

DATE 09/11/2007

Columbia County Building Permit

PERMIT

000026218

This Permit Expires One Year From the Date of Issue

APPLICANT MIKE HERLONG PHONE 365-0169
ADDRESS 337 SW SCATTERED OAKS FT. WHITE FL 32038
OWNER FT WHITE DEVELOPERS PHONE 497-3991
ADDRESS 259 SW PAISLEY COURT FT. WHITE FL 32038
CONTRACTOR MIKE HERLONG PHONE 365-0169
LOCATION OF PROPERTY 47S, TL ON US 27, TL ON PAISLEY COURT, LAST LOT ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 84800.00
HEATED FLOOR AREA 1696.00 TOTAL AREA 2357.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING FT. WHITE MAX. HEIGHT 17
Minimum Set Back Requirements: STREET-FRONT REAR SIDE
NO. EX.D.U. FLOOD ZONE FW DEVELOPMENT PERMIT NO.

PARCEL ID 34-6S-16-04060-122 SUBDIVISION FT. WHITE PARK
LOT 122 BLOCK PHASE UNIT TOTAL ACRES

RB0029433
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 07-700 BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: FT. WHITE LETTER ON FILE

Check # or Cash 1396

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 \$ 425.00 CERTIFICATION FEE \$ 11.79 SURCHARGE FEE \$ 11.79
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 448.58

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

CP#1396

For Office Use Only Application # 0709-19 Date Received 9/7/07 By G Permit # 26218
Application Approved by - Zoning Official _____ Date _____ Plans Examiner OK JH Date 9-10-07
Flood Zone _____ Development Permit _____ Zoning _____ Land Use Plan Map Category _____
Comments _____
Ft. White letter on file DEH (D NOC) FAX 386-497-3991

Type of Construction Brick Number of Existing Dwellings on Property 0
Total Acreage 0.5 Ac. Lot Size 0.5 Ac. Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 70' Side 22.5' Side 22.5' Rear 91'
Total Building Height 17'8" Number of Stories 1 Heated Floor Area 1696 Roof Pitch 6:12
TOTAL 23.57

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.

Contractor Signature _____
Contractors License Number RB0029433
Competency Card Number _____
NOTARY STAMP/SEAL _____


Notary Signature

Town of Fort White

Post Office Box 129 Fort White, Florida 32038-0129
Town Hall - (386) 497-2321 • Public Works - (386) 497-3345 • Fax (386) 497-4946
Email: townofftwhite@alltel.net • Web site: Townoffortwhitefl.com

CERTIFICATE OF COMPLIANCE & REQUEST FOR ISSUANCE OF BUILDING PERMIT

The undersigned hereby certify the following property is in compliance with the Town of Fort White's Comprehensive Plan and Land Development Regulations for the stated development purposes:

FILE No. _____

OWNER'S NAME: Fort White Developers, LLP

ADDRESS: 6855 SW Elim Church Rd Fort White, FL 32038

PROPERTY DESCRIPTION: .52 ac Lot #22 Fort White Park
w/ parcel number parcel #4060-122

DEVELOPMENT: Single Family Dwelling

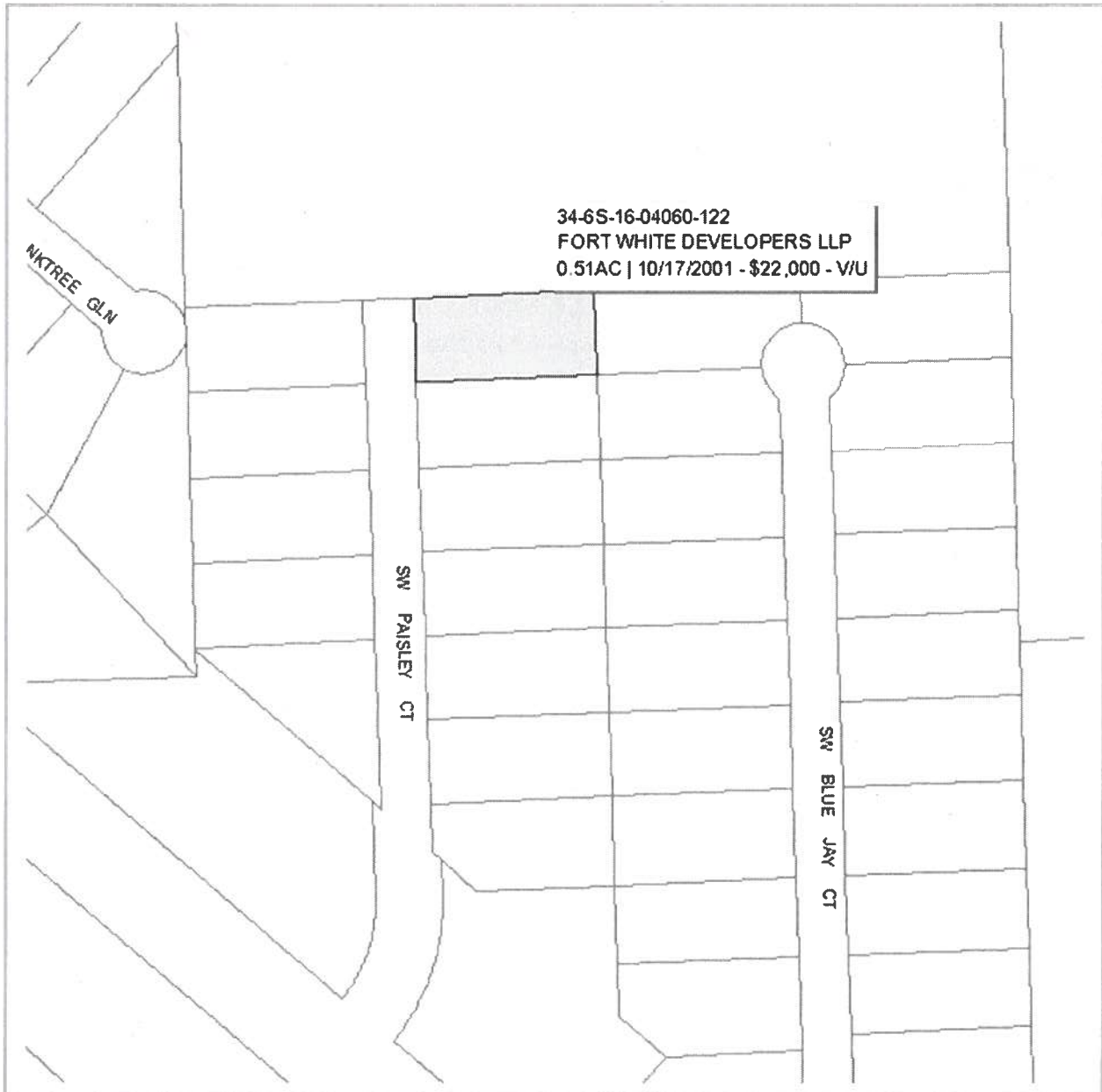
You are hereby authorized to issue the appropriate permits

8-31-2007

DATE

Dominic E. Revela
TOWN ADMINISTRATOR
Town of Fort White

District #1	District #2	District #3	District #4	Mayor
Donald Cook	Henry Maini	Warren Barnes	Demetric Jackson	Truett George
497-1086	497-2992	497-3312	497-2078	497-4741



Columbia County Property Appraiser

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

PARCEL: 34-6S-16-04060-122 - VACANT (000000)

Name: FORT WHITE DEVELOPERS LLP

Site: FORT WHITE PARK

Mail: 6855 SW ELIM CHURCH RD

Mail: FT WHITE, FL 32038

11/9/2005 \$100.00 / V

Sales Info	10/17/2001	\$22,000.00	/
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2/11/1992 \$57,100.00 /

LandVal	\$17,000.00
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BldgVal	\$0.00
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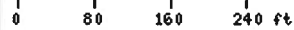
ApprVal \$17,000.00

JustVal	\$17,000.00
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Assd	\$17,000.00
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Exempt	\$0.00
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Taxable \$17,000.00



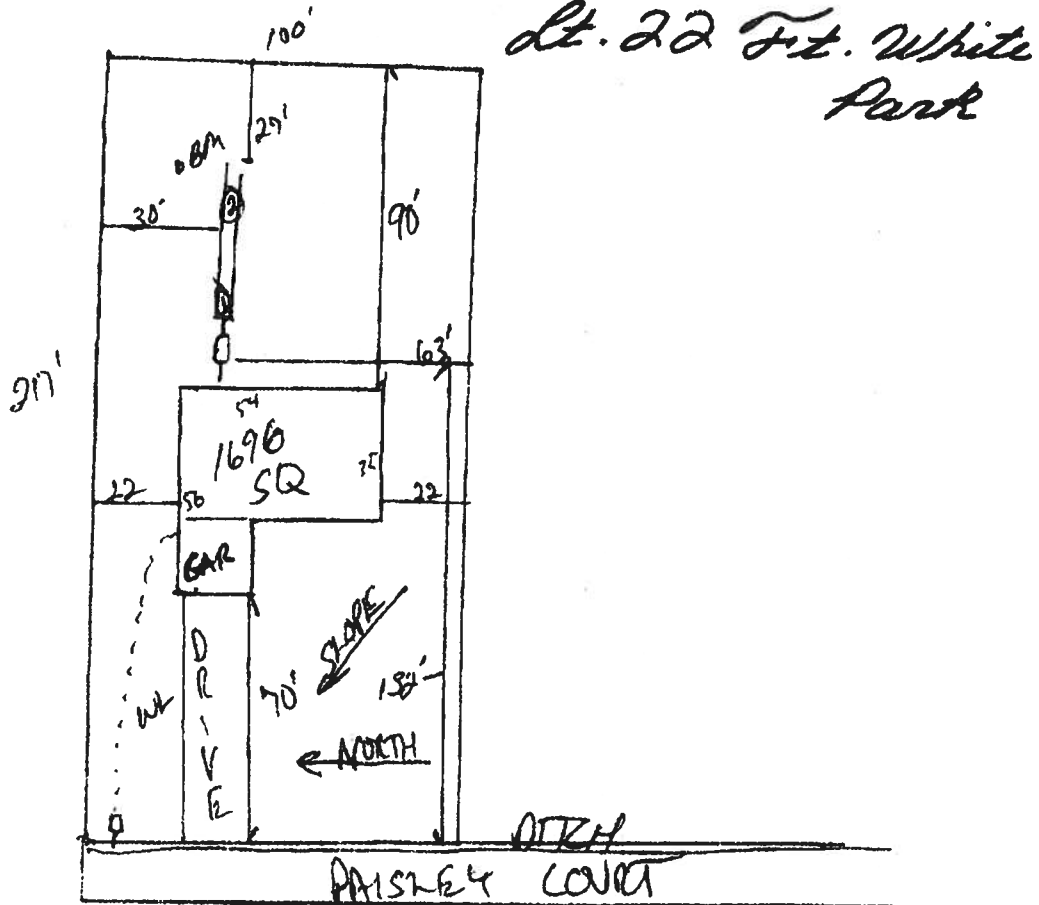
This information, GIS Map Updated: 8/2/2007, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not

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

Permit Application Number 67-700

PART II - SITEPLAN

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D F **MASTER CONTRACTOR**
 Plan Approved ☒ Not Approved _____ Date 8/31/07
 By Man o Land Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 8/17/2007 **DATE ISSUED:** 8/17/2007

ENHANCED 9-1-1 ADDRESS:

259 SW PAISLEY

CT

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

34-6S-16-04060-122

Remarks:

LOT 22 FORT WHITE PARK

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.

Approved Address

AUG 17 2007

911 Addressing/GIS Dept

915

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Fort White Pk- Lot 22	Builder:	H. Hawkins
Address:	Lot: 22, Sub: Ft White Park, Plat: 6 Pg 3	Permitting Office:	Columbia County
City, State:	Ft White, FL	Permit Number:	26218
Owner:	Huey Hawkins	Jurisdiction Number:	121000
Climate Zone:	North		

- | | | | | | |
|-------------------------------------|-------------------------|-----|--|-------------------|-----|
| 1. New construction or existing | New | ___ | 12. Cooling systems | | |
| 2. Single family or multi-family | Single family | ___ | a. Central Unit | Cap: 35.0 kBtu/hr | ___ |
| 3. Number of units, if multi-family | 1 | ___ | | SEER: 14.00 | ___ |
| 4. Number of Bedrooms | 3 | ___ | b. N/A | | ___ |
| 5. Is this a worst case? | No | ___ | c. N/A | | ___ |
| 6. Conditioned floor area (ft²) | 1686 ft² | ___ | 13. Heating systems | | |
| 7. Glass area & type | Single Pane Double Pane | ___ | a. Electric Heat Pump | Cap: 35.0 kBtu/hr | ___ |
| a. Clear glass, default U-factor | 0.0 ft² 235.0 ft² | ___ | | HSPF: 7.90 | ___ |
| b. Default tint | 0.0 ft² 0.0 ft² | ___ | b. N/A | | ___ |
| c. Labeled U or SHGC | 0.0 ft² 0.0 ft² | ___ | c. N/A | | ___ |
| 8. Floor types | | ___ | 14. Hot water systems | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 185.0(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, Exterior | R=13.0, 1337.0 ft² | ___ | (HR-Heat recovery, Solar | | |
| b. N/A | | ___ | DHP-Dedicated heat pump) | | |
| c. N/A | | ___ | 15. HVAC credits | PT, CF, | ___ |
| d. N/A | | ___ | (CF-Ceiling fan, CV-Cross ventilation, | | |
| e. N/A | | ___ | HF-Whole house fan, | | |
| 10. Ceiling types | | ___ | PT-Programmable Thermostat, | | |
| a. Under Attic | R=30.0, 1696.0 ft² | ___ | MZ-C-Multizone cooling, | | |
| b. N/A | | ___ | MZ-H-Multizone heating) | | |
| c. N/A | | ___ | | | |
| 11. Ducts | | ___ | | | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 8.0 ft | ___ | | | |
| b. N/A | | ___ | | | |

Glass/Floor Area: 0.14

Total as-built points: 21309

Total base points: 26513

PASS

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

PREPARED BY: Tim Delbene

DATE: 8/11/07

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

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: _____

DATE: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 22, Sub: Ft White Park, Plat: 6 Pg 3, Ft White, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1686.0	20.04	6081.7	Double, Clear	N	2.0	7.0	30.0	19.20	0.92	531.2
				Double, Clear	N	2.0	5.0	6.0	19.20	0.87	100.3
				Double, Clear	N	2.0	5.0	9.0	19.20	0.87	150.5
				Double, Clear	S	2.0	7.0	15.0	35.87	0.82	441.2
				Double, Clear	S	2.0	3.0	3.0	35.87	0.59	63.5
				Double, Clear	E	2.0	7.0	60.0	42.06	0.89	2235.8
				Double, Clear	E	10.0	7.0	26.0	42.06	0.44	482.9
				Double, Clear	E	10.0	7.0	10.0	42.06	0.44	185.7
				Double, Clear	W	2.0	7.0	76.0	38.52	0.89	2596.2
				As-Built Total:				235.0	6787.4		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1337.0	1.50		2005.5	
Exterior	1337.0	1.70	2272.9								
Base Total:				1337.0		2272.9		As-Built Total:			
								1337.0		2005.5	
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	21.0	2.40	50.4	Exterior Insulated			21.0	4.10		86.1	
Exterior	72.0	6.10	439.2	Exterior Insulated			21.0	4.10		86.1	
				Adjacent Insulated			21.0	1.60		33.6	
				Exterior Insulated			30.0	4.10		123.0	
Base Total:				93.0		489.6		As-Built Total:			
								93.0		328.8	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1696.0	1.73	2934.1	Under Attic	30.0		1696.0	1.73 X 1.00		2934.1	
Base Total:				1696.0		2934.1		As-Built Total:			
								1696.0		2934.1	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	185.0(p)	-37.0	-6845.0	Slab-On-Grade Edge Insulation	0.0		185.0(p)	-41.20		-7622.0	
Raised	0.0	0.00	0.0								
Base Total:				-6845.0		185.0		As-Built Total:			
								185.0		-7622.0	
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1686.0 10.21 17214.1				1686.0 10.21 17214.1							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 22, Sub: Ft White Park, Plat: 6 Pg 3, Ft White, FL,

PERMIT #:

BASE				AS-BUILT											
Summer Base Points: 22147.4				Summer As-Built Points: 21647.9											
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
									(DM x DSM x AHU)						
22147.4		0.4266		9448.1	21647.9		1.000		(1.090 x 1.147 x 0.91)		0.244		0.902		5418.8
					21647.9		1.00		1.138		0.244		0.902		5418.8

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 22, Sub: Ft White Park, Plat: 6 Pg 3, Ft White, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1686.0	12.74	3866.3	Double, Clear	N	2.0	7.0	30.0	24.58	1.00	739.8
				Double, Clear	N	2.0	5.0	6.0	24.58	1.01	148.4
				Double, Clear	N	2.0	5.0	9.0	24.58	1.01	222.7
				Double, Clear	S	2.0	7.0	15.0	13.30	1.17	233.6
				Double, Clear	S	2.0	3.0	3.0	13.30	2.06	82.4
				Double, Clear	E	2.0	7.0	60.0	18.79	1.05	1178.8
				Double, Clear	E	10.0	7.0	26.0	18.79	1.38	673.2
				Double, Clear	E	10.0	7.0	10.0	18.79	1.38	258.9
				Double, Clear	W	2.0	7.0	76.0	20.73	1.03	1624.5
				As-Built Total:				235.0	5162.4		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1337.0	3.40		4545.8	
Exterior	1337.0	3.70	4946.9								
Base Total:				1337.0		4946.9		As-Built Total:		1337.0 4545.8	
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	21.0	11.50	241.5	Exterior Insulated			21.0	8.40		176.4	
Exterior	72.0	12.30	885.6	Exterior Insulated			21.0	8.40		176.4	
				Adjacent Insulated			21.0	8.00		168.0	
				Exterior Insulated			30.0	8.40		252.0	
Base Total:				93.0		1127.1		As-Built Total:		93.0 772.8	
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1696.0	2.05	3476.8	Under Attic	30.0		1696.0	2.05 X 1.00		3476.8	
Base Total:				1696.0		3476.8		As-Built Total:		1696.0 3476.8	
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	185.0(p)	8.9	1646.5	Slab-On-Grade Edge Insulation	0.0		185.0(p)	18.80		3478.0	
Raised	0.0	0.00	0.0								
Base Total:				1646.5		As-Built Total:		185.0		3478.0	
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1686.0 -0.59 -994.7				1686.0 -0.59 -994.7							

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

ADDRESS: Lot: 22, Sub: Ft White Park, Plat: 6 Pg 3, Ft White, FL,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		14068.9		Winter As-Built Points:				16441.0			
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
14068.9		0.6274	8826.8	16441.0 16441.0		1.000 1.00	(1.069 x 1.169 x 0.93) 1.162	0.432 0.432	0.950 0.950	7835.3 7835.3	

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 22, Sub: Ft White Park, Plat: 6 Pg 3, Ft White, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	N/A
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.	✓

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

FORT WHITE DEVELOPERS

LOT 22

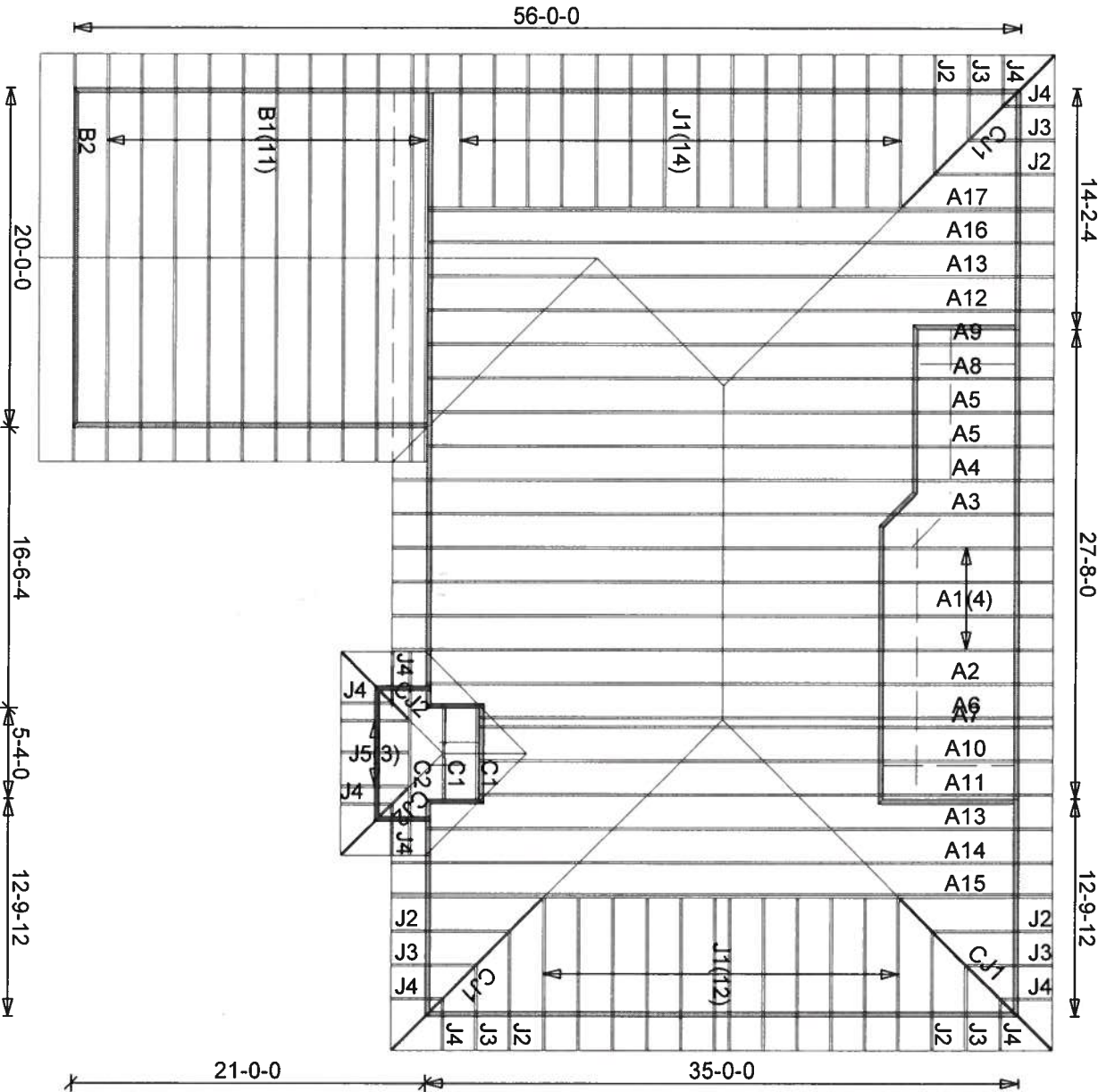
110 MPH ASCE WIND LOAD

Roof Loading

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

Account: CONTRACTORS

Job: FWD-LOT22
Designer: M.MURRAY
Checker: M.MURRAY
Date: 08-27-07





RE: FWD-LOT22 -

Site Information:

Project Customer: FORT WHITE DEVELOPERS Project Name: LOT 22
Lot/Block: FWD-LOT22 Subdivision: -
Address: -
City: COLUMBIA COUNTY State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2004/TPI2002 Design Program: Robbins OnLine Plus 21.0.060□
Wind Code: ASCE 7-02 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 28 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

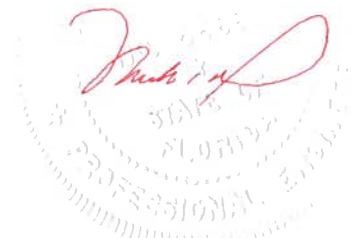
No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T2654585	A1	8/24/07	18	T2654602	B1	8/24/07
2	T2654586	A2	8/24/07	19	T2654603	B2	8/24/07
3	T2654587	A3	8/24/07	20	T2654604	C1	8/24/07
4	T2654588	A4	8/24/07	21	T2654605	C2	8/24/07
5	T2654589	A5	8/24/07	22	T2654606	CJ1	8/24/07
6	T2654590	A6	8/24/07	23	T2654607	CJ2	8/24/07
7	T2654591	A7	8/24/07	24	T2654608	J1	8/24/07
8	T2654592	A8	8/24/07	25	T2654609	J2	8/24/07
9	T2654593	A9	8/24/07	26	T2654610	J3	8/24/07
10	T2654594	A10	8/24/07	27	T2654611	J4	8/24/07
11	T2654595	A11	8/24/07	28	T2654612	J5	8/24/07
12	T2654596	A12	8/24/07				
13	T2654597	A13	8/24/07				
14	T2654598	A14	8/24/07				
15	T2654599	A15	8/24/07				
16	T2654600	A16	8/24/07				
17	T2654601	A17	8/24/07				

The truss drawing(s) referenced above have been prepared by Robbins Engineering, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: Magid, Michael

My license renewal date for the state of Florida is February 28, 2009.

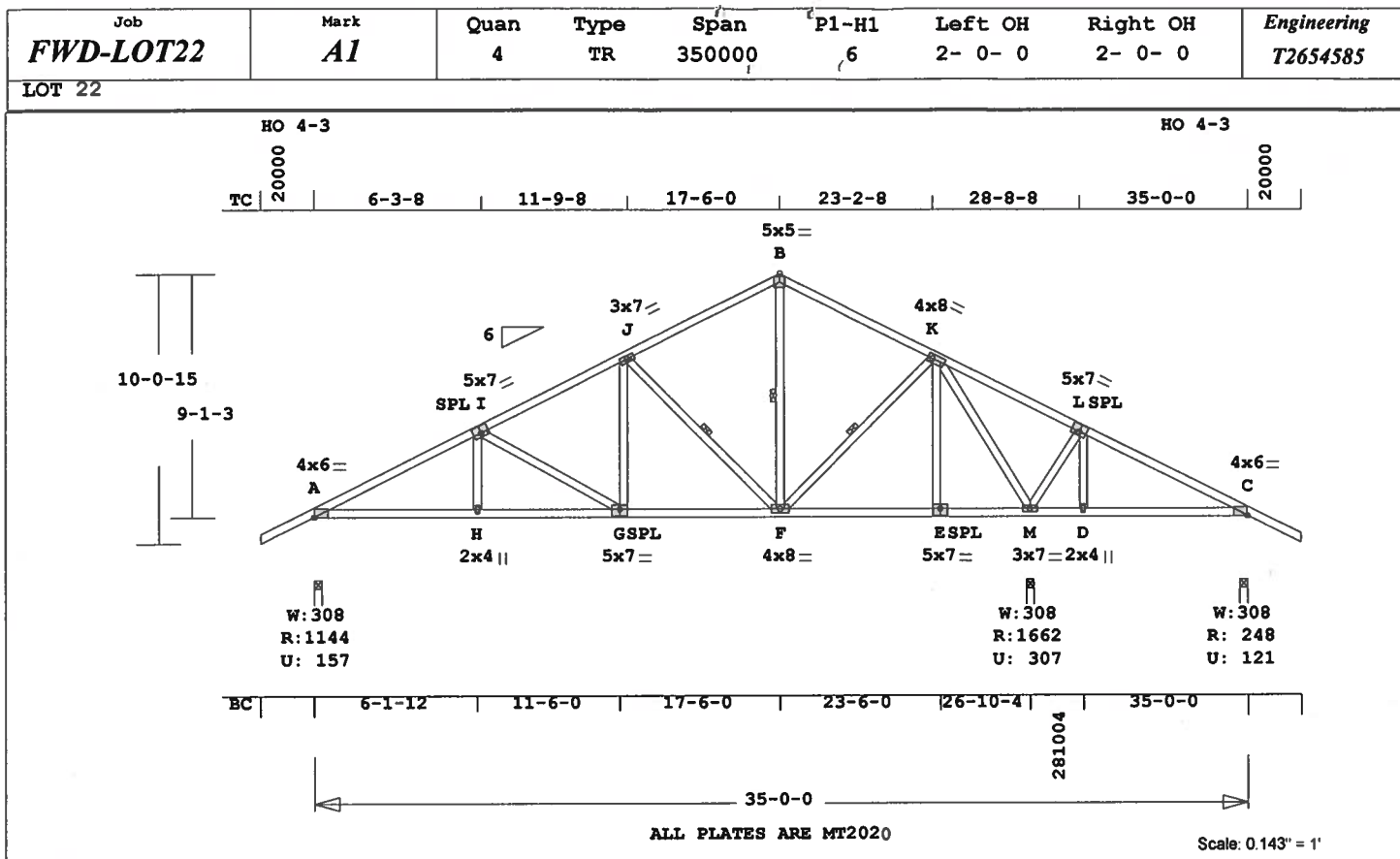
NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.



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August 24, 2007

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Tampa, FL 33610-4115 Magid, Michael
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www.robbseng.com



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 256.9 LBS
 Online Plus -- Version 21.0.060
 RUN DATE: 24-AUG-07

CSI -Size- ----Lumber-----
 TC 0.42 2x 4 SP-#2
 BC 0.36 2x 4 SP-#2
 WB 0.82 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 35- 0- 0
 BC Cont. 0- 0- 0 35- 0- 0
 One Continuous Lateral Brace
 J -F F -B F -K
 Attach CLB with (2)-10d nails
 at each web.

psf-Ld Dead Live
 TC 10.0 20.0
 BC 10.0 0.0
 TC+BC 20.0 20.0
 Total 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

Total Load Reactions (Lbs)
 Jt Down Uplift Horiz
 A 1145 157 U 184 R
 M 1663 307 U
 C 249 121 U 183 R

Jt Brg Size Required
 A 3.5" 1.5"
 M 3.5" 1.8"
 C 3.5" 1.5"

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd
 -----Top Chords-----
 A -I 0.33 1716 C 0.10 0.23
 I -J 0.33 1234 C 0.08 0.25
 J -B 0.31 715 C 0.06 0.25
 B -K 0.30 714 C 0.06 0.24
 K -L 0.42 455 T 0.06 0.36
 L -C 0.40 189 T 0.04 0.36
 -----Bottom Chords-----
 A -H 0.36 1538 T 0.25 0.11

H -G 0.34 1538 T 0.25 0.09
 G -F 0.30 1105 T 0.18 0.12
 F -E 0.22 335 T 0.03 0.19
 E -M 0.15 335 T 0.03 0.12
 M -D 0.19 185 C 0.00 0.19
 D -C 0.20 185 C 0.00 0.20
 -----Webs-----
 H -I 0.03 230 T
 I -G 0.24 497 C
 G -J 0.06 407 T
 J -F 0.15 665 C 1 Br
 F -B 0.05 360 T 1 Br
 F -K 0.07 423 T 1 Br
 E -K 0.03 195 T
 K -M 0.82 1457 C
 M -L 0.08 477 T
 D -L 0.03 226 T

TL Defl -0.07" in D -C L/999
 LL Defl -0.03" in D -C L/999
 Shear // Grain in L -C 0.23

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 4.0x 6.0 Ctr 0.1 0.69
 I MT20 5.0x 7.0-0.2 0.5 0.73
 J MT20 3.0x 7.0 Ctr Ctr 0.43
 B MT20 5.0x 5.0 Ctr Ctr 0.66
 K MT20 4.0x 8.0 Ctr Ctr 0.75
 L MT20 5.0x 7.0 0.2 0.5 0.73
 C MT20 4.0x 6.0 Ctr 0.1 0.69
 H MT20 2.0x 4.0 Ctr Ctr 0.44
 G MT20 5.0x 7.0 Ctr-0.5 0.74
 F MT20 4.0x 8.0 Ctr Ctr 0.42
 E MT20 5.0x 7.0 Ctr-0.5 0.74
 M MT20 3.0x 7.0 Ctr Ctr 0.50
 D MT20 2.0x 4.0 Ctr Ctr 0.44

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 Tampa, FL 33610

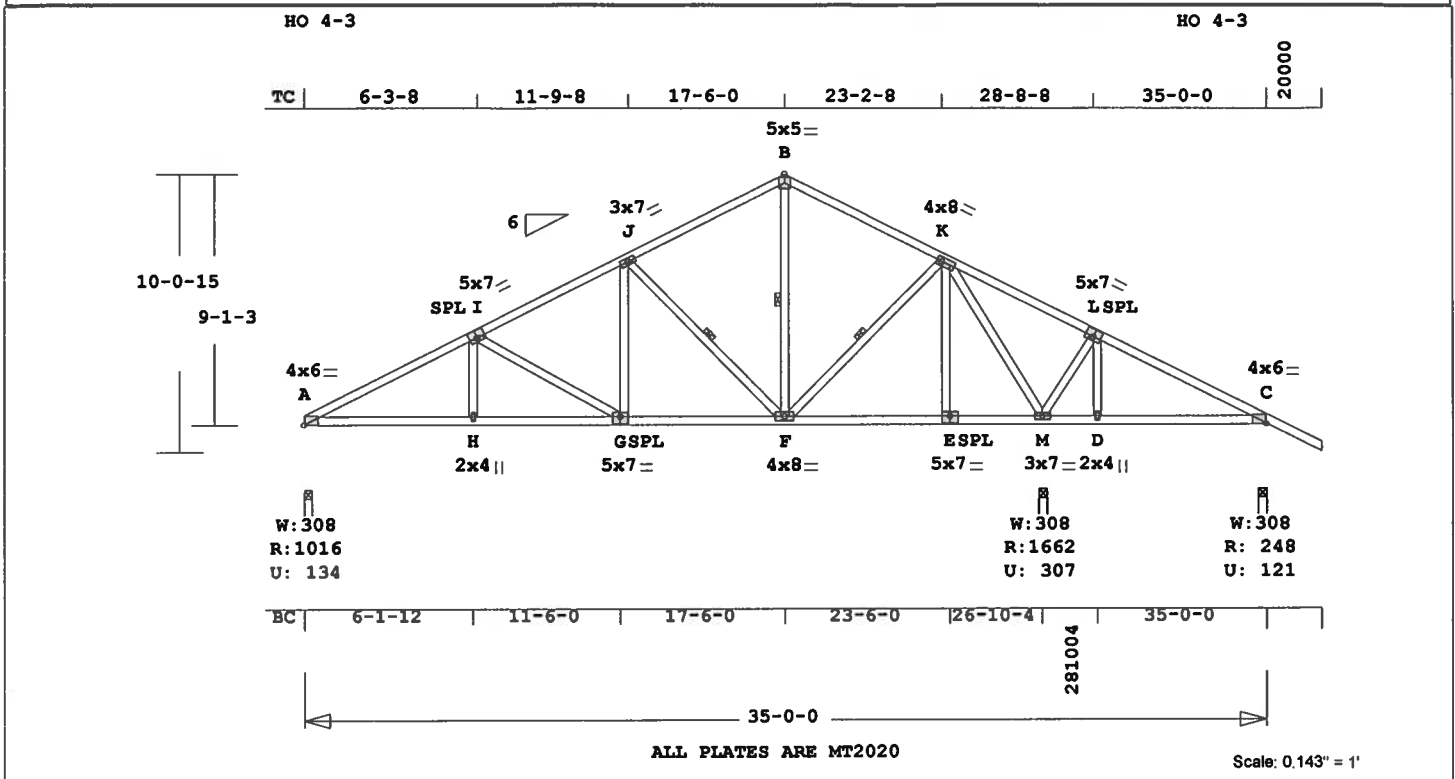
REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.
 NOTES:
 Trusses Manufactured by:

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
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 User-defined wind-exposed BC
 regions --From-- --To--
 26-10-4 35-0-0
 Max comp. force 1716 Lbs
 Max tens. force 1538 Lbs
 Quality Control Factor 1.25

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Job FWD-LOT22	Mark A2	Quan 1	Type TR	Span 35000	P1-H1 6	Left OH 0	Right OH 2- 0- 0	Engineering T2654586
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 252.7 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

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

TC	0.42	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.82	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 0- 0
BC Cont.	0- 0- 0	35- 0- 0

One Continuous Lateral Brace
J -F F -B F -K
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1017	135 U	184 R
M	1663	307 U	
C	249	121 U	183 R

Jt	Brg Size	Required
A	3.5"	1.5"
M	3.5"	1.8"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----				
A -I	0.33	1716 C	0.10	0.23
I -J	0.33	1234 C	0.08	0.25
J -B	0.31	715 C	0.06	0.25
B -K	0.30	714 C	0.06	0.24
K -L	0.42	455 T	0.06	0.36
L -C	0.40	189 T	0.04	0.36
-----Bottom Chords-----				
A -H	0.36	1538 T	0.25	0.11

H -G	0.34	1538 T	0.25	0.09
G -F	0.30	1105 T	0.18	0.12
F -E	0.22	335 T	0.03	0.19
E -M	0.15	335 T	0.03	0.12
M -D	0.19	185 C	0.00	0.19
D -C	0.20	185 C	0.00	0.20

-----Webs-----

H -I	0.03	230 T
I -G	0.24	497 C
G -J	0.06	407 T
J -F	0.15	665 C
F -B	0.05	360 T
F -K	0.07	423 T
E -K	0.03	195 T
K -M	0.82	1457 C
M -L	0.08	477 T
D -L	0.03	226 T

TL Defl	-0.07"	in D -C	L/999
LL Defl	-0.03"	in D -C	L/999
Shear //	Grain	in L -C	0.23

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1 0.69
I	MT20	5.0x 7.0	0.2 0.5	0.73
J	MT20	3.0x 7.0	Ctr Ctr	0.43
B	MT20	5.0x 5.0	Ctr Ctr	0.66
K	MT20	4.0x 8.0	Ctr Ctr	0.75
L	MT20	5.0x 7.0	0.2 0.5	0.73
C	MT20	4.0x 6.0	Ctr	0.1 0.69
H	MT20	2.0x 4.0	Ctr Ctr	0.44
G	MT20	5.0x 7.0	Ctr-0.5	0.74
F	MT20	4.0x 8.0	Ctr Ctr	0.42
E	MT20	5.0x 7.0	Ctr-0.5	0.74
M	MT20	3.0x 7.0	Ctr Ctr	0.50
D	MT20	2.0x 4.0	Ctr Ctr	0.44

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Tampa, FL 33610

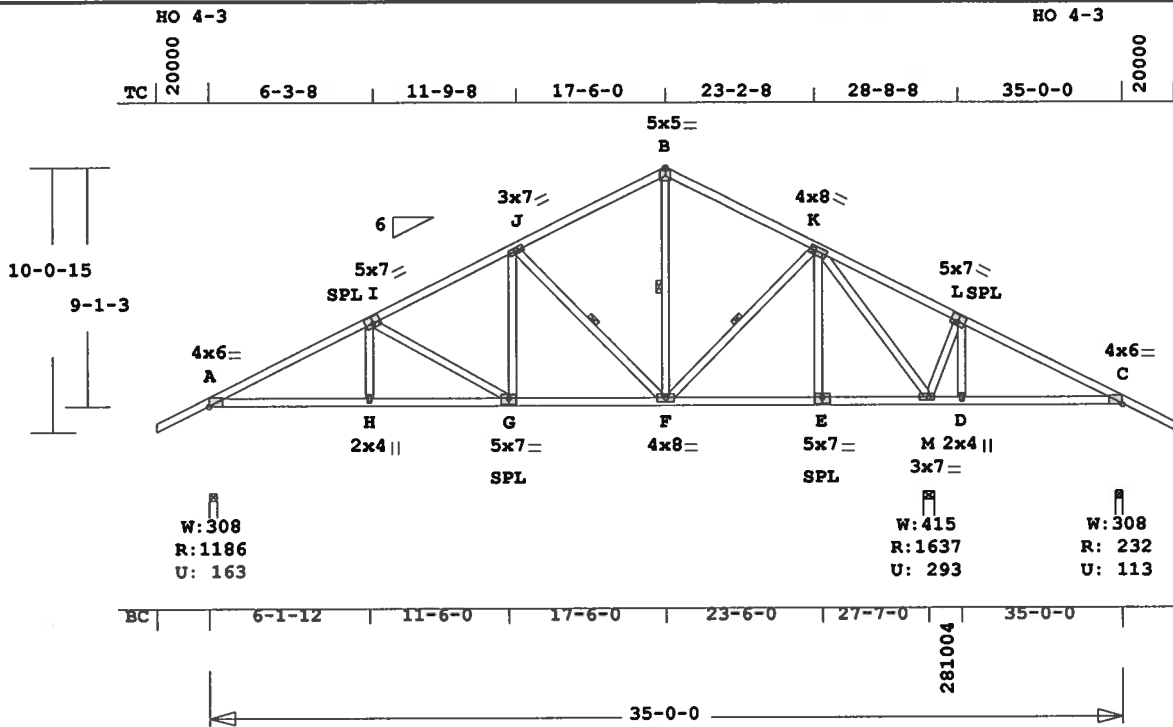
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:

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
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
26-10- 4 35- 0- 0
Max comp. force 1716 Lbs
Max tens. force 1538 Lbs
Quality Control Factor 1.25

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FL Cert.#5555

Job FWD-LOT22	Mark A3	Quan 1	Type TR	Span 35000	P1-H1 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2654587
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 257.0 LBS
Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI -Size- ----Lumber-----
TC 0.41 2x 4 SP-#2
BC 0.37 2x 4 SP-#2
WB 0.93 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 35- 0- 0
BC Cont. 0- 0- 0 35- 0- 0
One Continuous Lateral Brace
J -F F -B F -K
Attach CLB with (2)-10d nails
at each web.

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0
Total 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

Total Load Reactions (Lbs)
Jt Down Uplift Horiz-
A 1186 163 U 184 R
M 1637 294 U
C 233 113 U 183 R

Jt Brg Size Required
A 3.5" 1.5"
M 4.9" 1.8"
C 3.5" 1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -I 0.34 1804 C 0.11 0.23
I -J 0.33 1325 C 0.08 0.25
J -B 0.31 806 C 0.06 0.25
B -K 0.30 805 C 0.06 0.24
K -L 0.41 400 T 0.05 0.36
L -C 0.40 220 T 0.04 0.36
-----Bottom Chords-----
A -H 0.37 1617 T 0.27 0.10

H -G 0.35 1617 T 0.27 0.08
G -F 0.31 1186 T 0.19 0.12
F -E 0.24 500 T 0.05 0.19
E -M 0.18 500 T 0.05 0.13
M -D 0.20 189 C 0.00 0.20
D -C 0.20 189 C 0.00 0.20
-----Webs-----
H -I 0.03 229 T
I -G 0.24 494 C
G -J 0.06 406 T
J -F 0.15 664 C 1 Br
F -B 0.06 421 T 1 Br
B -K 0.05 307 T 1 Br
E -K 0.03 202 T
K -M 0.93 1467 C
M -L 0.07 503 T
D -L 0.03 225 T

TL Defl -0.07" in D -C L/999
LL Defl -0.03" in D -C L/999
Shear // Grain in L -C 0.23

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 6.0 Ctr 0.1 0.69
I MT20 5.0x 7.0-0.2 0.5 0.73
J MT20 3.0x 7.0 Ctr Ctr 0.43
B MT20 5.0x 5.0 Ctr Ctr 0.66
K MT20 4.0x 8.0 Ctr Ctr 0.77
L MT20 5.0x 7.0 0.2 0.5 0.73
C MT20 4.0x 6.0 Ctr 0.1 0.69
H MT20 2.0x 4.0 Ctr Ctr 0.44
G MT20 5.0x 7.0 Ctr-0.5 0.74
F MT20 4.0x 8.0 Ctr Ctr 0.42
E MT20 5.0x 7.0 Ctr-0.5 0.74
M MT20 3.0x 7.0-1.0 Ctr 0.55
D MT20 2.0x 4.0 Ctr Ctr 0.44

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6904 Parke East Blvd.
Tampa, FL 33610

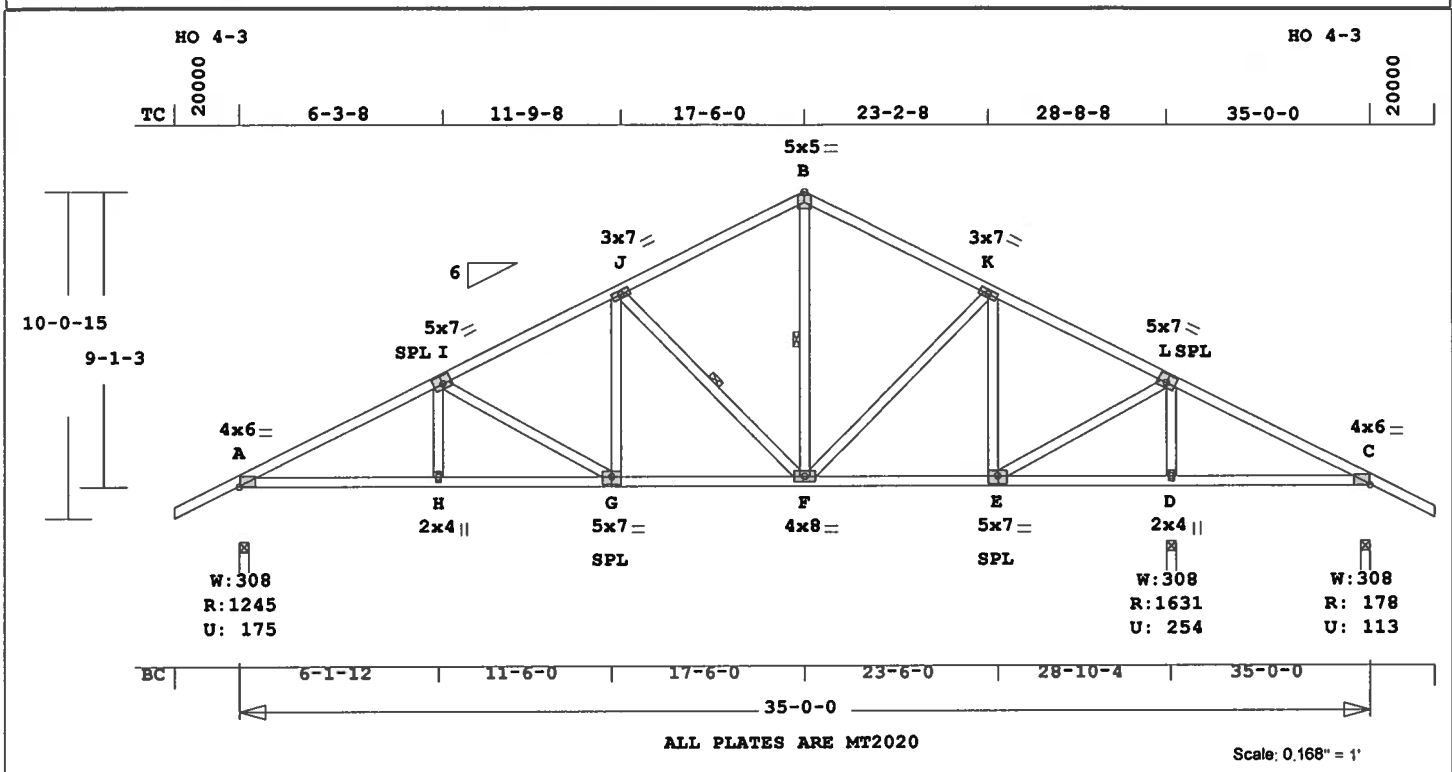
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:

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
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
27- 7- 0 35- 0- 0
Max comp. force 1804 Lbs
Max tens. force 1617 Lbs
Quality Control Factor 1.25

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FL Cert.#5555

Job FWD-LOT22	Mark A4	Quan 1	Type TR	Span 35000	P1-H1 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2654588
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 249.5 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

	CSI	-Size-	-----Lumber-----
TC	0.43	2x 4	SP-#2
BC	0.39	2x 4	SP-#2
WB	0.23	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 0- 0
BC	Cont.	0- 0- 0	35- 0- 0

One Continuous Lateral Brace
J - F F - B
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1246	176 U	184 R
D	1632	255 U	
C	178	114 U	183 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.7"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -I	0.35	1931	C	0.12 0.23
I -J	0.34	1455	C	0.09 0.25
J -B	0.32	938	C	0.07 0.25
B -K	0.31	937	C	0.07 0.24
K -L	0.37	826	C	0.00 0.37
L -C	0.43	335	T	0.06 0.37

-----Bottom Chords-----					
A -H	0.39	1730	T	0.29	0.10
H -G	0.37	1730	T	0.29	0.08
G -F	0.32	1303	T	0.21	0.11
F -E	0.26	735	T	0.07	0.19
E -D	0.23	286	C	0.00	0.23
D -C	0.23	286	C	0.00	0.23

-----Webs-----					
H -I	0.03	227	T		
I -G	0.23	490	C		
G -J	0.06	406	T		
J -F	0.15	662	C	1 Br	
F -B	0.09	505	T	1 Br	
F -K	0.03	148	T		
E -K	0.21	485	C		
E -L	0.21	1174	T		
D -L	0.21	1467	C		

TL Defl -0.06" in D -C L/999
LL Defl -0.03" in D -C L/999
Shear // Grain in L -C 0.23

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt Type	Plt Size	X	Y	JSI
A MT20	4.0x 6.0	Ctr	0.1	0.69
I MT20	5.0x 7.0	0.2	0.5	0.73
J MT20	3.0x 7.0	Ctr	Ctr	0.43
B MT20	5.0x 5.0	Ctr	Ctr	0.66
K MT20	3.0x 7.0	Ctr	Ctr	0.43
L MT20	5.0x 7.0	0.2	0.5	0.73
C MT20	4.0x 6.0	Ctr	0.1	0.69
H MT20	2.0x 4.0	Ctr	Ctr	0.44
G MT20	5.0x 7.0	Ctr	0.5	0.74
F MT20	4.0x 8.0	Ctr	Ctr	0.42
E MT20	5.0x 7.0	Ctr	0.5	0.74
D MT20	2.0x 4.0	Ctr	Ctr	0.44

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Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

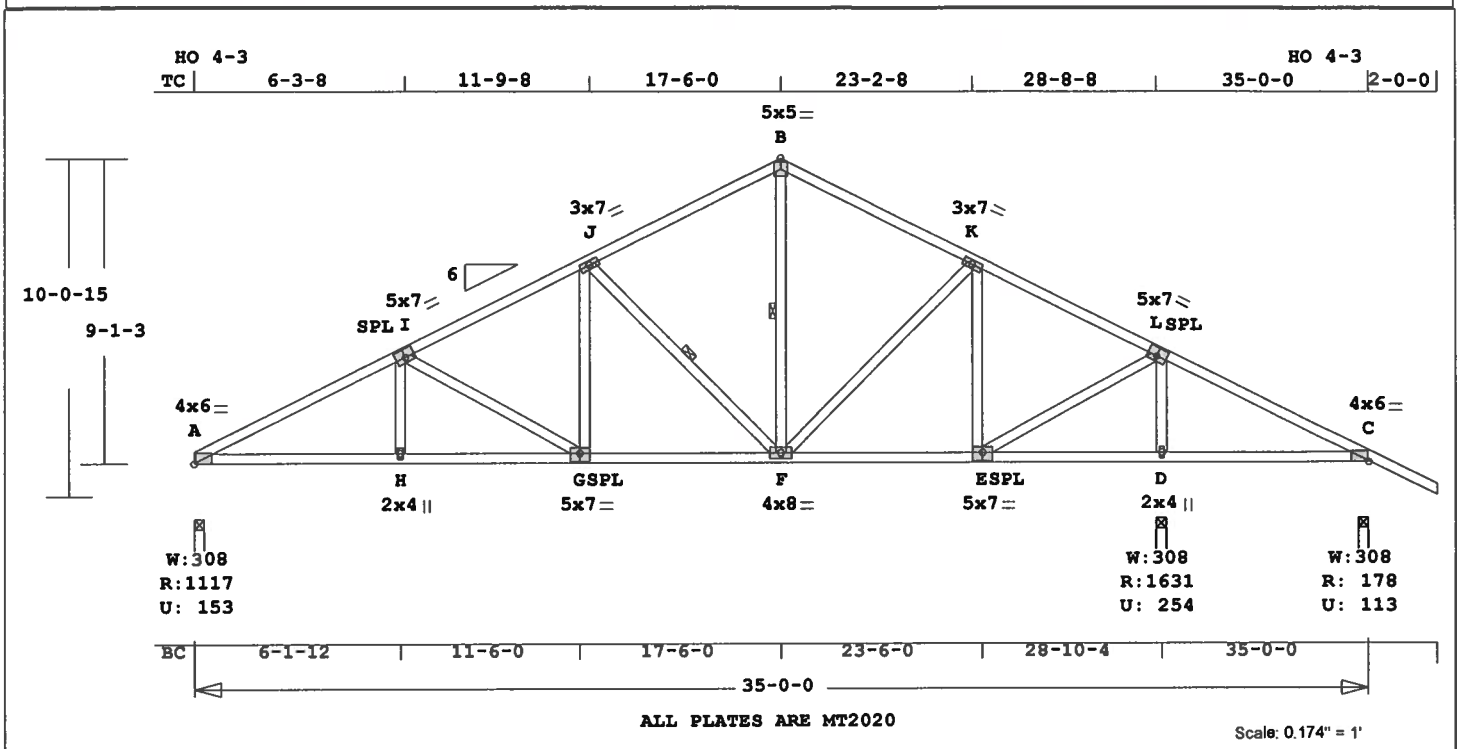
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:

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
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
28-10- 4 35- 0- 0
Max comp. force 1931 Lbs
Max tens. force 1730 Lbs
Quality Control Factor 1.25

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Robbins Engineering
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Tampa, FL, 33610
FL Cert.#5555

Job FWD-LOT22	Mark A5	Quan 2	Type TR	Span 350000	P1-H1 6	Left OH 0	Right OH 2- 0- 0	Engineering T2654589
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 245.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI -Size- ---Lumber---
TC 0.43 2x 4 SP-#2
BC 0.39 2x 4 SP-#2
WB 0.23 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 35- 0- 0
BC Cont. 0- 0- 0 35- 0- 0

One Continuous Lateral Brace

J -F F -B

Attach CLB with (2)-10d nails
at each web.

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0
Total 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

Total Load Reactions (Lbs)

Jt Down Uplift Horiz-
A 1118 153 U 184 R
D 1632 255 U
C 178 114 U 183 R

Jt Brg Size Required
A 3.5" 1.5"
D 3.5" 1.7"
C 3.5" 1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSt-Bnd
-----Top Chords-----
A -I 0.35 1931 C 0.12 0.23
I -J 0.34 1455 C 0.09 0.25
J -B 0.32 938 C 0.07 0.25
B -K 0.31 937 C 0.07 0.24
K -L 0.37 826 C 0.00 0.37

L -C 0.43 335 T 0.06 0.37
-----Bottom Chords-----
A -H 0.39 1730 T 0.29 0.10
H -G 0.37 1730 T 0.29 0.08
G -F 0.32 1303 T 0.21 0.11
F -E 0.26 735 T 0.07 0.19
E -D 0.23 286 C 0.00 0.23
D -C 0.23 286 C 0.00 0.23
-----Webs-----
H -I 0.03 227 T
I -G 0.23 490 C
G -J 0.06 406 T
J -F 0.15 662 C 1 Br
F -B 0.09 505 T 1 Br
B -K 0.03 148 T
E -K 0.21 485 C
E -L 0.21 1174 T
D -L 0.21 1467 C

TL Defl -0.06" in D -C L/999
LL Defl -0.03" in D -C L/999
Shear // Grain in L -C 0.23

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 6.0 Ctr 0.1 0.69
I MT20 5.0x 7.0-0.2 0.5 0.73
J MT20 3.0x 7.0 Ctr Ctr 0.43
B MT20 5.0x 5.0 Ctr Ctr 0.66
K MT20 3.0x 7.0 Ctr Ctr 0.43
L MT20 5.0x 7.0 0.2 0.5 0.73
C MT20 4.0x 6.0 Ctr 0.1 0.69
H MT20 2.0x 4.0 Ctr Ctr 0.44
G MT20 5.0x 7.0 Ctr-0.5 0.74
F MT20 4.0x 8.0 Ctr Ctr 0.42
E MT20 5.0x 7.0 Ctr-0.5 0.74
D MT20 2.0x 4.0 Ctr Ctr 0.44

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

User-defined wind-exposed BC
regions --From-- ---To---

28-10- 4 35- 0- 0

Max comp. force 1931 Lbs

Max tens. force 1730 Lbs

Quality Control Factor 1.25

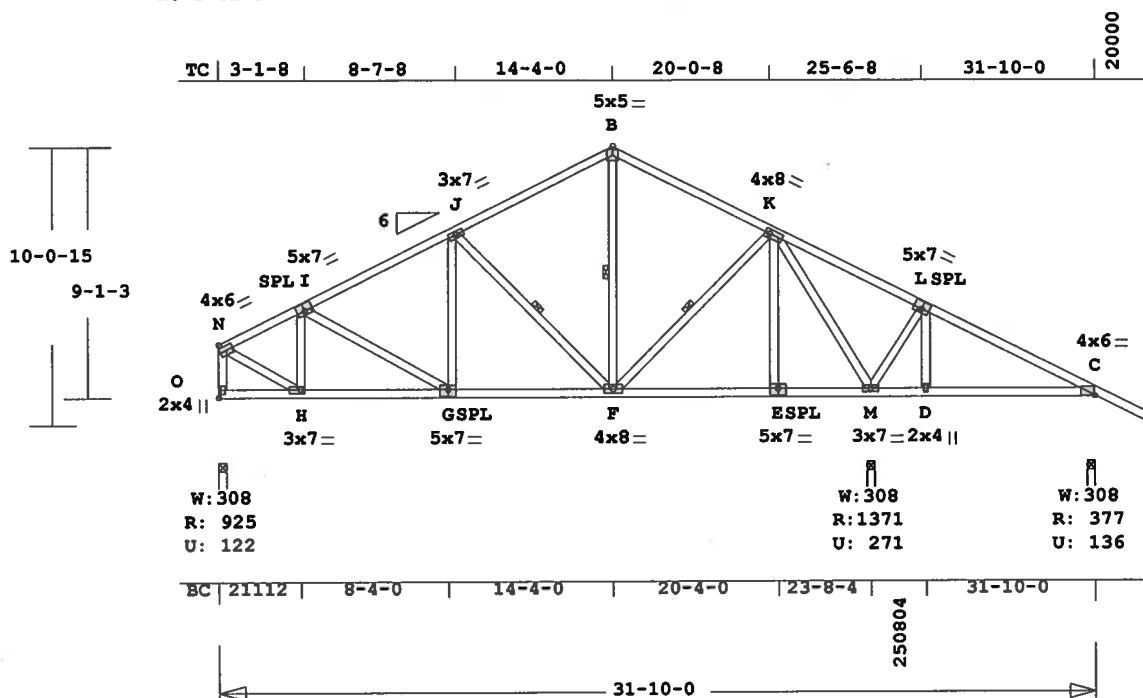
Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

Job FWD-LOT22	Mark A6	Quan 1	Type TR	Span 311000	P1-H1 6	Left OH 0	Right OH 2- 0- 0	Engineering T2654590
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LOT 22

HO 1-11-3

HO 4-3



ALL PLATES ARE MT2020

Scale: 0.143" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 248.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI	-Size-	-----Lumber-----
TC	0.36	2x 4 SP-#2
BC	0.28	2x 4 SP-#2
WB	0.63	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC	Cont.	0- 0- 0 31-10- 0
BC	Cont.	0- 0- 0 31-10- 0

One Continuous Lateral Brace
J -F F -B F -K
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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	

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
O	925	122 U	205 R
M	1371	271 U	
C	378	136 U	174 R

Jt	Brg Size	Required
O	3.5"	1.5"
M	3.5"	1.5"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
N -I	0.21	845 C	0.06 0.15
I -J	0.33	959 C	0.06 0.27
J -B	0.32	654 C	0.05 0.27
B -K	0.31	652 C	0.06 0.25
K -L	0.36	178 T	0.01 0.35
L -C	0.35	190 T	0.00 0.35
-----Bottom Chords-----			
O -H	0.11	182 T	0.00 0.11

H	-G	0.25	770 T	0.08	0.17
G <td>-F</td> <td>0.28</td> <td>864 T</td> <td>0.09</td> <td>0.19</td>	-F	0.28	864 T	0.09	0.19
F <td>-E</td> <td>0.23</td> <td>416 T</td> <td>0.04</td> <td>0.19</td>	-E	0.23	416 T	0.04	0.19
E <td>-M</td> <td>0.16</td> <td>416 T</td> <td>0.04</td> <td>0.12</td>	-M	0.16	416 T	0.04	0.12
M <td>-D</td> <td>0.18</td> <td>88 T</td> <td>0.00</td> <td>0.18</td>	-D	0.18	88 T	0.00	0.18
D <td>-C</td> <td>0.19</td> <td>88 T</td> <td>0.01</td> <td>0.18</td>	-C	0.19	88 T	0.01	0.18

O	-N	0.09	904 C	WindLd
N <td>-H</td> <td>0.16</td> <td>898 T</td> <td></td>	-H	0.16	898 T	
H <td>-I</td> <td>0.05</td> <td>371 C</td> <td></td>	-I	0.05	371 C	
I <td>-G</td> <td>0.01</td> <td>107 T</td> <td></td>	-G	0.01	107 T	
G <td>-J</td> <td>0.02</td> <td>193 T</td> <td></td>	-J	0.02	193 T	
J <td>-F</td> <td>0.09</td> <td>402 C</td> <td>1 Br</td>	-F	0.09	402 C	1 Br
F <td>-B</td> <td>0.04</td> <td>320 T</td> <td>1 Br</td>	-B	0.04	320 T	1 Br
B <td>-K</td> <td>0.04</td> <td>231 T</td> <td>1 Br</td>	-K	0.04	231 T	1 Br
K <td>-M</td> <td>0.03</td> <td>197 T</td> <td></td>	-M	0.03	197 T	
M <td>-L</td> <td>0.63</td> <td>1128 C</td> <td></td>	-L	0.63	1128 C	
L <td>-D</td> <td>0.08</td> <td>473 T</td> <td></td>	-D	0.08	473 T	
D <td>-L</td> <td>0.03</td> <td>222 T</td> <td></td>	-L	0.03	222 T	

TL Defl -0.07" in D -C L/999
LL Defl -0.03" in D -C L/999
Shear // Grain in L -C 0.23

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
N MT20 4.0x 6.0 0.1 Ctr 0.67
I MT20 5.0x 7.0-0.2 0.5 0.69
J MT20 3.0x 7.0 Ctr Ctr 0.42
B MT20 5.0x 5.0 Ctr Ctr 0.63
K MT20 4.0x 8.0 Ctr Ctr 0.58
L MT20 5.0x 7.0 0.2 0.5 0.69
C MT20 4.0x 6.0 Ctr 0.1 0.66
O MT20 2.0x 4.0 Ctr Ctr 0.45
H MT20 3.0x 7.0 Ctr Ctr 0.41
G MT20 5.0x 7.0 Ctr-0.5 0.71
F MT20 4.0x 8.0 Ctr Ctr 0.41
E MT20 5.0x 7.0 Ctr-0.5 0.71
M MT20 3.0x 7.0 Ctr Ctr 0.49
D MT20 2.0x 4.0 Ctr Ctr 0.42

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.
NOTES:

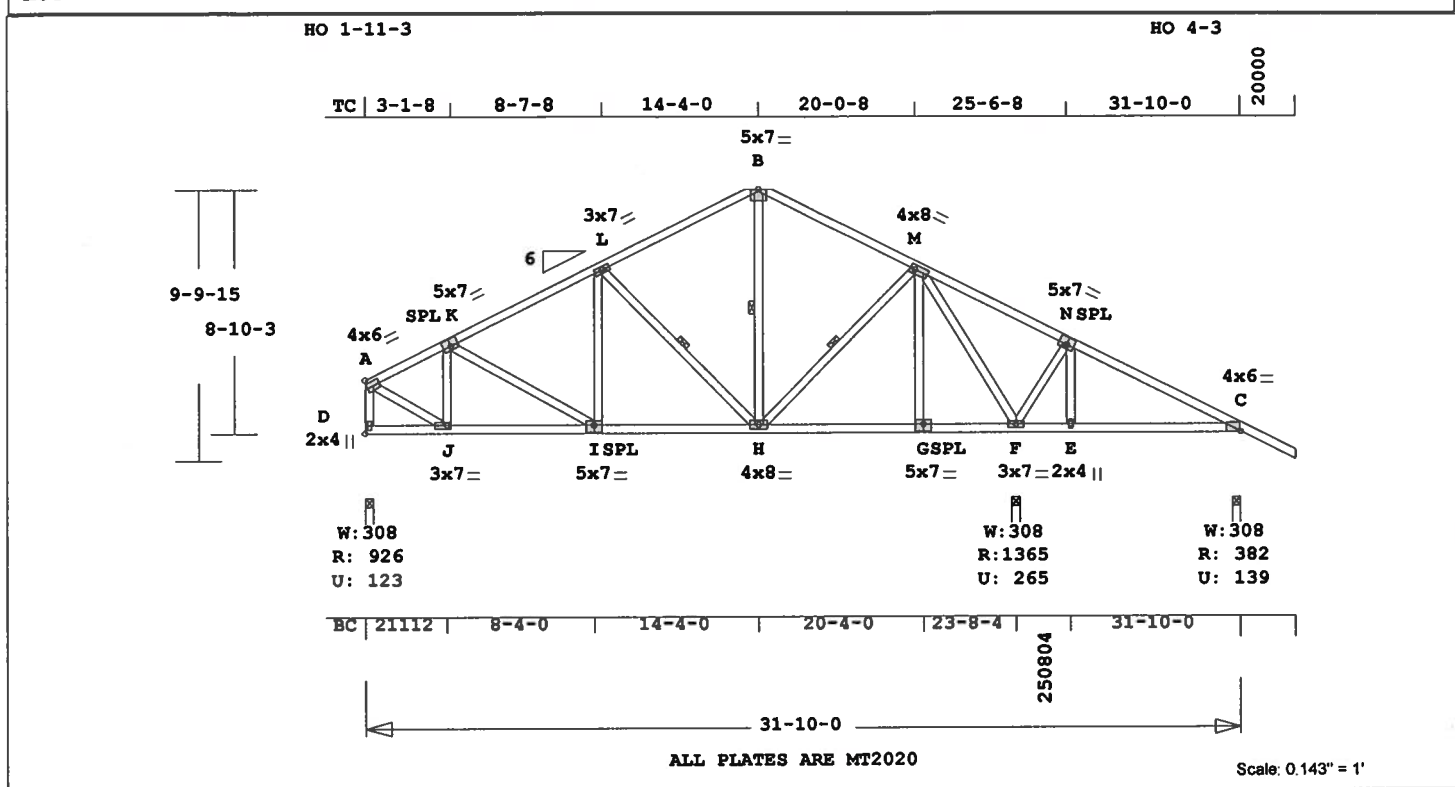
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

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
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
23- 8- 4 31-10- 0
Max comp. force 1128 Lbs
Max tens. force 898 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

Job FWD-LOT22	Mark A7	Quan 1	Type TR	Span 311000	P1-H1 6	Left OH 0	Right OH 2- 0- 0	Engineering T2654591
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 247.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI	-Size-	-----Lumber-----
TC	0.36	2x 4 SP-#2
BC	0.27	2x 4 SP-#2
WB	0.63	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC	Cont.	0- 0- 0 31-10- 0
BC	Cont.	0- 0- 0 31-10- 0

One Continuous Lateral Brace

L -H H -B H -M

Attach CLB with (2)-10d nails at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
D	927	123 U	203 R
F	1365	266 U	
C	382	140 U	172 R

Jt	Brg Size	Required
D	3.5"	1.5"
F	3.5"	1.5"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -K	0.21	847 C	0.06	0.15
K -L	0.33	962 C	0.06	0.27
L -B	0.33	659 C	0.06	0.27
B -M	0.31	657 C	0.06	0.25
M -N	0.36	168 T	0.01	0.35
N -C	0.35	208 T	0.00	0.35
-----Bottom Chords-----				
D -J	0.11	180 T	0.00	0.11

J	-I	0.25	772 T	0.08	0.17
I	-H	0.27	866 T	0.08	0.19
H	-G	0.23	421 T	0.04	0.19
G	-F	0.16	421 T	0.04	0.12
F	-E	0.18	95 T	0.00	0.18
E	-C	0.19	95 T	0.01	0.18

D	-A	0.09	906 C	WindLd
A	-J	0.16	900 T	
J	-K	0.05	371 C	
K	-I	0.02	108 T	
I	-L	0.02	194 T	
L	-H	0.09	403 C	1 Br
H	-B	0.04	315 T	1 Br
B	-M	0.04	226 T	1 Br
M	-F	0.63	1122 C	
F	-N	0.08	472 T	
N	-E	0.03	222 T	

TL Defl -0.07" in E -C L/999

LL Defl -0.03" in E -C L/999

Shear // Grain in N -C 0.23

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	0.1	Ctr	0.67
K	MT20	5.0x 7.0	0.2	0.5	0.69
L	MT20	3.0x 7.0	Ctr	Ctr	0.42
B	MT20	5.0x 7.0	Ctr-1.6	0.89	
M	MT20	4.0x 8.0	Ctr	Ctr	0.57
N	MT20	5.0x 7.0	0.2	0.5	0.69
C	MT20	4.0x 6.0	Ctr	0.1	0.66
D	MT20	2.0x 4.0	Ctr	Ctr	0.45
J	MT20	3.0x 7.0	Ctr	Ctr	0.41
I	MT20	5.0x 7.0	Ctr-0.5	0.71	
H	MT20	4.0x 8.0	Ctr	Ctr	0.41
G	MT20	5.0x 7.0	Ctr-0.5	0.71	
F	MT20	3.0x 7.0	Ctr	Ctr	0.49
E	MT20	2.0x 4.0	Ctr	Ctr	0.42

REVIEWED BY:

Robbins Engineering, Inc.

6904 Parke East Blvd.

Tampa, FL 33610

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 Components and Claddings* for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

User-defined wind-exposed BC regions --From-- --To--

23- 8- 4 31-10- 0

Max comp. force 1122 Lbs

Max tens. force 900 Lbs

Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681

Robbins Engineering

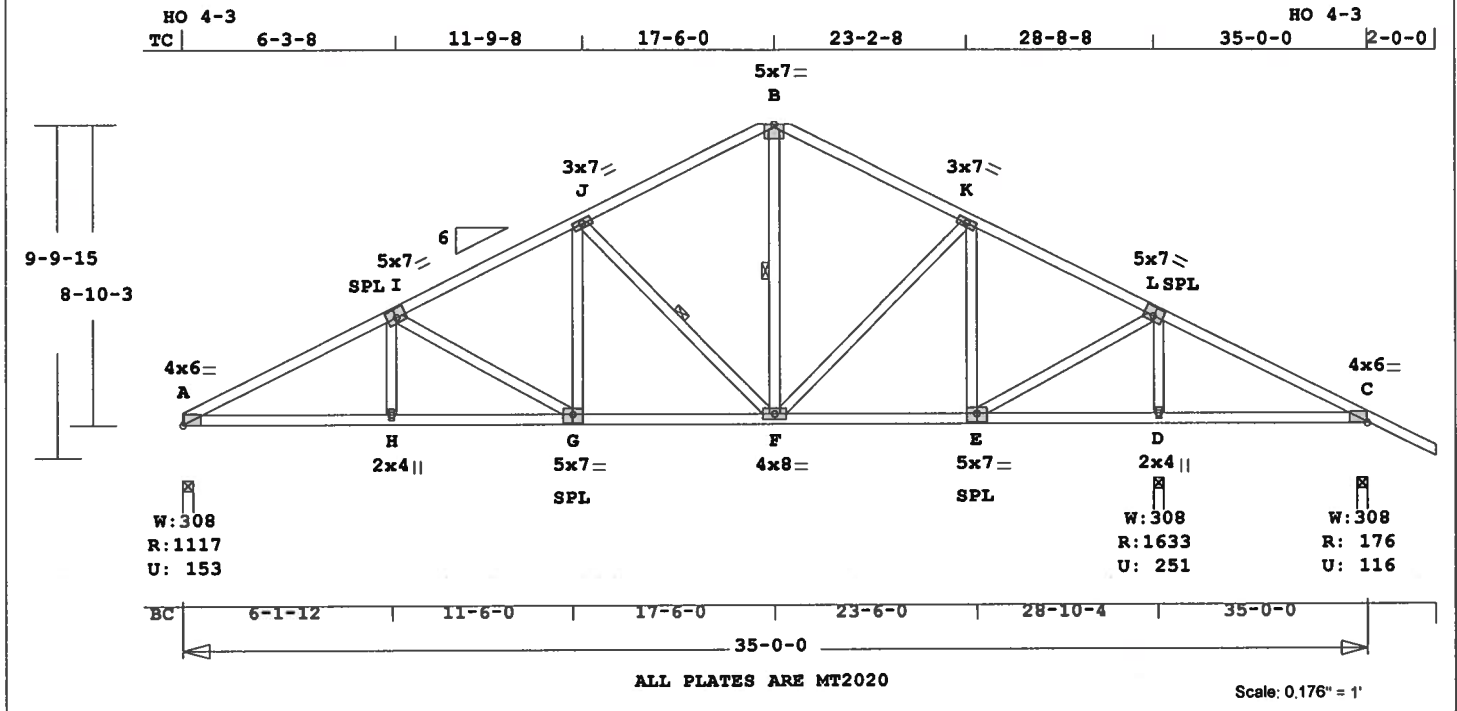
6904 Parke East Blvd

Tampa, FL, 33610

FL Cert.#5555

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FWD-LOT22	A8	1	TR	350000	6	0	2- 0- 0	T2654592

LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 244.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI -Size- ----Lumber-----
TC 0.43 2x 4 SP-#2
BC 0.39 2x 4 SP-#2
WB 0.23 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 35- 0- 0
BC Cont. 0- 0- 0 35- 0- 0
One Continuous Lateral Brace
J -F F -B
Attach CLB with (2)-10d nails
at each web.

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0
Total 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

Total Load Reactions (Lbs)
Jt Down Uplift Horiz-
A 1118 154 U 182 R
D 1634 252 U
C 177 117 U 182 R

Jt Brg Size Required
A 3.5" 1.5"
D 3.5" 1.7"
C 3.5" 1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -I 0.35 1931 C 0.12 0.23
I -J 0.34 1455 C 0.09 0.25
J -B 0.32 940 C 0.07 0.25
B -K 0.31 939 C 0.08 0.23
K -L 0.37 825 C 0.00 0.37

L -C 0.43 338 T 0.06 0.37
-----Bottom Chords-----
A -H 0.39 1729 T 0.29 0.10
H -G 0.37 1729 T 0.29 0.08
G -F 0.32 1302 T 0.21 0.11
F -E 0.26 734 T 0.07 0.19
E -D 0.23 289 C 0.00 0.23
D -C 0.23 289 C 0.00 0.23
-----Webs-----
H -I 0.03 227 T
I -G 0.23 490 C
G -J 0.06 406 T
J -F 0.15 662 C 1 Br
F -B 0.09 497 T 1 Br
F -K 0.03 150 T
E -K 0.21 485 C
E -L 0.21 1175 T
D -L 0.21 1468 C

TL Defl -0.06" in D -C L/999
LL Defl -0.03" in D -C L/999
Shear // Grain in L -C 0.23

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 6.0 Ctr 0.1 0.69
I MT20 5.0x 7.0-0.2 0.5 0.73
J MT20 3.0x 7.0 Ctr Ctr 0.43
B MT20 5.0x 7.0 Ctr-1.6 0.93
K MT20 3.0x 7.0 Ctr Ctr 0.43
L MT20 5.0x 7.0 0.2 0.5 0.73
C MT20 4.0x 6.0 Ctr 0.1 0.69
H MT20 2.0x 4.0 Ctr Ctr 0.44
G MT20 5.0x 7.0 Ctr-0.5 0.74
F MT20 4.0x 8.0 Ctr Ctr 0.42
E MT20 5.0x 7.0 Ctr-0.5 0.74
D MT20 2.0x 4.0 Ctr Ctr 0.44

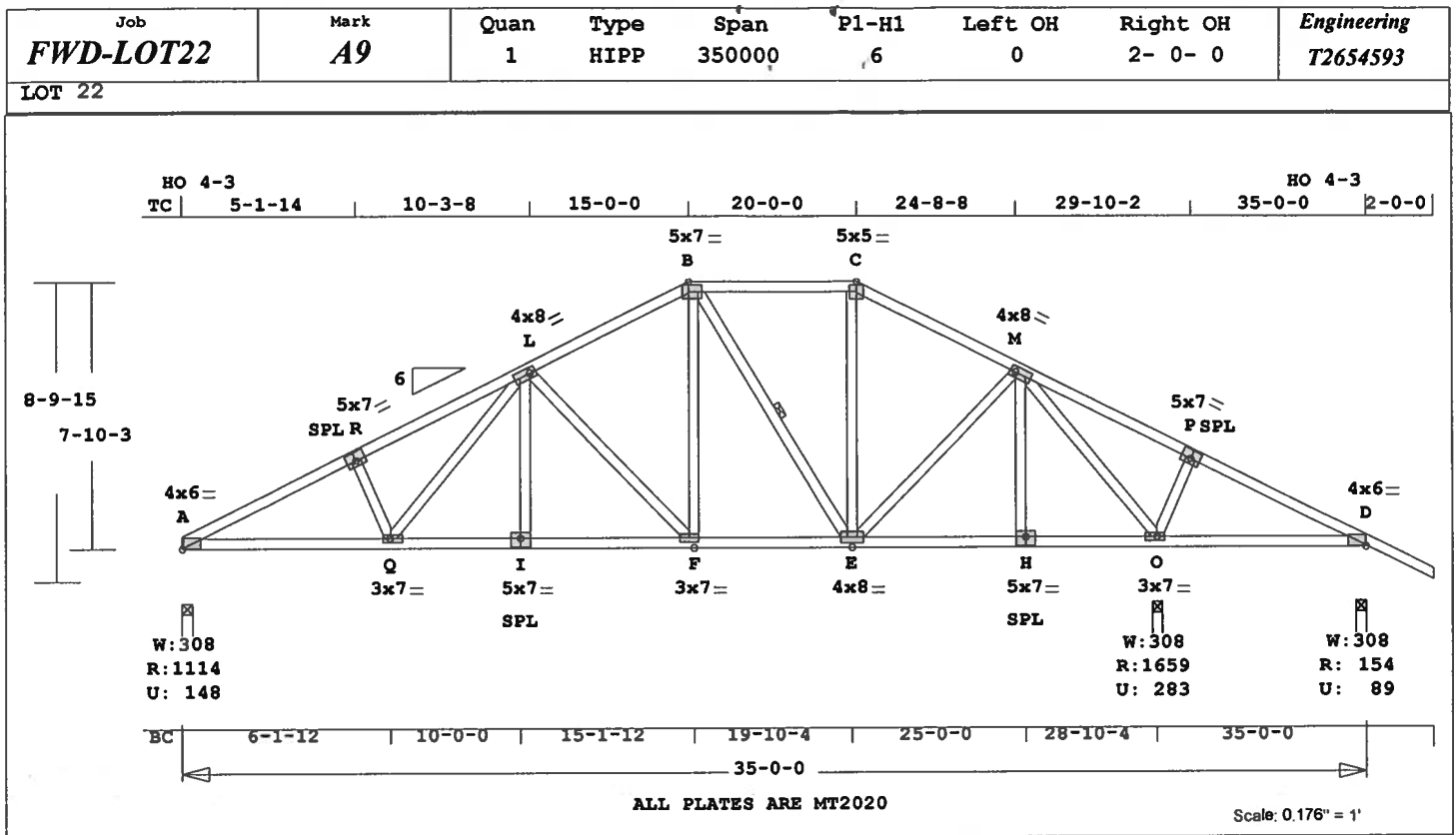
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
28-10- 4 35- 0- 0
Max comp. force 1931 Lbs
Max tens. force 1729 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 263.8 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

	CSI	-Size-	-----Lumber-----
TC	0.36	2x 4	SP-#2
BC	0.38	2x 4	SP-#2
WB	0.80	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 0- 0
BC	Cont.	0- 0- 0	35- 0- 0

One Continuous Lateral Brace
B -E
Attach CLB with (2)-10d nails
at each web.

	psf-Ld	Dead	Live
TC	10.0	20.0	
BC	10.0	0.0	
TC+BC	20.0	20.0	
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1115	148 U	158 R
O	1659	283 U	
D	154	90 U	157 R

Jt	Brg Size	Required
A	3.5"	1.5"
O	3.5"	1.8"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd

	-----Top Chords-----
A -R	0.28 1965 C 0.11 0.17
R -L	0.32 1859 C 0.11 0.21
L -B	0.29 1134 C 0.08 0.21
B -C	0.21 835 C 0.00 0.21
C -M	0.27 937 C 0.07 0.20
M -P	0.36 431 T 0.06 0.30
P -D	0.36 328 T 0.06 0.30

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

A -Q	0.38 1759 T 0.29 0.09
Q -I	0.29 1404 T 0.23 0.06
I -F	0.29 1404 T 0.23 0.06
F -E	0.25 1007 T 0.16 0.09
E -H	0.19 577 T 0.06 0.13
H -O	0.27 577 T 0.09 0.18
O -D	0.20 277 C 0.00 0.20

-----Webs-----

R -Q	0.03 262 T
Q -L	0.13 420 T
L -I	0.02 177 T
I -F	0.34 558 C
F -B	0.14 493 T
B -E	0.08 323 C
E -C	0.05 203 T
C -M	0.06 369 T
M -H	0.02 152 T
H -O	0.80 1563 C
O -P	0.04 307 C

1 Br

TL Defl -0.06" in O -D L/999
LL Defl -0.03" in O -D L/999
Shear // Grain in P -D 0.20

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.69
R	MT20	5.0x 7.0	0.2	0.5	0.73
L	MT20	4.0x 8.0	Ctr	Ctr	0.56
B	MT20	5.0x 7.0	0.5-0.1		0.93
C	MT20	5.0x 5.0	Ctr	0.2	0.99
M	MT20	4.0x 8.0	Ctr	Ctr	0.83
P	MT20	5.0x 7.0	0.2	0.5	0.73
D	MT20	4.0x 6.0	Ctr	0.1	0.69
Q	MT20	3.0x 7.0	1.0	Ctr	0.54
I	MT20	5.0x 7.0	Ctr	0.5	0.74
F	MT20	3.0x 7.0	Ctr	Ctr	0.45
E	MT20	4.0x 8.0	Ctr	Ctr	0.45
H	MT20	5.0x 7.0	Ctr	0.5	0.74
O	MT20	3.0x 7.0	1.0	Ctr	0.54

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

User-defined wind-exposed BC

regions --From-- --To--

28-10- 4 35- 0- 0

Max comp. force 1965 Lbs

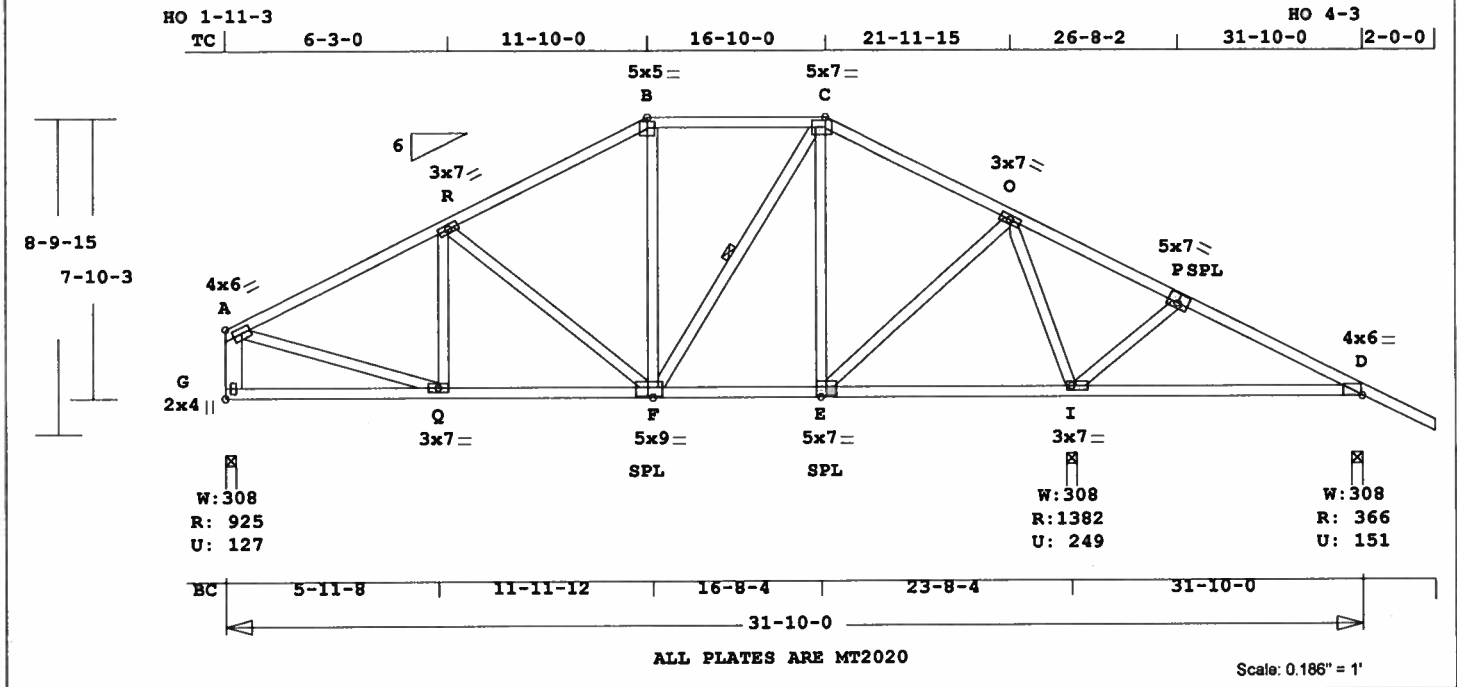
Max tens. force 1759 Lbs

Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FWD-LOT22	A10	1	HIPP	311000	,6	0	2- 0- 0	T2654594

LOT 22



ALL PLATES ARE MT2020

Scale: 0.186" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 241.1 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

	CSI	Size	-----Lumber-----
TC	0.40	2x 4	SP-#2
BC	0.37	2x 4	SP-#2
WB	0.37	2x 4	SP-#2
--	0.05	2x 6	SP-#2
G -A			

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	31-10- 0	
BC Cont.	0- 0- 0	31-10- 0	

One Continuous Lateral Brace
F -C
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
G	926	128 U	181 R
I	1383	250 U	
D	366	152 U	148 R

Jt	Brg Size	Required
G	3.5"	1.5"
I	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -R	0.40	996 C	0.00	0.40
R -B	0.40	788 C	0.00	0.40
B -C	0.17	694 C	0.07	0.10
C -O	0.26	629 C	0.05	0.21
O -P	0.27	170 T	0.03	0.24

	P	-D	0.26	233 T	0.03	0.23
-----Bottom Chords-----						
G -Q	0.22	158 T	0.00	0.22		
Q -F	0.31	906 T	0.09	0.22		
F -E	0.21	559 T	0.05	0.16		
E -I	0.37	188 T	0.01	0.36		
I -D	0.36	125 C	0.00	0.36		
-----Webs-----						
G -A	0.05	873 C	WindLd			
A -Q	0.17	944 T				
Q -R	0.03	175 T				
R -F	0.18	270 C				
F -B	0.03	161 T				
F -C	0.04	253 T			1 Br	
E -C	0.16	234 C				
E -O	0.09	502 T				
O -I	0.37	1061 C				
I -P	0.06	325 T				

TL Defl -0.14" in I -D L/651
LL Defl -0.07" in I -D L/999
Shear // Grain in A -R 0.24

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI

A	MT20	4.0x 6.0	Ctr Ctr	0.67
R	MT20	3.0x 7.0	Ctr Ctr	0.40
B	MT20	5.0x 5.0	Ctr-0.2	0.94
C	MT20	5.0x 7.0	0.5-0.1	0.89
O	MT20	3.0x 7.0	Ctr Ctr	0.53
P	MT20	5.0x 7.0	0.2 0.5	0.69
D	MT20	4.0x 6.0	Ctr	0.1 0.66
G	MT20	2.0x 4.0	Ctr Ctr	0.74
Q	MT20	3.0x 7.0	Ctr Ctr	0.52
F	MT20	5.0x 9.0	0.5-0.5	0.71
E	MT20	5.0x 7.0	Ctr-0.5	0.71
I	MT20	3.0x 7.0	Ctr Ctr	0.38

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
23- 8- 4 31-10- 0
Max comp. force 1061 Lbs
Max tens. force 944 Lbs
Quality Control Factor 1.25

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LOT 22

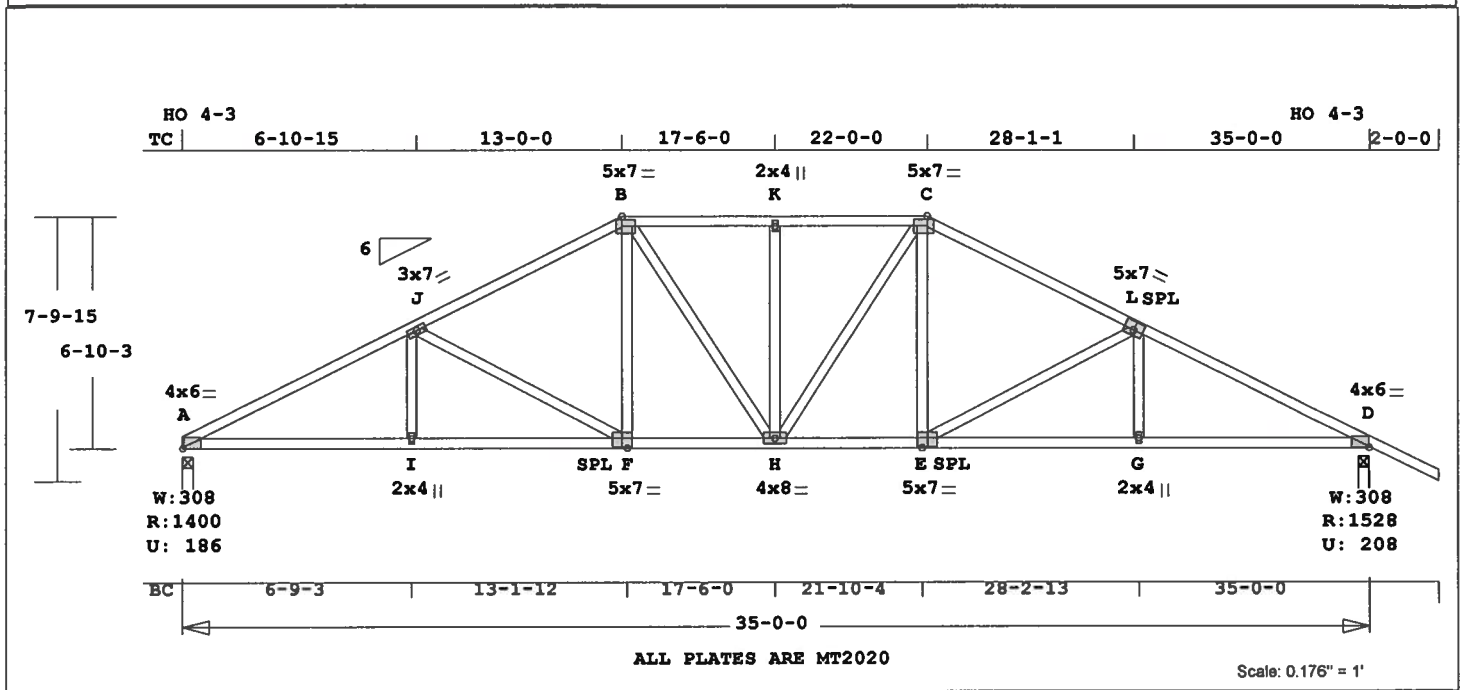


Scale: 0 186" = 1'

Robbins Engineering, Inc./Online Plus™ © 1996-2007 Version 21.0.060 Engineering - Portrait 8/24/2007 10:16:35 AM Page 1

Job FWD-LOT22	Mark A12	Quan 1	Type HIPP	Span 350000	Pl-H1 6	Left OH 0	Right OH 2- 0- 0	Engineering T2654596
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 244.5 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI	Size	Lumber
TC	0.46	2x 4 SP-#2
BC	0.48	2x 4 SP-#2
WB	0.36	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 0- 0
BC Cont.	0- 0- 0	35- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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		

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1400	187 U	137 R
D	1528	209 U	137 R

Jt	Brg Size	Required
A	3.5"	1.7"
D	3.5"	1.8"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd

Top Chords					
A -J	0.46	2507 C	0.14	0.32	
J -B	0.44	1951 C	0.12	0.32	
B -K	0.21	1855 C	0.12	0.09	
K -C	0.21	1855 C	0.12	0.09	
C -L	0.44	1951 C	0.12	0.32	
L -D	0.46	2507 C	0.14	0.32	
Bottom Chords					
A -I	0.48	2246 T	0.37	0.11	
I -F	0.47	2246 T	0.37	0.10	
F -H	0.38	1735 T	0.29	0.09	
H -E	0.38	1735 T	0.29	0.09	

E -G	0.47	2246 T	0.37	0.10
G -D	0.48	2246 T	0.37	0.11

Webs			
I -J	0.04	264 T	
J -F	0.36	572 C	
F -B	0.07	424 T	
B -H	0.08	216 T	
H -K	0.15	288 C	
K -C	0.08	216 T	
E -C	0.07	424 T	
E -L	0.36	572 C	
G -L	0.04	264 T	

TL Defl -0.25" in E -G L/999
LL Defl -0.12" in F -H L/999
Shear // Grain in A -J 0.22

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 6.0 Ctr 0.1 0.69
J MT20 3.0x 7.0 Ctr Ctr 0.40
B MT20 5.0x 7.0-0.5-0.1 0.93
K MT20 2.0x 4.0 Ctr Ctr 0.44
C MT20 5.0x 7.0 0.5-0.1 0.93
L MT20 5.0x 7.0 0.2 0.5 0.73
D MT20 4.0x 6.0 Ctr 0.1 0.69
I MT20 2.0x 4.0 Ctr Ctr 0.44
F MT20 5.0x 7.0 Ctr-0.5 0.74
H MT20 4.0x 8.0 Ctr Ctr 0.45
E MT20 5.0x 7.0 Ctr-0.5 0.74
G MT20 2.0x 4.0 Ctr Ctr 0.44

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

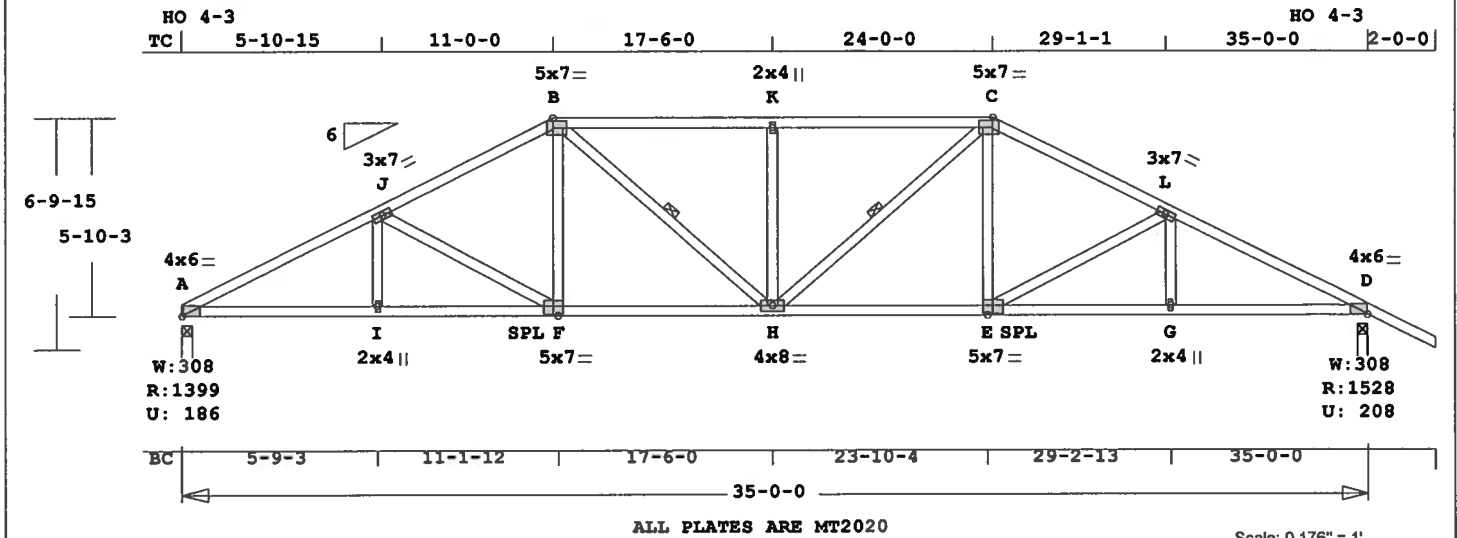
OH Loading

Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2507 Lbs
Max tens. force 2246 Lbs
Quality Control Factor 1.25

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Job FWD-LOT22	Mark A13	Quan 2	Type HIPP	Span 350000	P1-H1 6	Left OH 0	Right OH 2- 0- 0	Engineering T2654597
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 234.0 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

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

TC	0.48	2x 4	SP-#2
BC	0.48	2x 4	SP-#2
WB	0.19	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 0- 0
BC Cont.	0- 0- 0	35- 0- 0

One Continuous Lateral Brace
B -H H -C

Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1400	187 U	115 R
D	1528	209 U	115 R

Jt	Brg Size	Required
A	3.5"	1.7"
D	3.5"	1.8"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

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

A -J	0.36	2548 C	0.14	0.22
J -B	0.34	2122 C	0.12	0.22
B -K	0.48	2224 C	0.03	0.45
K -C	0.48	2224 C	0.03	0.45
C -L	0.34	2122 C	0.12	0.22
L -D	0.36	2548 C	0.14	0.22

-----Bottom Chords-----
A -I 0.45 2277 T 0.38 0.07

I -F	0.48	2277 T	0.38	0.10
F -H	0.43	1895 T	0.31	0.12
H -E	0.43	1895 T	0.31	0.12
E -G	0.48	2277 T	0.38	0.10
G -D	0.45	2277 T	0.38	0.07

-----Webs-----

I -J	0.03	201 T	
J -F	0.19	427 C	
F -B	0.06	387 T	
B -H	0.08	433 T	1 Br
H -K	0.16	436 C	
H -C	0.08	433 T	1 Br
E -C	0.06	387 T	
E -L	0.19	427 C	
G -L	0.03	201 T	

TL Defl -0.28" in F -H L/999
LL Defl -0.13" in F -H L/999
Shear // Grain in B -K 0.28

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 6.0 Ctr 0.1 0.69
J MT20 3.0x 7.0 Ctr Ctr 0.40
B MT20 5.0x 7.0-0.5-0.1 0.93
K MT20 2.0x 4.0 Ctr Ctr 0.44
C MT20 5.0x 7.0 0.5-0.1 0.93
L MT20 3.0x 7.0 Ctr Ctr 0.40
D MT20 4.0x 6.0 Ctr 0.1 0.69
I MT20 2.0x 4.0 Ctr Ctr 0.44
F MT20 5.0x 7.0 Ctr-0.5 0.74
H MT20 4.0x 8.0 Ctr Ctr 0.42
E MT20 5.0x 7.0 Ctr-0.5 0.74
G MT20 2.0x 4.0 Ctr Ctr 0.44

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 2548 Lbs

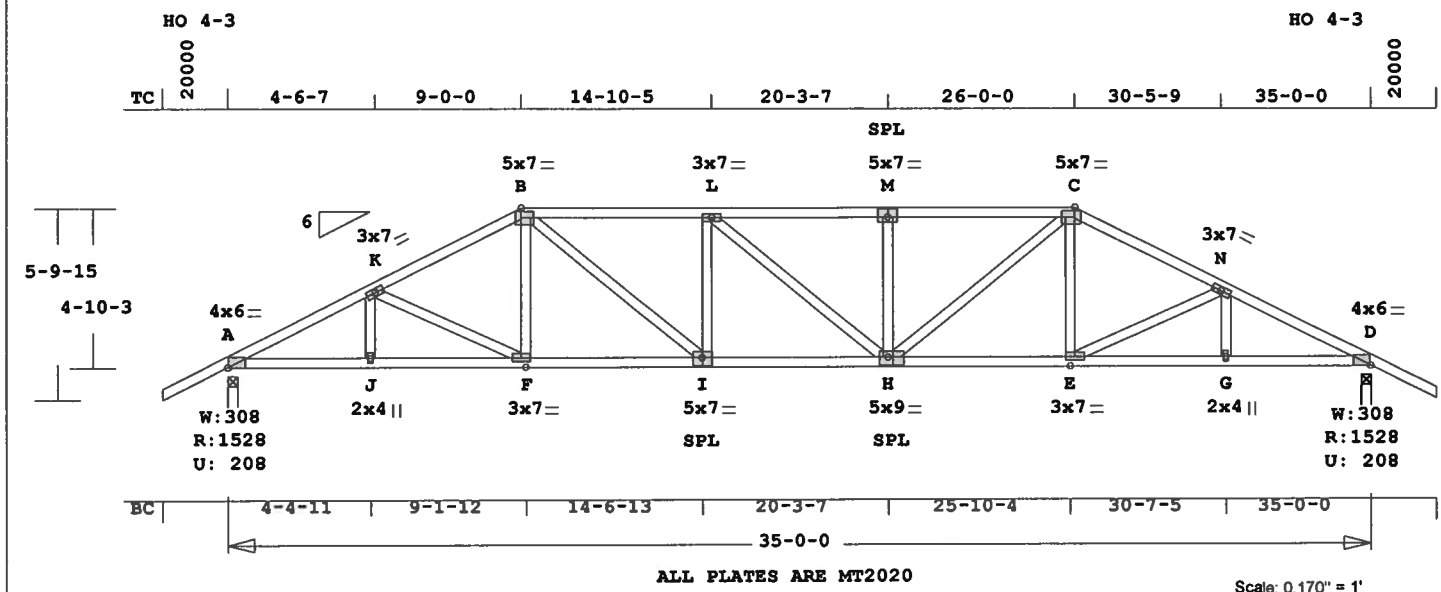
Max tens. force 2277 Lbs

Quality Control Factor 1.25

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FL Cert.#5555

Job FWD-LOT22	Mark A14	Quan 1	Type HIPP	Span 350000	P1-H1 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2654598
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 241.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI -Size- ----Lumber-----
TC 0.32 2x 4 SP-#2
BC 0.50 2x 4 SP-#2
WB 0.17 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	35- 0- 0	
BC Cont.	0- 0- 0	35- 0- 0	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	1528	209 U	94 R
D	1528	209 U	94 R

Jt	Brg Size	Required
A	3.5"	1.8"
D	3.5"	1.8"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -K	0.28	2601 C	0.14 0.14
K -B	0.29	2286 C	0.13 0.16
B -L	0.32	2618 C	0.07 0.25
L -M	0.32	2618 C	0.04 0.28
M -C	0.32	2618 C	0.04 0.28
C -N	0.29	2286 C	0.13 0.16
N -D	0.28	2601 C	0.14 0.14
-----Bottom Chords-----			
A -J	0.49	2318 T	0.38 0.11
J -F	0.47	2318 T	0.38 0.09
F -I	0.43	2047 T	0.34 0.09

I -H	0.50	2619 T	0.43 0.07
H -E	0.43	2047 T	0.34 0.09
E -G	0.47	2318 T	0.38 0.09
G -D	0.49	2318 T	0.38 0.11
-----Webs-----			
J -K	0.02	143 T	
K -F	0.09	293 C	
F -B	0.04	310 T	
B -I	0.17	733 T	
I -L	0.09	348 C	
L -H	0.02	47 C	
H -M	0.09	348 C	
M -C	0.17	732 T	
E -C	0.04	310 T	
E -N	0.09	293 C	
G -N	0.02	142 T	

TL Defl -0.34" in I -H L/999
LL Defl -0.16" in I -H L/999
Shear // Grain in B -L 0.23

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 6.0 Ctr 0.1 0.69
K MT20 3.0x 7.0 Ctr Ctr 0.40
B MT20 5.0x 7.0-0.5-0.1 0.93
L MT20 3.0x 7.0 Ctr Ctr 0.43
M MT20 5.0x 7.0 Ctr 0.5 0.74
C MT20 5.0x 7.0 0.5-0.1 0.93
N MT20 3.0x 7.0 Ctr Ctr 0.40
D MT20 4.0x 6.0 Ctr 0.1 0.69
J MT20 2.0x 4.0 Ctr Ctr 0.44
F MT20 3.0x 7.0 Ctr Ctr 0.45
I MT20 5.0x 7.0 Ctr-0.5 0.74
H MT20 5.0x 9.0-0.5-0.5 0.74
E MT20 3.0x 7.0 Ctr Ctr 0.45
G MT20 2.0x 4.0 Ctr Ctr 0.44

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 2618 Lbs

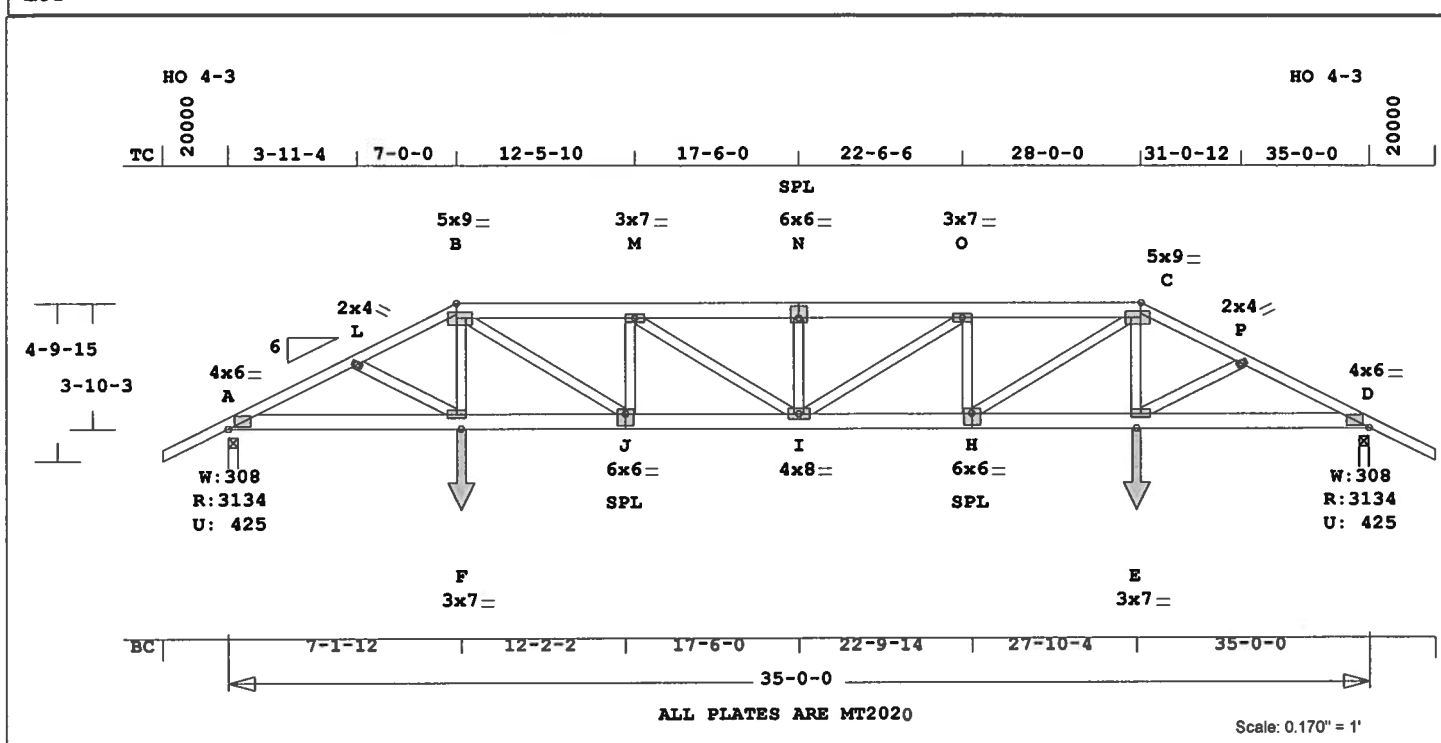
Max tens. force 2619 Lbs

Quality Control Factor 1.25

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Tampa, FL, 33610
FL Cert.#5555

Job FWD-LOT22	Mark A15	Quan 1*2P	Type HIPP	Span 350000	P1-H1 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2654599
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LOT 22



Online Plus -- Version 21.0.060
 RUN DATE: 24-AUG-07

 * 2-Ply Truss *

CSI -Size- ---Lumber---
 TC 0.34 2x 4 SP-#2
 -- 0.26 2x 6 SP-#2
 B -N N -C
 BC 0.59 2x 6 SP-#2
 WB 0.26 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 35- 0- 0
 BC Cont. 0- 0- 0 35- 0- 0

psf-Ld Dead Live
 TC 10.0 20.0
 BC 10.0 0.0
 TC+BC 20.0 20.0
 Total 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

Total Load Reactions (Lbs)
 Jt Down Uplift Horiz-
 A 3134 425 U 71 R
 D 3134 425 U 71 R

Jt Brg Size Required
 A 3.5" 1.8"
 D 3.5" 1.8"

LC# 1 Girder Loading
 Dur Fctrs - Lbr 1.25 Plt 1.25
 plf - Dead Live* From To
 TC V 20 40 0.0' 35.0'
 BC V 20 0 0.0' 35.0'
 TC V 25 50 7.0' 28.0'
 BC V 25 0 7.1' 27.9'
 BC V 280 280 7.1' CL-LB
 BC V 280 280 27.9' CL-LB

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Membr CSI F Lbs Axl-Csi-Bnd
 -----Top Chords-----
 A -L 0.23 6121 C 0.18 0.05
 L -B 0.34 6043 C 0.07 0.27
 B -M 0.25 7840 C 0.17 0.08
 M -N 0.26 8480 C 0.18 0.08
 N -O 0.26 8480 C 0.18 0.08
 O -C 0.25 7840 C 0.17 0.08
 C -P 0.34 6043 C 0.07 0.27

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 281.3 LBS

P -D 0.23 6121 C 0.18 0.05
 -----Bottom Chords-----
 A -F 0.44 5449 T 0.36 0.08
 F -J 0.44 5430 T 0.36 0.08
 J -I 0.59 7840 T 0.52 0.07
 I -H 0.59 7840 T 0.52 0.07
 H -E 0.44 5430 T 0.36 0.08
 E -D 0.44 5449 T 0.36 0.08
 -----Webs-----
 L -F 0.01 159 T
 F -B 0.06 734 T
 B -J 0.26 2834 T
 J -M 0.06 1214 C
 M -I 0.07 765 T
 I -N 0.03 645 C
 I -O 0.07 765 T
 H -O 0.06 1214 C
 H -C 0.26 2834 T
 E -C 0.06 734 T
 E -P 0.01 159 T

TL Defl -0.42" in J -I L/991
 LL Defl -0.21" in J -I L/999
 Shear // Grain in B -M 0.17

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 4.0x 6.0 Ctr Ctr 0.72
 L MT20 2.0x 4.0 Ctr Ctr 0.44
 B MT20 5.0x 9.0-0.5 Ctr 1.00
 M MT20 3.0x 7.0 Ctr Ctr 0.42
 N MT20 6.0x 6.0 Ctr 1.2 0.59
 O MT20 3.0x 7.0 Ctr Ctr 0.42
 C MT20 5.0x 9.0 0.5 Ctr 1.00
 P MT20 2.0x 4.0 Ctr Ctr 0.44
 D MT20 4.0x 6.0 Ctr Ctr 0.72
 F MT20 3.0x 7.0 Ctr Ctr 0.44
 J MT20 6.0x 6.0 Ctr-1.2 0.68
 I MT20 4.0x 8.0 Ctr Ctr 0.44
 H MT20 6.0x 6.0 Ctr-1.2 0.68
 E MT20 3.0x 7.0 Ctr Ctr 0.44

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL 33610

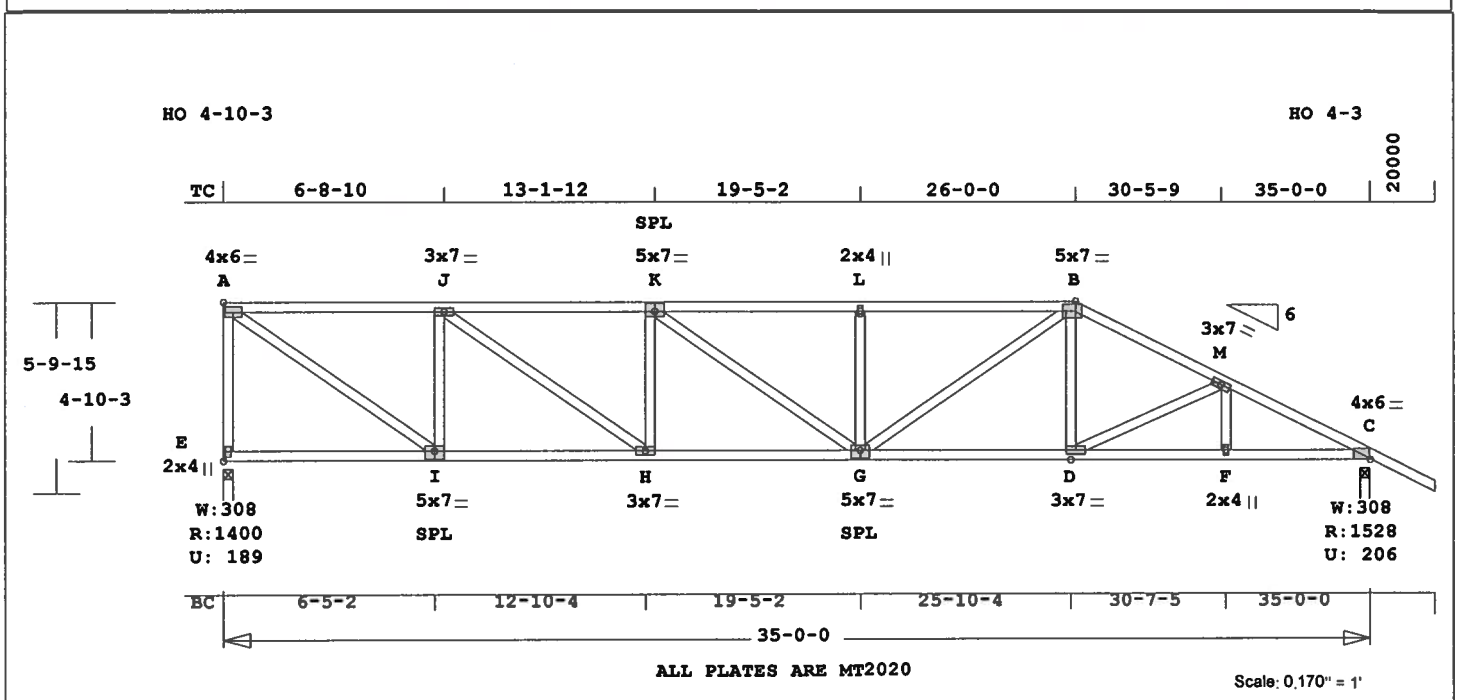
REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.
 NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 Girder Step Down Hip

Framing King Jacks
 Jack Open Faced
 Setback 7- 0- 0
 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.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 8480 Lbs
 Max tens. force 7840 Lbs
 Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
 Robbins Engineering
 6904 Parke East Blvd
 Tampa, FL, 33610
 FL Cert.#5555

Job FWD-LOT22	Mark A16	Quan 1	Type HHIP	Span 350000	P1-H1 ,6	Left OH 0	Right OH 2- 0- 0	Engineering T2654600
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 249.5 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI -Size- ---Lumber---

TC	0.49	2x 4	SP-#2
BC	0.53	2x 4	SP-#2
WB	0.56	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	35- 0- 0	
BC Cont.	0- 0- 0	35- 0- 0	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt Down	Uplift	Horiz-
E 1400	189 U	160 R
C 1528	206 U	74 R

Jt	Brg Size	Required
E	3.5"	1.7"
C	3.5"	1.8"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd

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

A -J	0.46	1667 C	0.01	0.45
J -K	0.49	2516 C	0.04	0.45
K -L	0.44	2672 C	0.04	0.40
L -B	0.44	2672 C	0.04	0.40
B -M	0.28	2290 C	0.12	0.16
M -C	0.28	2599 C	0.14	0.14

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

E -I	0.26	190 T	0.00	0.26
I -H	0.43	1667 T	0.17	0.26
H -G	0.53	2516 T	0.42	0.11
G -D	0.45	2051 T	0.34	0.11

D -F	0.49	2315 T	0.38	0.11
F -C	0.49	2315 T	0.38	0.11
-----Webs-----				
E -A	0.35	1344 C	WindLd	
A -I	0.56	2044 T		
I -J	0.27	1038 C		
J -H	0.30	1040 T		
H -K	0.12	477 C		
K -G	0.08	192 T		
G -L	0.10	412 C		
G -B	0.18	755 T		
D -B	0.05	325 T		
D -M	0.09	285 C		
F -M	0.02	136 T		

TL Defl	-0.33"	in H -G	L/999
LL Defl	-0.16"	in H -G	L/999
Shear // Grain	in A -J	0.30	

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt Type	Plt Size	X	Y	JSI
A MT20	4.0x 6.0	Ctr	Ctr	0.73
J MT20	3.0x 7.0	Ctr	Ctr	0.42
K MT20	5.0x 7.0	Ctr	0.5	0.74
L MT20	2.0x 4.0	Ctr	Ctr	0.44
B MT20	5.0x 7.0	0.5-0.1	0.93	
M MT20	3.0x 7.0	Ctr	Ctr	0.40
C MT20	4.0x 6.0	Ctr	0.1	0.69
E MT20	2.0x 4.0	Ctr	Ctr	0.49
I MT20	5.0x 7.0	Ctr-0.5	0.74	
H MT20	3.0x 7.0	Ctr	Ctr	0.42
G MT20	5.0x 7.0	Ctr-0.5	0.74	
D MT20	3.0x 7.0	Ctr	Ctr	0.45
F MT20	2.0x 4.0	Ctr	Ctr	0.44

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 2672 Lbs

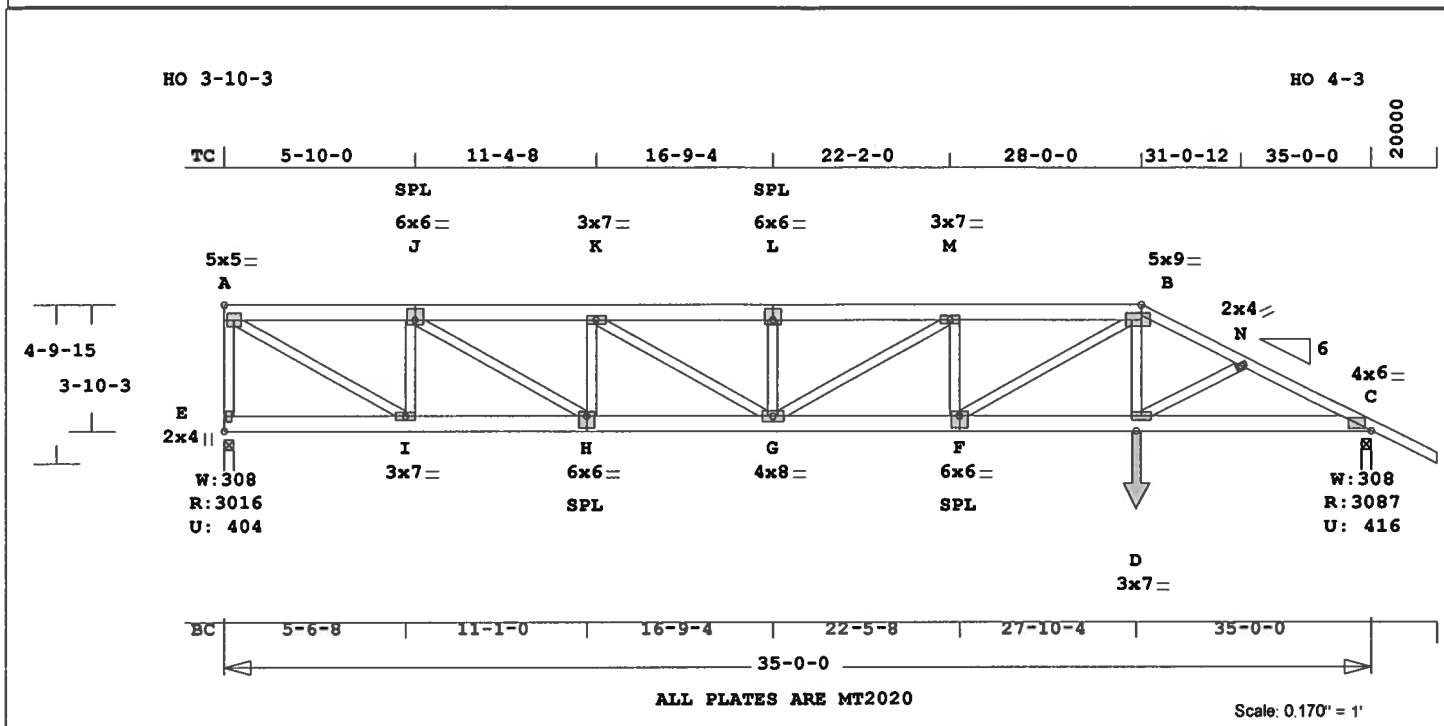
Max tens. force 2516 Lbs

Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

Job FWD-LOT22	Mark A17	Quan 1*2P	Type HHIP	Span 350000	P1-H1 6	Left OH 0	Right OH 2- 0- 0	Engineering T2654601
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LOT 22



Online Plus -- Version 21.0.060
 RUN DATE: 24-AUG-07

 * 2-Ply Truss *

CSI -Size- ----Lumber-----
 TC 0.34 2x 4 SP-#2
 -- 0.27 2x 6 SP-#2
 A -J J -L L -B
 BC 0.59 2x 6 SP-#2
 WB 0.48 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 35- 0- 0
 BC Cont. 0- 0- 0 35- 0- 0

psf-Ld Dead Live
 TC 10.0 20.0
 BC 10.0 0.0
 TC+BC 20.0 20.0
 Total 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

Total Load Reactions (lbs)
 Jt Down Uplift Horiz-
 E 3016 404 U 118 R
 C 3088 417 U 55 R

Jt Brg Size Required
 E 3.5" 1.8"
 C 3.5" 1.8"

LC# 1 Girder Loading
 Dur Fctrs - Lbr 1.25 Plt 1.25
 plf - Dead Live* From To
 TC V 20 40 0.0' 35.0'
 BC V 20 0 0.0' 35.0'
 TC V 25 50 1.0' 28.0'
 TC V -20 -40 0.0' 1.0'
 BC V 25 0 1.0' 27.9'
 BC V -20 0 0.0' 1.0'
 BC V 280 280 27.9' CL-LB

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-Csi-Bnd
 -----Top Chords-----
 A -J 0.18 4461 C 0.09 0.09
 J -K 0.23 7157 C 0.14 0.09
 K -L 0.23 8246 C 0.16 0.07
 L -M 0.25 8246 C 0.16 0.09
 M -B 0.27 7780 C 0.06 0.21
 B -N 0.34 5944 C 0.07 0.27

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 294.5 LBS

N -C 0.21 6023 C 0.08 0.13
 -----Bottom Chords-----
 E -I 0.09 157 T 0.00 0.09
 I -H 0.35 4461 T 0.29 0.06
 H -G 0.55 7156 T 0.47 0.08
 G -F 0.59 7779 T 0.52 0.07
 F -D 0.43 5340 T 0.35 0.08
 D -C 0.43 5362 T 0.35 0.08

-----Webs-----
 E -A 0.14 2937 C WindLd
 A -I 0.48 5230 T
 I -J 0.12 2465 C
 J -H 0.29 3160 T
 H -K 0.06 1402 C
 K -G 0.11 1277 T
 G -L 0.03 722 C
 G -M 0.05 546 T
 F -M 0.05 1124 C
 F -B 0.26 2817 T
 D -B 0.06 755 T
 D -N 0.01 166 T

TL Defl -0.40" in G -F L/999
 LL Defl -0.20" in G -F L/999
 Shear // Grain in M -B 0.18

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 5.0x 5.0 Ctr Ctr 0.78
 J MT20 6.0x 6.0 Ctr 1.2 0.59
 K MT20 3.0x 7.0 Ctr Ctr 0.42
 L MT20 6.0x 6.0 Ctr 1.2 0.59
 M MT20 3.0x 7.0 Ctr Ctr 0.42
 B MT20 5.0x 9.0 0.5 Ctr 1.00
 N MT20 2.0x 4.0 Ctr Ctr 0.44
 C MT20 4.0x 6.0 Ctr Ctr 0.72
 E MT20 2.0x 4.0 Ctr Ctr 0.80
 I MT20 3.0x 7.0 Ctr Ctr 0.88
 H MT20 6.0x 6.0 Ctr-1.2 0.62
 G MT20 4.0x 8.0 Ctr Ctr 0.45
 F MT20 6.0x 6.0 Ctr-1.2 0.67
 D MT20 3.0x 7.0 Ctr Ctr 0.44

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL 33610

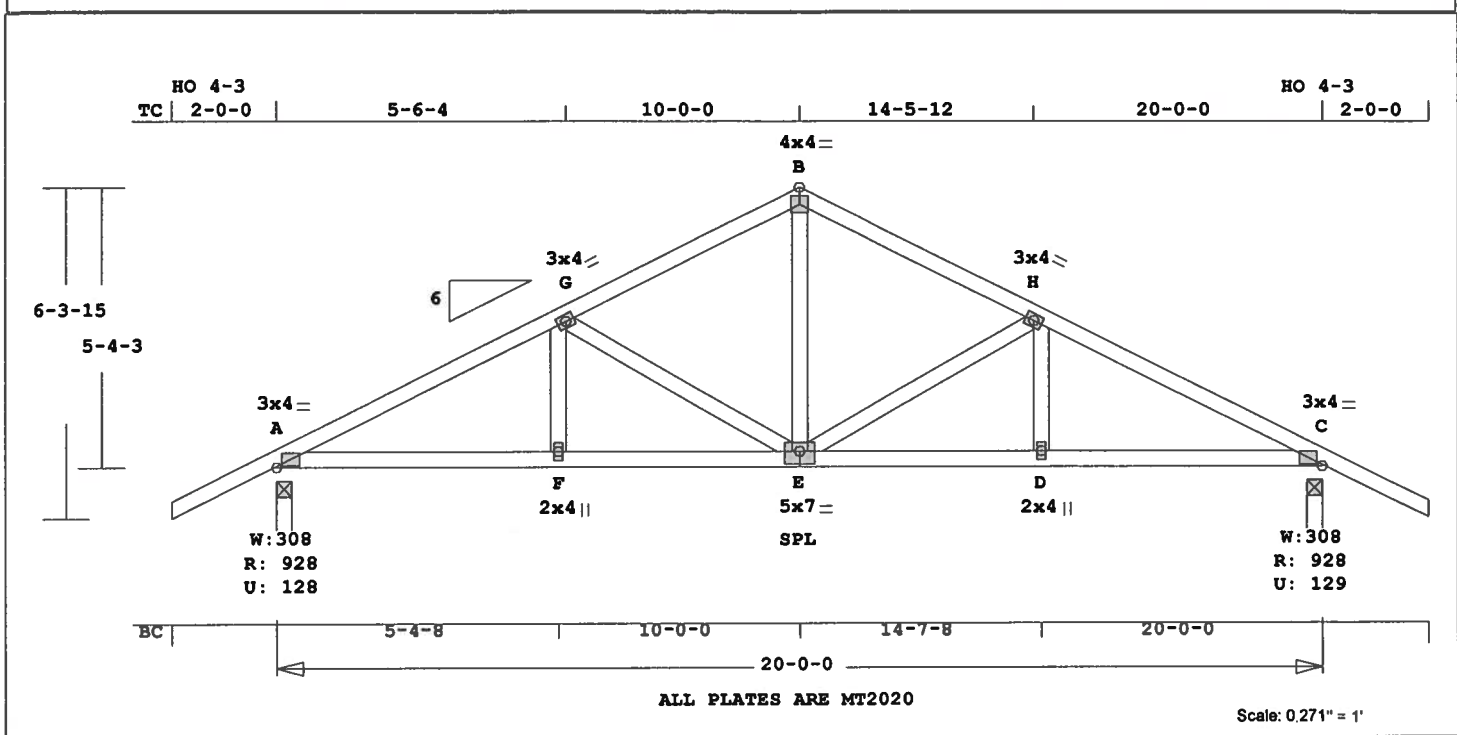
REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.
 NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004

Girder Half Hip
 Framing King Jacks
 Jack Open Faced
 Setback 7- 0- 0
 2 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS3 screws -OR- 10d nails
 as each layer is applied.)
 -----Spacing (in)-----
 Rows Nails Screws Bolts
 TC 1 12 24 0
 BC 2 12 24 0
 WB 1 8 8
 Plus clusters of nails where
 shown.
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 8246 Lbs
 Max tens. force 7779 Lbs
 Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
 Robbins Engineering
 6904 Parke East Blvd
 Tampa, FL 33610
 FL Cert.#5555

Job FWD-LOT22	Mark B1	Quan 11	Type TR	Span 200000	P1-H1 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2654602
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 126.2 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

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

TC	0.27	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.15	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	928	129 U	92 R
C	928	129 U	92 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -G	0.27	1298	C	0.08	0.19
G -B	0.25	891	C	0.07	0.18
B -H	0.25	891	C	0.07	0.18
H -C	0.27	1298	C	0.08	0.19
-----Bottom Chords-----					

A -F	0.27	1165	T	0.19	0.08
F -E	0.25	1165	T	0.19	0.06
E -D	0.25	1165	T	0.19	0.06
D -C	0.27	1165	T	0.19	0.08
-----Webs-----					
F -G	0.03	197	T		
G -E	0.15	433	C		
E -B	0.09	533	T		
E -H	0.15	433	C		
D -H	0.03	197	T		

TL Defl	-0.07"	in F -E	L/999
LL Defl	-0.03"	in F -E	L/999
Shear // Grain		in A -G	0.18

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI

A	MT20	3.0x 4.0	Ctr	Ctr	0.76
G	MT20	3.0x 4.0	Ctr	Ctr	0.57
B	MT20	4.0x 4.0	Ctr	Ctr	0.64
H	MT20	3.0x 4.0	Ctr	Ctr	0.57
C	MT20	3.0x 4.0	Ctr	Ctr	0.76
F	MT20	2.0x 4.0	Ctr	Ctr	0.38
E	MT20	5.0x 7.0	Ctr	0.5	0.57
D	MT20	2.0x 4.0	Ctr	Ctr	0.38

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1298 Lbs

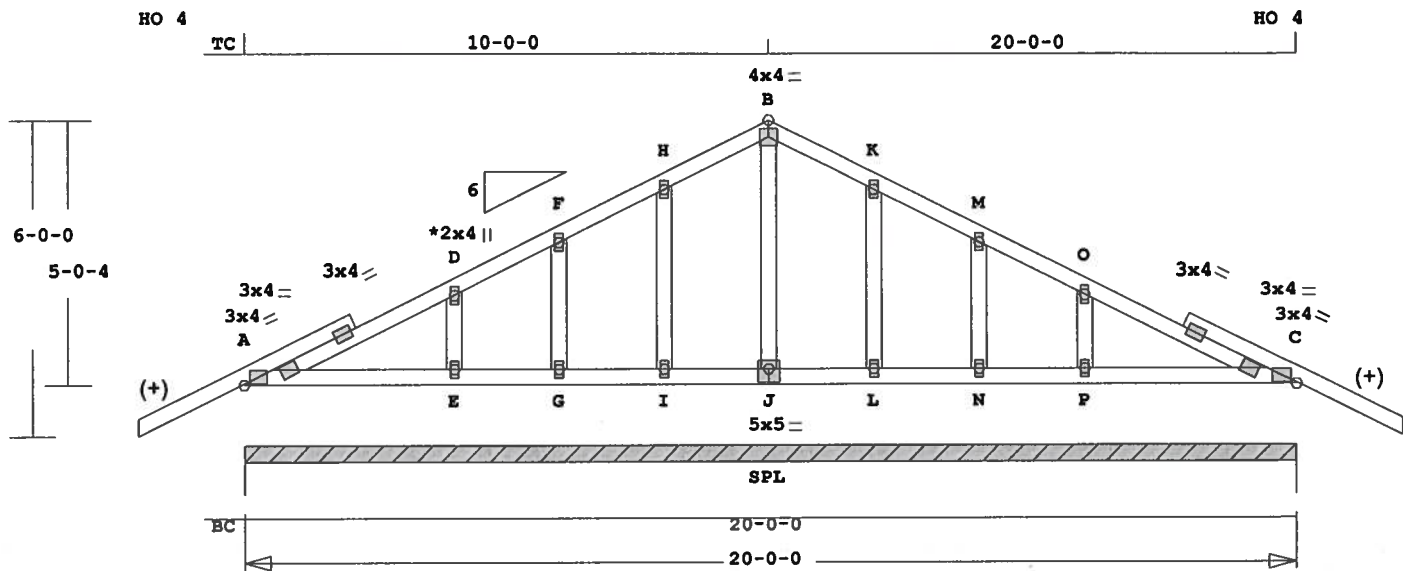
Max tens. force 1165 Lbs

Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

Job FWD-LOT22	Mark B2	Quan 1	Type TR	Span 200000	P1-H1 6	Left OH 0	Right OH 0	Engineering T2654603
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LOT 22



ALL PLATES ARE MT2020
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.273" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 131.5 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI	-Size-	---	Lumber----
TC	0.09	2x 4	SP-#2 (+)
BC	0.09	2x 4	SP-#2
GW	0.02	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1600	213 U	86 R

Jt	Brg Size	Required
A	240.0"	0"-to- 240"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -D	0.09	122 C	0.00	0.09	
D -F	0.09	144 C	0.00	0.09	
F -H	0.04	169 T	0.02	0.02	
H -B	0.05	225 T	0.02	0.03	
B -K	0.05	225 T	0.02	0.03	
K -M	0.04	169 T	0.01	0.03	
M -O	0.09	144 C	0.00	0.09	
O -C	0.09	122 C	0.00	0.09	
-----Bottom Chords-----					
A -E	0.09	10 T	0.00	0.09	
E -G	0.06	0 T	0.00	0.06	
G -I	0.02	0 T	0.00	0.02	
I -J	0.02	0 T	0.00	0.02	

J -L	0.02	0 T	0.00	0.02
L -N	0.02	0 T	0.00	0.02
N -P	0.06	0 T	0.00	0.06
P -C	0.09	10 T	0.00	0.09

-----Gable Webs-----				
E -D	0.02	201 C		
G -F	0.01	98 T		
I -H	0.02	180 T		
J -B	0.02	86 C		
L -K	0.02	180 T		
N -M	0.01	98 T		
P -O	0.02	201 C		

TL Defl	-0.01"	in P -C	L/999
LL Defl	0.00"	in P -C	L/999
Shear // Grain		in A -D	0.13

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 4.0 Ctr Ctr 0.76
D MT20 2.0x 4.0 Ctr Ctr 0.00
F MT20 2.0x 4.0 Ctr Ctr 0.00
H MT20 2.0x 4.0 Ctr Ctr 0.00
B MT20 4.0x 4.0 Ctr Ctr 0.64
K MT20 2.0x 4.0 Ctr Ctr 0.00
M MT20 2.0x 4.0 Ctr Ctr 0.00
O MT20 2.0x 4.0 Ctr Ctr 0.00
C MT20 3.0x 4.0 Ctr Ctr 0.76
E MT20 2.0x 4.0 Ctr Ctr 0.00
G MT20 2.0x 4.0 Ctr Ctr 0.00
I MT20 2.0x 4.0 Ctr Ctr 0.00
J MT20 5.0x 5.0 Ctr-0.5 0.57
L MT20 2.0x 4.0 Ctr Ctr 0.00
N MT20 2.0x 4.0 Ctr Ctr 0.00
P MT20 2.0x 4.0 Ctr Ctr 0.00

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

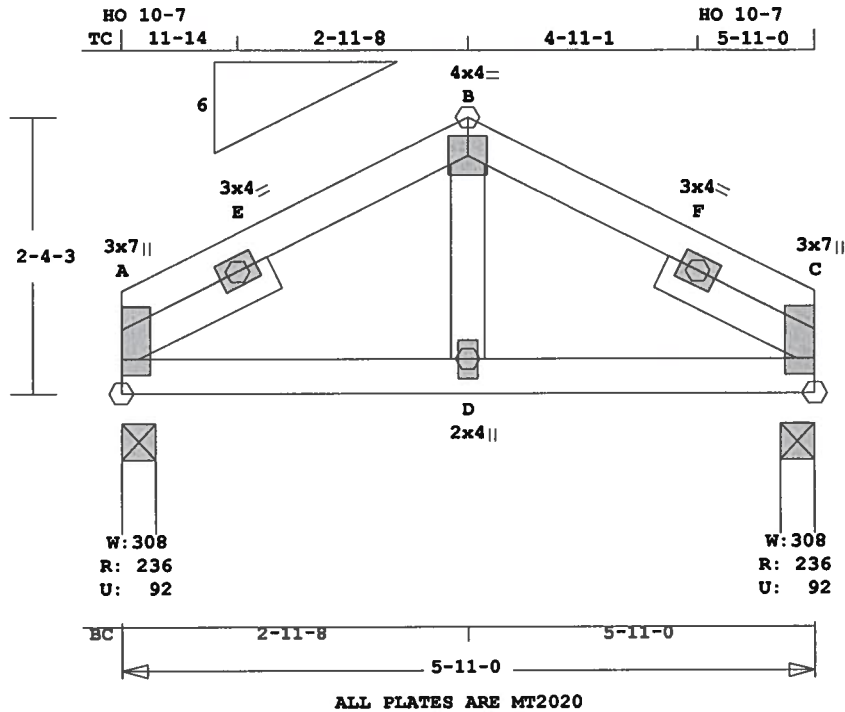
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

WARNING Do Not Cut overframe
member between outside of
truss and first tie-plate
to inside of heel plate.
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
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 201 Lbs
Max tens. force 225 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

Job FWD-LOT22	Mark C1	Quan 2	Type TR	Span 51100	P1-H1 6	Left OH 0	Right OH 0	Engineering T2654604
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LOT 22



Scale: 0.610' = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.2 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

	CSI	-Size-	---Lumber---
TC	0.12	2x 4	SP-#2
BC	0.12	2x 4	SP-#2
WB	0.02	2x 4	SP-#2
SL	0.05	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5-11- 0
BC	Cont.	0- 0- 0	5-11- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)			
Jt	Down	Uplift	Horiz-
A	237	92 U	24 R
C	237	92 U	24 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -E	0.04	205 T	0.02	0.02
E -B	0.12	533 T	0.07	0.05

B -F	0.12	533 T	0.07	0.05
F -C	0.04	205 T	0.02	0.02
-----Bottom Chords-----				
A -D	0.12	377 C	0.00	0.12
D -C	0.12	377 C	0.00	0.12
-----Webs-----				
D -B	0.02	259 C		
-----Sliders-----				
A -E	0.05	349 T		
F -C	0.05	349 T		

TL Defl	0.00"	in D -C	L/999
LL Defl	0.00"	in D -C	L/999
Shear //	Grain	in A -D	0.14

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 7.0 1.5 0.3 0.73
E MT20 3.0x 4.0 Ctr Ctr 0.50
B MT20 4.0x 4.0 Ctr Ctr 0.45
F MT20 3.0x 4.0 Ctr Ctr 0.50
C MT20 3.0x 7.0-1.5 0.3 0.73
D MT20 2.0x 4.0 Ctr Ctr 0.38

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

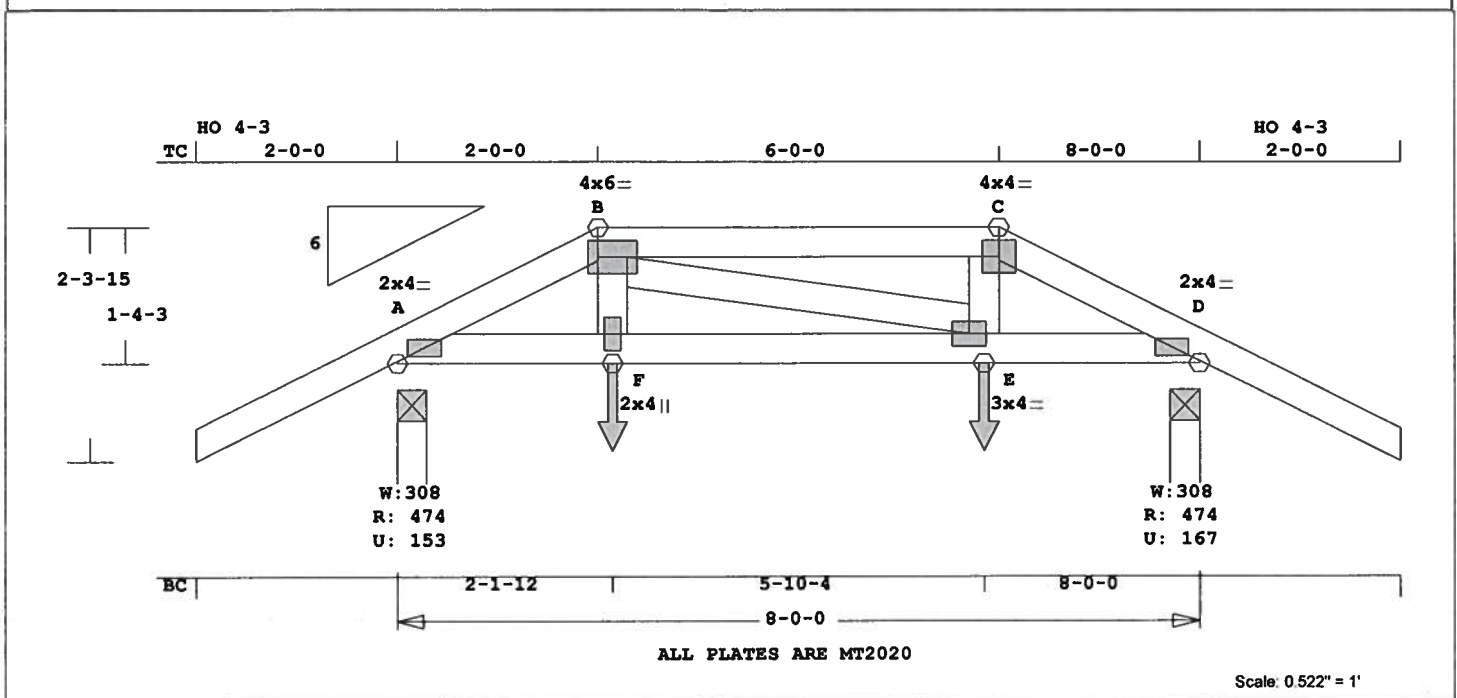
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- --To--
0- 0- 0 5-11- 0
Max comp. force 377 Lbs
Max tens. force 533 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

Job FWD-LOT22	Mark C2	Quan 1	Type HIPP	Span 80000	P1-H1 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2654605
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LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 49.6 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

	CSI	Size	Lumber
TC	0.31	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- 0- 0	
BC Cont.	0- 0- 0	8- 0- 0	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	475	153 U	16 R
D	475	167 U	16 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

LC# 1 Girder Loading

Dur Fctrs	Lbr	1.25	Plt	1.25
plf - Dead	Live*	From	To	
TC V	20	40	0.0'	8.0'
BC V	20	0	0.0'	8.0'
BC V	13	13	2.1'	CL-LB
BC V	13	13	5.9'	CL-LB

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.21	975 T	0.14	0.07
B -C	0.31	977 T	0.14	0.17
C -D	0.22	1033 T	0.14	0.08

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

A -F	0.13	824 C	0.09	0.04
F -E	0.15	807 C	0.08	0.07
E -D	0.13	877 C	0.09	0.04

-----Webs-----

F -B	0.01	191 C
B -E	0.01	71 C
E -C	0.02	208 C

TL Defl -0.02" in F -E L/999
LL Defl -0.01" in F -E L/999
Shear // Grain in B -C 0.13

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.71
B MT20 4.0x 6.0 Ctr Ctr 0.64
C MT20 4.0x 4.0 Ctr Ctr 0.64
D MT20 2.0x 4.0 Ctr Ctr 0.71
F MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 3.0x 4.0 Ctr Ctr 0.51

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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- 0- 0

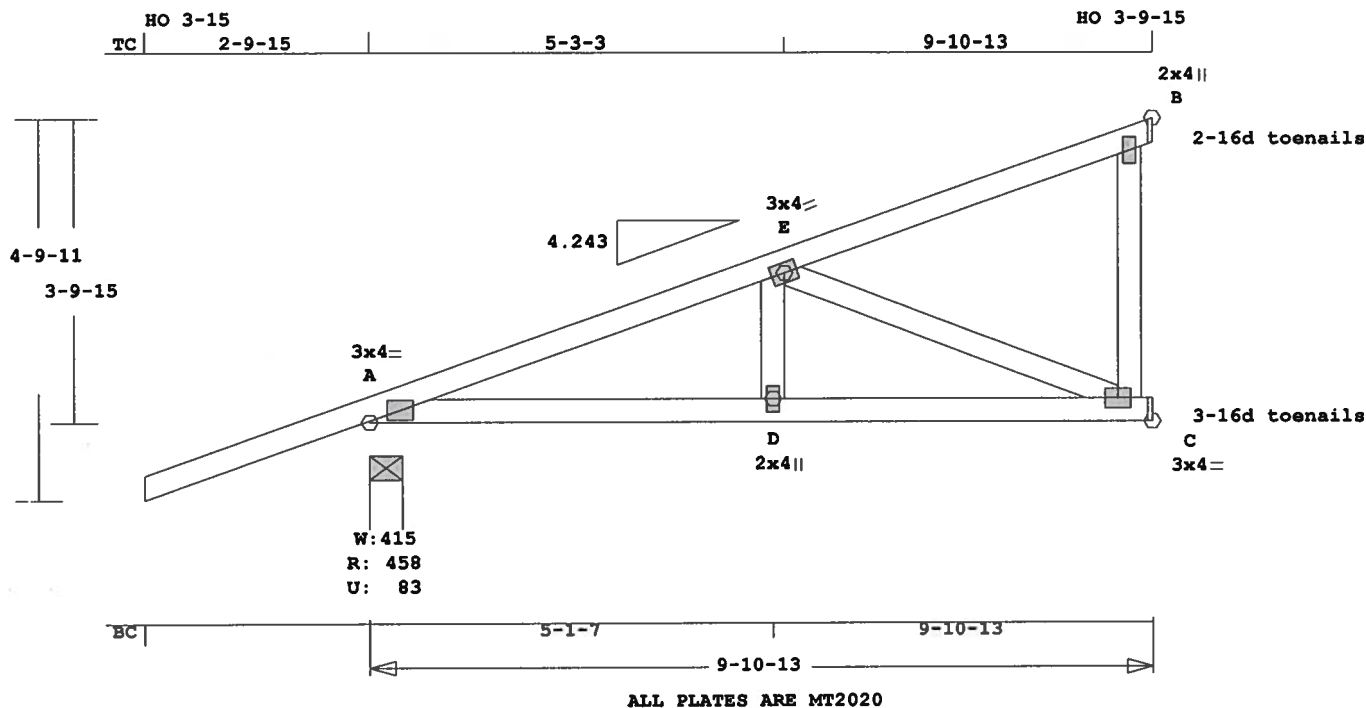
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as

Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- ---To---
0- 0- 0 8- 0- 0
Max comp. force 877 Lbs
Max tens. force 1033 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FWD-LOT22	CJI	3	MONO.DD	91013	4.243	2- 9-15	0	T2654606

LOT 22



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 61.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI	Size	Lumber
TC	0.38 2x 4	SP-#2
BC	0.27 2x 4	SP-#2
WB	0.19 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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	458	83 U	91 R
C	348	8 U	
B	240	84 U	127 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC#	1	Girder Loading
Dur Fctrs	- Lbr 1.25	Plt 1.25
plf	- Dead	Live* From To
TC V	20	40 0.0' 9.9'
BC V	20	0 0.0' 9.9'
TC V	-20	-40 0.0' 9.9'
BC V	-20	0 0.0' 9.9'

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -E	0.31	632 C	0.03 0.28
E -B	0.38	77 T	0.00 0.38
-----Bottom Chords-----			
A -D	0.23	612 T	0.07 0.16
D -C	0.27	612 T	0.07 0.20
-----Webs-----			
D -E	0.03	234 T	
E -C	0.19	661 C	
C -B	0.05	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.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 4.0 Ctr Ctr 0.64
E MT20 3.0x 4.0 Ctr Ctr 0.43
B MT20 2.0x 4.0 Ctr Ctr 0.38
D MT20 2.0x 4.0 Ctr Ctr 0.38
C MT20 3.0x 4.0 Ctr Ctr 0.54

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

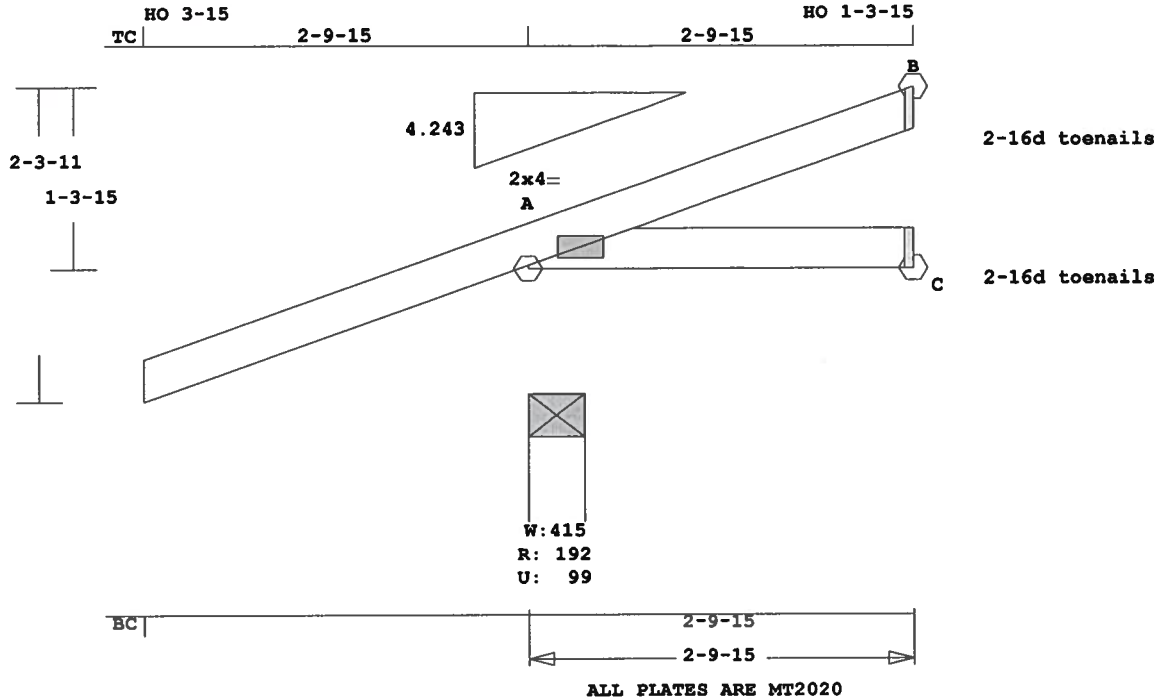
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

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
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 661 Lbs
Max tens. force 612 Lbs
Quality Control Factor 1.25

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FL Cert.#5555

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
FWD-LOT22	CJ2	2	JCA2.DD	20915	4.243	2- 9-15	0	T2654607

LOT 22



Scale: 0.707" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI -Size- ----Lumber-----
TC 0.07 2x 4 SP-#2
BC 0.09 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	2- 9-15	
BC Cont.	0- 0- 0	2- 9-15	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	192	100 U	25 R
C	13	22 U	
B	21	13 U	4 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25
plf - Dead Live* From To
TC V 20 40 0.0' 2.8'
BC V 20 0 0.0' 2.8'
TC V -20 -40 0.0' 2.8'
BC V -20 0 0.0' 2.8'
-13 -26 0.0' 2.8'
-13 0 0.0' 2.8'

Plus 8 Wind Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -B 0.07 22 C 0.00 0.07
-----Bottom Chords-----
A -C 0.09 0 T 0.00 0.09

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -C 0.11

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.72

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

NOTES:
Trusses Manufactured by:

Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Girder King Jack
Loading TC and BC
Setback 2- 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

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

User-defined wind-exposed BC
regions --From-- ---To---

0- 0- 0 2- 9-15

Max comp. force 22 Lbs

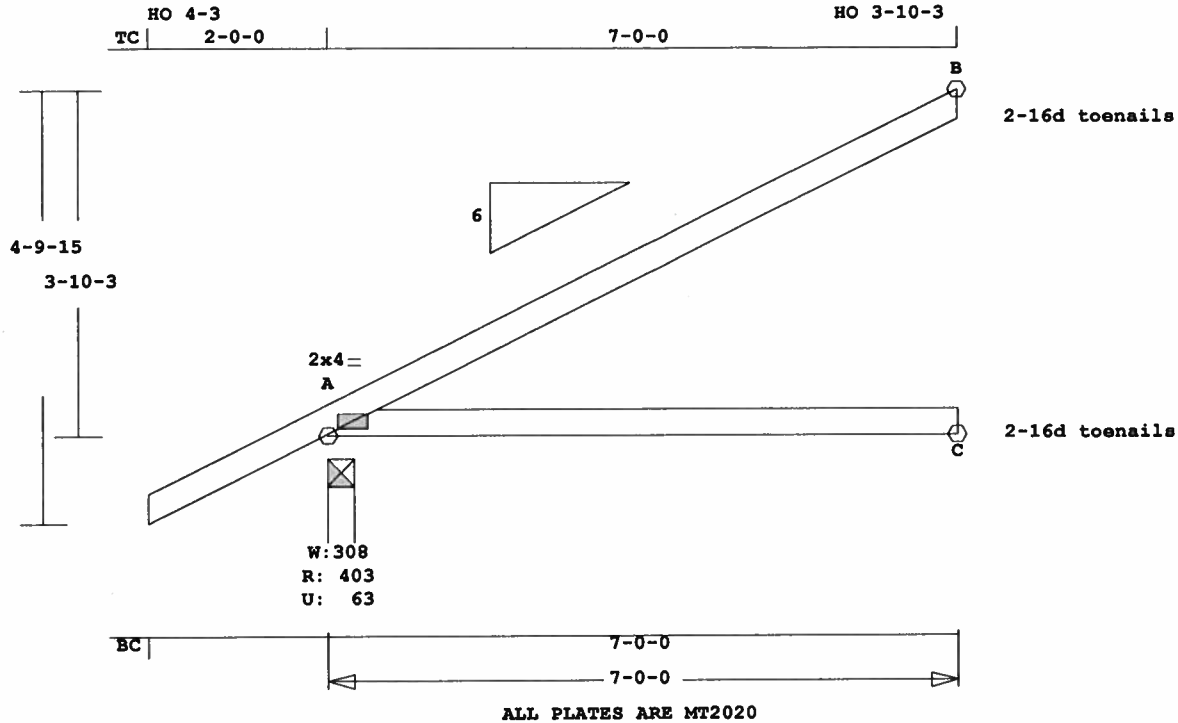
Max tens. force 1 Lbs

Quality Control Factor 1.25

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Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
FWD-LOT22	J1	26	JCA2	70000	6	2- 0- 0	0	T2654608

LOT 22



Scale: 0.467" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.5 LBS

Online Plus -- Version 21.0.060 A -C 0.41 0 T 0.00 0.41
 RUN DATE: 24-AUG-07

CSI -Size- ----Lumber----
 TC 0.52 2x 4 SP-#2
 BC 0.41 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	

TL Defl -0.18" in A -C L/425
 LL Defl -0.07" in A -C L/999
 Shear // Grain in A -B 0.27

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 2.0x 4.0 Ctr Ctr 0.69

Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 166 Lbs
 Max tens. force 45 Lbs
 Quality Control Factor 1.25

psf-Ld Dead Live
 TC 10.0 20.0
 BC 10.0 0.0
 TC+BC 20.0 20.0
 Total 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.
 6904 Parke East Blvd.
 Tampa, FL 33610

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

Total Load Reactions (Lbs)
 Jt Down Uplift Horiz-
 A 404 64 U 282 R
 C 132
 B 196 85 U 72 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 8 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.52	166 C	0.00	0.52
-----Bottom Chords-----				

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

Components and Claddings*

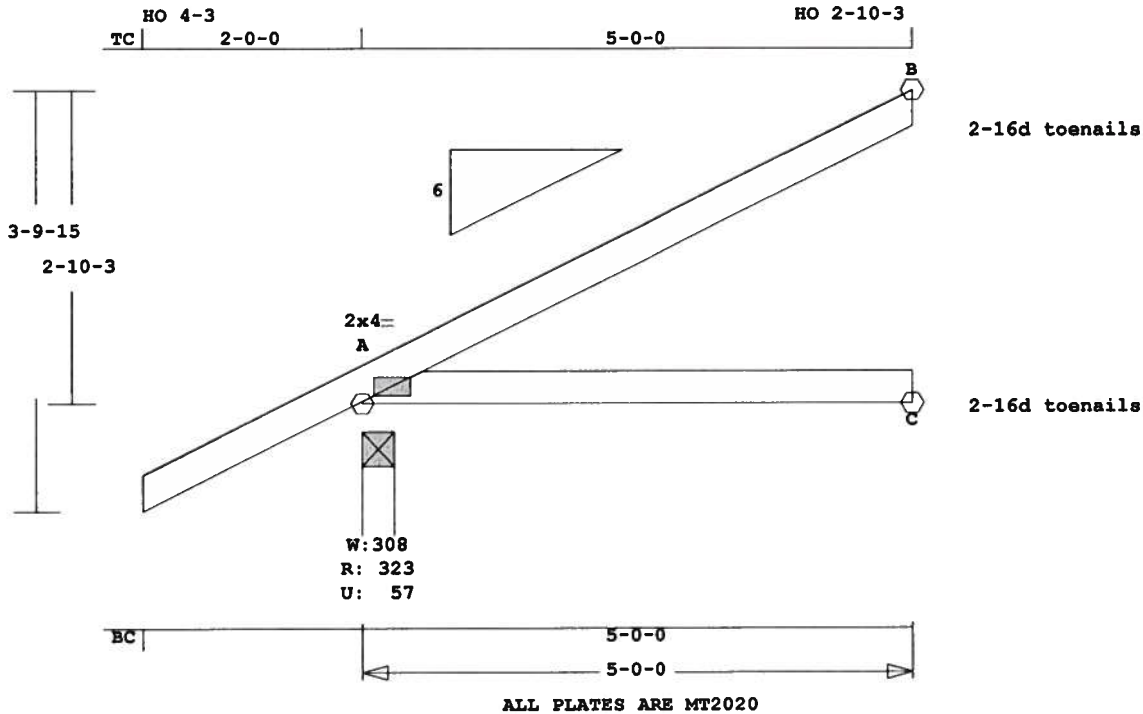
for Exterior zone location.

Wind Speed: 110 mph

Michael S. Magid, FL Lic. #53681
 Robbins Engineering
 6904 Parke East Blvd
 Tampa, FL 33610
 FL Cert.#5555

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FWD-LOT22	J2	6	JCA2	50000	6	2- 0- 0	0	T2654609

LOT 22



Scale: 0.572" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.5 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-AUG-07

CSI -Size- ----Lumber----
TC 0.31 2x 4 SP-#2
BC 0.24 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	5- 0- 0	
BC Cont.	0- 0- 0	5- 0- 0	

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0
Total 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

Total Load Reactions (Lbs)
Jt Down Uplift Horiz-
A 324 58 U 233 R
C 94
B 142 62 U 51 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.31	137 C	0.00	0.31
-----Bottom Chords-----				

A -C 0.24 0 T 0.00 0.24
TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.22

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.65

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 137 Lbs
Max tens. force 31 Lbs
Quality Control Factor 1.25

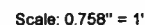
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Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

LOT 22



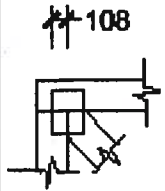
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LOT 22



ROBBINS ENG. GENERAL NOTES & SYMBOLS

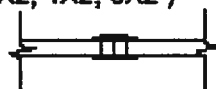
PLATE LOCATION



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

FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



(W) = Wide Face Plate
(N) = Narrow Face Plate

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.

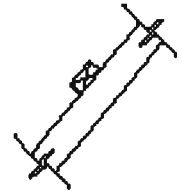
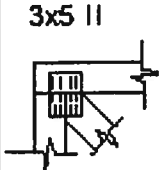


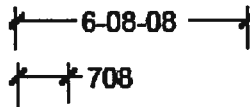
PLATE SIZE AND ORIENTATION



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.

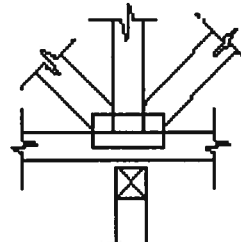
DIMENSIONS

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.



W = Actual Bearing Width (IN-SX)
R = Reaction (lbs.)
U = Uplift (lbs.)

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted. The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

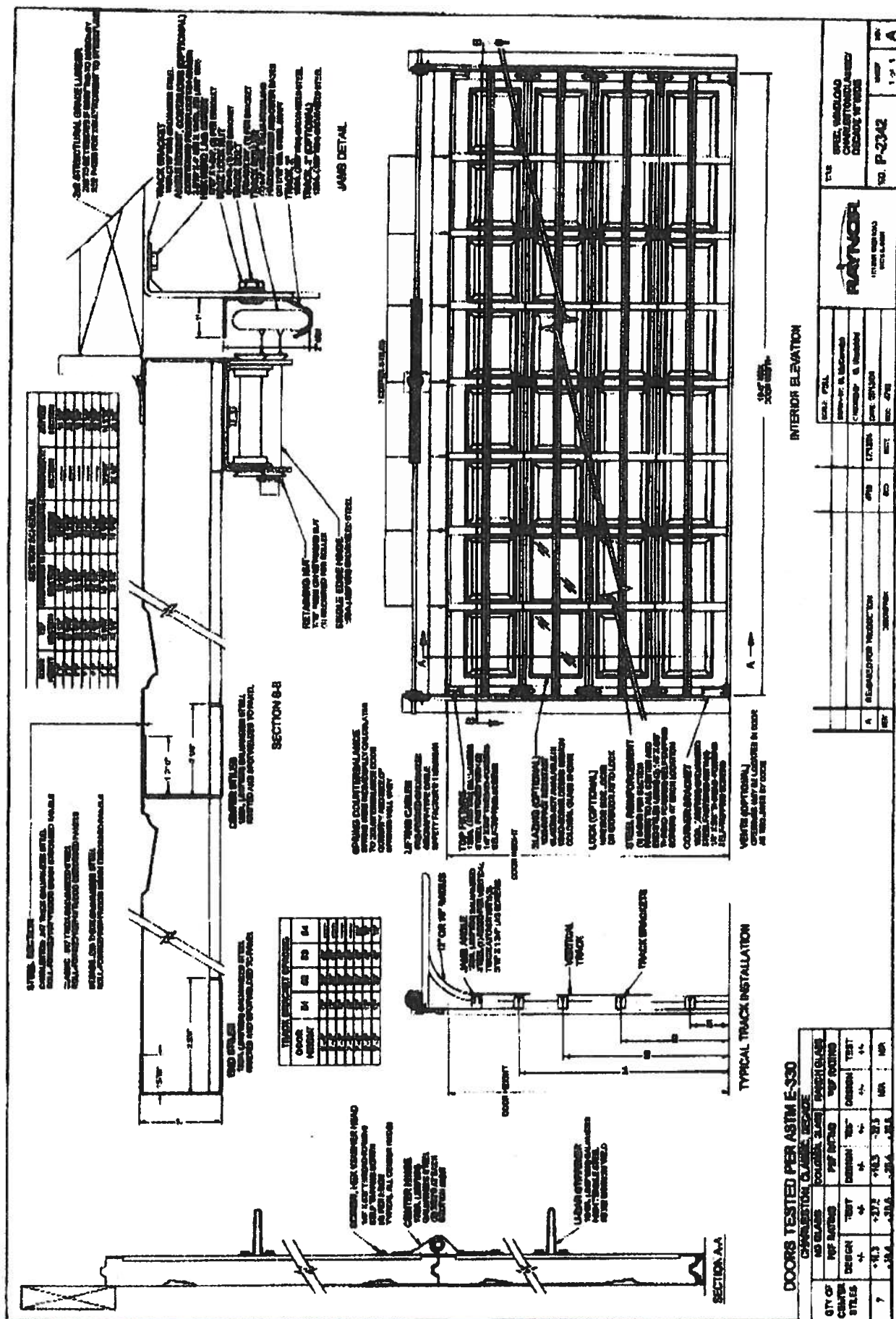
Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 as published by Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning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

FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS FABRICATOR.



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

www.robbinseng.com

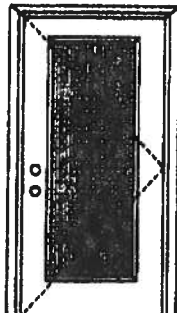


X
Glazed Inswing Unit

COP WL MA0001-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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



Test Data Review Certificate #3028447A and COP/Title Report Validation Matrix #3028447A-001 provide additional information - available from the IT&AWH website (www.elsemnia.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

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

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



106 Series*



106, 160 Series*



129 Series*



200 Series*



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



107 Series*



108 Series



304 Series

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

Johnson
EntrySystems

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



Exclusively from

Masonite
Masonite International Corporation

X
Glazed Inswing Unit

TOP VIEW 111111 112

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



404 Series



410 Series



460 Series

FULL GLASS:



109 Series



114, 120, 122
Series



182 Series



148 Series



300 Series

CERTIFIED TEST REPORTS:

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

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

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

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L. Balthaz

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



Test Data Review Certificate #3025447A and COPY Test Report Validation Matrix #3025447A-001 provides additional information - available from the ITSAWH website (www.educendo.com), the masonite website (www.masonite.com) or the Masonite technical center.

Johnson
EntrySystems

June 17, 2002
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PREMIER Collection
Premium Quality Doors

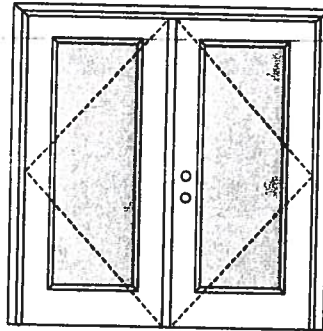


Exclusively from

Masonite
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

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

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0002-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0002-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



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



107 Series*



108 Series



304 Series

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

Johnson
EntrySystems

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Exclusively from

Masonite
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



404 Series



410 Series



450 Series

FULL GLASS:



109 Series



114, 120, 122
Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

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

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

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

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

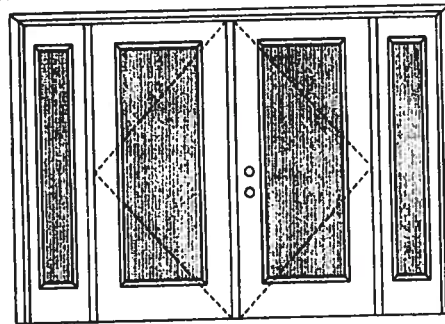
State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533



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

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate #3028447A and COP/Test Report Validation Matrix #3028447A-001 provides additional information - available from the ITS/WH website (www.itsmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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

Double Door with 2 Sidelites
Maximum unit size = 12'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

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

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0005-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



108, 160 Series*



129 Series*



200 Series*



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



107 Series*



106 Series



304 Series

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

Johnson
EntrySystems

June 17, 2002
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PREMDOR Collection
Premium Quality Doors



Exclusively from

Masonite

Masonite International Corporation

OX XO

Glazed Inswing Unit

COP-WL-JH4145-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:
3/4 GLASS:**

404 Series



410 Series



450 Series

FULL GLASS:

109 Series

114, 120, 122
Series

152 Series



149 Series



300 Series

APPROVED SIDELITE STYLES:

690 Series



129 Series



200 Series

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

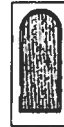
450 Series



152 Series



149 Series



109 Series



120, 122 Series



300 Series

CERTIFIED TEST REPORTS:

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

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

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

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

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



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

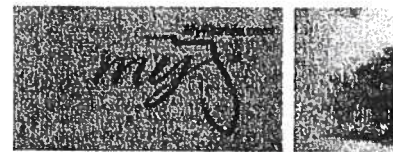
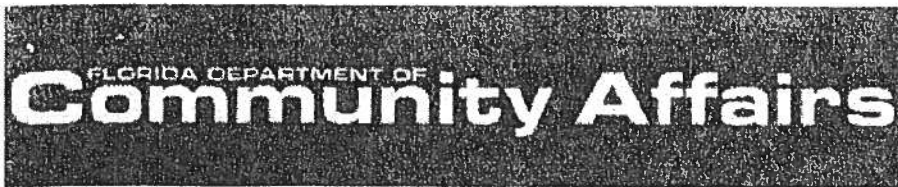
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EntrySystems

June 17, 2002
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Product Approval
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- ▶ COMMUNITY PLANNING
- ▶ HOUSING & COMMUNITY DEVELOPMENT
- ▶ EMERGENCY MANAGEMENT
- ▶ OFFICE OF THE SECRETARY

FL # FL1214-R1
Application Type Revision
Code Version 2004
Application Status Approved
Comments
Archived ☐

Product Manufacturer Alenco
Address/Phone/Email 615 Carson
Bryan, TX 77802
(979) 779-7770 ext 343
mkoppers@alenco.com

Authorized Signature Martin Koppers
mkoppers@alenco.com

Technical Representative Martin Koppers
Address/Phone/Email 615 Carson St.
Bryan, TX 77802
mkoppers@alenco.com

Quality Assurance Representative
Address/Phone/Email

Category Windows
Subcategory Single Hung

Compliance Method Certification Mark or Listing

Certification Agency National Accreditation & Management Institute,

Standard)

AAMA/NWWDA 101/I.S.2

Equivalence of Product Standards
 Certified By

Sections from the Code

1707.4.2.1

Product Approval Method

Method 1 Option A

Date Submitted

06/08/2005

Date Validated

08/04/2005

Date Pending FBC Approval

06/18/2005

Date Approved

08/05/2005

Summary of Products

FL #	Model, Number or Name	Description
1214.1	1111	Vinyl Tilt Single Hung
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 1111: 48X72 R(35) Tested with DS annealed, 44X72 R(40) Tested with SS annealed. For smaller window sizes, glass to comply with ASTM E1300-02.		Certification Agency Certificate Installation Instructions <u>PTID 1214 R1 I FL INSTALLATION INSTRUCTIONS - Aluminum B.pdf</u> <u>PTID 1214 R1 I INSTALLATION INSTRUCTIONS - Vinyl B.pdf</u> Verified By:
1214.2	3753	Aluminum Tilt Single Hung
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 3753: 44X72 R(40) Tested with Tested with DS annealed. For smaller window sizes, glass to comply with ASTM E1300-02.		Certification Agency Certificate Installation Instructions Verified By:
1214.3	4710F	Aluminum Single Hung
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 4710F: 48X72 R(40)/DP(50), Tested with DS annealed glass. For smaller window sizes, glass to comply with ASTM E1300-02.		Certification Agency Certificate Installation Instructions Verified By:

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DCA Administration

Department of Community Affairs

Florida Building Code Online

Codes and Standards

2555 Shumard Oak Boulevard

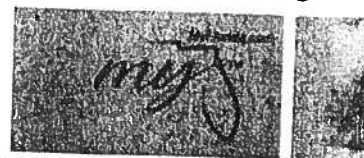
Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:





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Product Approval
USER: Public User

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- ▶ COMMUNITY PLANNING
- ▶ HOUSING & COMMUNITY DEVELOPMENT
- ▶ EMERGENCY MANAGEMENT
- ▶ OFFICE OF THE SECRETARY

FL # FL7669
Application Type New
Code Version 2004
Application Status Approved
Comments
Archived ☐

Product Manufacturer Alenco
Address/Phone/Email 615 Carson
Bryan, TX 77802
(979) 779-7770 ext 343
mkoppers@alenco.com

Authorized Signature Martin Koppers
mkoppers@alenco.com

Technical Representative Martin Koppers
Address/Phone/Email 615 Carson St.
Bryan, TX 77802
mkoppers@alenco.com

Quality Assurance Representative
Address/Phone/Email

Category Windows
Subcategory Fixed

Compliance Method Certification Mark or Listing

Certification Agency National Accreditation & Management Institute,

Standard)

AAMA/NWWDA 101 IS2

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

10/06/2006

Date Validated

11/16/2006

Date Pending FBC Approval

11/17/2006

Date Approved

12/06/2006

Summary of Products

FL #	Model, Number or Name	Description
7669.1	1101	Fixed Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40 /-40 Other: 1101 - 4'0" X 6'0" F-R40- DSB annealed glass - smaller units to comply with ASTM E1300-02		Certification Agency Certificate FL7669 R0 C CAC 1101 F-R40.pdf Installation Instructions FL7669 R0 II FL INSTALLATION INSTRUCTIONS - Vinyl B.pdf Verified By: National Accreditation & Management Institute,
7669.2	1101	Fixed Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50 /-50 Other: 1101 - 6'0" X 6'0" F-R50 - 3/16" temp - smaller units to comply with ASTM E1300		Certification Agency Certificate FL7669 R0 C CAC 1101 F-R50.pdf Installation Instructions FL7669 R0 II FL INSTALLATION INSTRUCTIONS - Vinyl B.pdf Verified By: National Accreditation & Management Institute,
7669.3	701FL	Fixed Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45 /-45 Other: 701FL - 4'5" X 6'0" F-R45 -5/32" annealed glass - smaller units to comply with ASTM E1300-02		Certification Agency Certificate FL7669 R0 C CAC 701FL F-R45.pdf Installation Instructions FL7669 R0 II FL INSTALLATION INSTRUCTIONS - Aluminum PW.pdf Verified By: National Accreditation & Management Institute,

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**Department of Community Affairs
Florida Building Code Online
Codes and Standards**

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

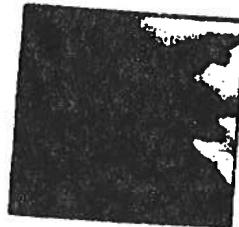
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Product Approval Accepts:





**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE®

**Prestique Plus High Definition
and Prestique Gallery Collection™**

Product size _____ 120"x 36"
Exposure _____ 36"
Pieces/Bundle _____ 16
Squares/Square _____ 498.5 sq.ft.
Squares/Pallet _____ 11

10-year limited warranty period:
5-7 years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 60 mph, extended
110 mph**

Raised Profile

Product size _____ 120"x 36"
Exposure _____ 36"
Pieces/Bundle _____ 22
Squares/Square _____ 271.00 sq.ft.
Squares/Pallet _____ 30

10-year limited warranty period:
5-7 years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 70 mph.

Prestique I High Definition

Product size _____ 120"x 36"
Exposure _____ 36"
Pieces/Bundle _____ 16
Squares/Square _____ 498.5 sq.ft.
Squares/Pallet _____ 14

10-year limited warranty period:
5-7 years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 60 mph, extended
80 mph**

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™

Size: 12"x 12"
Exposure: 36"
Pieces/Bundle: 40
Coverage: 4 Bundles =
160 linear feet

Vented RidgeCrest™ w/FLX™

Size: 18"x 18"
Exposure: 36"
Pieces/Bundle: 20
Coverage: 6 Bundles =
180 linear feet

Prestique High Definition

Product size _____ 120"x 36"
Exposure _____ 36"
Pieces/Bundle _____ 22
Squares/Square _____ 271.00 sq.ft.
Squares/Pallet _____ 10

10-year limited warranty period:
5-7 years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 60 mph.

Elk Starter Strip

22 Bundles/Pallet
16 Pallets/Truck
608 Bundles/Truck
16 Pieces/Bundle
1 Bundle = 120.00 linear feet

Available Colors (Check Availability): Antlers White, Weathered Cedar, Shalewood, Oakwood, Hickory, Barkwood, Forest Green, Wildflower, Chestnut, Sandwood.
Gallery Collection: Bohemian Forest®, Weathered Sage®, Stone Sunset®.

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain content which conforms with the curb test, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StarGuard® treatment to inhibit the deterioration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 557) and Class "W" Fire Ratings (UL 790);
and ASTM Specifications S 926, Type-2 S 926, Type-2 E 108 and the requirements of ASTM S 926.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Maricopa County, AZ, and Texas Department of Insurance.

*See special limited warranty for conditions and limitations.

**See Section 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

SPECIFICATIONS

Source Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (24.4mm x 152.4mm) boards; exterior-grade plywood (minimum 1 rated sheathing) at least 3/4" (19.0mm) thick conforming to the specifications of the American Plywood Association; 2x10" (11.7mm) oriented strandboard or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Contact Elk Field Service for application specifications over other decks and other slopes.

Minimum Underlayment for standard roof slopes, 4 per foot (101.6/304.8mm) or greater; apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low Slopes: 4 per foot (101.6/304.8mm) to a minimum of 2 per foot (50.8/152.4mm), use two pieces of underlayment overlapped a minimum of 18". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StarGuard treatment, as manufactured by the Elk Lumber Company. Hip and ridge type to be Seal-A-Ridge with formula FLX with StarGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.945.5545 (7732) or e-mail specinfo@elkcorp.com.

**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

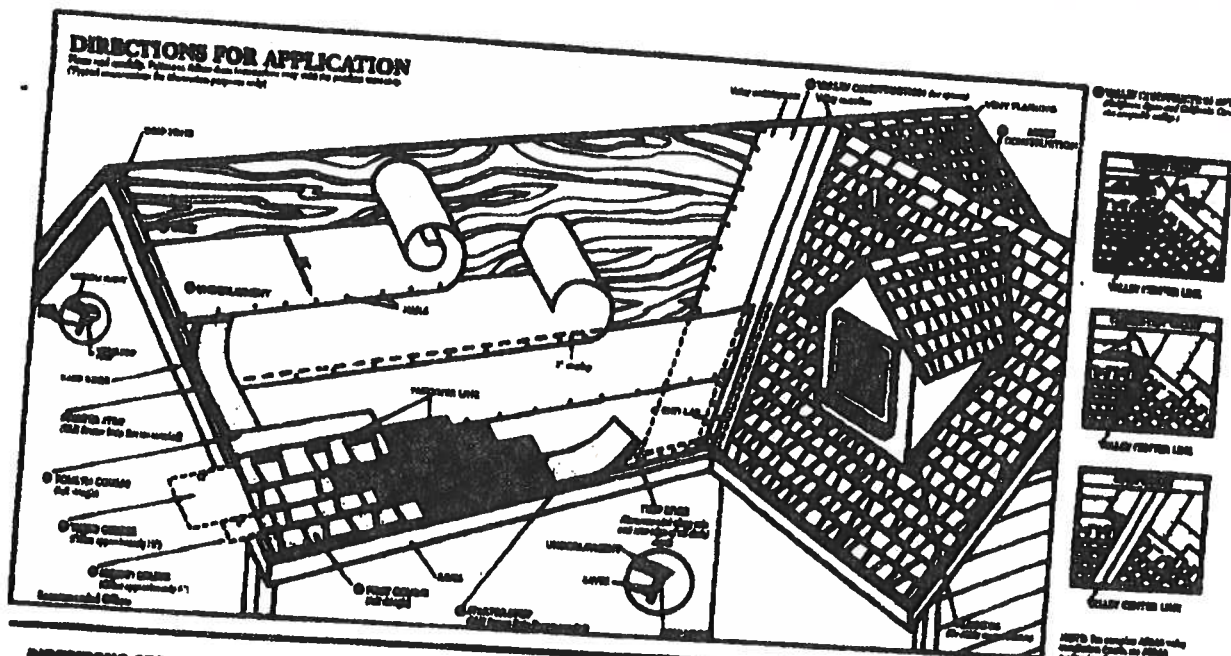
CORPORATE HEADQUARTERS:
800.954.7732

PLANT LOCATION:
800.945.5545

ELK
The Premium Choice
www.elkcorp.com
NSPRT (04/04)

DIRECTIONS FOR APPLICATION

These instructions are for the minimum required to meet the application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these areas, the local code must be followed. Under no circumstances will the concept application requirements that are less than those printed here. Shingles should not be joined tightly together. All edges should be properly vented. Note: It is not necessary to remove tape on back of shingle.



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet the application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these areas, the local code must be followed. Under no circumstances will the concept application requirements that are less than those printed here. Shingles should not be joined tightly together. All edges should be properly vented. Note: It is not necessary to remove tape on back of shingle.

● DECK PREPARATION

Roof decks should be dry, well-ventilated 1" x 6" boards or exterior grade plywood minimum 3/4" thick and conform to the specifications of the American Plywood Association or 2/4" oriented strandboard, or 2/4" sheathing.

● UNDERLAYMENT

Apply underlayment (Non-Perforated No. 14 or 20 asphalt saturated felt, 30 Versamark® or self-adhering underlayment is also acceptable. Cover drip edge of eaves only.

For low slopes (2/12 up to 4/12), completely cover the deck with one piece of underlayment overlapping a minimum of 12". Begin by fastening a 12" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, butt-jointly placed along the eaves and completely overlapping the starter strip.

● NAIL PLACING FOR LOW SLOPES (2/12 TO 4/12) (SEE TECHNICAL SERVICE DEPARTMENT FOR ADDITIONAL ON SLOPE LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated nail roofing of no less than 30 pounds over the felt underlayment extending from the eave edge to a point at least 36" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two pieces of underlayment from the eave edge up roof to a point at least 36" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Contact the Elk Technical Service Department for application specifications over other decks and other slopes.

● STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP ON THE HINGE OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE GAVE GIVE. With at least 2" overlap from the end of the first shingle, start at the rake edge overlapping the eave and rake edge 1/2" to 3/4". Place 2" from the lower edge and 1" from each side.

● FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 60° on the roof.

● SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 1". Other offsets are approved if greater than 1".

● THIRD COURSE

Offset the next course by 1" with respect to the second course, or consistent with the original offset.

● FOURTH COURSE

Start at the rake and continue with full shingles across roof.

● FIFTH AND SUBSEQUENT COURSES

Repeat application as shown for second, third, and fourth courses. Do not rock shingles straight up the roof. Others may be adjusted around valleys and penetrations.

● VALLEY CONSTRUCTION

Open, woven and closed net valleys are acceptable when applied by Asphalt Roofing Manufacturers Association (ARMA) recommended procedures. For metal valleys, use 2" wide vertical underlayment prior to applying metal flashing (secure edge with nail). No nails are to be within 6" of valley center.

● RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" 2" ridge or Seal-A-Ridge® with female FLX™ or Ridgecoat™ with FLX (See ridge package for installation instructions). Vented Ridgecoat or Seal-A-Ridge are also approved.

● FASTENING

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness eave area. For shingles without a fastener line, nails or staples must be placed between center in the eave area.

NAILS: Corrosion resistant, 30° head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In areas where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 30° ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosion resistant, 10-gauge minimum, crown width minimum of 18/10°. Note: An improperly adjusted staple gun can result in raised staples that can cause a full-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 1/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2000 code when fastened with 6 nails.

● STANDARD APPLICATIONS

Correct fastening is critical to the performance of the roof. For slopes exceeding 60° for 21/12 use six fasteners per shingle. Lesser fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness fastener area. Only fastening methods according to the above instructions are acceptable.

● LIMITED WIND WARRANTY

For a Limited Wind Warranty, all Premium and Rated Profile shingles must be applied with 4 properly placed fasteners, or in the case of standard applications, 6 properly placed fasteners per shingle.

For a Limited Wind Warranty up to 115 MPH for Premium Gallery Collection or Premium Plus or 95 MPH for Premium I, shingles must be applied with 6 properly placed nails per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY.

Also, Elk Starter Strip shingles must be applied at the eave and rake edges to qualify Premium Plus, Premium Gallery Collection and Premium I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overlap the eave or rake edge more than 24" of an inch.

● STEP STEP ROW-UPS AND GULL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (fastener) area of the shingle. Nails or staples must be placed along - and through - the "fastener line" or on products without fastener lines, nail or staple between and in the with eave area. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified.

All Premium and Rated Profile shingles have a U.L. Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO UNDERLAYER GUTTERS AND IMPROPER CHANGES OR HANDLING can harm shingles shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near water sources or heat. Do not store in direct sunlight and apply. DO NOT DOUBLE STACK. Systematically remove all stacks so that the material that has been stored the longest will be the first to be removed.

ELK
The Premium Choice
www.elkcorp.com

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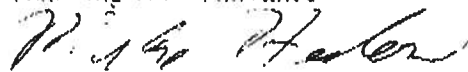
September 9, 2008

Columbia County Building Department
135 NE Hernando Avenue
Lake City, Florida 32056

Subject: Building Permit Number 26218
Fort White Developers, LLP
Contractor: Mike Herlong

This letter is to request a 90 day time extension on the subject building permit. The reason for the delay was the declining real estate market.

Thanking you in advance

A handwritten signature in black ink, appearing to read "Mike Herlong". The signature is fluid and cursive, with the first name "Mike" and last name "Herlong" clearly distinguishable.

Mike Herlong

RR0000133

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

26218

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

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

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: FT. White Developers Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 259 S.W. Paisley St.

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Gravel

Section 4: Treatment Information

Date(s) of Treatment(s) 11-4-07
Brand Name of Product(s) Used Termidor
EPA Registration No. 53449-189
Approximate Final Mix Solution % 1.06
Approximate Size of Treatment Area: Sq. ft. 2357 Linear ft. 247 Linear ft. of Masonry Voids 247
Approximate Total Gallons of Solution Applied 343
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Brannon Certification No. (if required by State law) _____

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 11-4-07

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

September 9, 2008

Columbia County Building Department
135 NE Hernando Avenue
Lake City, Florida 32056

Subject: Building Permit Number 26218
Fort White Developers, LLP
Contractor- Mike Herlong

This letter is to request a 90 day time extension on the subject building permit. The reason for the delay was the declining real estate market.

Thanking you in advance



Mike Herlong
RB0029433

21 9/18

COLUMBIA AVENUE OFFICE

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 34-6S-16-04060-122

Building permit No. 000026218

Use Classification SFD, UTILITY

Fire: 32.10

Permit Holder MIKE HERLONG

Waste: 83.75

Owner of Building FT WHITE DEVELOPERS

Total: 115.85

Location: 259 SW PAISLEY CT., FT. WHITE, FL

Date: 05/04/2009



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

26218

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 34-65-16-04060-122

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): Lot 22 Fort White Park
a) Street (Job) Address: 259 SW Paisley Cause Fort White, Fla 32098
2. General description of improvements: New Home
3. Owner Information
a) Name and address: Fort White Developers, LLP 6855 SW Edna Church Rd
b) Name and address of fee simple titleholder (if other than owner): Same
c) Interest in property: 100%
4. Contractor Information
a) Name and address: Mike Herlong
b) Telephone No.: 386-497-1114 Fax No. (Opt.): ---
5. Surety Information
a) Name and address: None
b) Amount of Bond: ---
c) Telephone No.: ---
6. Lender
a) Name and address: People's State Bank
b) Phone No.: 754-0002
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: Huey R. Hawkins
b) Telephone No.: 386-497-3991 Fax No. (Opt.): 386-497-3991
8. In addition to himself, owner designates the following person to receive a copy of the Lender's Notice as provided in Section 713.13(1)(b).
Florida Statutes:
a) Name and address: Mike Herlong - Contractor
b) Telephone No.: 386-497-3991 Fax No. (Opt.): ---

Inst: 200712021899 Date: 9/27/2007 Time: 9:02 AM

DC, P DeWitt Cason, Columbia County Page 1 of 1

9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): October 1, 2008

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

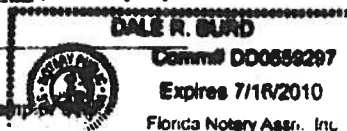
Huey R. Hawkins
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
Huey R. Hawkins
Print Name

The foregoing instrument was acknowledged before me a Florida Notary, this 26 day of September, 2007, by Huey R. Hawkins as Partner (type of authority, e.g. officer, trustee, attorney fact) for Fort White Developers, LLP (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification ☐ Type

Notary Signature

Notary Stamp



11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Huey R. Hawkins
Signature of Natural Person Signing (in line #10 above.)