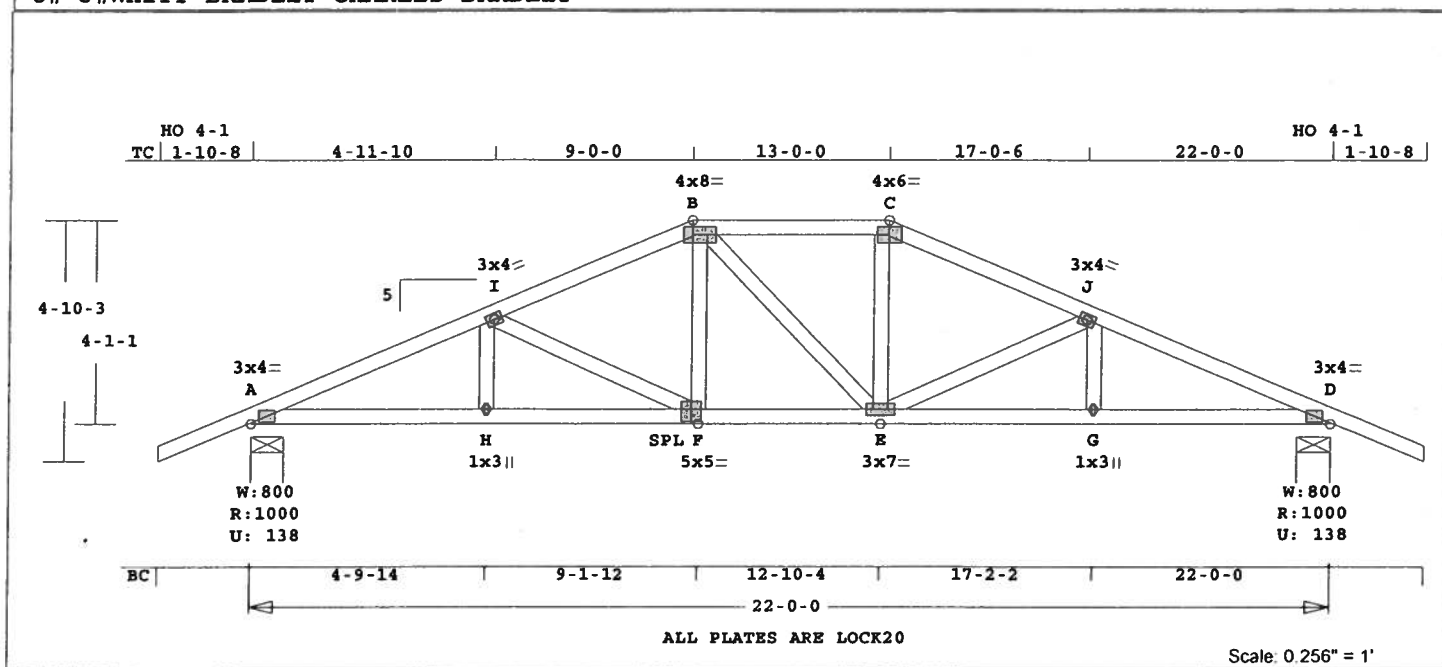
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 1681 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	B4	1	HIPP	220000	5	1-10- 8	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 140.1 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ----Lumber----
TC 0.15 2x 4 SP-#2
BC 0.32 2x 4 SP-#2
WB 0.11 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	1000	138	8- 0	1- 8
			Hz =	-62
D	1000	138	8- 0	1- 8
			Hz =	63

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -I	0.15	1727	C	0.02	0.13
I -B	0.14	1325	C	0.01	0.13
B -C	0.14	1222	C	0.01	0.13
C -J	0.13	1324	C	0.01	0.12
J -D	0.15	1728	C	0.02	0.13
-----Bottom Chords-----					
A -H	0.32	1594	T	0.26	0.06
H -F	0.31	1594	T	0.26	0.05
F -E	0.25	1216	T	0.20	0.05
E -G	0.31	1595	T	0.26	0.05
G -D	0.32	1595	T	0.26	0.06
-----Webs-----					

H -I	0.02	173	T
I -F	0.11	410	C
F -B	0.04	288	T
B -E	0.01	56	T
E -C	0.04	287	T
E -J	0.11	413	C
G -J	0.02	171	T

TL Defl -0.12" in H -F L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in A -I 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 3.0x 4.0 Ctr Ctr 0.83

I LOCK 3.0x 4.0 Ctr Ctr 0.58

B LOCK 4.0x 8.0 Ctr Ctr 0.89

C LOCK 4.0x 6.0 Ctr Ctr 0.89

J LOCK 3.0x 4.0 Ctr Ctr 0.58

D LOCK 3.0x 4.0 Ctr Ctr 0.83

H LOCK 1.0x 3.0 Ctr Ctr 0.81

F LOCK 5.0x 5.0 Ctr-0.5 0.59

E LOCK 3.0x 7.0 Ctr Ctr 0.51

G 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

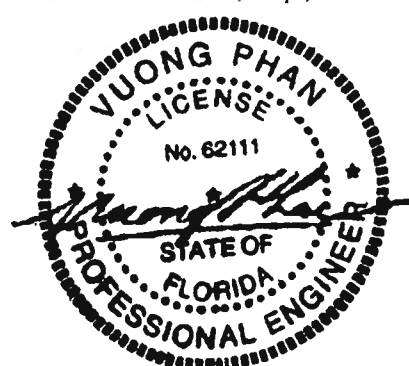
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

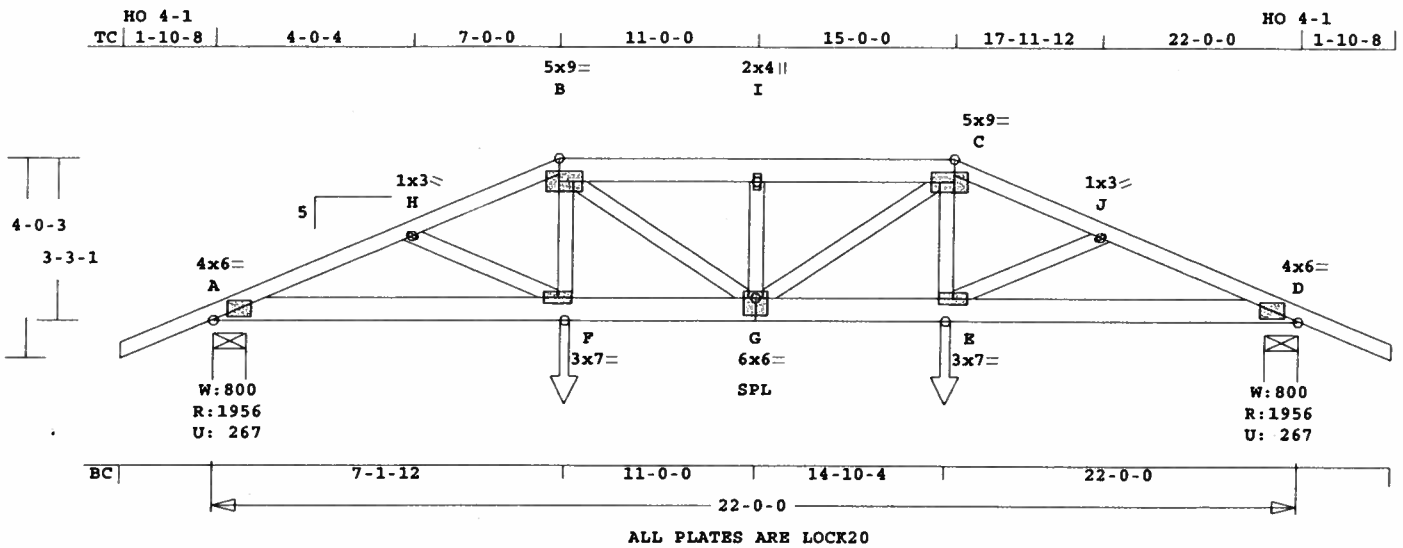
Max comp. force 1728 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	B5	1	HIPP	220000	5	1-10- 8	1-10- 8	T06081354
U# J#WHITT-BRADLEY CHARLES BRADLEY								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 163.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI -Size- ----Lumber-----
TC 0.57 2x 4 SP-#2
EX B -C 2x 6 SP-#2
BC 0.71 2x 6 SP-#2
WB 0.16 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	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'
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	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1956	268	8- 0	2- 5
			Hz =	-47
D	1956	268	8- 0	2- 5
			Hz =	48

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

A -H	0.39	4142	C	0.16	0.23
H -B	0.57	4027	C	0.12	0.45
B -I	0.35	4477	C	0.07	0.28
I -C	0.35	4477	C	0.07	0.28
C -J	0.57	4027	C	0.12	0.45
J -D	0.39	4142	C	0.16	0.23
-----Bottom Chords-----					
A -F	0.71	3814	T	0.51	0.20
F -G	0.60	3722	T	0.49	0.11
G -E	0.60	3722	T	0.49	0.11
E -D	0.71	3814	T	0.51	0.20
-----Webs-----					
H -F	0.01	75	T		
F -B	0.12	692	T		
B -G	0.16	912	T		
G -I	0.09	751	C		
G -C	0.16	912	T		
E -C	0.12	692	T		
E -J	0.01	75	T		

TL Defl -0.30" in F -G L/827
LL Defl -0.15" in F -G L/999
Shear // Grain in B -I 0.31

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	0.92
H	LOCK	1.0x 3.0	Ctr	Ctr	0.75
B	LOCK	5.0x 9.0	0.5	Ctr	0.90
I	LOCK	2.0x 4.0	Ctr	Ctr	0.40
C	LOCK	5.0x 9.0	0.5	Ctr	0.90
J	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	4.0x 6.0	Ctr	Ctr	0.92
F	LOCK	3.0x 7.0	Ctr	Ctr	0.39
G	LOCK	6.0x 6.0	Ctr	1.2	0.75
E	LOCK	3.0x 7.0	Ctr	Ctr	0.39

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

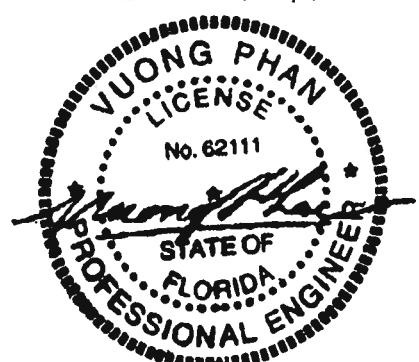
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 4477 Lbs

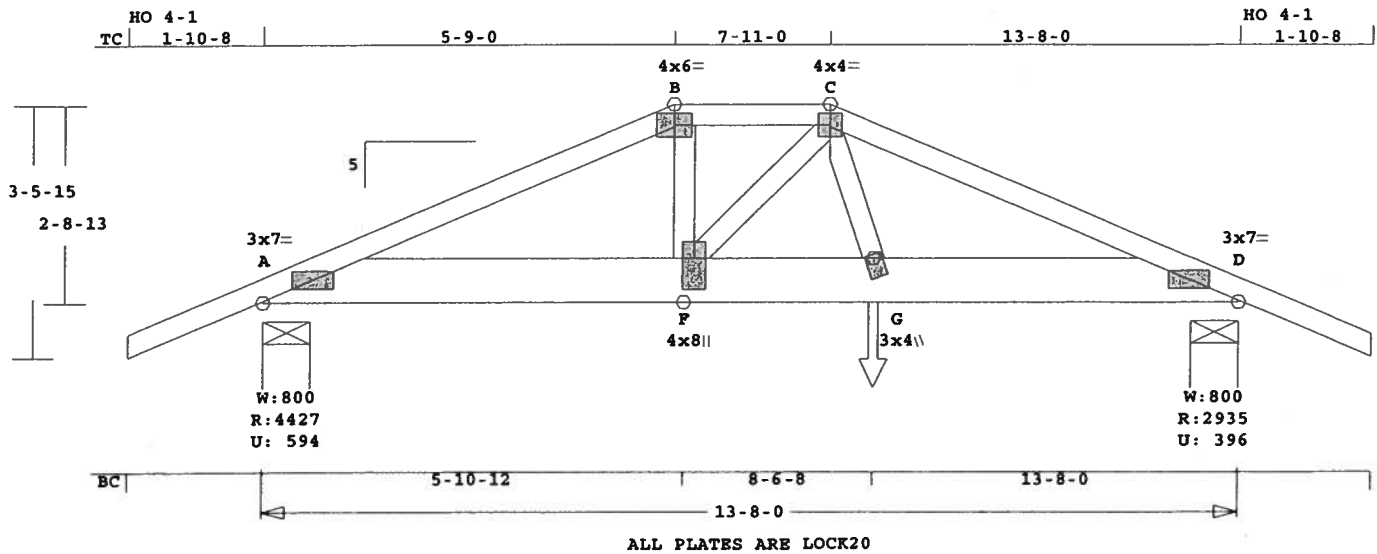
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	C1	1*2P	HIPP	130800	5	1-10- 8	1-10- 8	T06081354
U# J#WHITT-BRADLEY CHARLES BRADLEY								

This truss is NOT symmetric.
Proper orientation is essential.



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 99.5 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

* 2-Ply Truss *

CSI -Size- ----Lumber----
TC 0.49 2x 4 SP-#2
BC 0.97 2x 8 SP-#2
WB 0.21 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 13- 8- 0
BC Cont. 0- 0- 0 13- 8- 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' 13.7'
BC V 0 20 0.0' 13.7'
BC V 283 283 0.0' 7.7'
BC V 843 843 8.5' 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	4428	595	8- 0	2-10
			Hx =	27
D	2936	396	8- 0	1-12
			Hx =	21

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

A -B	0.49	6780	C	0.12	0.37
B -C	0.18	6303	C	0.08	0.10
C -D	0.28	6721	C	0.12	0.16
-----Bottom Chords-----					
A -F	0.97	6303	T	0.35	0.62
F -G	0.58	5617	T	0.31	0.27
G -D	0.52	6204	T	0.35	0.17
-----Webs-----					
F -B	0.21	2401	T		
F -C	0.08	1002	T		
C -G	0.16	1753	T		

TL Defl -0.16" in A -F L/951
LL Defl -0.08" in A -F L/999
Shear // Grain in A -F 0.58

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 7.0 Ctr Ctr 0.87
B LOCK 4.0x 6.0 Ctr Ctr 0.74
C LOCK 4.0x 4.0 Ctr Ctr 0.74
D LOCK 3.0x 7.0 Ctr Ctr 0.86
F LOCK 4.0x 8.0 Ctr-1.2 0.84
G LOCK 3.0x 4.0 0.4-1.2 0.67

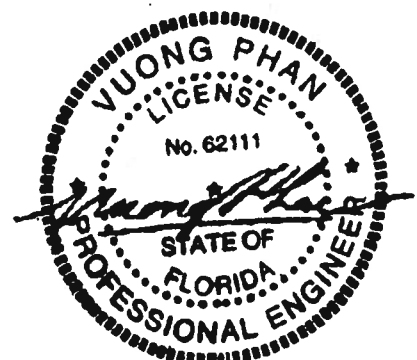
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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-

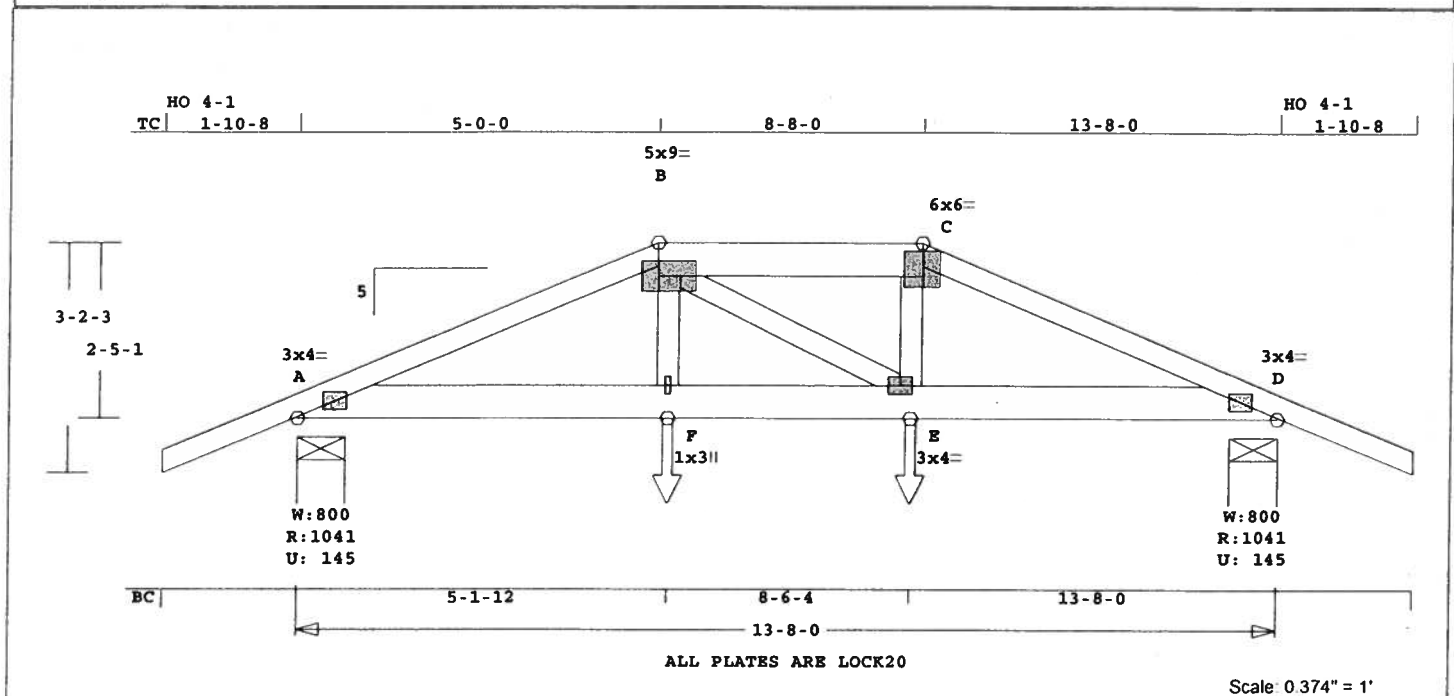
SDS3 screws -OR- 10d nails
as each layer is applied.)
----Spacing (In)----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 12 24 0
WB 1 8 8
Plus clusters of nails where
shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind 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 6780 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	C2	1	HIPP	130800	5	1-10- 8	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 89.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI	-Size-	-----Lumber-----
TC	0.29	2x 4 SP-#2
EX B -C	2x 6	SP-#2
BC	0.36	2x 6 SP-#2
WB	0.07	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	13- 8- 0
BC Cont.	0- 0- 0	13- 8- 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'	13.7'
BC V	0	20	0.0'	13.7'
TC V	30	15	5.0'	8.7'
BC V	0	15	5.1'	8.5'
BC V	133	133	5.1'	CL-LB
BC V	133	133	8.5'	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	1041	145	8- 0	1- 8
D	1041	145	8- 0	1- 8

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

A -B	0.29	1858	C	0.02	0.27
B -C	0.24	1779	C	0.01	0.23
C -D	0.28	1915	C	0.02	0.26
-----Bottom Chords-----					
A -F	0.36	1729	T	0.23	0.13
F -E	0.32	1706	T	0.22	0.10
E -D	0.32	1779	T	0.23	0.09
-----Webs-----					
F -B	0.06	372	T		
B -E	0.01	81	T		
E -C	0.07	413	T		

TL Defl	-0.10"	in F -E	L/999
LL Defl	-0.05"	in F -E	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 0.78
B LOCK 5.0x 9.0 Ctr Ctr 0.83
C LOCK 6.0x 6.0 Ctr-0.5 0.43
D LOCK 3.0x 4.0 Ctr Ctr 0.79
F LOCK 1.0x 3.0 Ctr Ctr 0.80
E LOCK 3.0x 4.0 Ctr Ctr 0.44

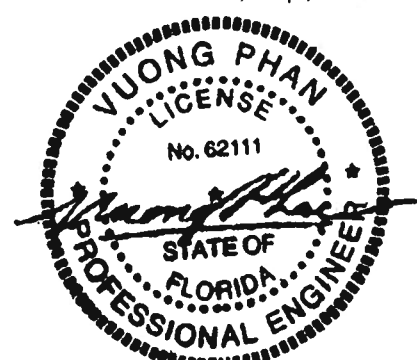
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

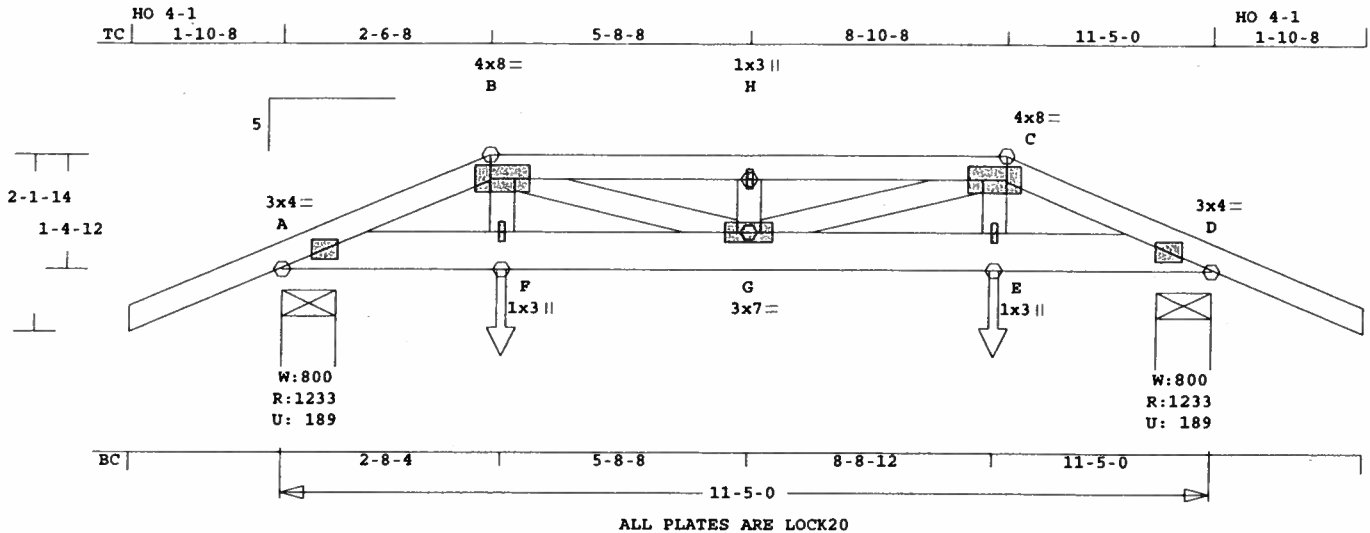
Framing King Jacks
Jack Open Faced
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1915 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	D1	1	HIPP	110500	5	1-10- 8	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Scale: 0.424" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 77.1 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI	-Size-	-----Lumber-----
TC	0.22	2x 4 SP-#2
BC	0.49	2x 6 SP-#2
WB	0.16	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	11- 5- 0
BC Cont.	0- 0- 0	11- 5- 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'	11.4'	
BC V	0	20	0.0'	11.4'	
BC V	50	50	0.0'	11.4'	
TC V	5	3	2.5'	8.9'	
BC V	0	3	2.7'	8.7'	
BC V	26	26	2.7'	CL-LB	
BC V	26	26	8.7'	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	1234	190	8- 0	1- 8
D	1234	190	8- 0	1- 8

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.18	2195	C	0.04	0.14

B -H	0.22	2855	C	0.07	0.15
H -C	0.22	2855	C	0.07	0.15
C -D	0.18	2195	C	0.04	0.14
-----Bottom Chords-----					
A -F	0.37	2061	T	0.27	0.10
F -G	0.49	2005	T	0.26	0.23
G -E	0.49	2005	T	0.26	0.23
E -D	0.37	2061	T	0.27	0.10
-----Webs-----					
F -B	0.05	365	T		
B -G	0.16	887	T		
G -H	0.01	153	C		
G -C	0.16	887	T		
E -C	0.05	365	T		

TL Defl -0.12" in G -E L/973
LL Defl -0.06" in G -E L/999
Shear // Grain in A -B 0.16

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	
JSI				
A LOCK	3.0x 4.0	Ctr	Ctr	0.90
B LOCK	4.0x 8.0	Ctr	Ctr	0.70
H LOCK	1.0x 3.0	Ctr	Ctr	0.75
C LOCK	4.0x 8.0	Ctr	Ctr	0.70
D LOCK	3.0x 4.0	Ctr	Ctr	0.90
F LOCK	1.0x 3.0	Ctr	Ctr	0.77
G LOCK	3.0x 7.0	Ctr	Ctr	0.56
E LOCK	1.0x 3.0	Ctr	Ctr	0.77

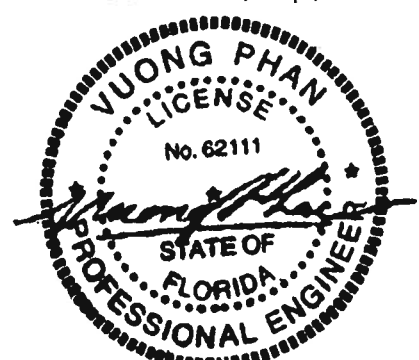
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:

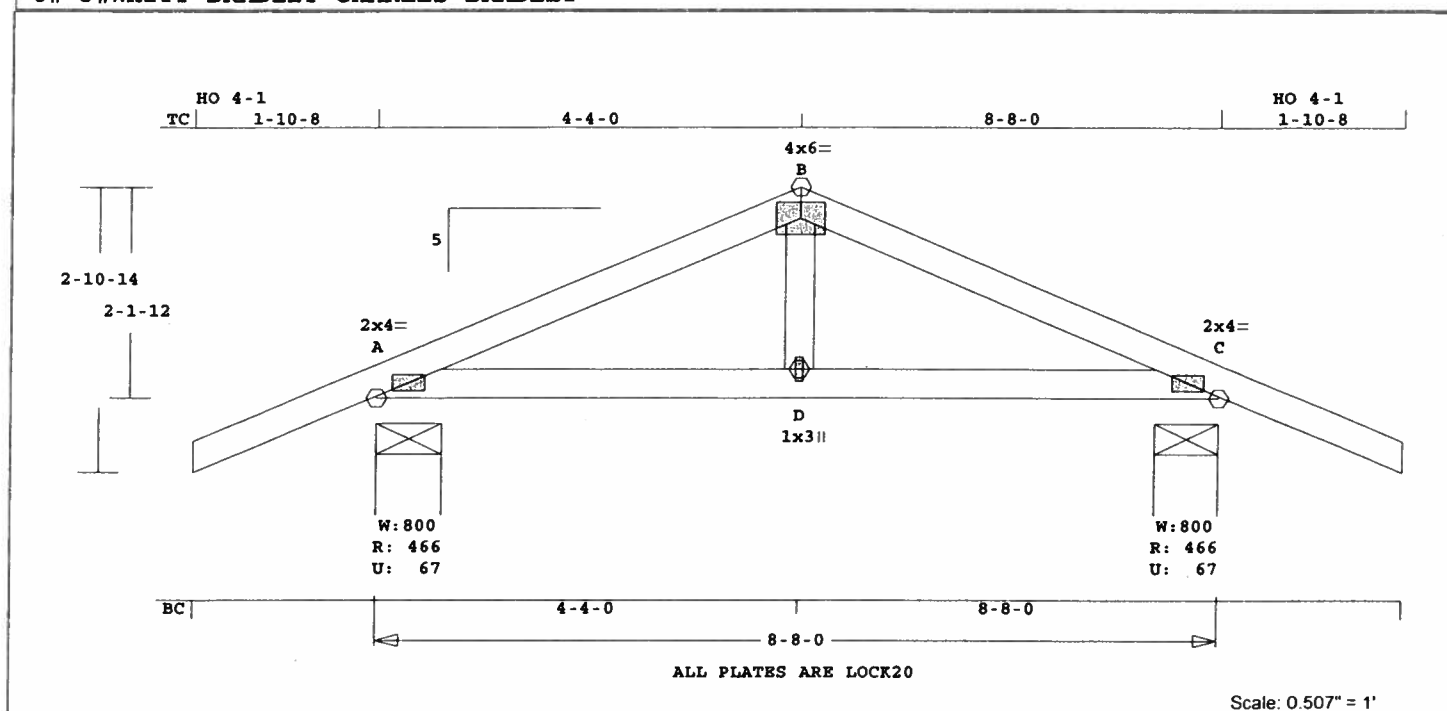
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 2- 6- 8
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 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 2855 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	E1	1	TR	80800	5	1-10- 8	1-10- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.1 LBS
D -B 0.02 183 T

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

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

TC	0.12	2x 4	SP-#2
BC	0.15	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	8- 8- 0
BC Cont.	0- 0- 0	8- 8- 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	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.77
B	LOCK	4.0x 6.0	Ctr	Ctr	0.43
C	LOCK	2.0x 4.0	Ctr	Ctr	0.77
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75

REVIEWED BY:

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

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 472 Lbs
Quality Control Factor 1.25

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	467	67	8- 0	1- 8
C	467	67	8- 0	1- 8

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.12	472	C	0.00	0.12
B -C	0.12	472	C	0.00	0.12
-----Bottom Chords-----					
A -D	0.15	438	T	0.07	0.08
D -C	0.15	438	T	0.07	0.08
-----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

OH Loading

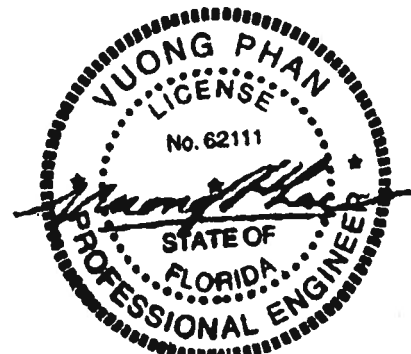
Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

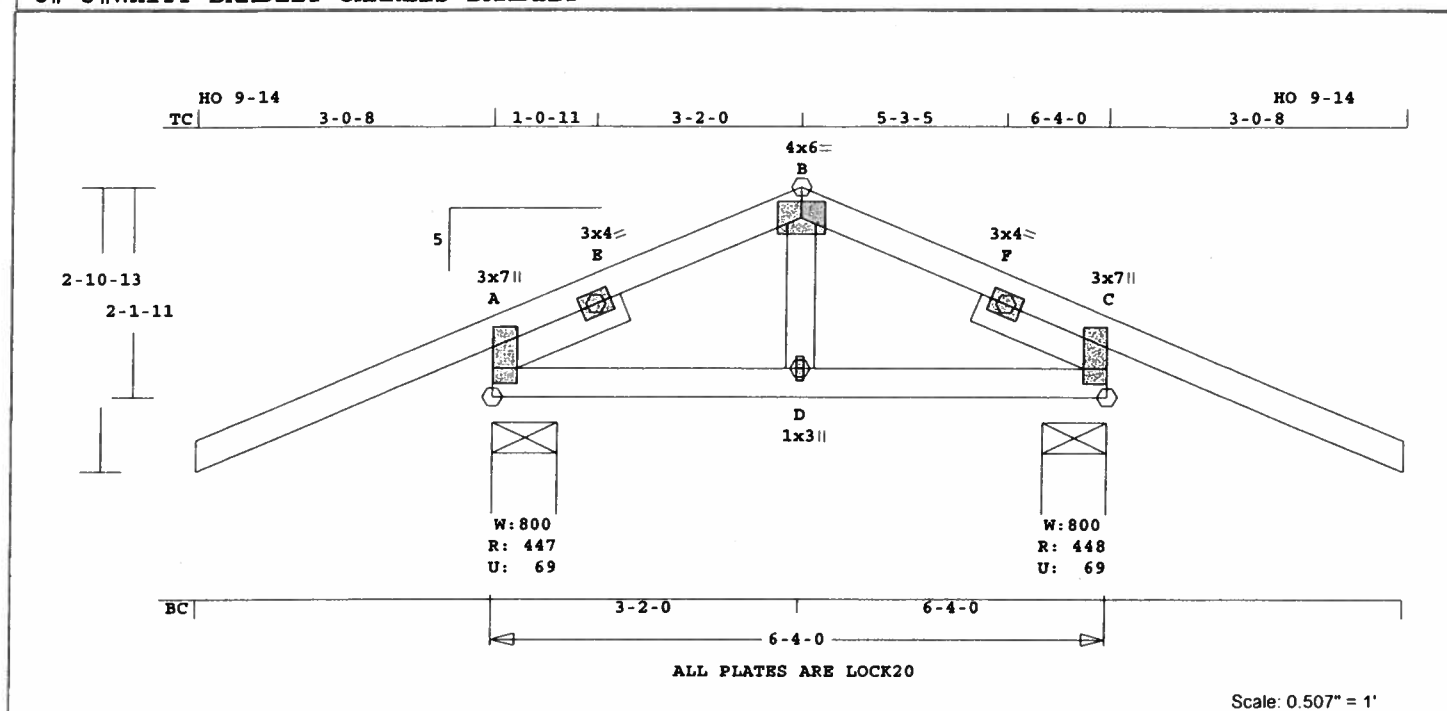
Truss is designed as a Main
Wind-Force Resistance System.

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	E2	2	TR	60400	5	3- 0- 8	3- 0- 8	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 46.4 LBS

A -D 0.07 218 T 0.02 0.05
D -C 0.07 218 T 0.02 0.05

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 237 Lbs

Quality Control Factor 1.25

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

	CSI	-Size-	-----Lumber----
TC	0.03	2x 4	SP-#2
BC	0.07	2x 4	SP-#2
WB	0.01	2x 4	SP-#2
SL	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 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	448	70	8- 0	1- 8
C	448	70	8- 0	1- 8

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -E	0.02		99 C	0.00	0.02
E -B	0.03		237 C	0.00	0.03
B -F	0.03		237 C	0.00	0.03
F -C	0.02		99 C	0.00	0.02
-----Bottom Chords-----					

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 7.0 1.5 0.3 0.64

E LOCK 3.0x 4.0 Ctr Ctr 0.50

B LOCK 4.0x 6.0 Ctr Ctr 0.40

F LOCK 3.0x 4.0 Ctr Ctr 0.50

C LOCK 3.0x 7.0-1.5 0.3 0.64

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.

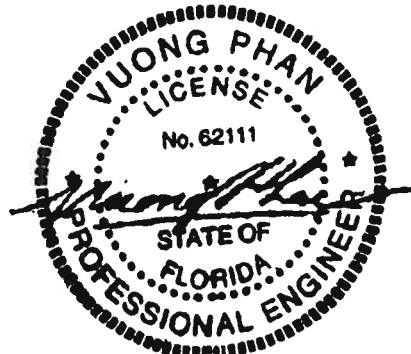
NOTES:

Trusses Manufactured by:

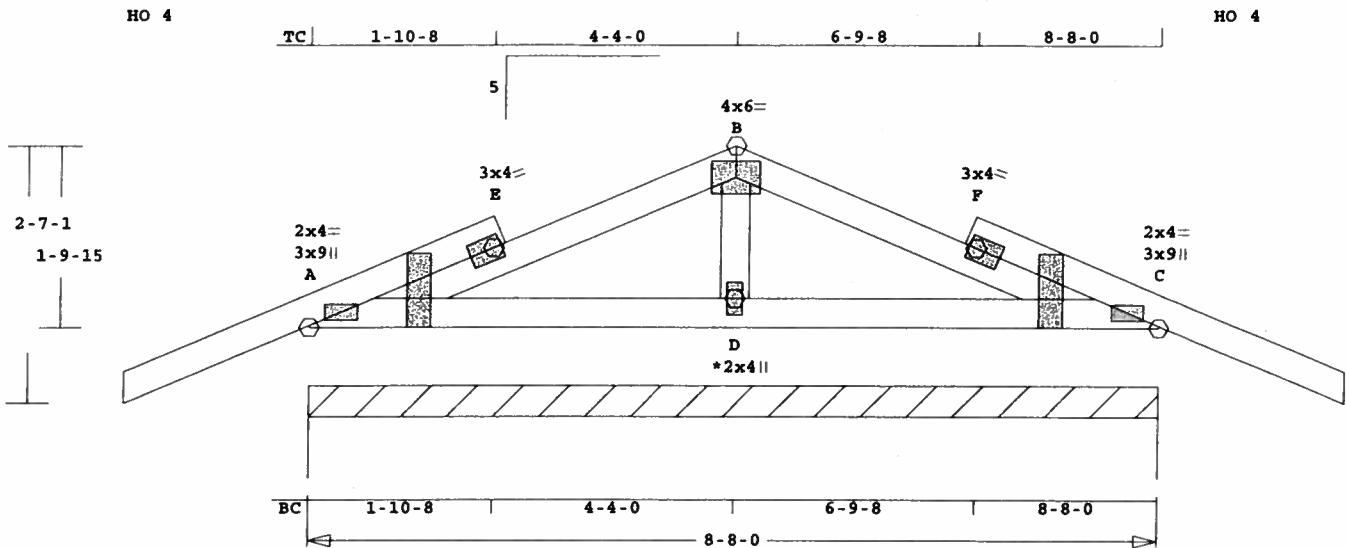
Mayo Truss Co. Inc.

Analysis Conforms To:

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	E3	1	TR	80800	5	0	0	T06081354
U# J#WHITT-BRADLEY CHARLES BRADLEY								



ALL PLATES ARE LOCK20
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.513" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 49.5 LBS

D -C 0.12 43 C 0.00 0.12

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

D -B 0.01 181 C

Soffit psf 2.0

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

Refer to Gen Det 3 series for web bracing and plating.

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 181 Lbs

Quality Control Factor 1.25

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

	CSI	-Size-	-----Lumber----
TC	0.15	2x 4	SP-#2
BC	0.12	2x 4	SP-#2
GW	0.01	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	8- 8- 0	
BC Cont.	0- 0- 0	8- 8- 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 -0.01" in D -C L/999
LL Defl 0.00" in D -C L/999
Shear // Grain in B -F 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 3.0x 9.0 9.5 2.6 0.47

A LOCK 2.0x 4.0 Ctr Ctr 0.00

E LOCK 3.0x 4.0 Ctr Ctr 0.77

B LOCK 4.0x 6.0 Ctr Ctr 0.43

F LOCK 3.0x 4.0 Ctr Ctr 0.77

C LOCK 3.0x 9.0-9.5 2.6 0.47

C LOCK 2.0x 4.0 Ctr Ctr 0.00

D LOCK 2.0x 4.0 Ctr Ctr 0.00

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to 8- 8- 0		
	933	134	Hz =	0

Membr CSI P Lbs Ax1-CSI-Bnd

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

A -E 0.08 133 C 0.00 0.08

E -B 0.11 97 C 0.00 0.11

B -F 0.15 93 C 0.00 0.15

F -C 0.14 118 C 0.00 0.14

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

A -D 0.12 34 C 0.00 0.12

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

Truss Design Engineer: Vuong Phan

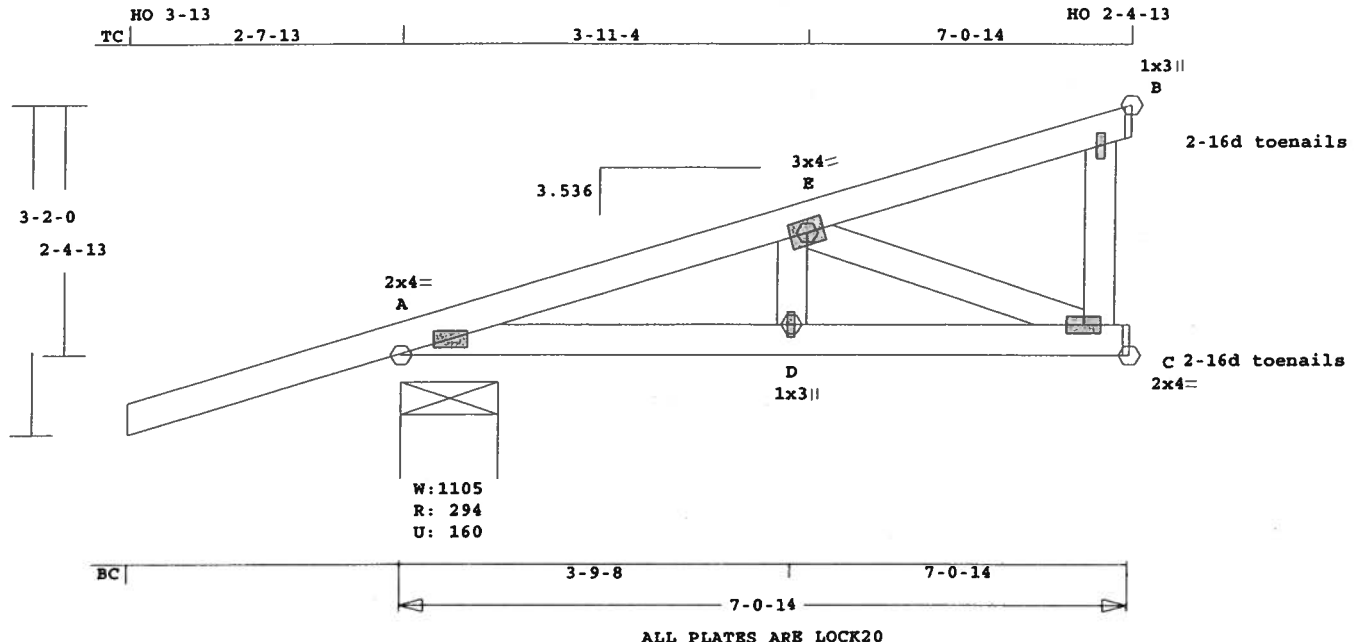
License #: 62111

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	CJ2	3	MONO	70014	3.536	2- 7-13	0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

CSI	Size	Lumber
TC	0.10	2x 4 SP-#2
BC	0.09	2x 4 SP-#2
WB	0.04	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	7- 0-14
BC Cont.	0- 0- 0	7- 0-14

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	
TC V	40	20	0.0'
BC V	0	20	0.0'
TC V	-40	-20	0.0'
BC V	17	8	7.1'
BC V	0	-20	0.0'
	0	8	7.1'

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	294	161	11- 5	1- 8
			Hz =	-23
C	166	76	1- 8	1- 8
B	117	39	1- 8	1- 8
			Hz =	59

Membr CSI P Lbs Axl-Csi-Bnd

Top Chords	Bottom Chords	Webs
A -E 0.07 316 C 0.00 0.07	A -D 0.06 308 T 0.05 0.01	D -E 0.01 104 T
E -B 0.10 35 T 0.00 0.10	D -C 0.09 308 T 0.05 0.04	E -C 0.04 330 C
		C -B 0.00 0 T WindLd

TL Defl	LL Defl	Shear //	Grain	in	D -C	L/999
-0.01"	0.00"					

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 0.81
E LOCK 3.0x 4.0 Ctr Ctr 0.39
B LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 2.0x 4.0 Ctr Ctr 0.75

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

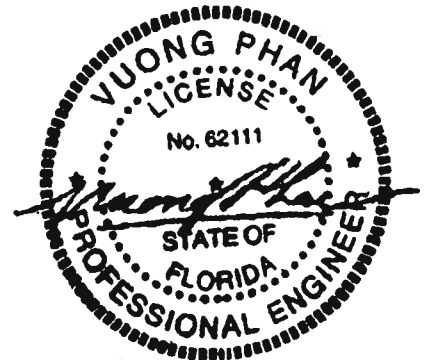
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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:

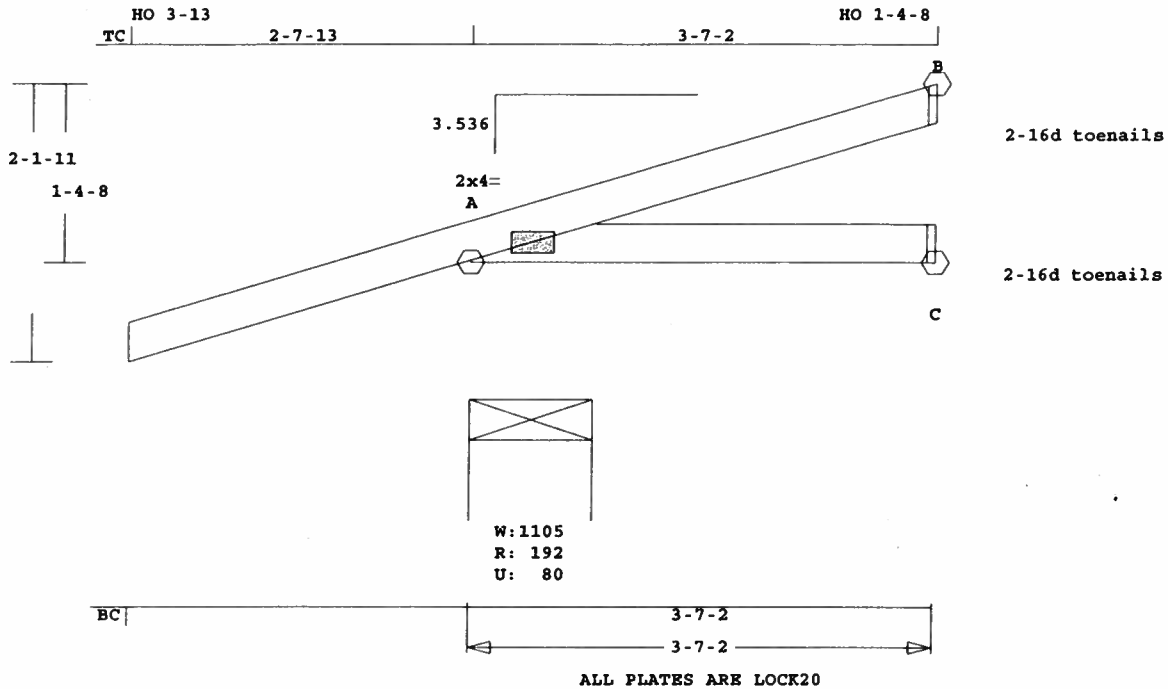
FBC2004
Girder King Jack
Loading TC and BC
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 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
User-defined wind-exposed BC
regions --From-- --To--
0- 0- 0 7- 0-14
Max comp. force 330 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	CJ3	2	JCA2.DD	30702	3.536	2- 7-13	0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Scale: 0.673" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.2 LBS

Online Plus -- Version 19.0.034
 RUN DATE: 11-AUG-06

CSI -Size-	Lumber----
TC 0.03	2x 4 SP-#2
BC 0.02	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	3- 7- 2
BC Cont.	0- 0- 0	3- 7- 2

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

Membr CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----	-----Bottom Chords-----
A -B 0.03 5 C 0.00 0.03	A -C 0.02 0 T 0.00 0.02

TL Defl 0.00" in A -C L/999

LL Defl 0.00" in A -C L/999

Shear // Grain in A -B 0.03

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 5 Lbs

Quality Control Factor 1.25

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.76

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

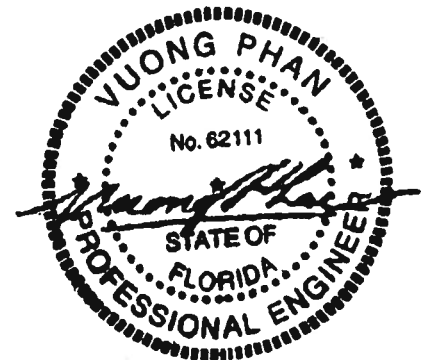
National Design Specification

(NDS) for Wood Construction

Truss Design Engineer: Vuong Phan

License #: 62111

Address: P.O. 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
A	193	80	11- 5 1- 8
C	25	0	3- 8 1- 8
B	39	14	3- 8 1- 8

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

Girder King Jack

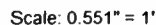
Loading TC and BC

Setback 2- 6- 8

OH Loading

WHITT-BRADLEY

U# J#WHITT-BRADLEY CHARLES BRADLEY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 40.1 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.28	2x 4	SP-#2
WB	0.03	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	

```

A -D 0.28      92 T 0.00 0.28
-----Webs-----
B -D 0.03     326 C
D -C 0.02     110 T WindLd

```

```
TL Defl  -0.16" in A -D  L/465
LL Defl  -0.07" in A -D  L/999
Shear // Grain in A -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, Gross Area						
Jt	Type	Plt	Size	X	Y	JSI
A	LOCK	2.0x	4.0	Ctr	Ctr	0.73
B	LOCK	4.0x	6.0	Ctr	Ctr	0.62
C	LOCK	1.0x	3.0	Ctr	Ctr	0.75
D	LOCK	2.0x	4.0	Ctr	Ctr	0.75

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 326 Lbs
Quality Control Factor 1.25

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	400	54	8- 0	1- 8
			Hz =	-31
D	280	42	3- 8	1- 8
			Hz =	89

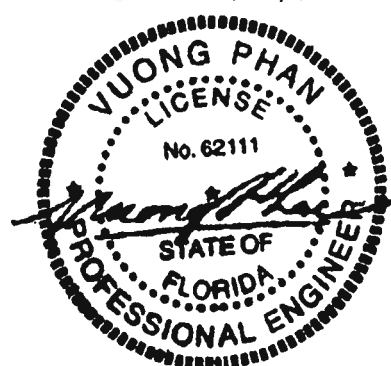
Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top			Chords-----		
A -B	0.33		93 C	0.00	0.33
B -C	0.14		29 C	0.00	0.14

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

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

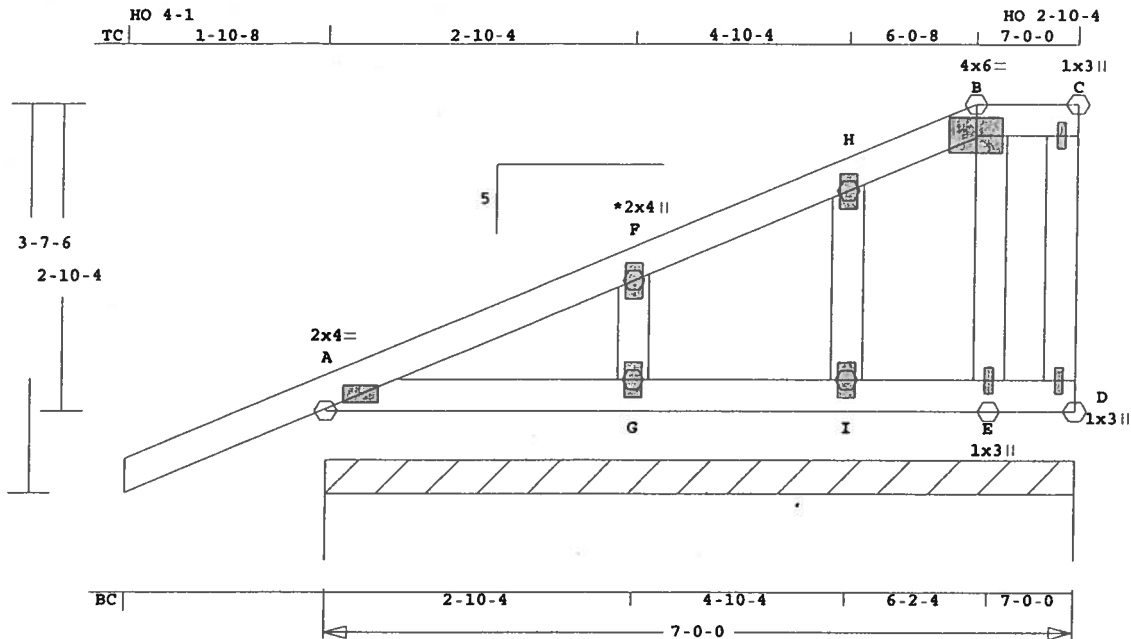
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	J1B	1	HHIP	70000	5	1-10- 8	0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Scale: 0.557" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 11-AUG-06

	CSI	-Size-	-----Lumber----
TC	0.06	2x 4	SP-#2
BC	0.04	2x 4	SP-#2
WB	0.02	2x 4	SP-#2
GW	0.02	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	7- 0- 0	0
BC Cont.	0- 0- 0	7- 0- 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
Cont. Brg	0- 0- 0	to 7- 0- 0		
	771	103	Hz =	121

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A -F	0.06		52 C	0.00	0.06	
F -H	0.04		39 C	0.00	0.04	
H -B	0.03		33 C	0.00	0.03	
B -C	0.01		28 C	0.00	0.01	
-----Bottom Chords-----						
A -G	0.04		15 C	0.00	0.04	
G -I	0.02		0 T	0.00	0.02	
I -E	0.02		1 T	0.00	0.02	

E -D	0.02	2 C	0.00	0.02	
-----Webs-----					
E -B	0.01	28 T	0.00	0.01	
D -C	0.02	46 C	0.00	0.02	
-----Gable Webs-----					
G -F	0.02	143 C	0.00	0.02	
I -H	0.00	106 C			
TL Defl	0.00"	in A -G	L/999		
LL Defl	0.00"	in A -G	L/999		
Shear // Grain		in A -F	0.10		

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, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.73
F LOCK 2.0x 4.0 Ctr Ctr 0.00
H LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.62
C LOCK 1.0x 3.0 Ctr Ctr 0.75
G LOCK 2.0x 4.0 Ctr Ctr 0.00
I LOCK 2.0x 4.0 Ctr Ctr 0.00
E LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 1.0x 3.0 Ctr Ctr 0.75

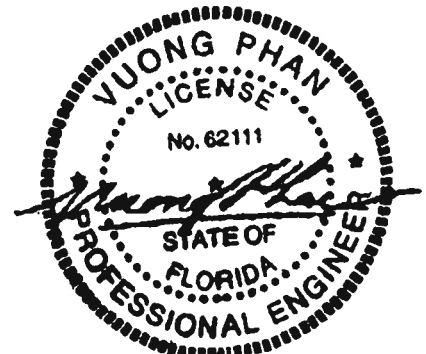
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

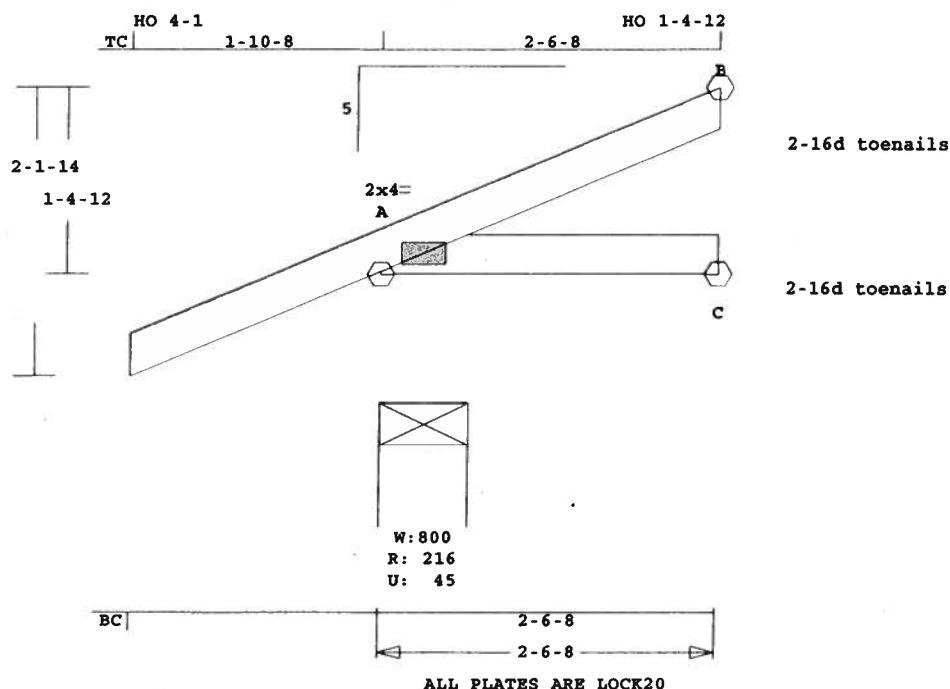
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 143 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-BRADLEY	J5	5	JCA2	20608	5	1-10- 8	0	T06081354

U# J#WHITT-BRADLEY CHARLES BRADLEY



Scale: 0.691" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 14.1 LBS

A - C 0.03 0 T 0.00 0.03

concurrent LL on BC.

Online Plus -- Version 19.0.034

RUN DATE: 11-AUG-06

TL Defl 0.00" in A - C L/999

LL Defl 0.00" in A - C L/999

Shear // Grain in A - B 0.06

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 15 Lbs

Quality Control Factor 1.25

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

TC 0.04 2x 4 SP-#2

BC 0.03 2x 4 SP-#2

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

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=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

Plus 4 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

A 217 46 8- 0 1- 8

Hz = 31

C 46 0 3- 8 1- 8

B 75 30 3- 8 1- 8

Hz = 21

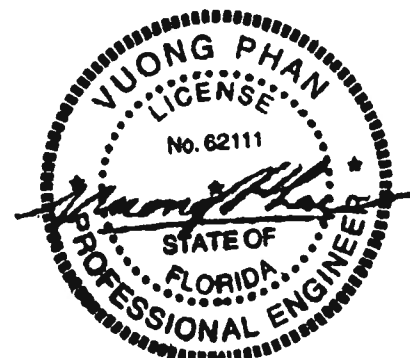
Membr CSI P Lbs Axl-CSt-Bnd

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

A -B 0.04 15 C 0.00 0.04

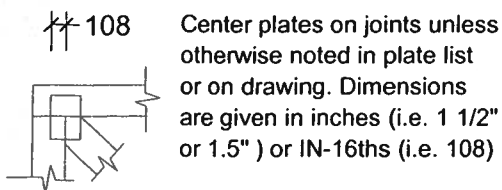
-----Bottom Chords-----

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



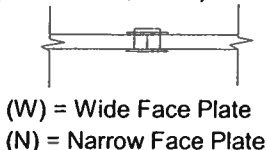
ROBBINS ENG. GENERAL NOTES & SYMBOLS

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.

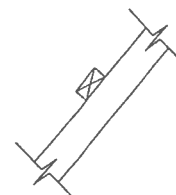
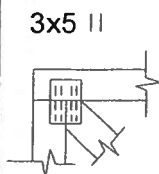


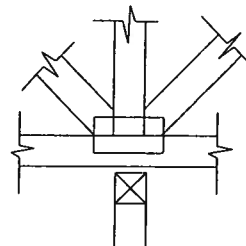
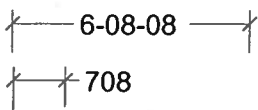
PLATE SIZE AND ORIENTATION

The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.



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).



W = Actual Bearing Width (IN-SX)
R = Reaction (lbs.)
U = Uplift (lbs.)

BEARING

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

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" 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.robbinseng.com



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 35-6S-16-04074-106

Building permit No. 000024199

Use Classification SFD/UTILITY

Fire: 44.64

Permit Holder HOMES BY WHITTAKER, INC.

Waste: 134.00

Owner of Building CHARLES & DIANA BRADLEY

Total: 178.64

Location: 399 SW HAWTHORNE TERRACE

Date: 02/16/2007

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)