DATE 12/06/2010

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000029046

APPLICANT LEE A.HOLLOWAY PHONE 352.665.1775

ADDRESS POB 1705 HIGH SPRINGS FL 32643

OWNER MEGAN M. HOLLOWAY PHONE 352.318.8505

ADDRESS 218 SW GREY WAY HIGH SPRINGS FL 32643

CONTRACTOR LEE HOLLOWAY PHONE 352.665.1775

LOCATION OF PROPERTY 441-S TO C-778,TR TO 2ND. RIVER RISE ENTRANCE,TL AND IT'S THE 2ND LOT ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 186050.00

HEATED FLOOR AREA 2038.00 TOTAL AREA 3721.00 HEIGHT 22.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

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

PARCEL ID 16-7S-17-10006-221 SUBDIVISION RIVER RISE

LOT 21 BLOCK PHASE UNIT 1 TOTAL ACRES 5.00

000001865		CGC1510178		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
18"X32'MITERED	10-0477	BLK	TC	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: 1 FOOT ABOVE ROAD. NOC ON FILE.

Check # or Cash 1306

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

Framing _____ date/app. by Insulation _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by Peri. beam (Lintel) _____ date/app. by Pool _____ date/app. by

Permanent power _____ date/app. by C.O. Final _____ date/app. by Culvert _____ date/app. by

Pump pole _____ date/app. by Utility Pole _____ date/app. by M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Reconnection _____ date/app. by RV _____ date/app. by Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 935.00 CERTIFICATION FEE $ 18.61 SURCHARGE FEE $ 18.61

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 1072.22

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

Columbia County Building Permit Application

For Office Use Only Application # 1011-46 Date Received 11/24 By JN Permit # 1865 / 29046

Zoning Official BLK Date 06.12.10 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE 1' below RL River N/A Plans Examiner T.C. Date 12-2-10

Comments

☑ NOC ☐ EH ☑ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS Fire Corr Road/Code

School = TOTAL

Septic Permit No. ~~[illegible]~~ #10-0477 Fax 386-454-0650

Name Authorized Person Signing Permit LEE A. HOLLOWAY LDM CONST. Phone 352-665-1775

Address P.O. BOX 1705, HIGH SPRINGS, FL, 32643

Owners Name MEGAN M. HOLLOWAY Phone 352-318-8505

911 Address 218 SW GREY WAY, P.O. HIGH SPRINGS, FL, 32643

Contractors Name LDM CONSTRUCTION CO. INC. Phone 352-665-1775

Address P.O. BOX 1705, HIGH SPRINGS, FL, 32643

Fee Simple Owner Name & Address MEGAN M. HOLLOWAY, 25399 OLD BELLAMY RD. HIGH SPRINGS, FL, 32643

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address WILLIAM MYERS DESIGN, INC. P.O. BOX 1513, LAKE CITY FL. 32056

Mortgage Lenders Name & Address N/A

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progress Energy

Property ID Number 16-7S-17-10006-221 Estimated Cost of Construction $90,000.-

Subdivision Name RIVER RISE PB ~~[illegible]~~ PAGE 57 Lot 21 Block Unit 1 Phase

Driving Directions 441 SOUTH TO CR 778, RIGHT ON 778, 2ND RIVER RISE ENTRANCE ON LEFT, 2ND LOT ON RIGHT.

Number of Existing Dwellings on Property - 0 -

Construction of SFR Total Acreage 5.0 Lot Size 348'x649'

Do you need a - (Culvert Permit) or Culvert Waiver or Have an Existing Drive Total Building Height 22'-2"

Actual Distance of Structure from Property Lines - Front 149' Side 135' N Side 156' S Rear 393'

Number of Stories 1 Heated Floor Area 2038 # Total Floor Area 3721 # Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. CK# 1306

JW Left MESSAGE for LEE 12.6.10

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full.
This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: ***YOU ARE HEREBY NOTIFIED*** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU 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 WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

Megan D. Hallaway

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature ****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Contractor's Signature (Permitee)

Contractor's License Number CGC1510178
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 24th **day of** Nov **20**10.

Personally known ___ **or Produced Identification** _____

State of Florida Notary Signature (For the Contractor)

SEAL:

LYNN J. WRIGHT
MY COMMISSION # DD 909218
EXPIRES: August 21, 2013
Bonded Thru Notary Public Underwriters

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1011-46 CONTRACTOR LDM Const. Co., Inc. PHONE 352-665-1775

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL 891 ✓	Print Name Peninsular Elect. Co., Inc. License #: EC0006668	Signature [signature] Phone #: 352-665-1775
MECHANICAL/ A/C 903 ✓	Print Name Joseph W Davis II License #: CAC1816529	Signature [signature] Phone #: 386-623-3487
PLUMBING/ GAS 441 ✓	Print Name Joseph W Davis II License #: CFC0-57304	Signature [signature] Phone #: 386-623-3487
ROOFING 890 ✓	Print Name LDM Const. Co., Inc. License #: CGC 1510178	Signature [signature] Phone #: 352-665-1775
SHEET METAL	Print Name N/A License #:	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name N/A License#:	Signature Phone #:
SOLAR	Print Name N/A License #:	Signature Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	N/A	—	—
✓ CONCRETE FINISHER 890	CGC 1510178	LDM Const. Co., Inc	[signature]
✓ FRAMING 890	CGC 1510178	" " " "	[signature]
✓ INSULATION 890	CGC 1510178	" " " "	[signature]
STUCCO	N/A	—	—
✓ DRYWALL 890	CGC 1510178	LDM Const. Co., Inc.	[signature]
PLASTER	N/A	—	—
✓ CABINET INSTALLER 890	CGC 1510178	LDM Const. Co., Inc.	[signature]
✓ PAINTING 890	CGC 1510178	" " " "	[signature]
ACOUSTICAL CEILING	N/A	—	—
✓ GLASS 890	CGC 1510178	LDM Const. Co., Inc.	[signature]
✓ CERAMIC TILE 890	CGC 1510178	" " " "	[signature]
✓ FLOOR COVERING 890	CGC 1510178	" " " "	[signature]
ALUM/VINYL SIDING	N/A	—	—
✓ GARAGE DOOR 890	CGC 1510178	LDM Const. Co., Inc.	[signature]
METAL BLDG ERECTOR	N/A	—	—

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Inst:201012018748 Date:11/23/2010 Time:11:43 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1205 P:686

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 16-7S-17-10006-221

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-21 of River Rise Subdivision Unit-1
   a) Street *(job)* Address: 218 S.W. Grey Way, High Springs, FL, 32643
2. General description of improvements: SFR
3. Owner information
   a) Name and address: Megan M. Holloway
   b) Name and address of fee simple titleholder (if other than owner) SAME
   c) Interest in property Owner
4. Contractor Information
   a) Name and address: LDM Construction Co. Inc. PO Box 1705 High Springs FL 32643
   b) Telephone No.: 352-665-1775 Fax No. (Opt.)
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond:
   c) Telephone No.: Fax No. (Opt.)
6. Lender
   a) Name and address: N/A
   b) Phone No.
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: LDM Construction Co. Inc, P.O. Box 1705, High Springs, FL. 32643
   b) Telephone No.: 352-665-1775 Fax No. (Opt.)
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
   a) Name and address: Lee A. Holloway, PO Box 1705, High Springs, FL. 32643
   b) Telephone No.: 352-665-1775 Fax No. (Opt.)
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified):**

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

10. Megan M Holloway
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Megan M Holloway
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 19 day of November, 20 10, by:
Megan M Holloway as Owner (type of authority, e.g. officer, trustee, attorney fact) for On Own Behalf (name of party on behalf of whom instrument was executed).

Personally Known ____ OR Produced Identification ✓ Type DL License

Notary Signature Sandra J Webb Notary Stamp or Seal

SANDRA J WEBB
Notary Public, State of Florida
Commission# DD623026
My comm. expires Dec. 17, 2010

---AND---

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.

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

STATE OF FLORIDA, COLUMBIA COUNTY
I HEREBY CERTIFY that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By: Deputy Clerk
Date: 11/23/10

CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

This Document Prepared By and Return to:
Darryl J. Tompkins, Esquire
Darryl J. Tompkins, P.A.
14420 NW 151st Blvd.
P.O. Box 519
Alachua, FL 32616

Inst:201012015865 Date:9/30/2010 Time:3:06 PM
Doc Stamp-Deed:455.00
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1202 P:839

Parcel ID Number: R10006-221

Warranty Deed

This Indenture, Made this 29th day of September, 2010 A.D., **Between** Timothy R. Hines and Cynthia K. Hines, husband and wife

of the County of Alachua, State of Florida, **grantors,** and Megan M. Holloway, a single woman

whose address is: 25399 NW Old Bellamy Road, High Springs, FL 32643

of the County of Alachua, State of Florida, **grantee.**

Witnesseth that the GRANTORS, for and in consideration of the sum of ----------TEN DOLLARS ($10)---------- DOLLARS, and other good and valuable consideration to GRANTORS in hand paid by GRANTEE, the receipt whereof is hereby acknowledged, have granted, bargained and sold to the said GRANTEE and GRANTEE'S heirs, successors and assigns forever, the following described land, situate, lying and being in the County of Columbia State of Florida to wit:

Lot 21 of RIVER RISE RESIDENTIAL SUBDIVISION UNIT 1, according to the Plat thereof as recorded in Plat Book 8, Page(s) 51, of the Public Records of Columbia County, Florida.

SUBJECT TO THE FOLLOWING:

A. Zoning restrictions, prohibitions and other requirements imposed by governmental authority;
B. Restrictions and matters appearing on the plat and/or common to the subdivision;
C. Taxes for the year 2010 and subsequent years.

and the grantors do hereby fully warrant the title to said land, and will defend the same against lawful claims of all persons whomsoever.

In Witness Whereof, the grantors have hereunto set their hands and seals the day and year first above written.

Signed, sealed and delivered in our presence:

Printed Name: Darryl J. Tompkins
Witness

Timothy R. Hines (Seal)
P.O. Address: Post Office Box 994, Newberry, FL 32669

Printed Name: Sandra E. Howe
Witness

Cynthia K. Hines (Seal)
P.O. Address: Post Office Box 994, Newberry, FL 32669

STATE OF Florida
COUNTY OF Alachua

The foregoing instrument was acknowledged before me this 29th day of September, 2010 by Timothy R. Hines and Cynthia K. Hines, husband and wife

who are personally known to me or who have produced their Florida driver's license as identification.

Notary Public State of Florida
Sandra E Howe
My Commission DD921163
Expires 11/15/2013

Sandra E. Howe
Notary Public
My Commission Expires: 11/15/13

HINES10-120

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: 10/20/2010 **DATE ISSUED:** 10/21/2010

ENHANCED 9-1-1 ADDRESS:

218 SW GREY WAY

HIGH SPRINGS FL 32643

PROPERTY APPRAISER PARCEL NUMBER:

16-7S-17-10006-221

Remarks:

LOT 21 RIVER RISE S/D, UNIT 1

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

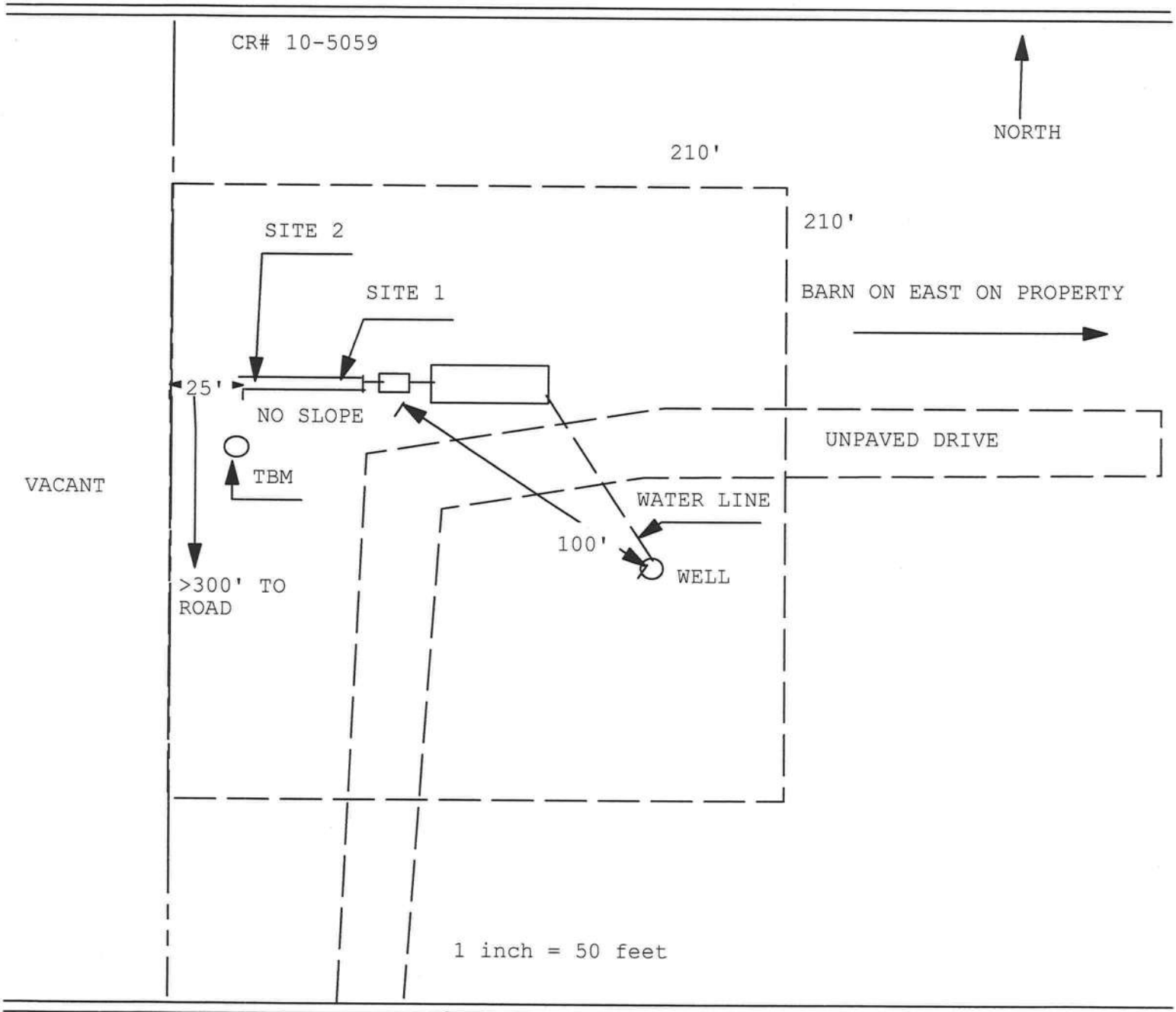
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

1826

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 10-0477

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul Lloyd Date 10/15/10

Plan Approved ✓ Not Approved ____ Date ____

By Sallie Ford, EH Director CPHU

Columbia CHD

Notes: See attached for full property dimensions.

10-0417
CR # 10-5059

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

PERMIT NO. 98223I
DATE PAID: 10/21/10
FEE PAID: 310.00
RECEIPT #: 1524165

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: MIKE MALONE

AGENT: PAUL LLOYD TELEPHONE: (386) 292-3352

MAILING ADDRESS: 6460 SW 19TH ST. NORTH LAUDERDALE FL 33068

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: N/A BLOCK: N/A SUBDIVISION: METES AND BOUNDS PLATTED: _____

PROPERTY ID #: 07-6S-17-09621-209 ZONING: Ag. I/M OR EQUIVALENT: [NO]

PROPERTY SIZE: 10.020 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [NO] DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: 236 SW HONEY BEECT

DIRECTIONS TO PROPERTY: 41 SOUTH TURN RIGHT ON TUSTANUGGEE RD PAST CR 240 TURN RIGHT ON SASAFRAS TURN RIGHT ON HONEY BEE CT. TO END ON RIGHT.

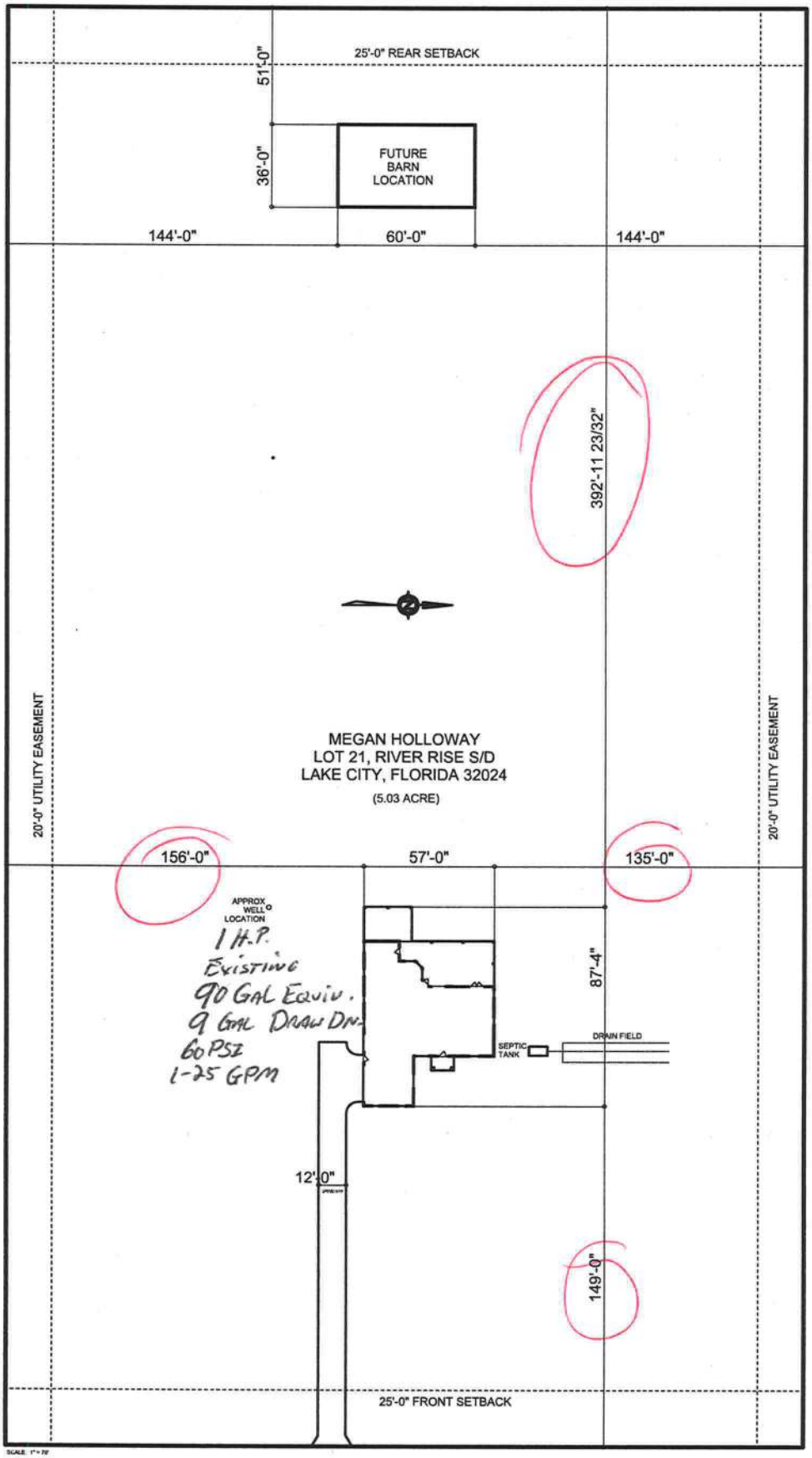
BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No.	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	MOBILE HOME	1	520	
2				
3				
4				

[ ] Floor/Equipment Drains [ ] Other (Specify) _____

SIGNATURE: Paul Lloyd DATE: 10/15/10

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC


25'-0" REAR SETBACK
51'-0"
36'-0"
FUTURE
BARN
LOCATION
144'-0"
60'-0"
144'-0"
392'-11 23/32"
20'-0" UTILITY EASEMENT
20'-0" UTILITY EASEMENT
MEGAN HOLLOWAY
LOT 21, RIVER RISE S/D
LAKE CITY, FLORIDA 32024
(5.03 ACRE)
156'-0"
57'-0"
135'-0"
APPROX
WELL
LOCATION
1 H.P.
Existing
90 Gal Equiv.
9 Gal Draw Dn.
60 PSI
1-25 GPM
87'-4"
SEPTIC
TANK
DRAIN FIELD
12'-0"
149'-0"
25'-0" FRONT SETBACK
SCALE 1" = 70'
SW GREY WAY

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001865

DATE 12/07/2010 PARCEL ID # 16-7S-17-10006-221

APPLICANT LEE A.HOLLOWAY PHONE 352.665.1775

ADDRESS POB 1705 HIGH SPRINGS FL 32643

OWNER MEGAN M. HOLLOWAY PHONE 352.665.1775

ADDRESS 218 SW GREY WAY HIGH SPRINGS FL 32643

CONTRACTOR LEE HOLLOWAY PHONE 352.665.1775

LOCATION OF PROPERTY 441-S TO C-778,TR TO 2ND. RIVER RISE ENTRANCE,TL AND IT'S THE 2ND LOT ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT RIVER RISE 21 1

SIGNATURE

INSTALLATION REQUIREMENTS

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

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

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

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 29046 CONTRACTOR LDM Constr. Co. Inc PHONE 352 665-1775

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name____ Signature____ License #: Phone #:
MECHANICAL/ A/C B	Print Name RANDALL K ELAND Signature w/c 11-29-11 License #: CAC 181538 Phone #: 352-258-2218 ELANDS HEATING + AIC INC JAN 2011
PLUMBING/ GAS	Print Name____ Signature____ License #: Phone #:
ROOFING	Print Name____ Signature____ License #: Phone #:
SHEET METAL	Print Name____ Signature____ License #: Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name____ Signature____ License#: Phone #:
SOLAR	Print Name____ Signature____ License #: Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING 979	2001648 49	DeRight Plastering JAN 18 2011 Edwin Harrell	Elam Harrell cust frame w/c
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each

CERTIFICATE OF 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 16-7S-17-10006-221 **Building permit No.** 000029046

Use Classification SFD/UTILITY **Fire:** 44.94

Permit Holder LEE HOLLOWAY **Waste:** 117.25

Owner of Building MEGAN M. HOLLOWAY **Total:** 162.19

Location: 218 SW GREY WAY

Date: 03/11/2011

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) **SHALL BE USED.**

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

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

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			**Items to Include- Each Box shall be Circled as Applicable**		
				Yes	**No**	**N/A**
1	Two (2) complete sets of plans containing the following:			✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			✓		
3	Condition space (Sq. Ft.) 2038		Total (Sq. Ft.) under roof 3721	IIIIIII	IIIIIII	IIIII

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	✓		
5	Dimensions of all building set backs	✓		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	✓		
7	Provide a full legal description of property.	✓		

Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIIII YES	IIIII NO	IIIIII N/A
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	✓		

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys			✓
18	Location and size of skylights with Florida Product Approval			✓
18	Number of stories	✓		
20A	Building height from the established grade to the roofs highest peak	✓		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade	✓		
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	✓		
25	Safety glazing of glass where needed	✓		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)			
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)	✓		
28	Identify accessibility of bathroom (see FBCR SECTION 322)	✓		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plan (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.			✓
32	Assumed load-bearing valve of soil_____ Pound Per Square Foot	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	✓		

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	✓		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	✓		

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. **Protection shall be provided by registered termiticides**	✓		

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	✓		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	✓		

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			✓
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers			✓
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers			✓
42	Attachment of joist to girder			✓
43	Wind load requirements where applicable			✓
44	Show required under-floor crawl space			✓
45	Show required amount of ventilation opening for under-floor spaces			✓
46	Show required covering of ventilation opening			✓
47	Show the required access opening to access to under-floor spaces			✓
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			✓

48	intermediate of the areas structural panel sheathing			✓
49	Show Draftstopping, Fire caulking and Fire blocking			✓
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			✓
51	Provide live and dead load rating of floor framing systems (psf).			✓

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	✓		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	✓		
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing	✓		
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating	✓		
67	Valley framing and support details	✓		
68	Provide dead load rating of rafter system	✓		

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	✓		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	✓		

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	✓		
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	✓		

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	✓		
74	Attic space	✓		
75	Exterior wall cavity	✓		
76	Crawl space			✓

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	✓		
78	Exhaust fans locations in bathrooms	✓		
79	Show clothes dryer route and total run of exhaust duct	✓		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	✓		
81	Show the location of water heater	✓		

Private Potable Water

82	Pump motor horse power 1 H.P.	✓		
83	Reservoir pressure tank gallon capacity 90 Gal Equivalent 9 Gal Draw Down	✓		
84	Rating of cycle stop valve if used 60 PSI 1-25 GPM	✓		

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	✓		
86	Ceiling fans	✓		
87	Smoke detectors & Carbon dioxide detectors	✓		
88	Service panel, sub-panel, location(s) and total ampere ratings	✓		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.	✓		

90	Appliances and HVAC equipment and disconnects	✓		
91	Arc Fault Circuits (AFCI) in bedrooms	✓		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058 10-0477	✓		
95	**City of Lake City** A permit showing an approved waste water sewer tap			
96	**Toilet facilities shall be provided for all construction sites**	✓		
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓
98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			✓
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			✓
100	A development permit will also be required. Development permit cost is **$50.00**			✓
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.	✓		
102	**911 Address:** If the project is located in an area where a 911 address has not been issued, then application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the applicati or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance o a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became nu and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applican will be notified by phone as to the date and time a building permit will b prepared and issued by the Columbia County Building & Zoning Department

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 2185 W. Grey Way, High Springs FL 32643 **Project Name:** Megan M. Holloway

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masonite	Swing Door Assemblies	FL 5891
2. Sliding	Masonite	Sliding Door Assemblies	FL 5880
3. Sectional	Overhead Door	Garage Roll-Up	
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	MI Home	Single Hung Window	FL 5108
2. Horizontal Slider	MI Home		FL 5451
3. Casement	MI Home	Casing	FL 6023
4. Double Hung	MI Home		FL 5104, 5447
5. Fixed	MI Home		FL 6028
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion	MI Home	Mullions	FL 5513, 6489
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Hardi-Board	7¼" x 12" Primed Hardi Board	FL 889
2. Soffits	Kay-Can		FL 4899-4957
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Tamko	3-Tab Arch Shingles	FL 1956-R1
2. Underlayments	Tamko	Mis Underlayments	FL 1478, 1481, 1740
3. Roofing Fasteners	RMW		
4. Non-structural Metal Rf	RMW		
5. Built-Up Roofing	Tamko	Built Up Roof	FL 741-R1
6. Modified Bitumen	Tamko	SBS Mod Roofing	FL 735-R1
7. Single Ply Roofing Sys	RMW		
8. Roofing Tiles	RMW		
9. Roofing Insulation	RMW		
10. Waterproofing	RMW		
11. Wood shingles /shakes	N/A		
12. Roofing Slate	N/A		

* Refer to Manufactor's Website (RMW)

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive	TAMKO	WET/DRY CEMENT	1960-2
16. Spray Applied Polyurethane Roof			
17. Other	MISTA	#15 & #30 FELT	D4869
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others	TAPCO	DECORATIVE SHUTTERS	FL 6421
F. SKYLIGHTS			
1. Skylight	SUNTEK		FL 2442
2. Other			
G. STRUCTURAL COMPONENTS	SIMPSON	ABU44.7	FL 474-21
	SIMPSON	H2.5A	FL 503-5
1. Wood connector/anchor	SIMPSON	MSTA24	FL 1901-57
2. Truss plates			
3. Engineered lumber	GP	2x4 #2 SYP	FL 1008
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof	NORBOARD	OSB	
11. Wall	NORBOARD	OSB WINDSTORM	
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

I understand these products may have to be removed if approval cannot be demonstrated during inspectic

Contractor or Contractor's Authorized Agent Signature

LEE A. HOLLOWAY
Print Name

10-25-10
Date

Permit # (FOR STAFF USE ONLY)

Lake City • (386) 755-3633
Fax • (386) 752-5456

Jacksonville • (904) 381-8901
Fax • (904) 381-8902

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254

JOB NO.: 10-469
DATE TESTED: 12-8-10

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: ✓ (D-2922) Nuclear _____ (D-2937) Drive Cylinder _____ Other

PROJECT: Lot 21 River Rise Sub-division #29046

CLIENT: LDM Contracting

GENERAL CONTRACTOR: SAC EARTHWORK CONTRACTOR: SAC

SOIL USE (SEE NOTE): 1 SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: C. Day

MODIFIED (ASTM D-1557): ✓ STANDARD (ASTM D-698): _____

TEST NO.	TEST LOCATION	TEST: ___DEPTH ___ELEV. ___LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST PERCENT	% MAX. DENS.
1	N.W. Corner 15' E * 20' S	12"	Pit	113.5	106.9	6.2	97
2	S.E. Corner 15' W * 12' N	12"	Pit	112.9	106.6	5.9	97
3	S.W. Corner 20' E x 12' N	12"	Pit	113.9	106.4	7.0	97

REMARKS: _____

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
Pit	Proctor provided by client thru Universal	110	13
	Eng. copy on file		

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

NOTICE OF INSPECTION AND/OR TREATMENT

218 SW Grey Way HS 32643
Address

29046
Date of Inspection

12/8/10
Date of Treatment - Full ☐ Spot ☐

Aggressor
Pesticide Used

Wood-Destroying Organisms Treated

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

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

DW Pest Control, Inc.
13618 NW 270th Ave.
Alachua, FL 32615

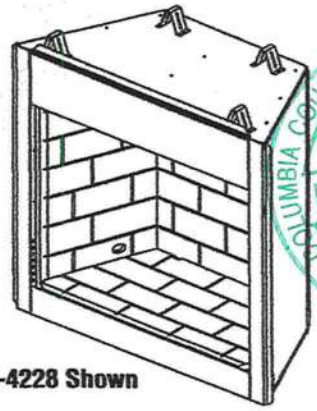
Call: **386-418-4387**
for a free inspection & estimate

SUPERIOR

INSTALLATION AND OPERATING INSTRUCTIONS

UNIVERSAL VENT-FREE FIREBOX

36" x 24", 36" x 28" & 42" x 28" Universal Vent-Free Fireboxes
P/N 700,032M REV. B 05/2006



UVFRC-4228 Shown

MODELS

UVF-36
UVFRC-3628
UVFRC-3628-H
UVFRC-4228
UVFRC-4228-H

INSTALLER: LEAVE THIS MANUAL WITH THE APPLIANCE.
CONSUMER: RETAIN THIS MANUAL FOR FUTURE REFERENCE.

In the Commonwealth of Massachusetts:
- **Installation must be performed by a licensed plumber or gas fitter;**
- **See Table of Contents for location of additional Commonwealth of Massachusetts requirements.**

WARNING: DO NOT ATTEMPT TO BURN SOLID WOOD FUELS, OTHER GAS LOG SETS OR ANY OTHER COMBUSTIBLE MATERIALS IN THIS VENT-FREE FIREBOX.

FOR YOUR SAFETY: Do not store or use gasoline or other flammables or liquids in the vicinity of this or any other appliance.

FOR YOUR SAFETY: What to do if you smell gas:

- **DO NOT light any appliance.**
- **DO NOT touch any electrical switches.**
- **Do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow your gas suppliers instructions.**
- **If your gas supplier cannot be reached, call the fire department.**

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

Tested & Listed By OTL Beaverton Oregon USA
OMNI-Test Laboratories, Inc.

OTL Report No.116-F-38-5

FOR USE ONLY WITH A LISTED GAS-FIRED UNVENTED DECORATIVE ROOM HEATER NOT TO EXCEED 40,000 BTU/H.

DO NOT BURN WOOD OR OTHER MATERIAL IN THESE APPLIANCES.

WARNING: IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE. REFER TO THIS MANUAL. FOR ASSISTANCE OR ADDITIONAL INFORMATION CONSULT A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER.

CAREFULLY REVIEW THE INSTRUCTIONS SUPPLIED WITH THE DECORATIVE TYPE VENT-FREE ROOM HEATER FOR THE MINIMUM FIREPLACE SIZE REQUIREMENT.

DO NOT INSTALL AN APPLIANCE IN THIS FIREBOX, UNLESS THIS FIREBOX MEETS THE MINIMUM DIMENSIONS REQUIRED FOR THE INSTALLATIONS.

THIS IS A VENT-FREE GAS-FIRED HEATER ENCLOSURE. IT USES AIR (OXYGEN) FROM THE ROOM IN WHICH IT IS INSTALLED. PROVISIONS FOR ADEQUATE COMBUSTION AND VENTILATION AIR MUST BE PROVIDED. REFER TO COMBUSTION AND VENTILATION AIR SECTION, PAGES 3 & 4.

Due to high temperatures, the appliance should be located out of traffic and away from furniture or draperies.

Do not place clothing or other materials on or near this appliance.

IMPORTANT: READ AND UNDERSTAND THESE INSTRUCTIONS COMPLETELY BEFORE INSTALLING YOUR VENT-FREE ROOM HEATERS.

IMPORTANT SAFETY INFORMATION

INSTALLER: PLEASE LEAVE THESE INSTRUCTIONS WITH THE OWNER.

OWNER: PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

⚠ WARNING

If the information in this manual is not follwed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

⚠ IMPORTANT

The fireplace screens on the appliance must be closed prior to operating the fireplace.

⚠ WARNING

These built-in vent-free fireboxes have only been tested and approved for use with ANSI Z21.11.2 Vent-free gas logs.

⚠ WARNING

Do not attempt to burn solid wood fuels, other gas log sets or any other combustible materials in this vent-free firebox.

⚠ WARNING

Any change to this Vent-Free room heater can be dangerous. Improper installation or use of this heater can cause serious injury or death from fire, burns, explosion or carbon monoxide poisoning.

⚠ WARNING

Do not allow fans to blow directly into the fireplace. Avoid any drafts that alter burner flame patterns.

⚠ WARNING

Carbon Monoxide Poisoning: Early signs of carbon monoxide poisoning are similar to the flu with headaches, dizziness and/or nausea. If you have these signs, obtain fresh air immediately. Have the Vent-Free Gas Heater serviced as it may not be operating correctly.

⚠ WARNINGS

- Due to high temperatures, the firebox should be located out of traffic and away from furniture and draperies.
- Do not place clothing or other flammable material on or near the heater.
- Any safety screen or guard removed for servicing the firebox must be replaced and/or closed prior to operating the heater.
- Installation and repair should be done by a qualified service person. The heater should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is important that control compartments, burners and circulating air passageways of the heater be kept clean.
- Allow the heater to cool before servicing. Always shut off any electricity or gas to the heater while performing service work.
- Do not install the firebox in a sleeping room or bathroom.
- The appliance and its individual shut-off valve must be disconnected from the gas supply piping system while performing any tests of the gas supply piping system at test pressures equal to or less than 1/2 psig.

⚠ WARNING

- The heater must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig.
- Keep heater area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- Do not use this heater if any part has been under water. Immediately call a qualified service technician to inspect the heater and to replace any part of the control system and any gas control which has been under water.
- Ensure that the heater is clean when operating. Excessive dust accumulation on the burner and logs will increase the amount of carbon monoxide formation and could lead to carbon monoxide poisoning and death.

⚠ IMPORTANT

Before starting your firebox installation, read these installation instructions carefully to be sure you understand them completely and in entirety. Failure to follow these instructions could cause a heater malfunction resulting in serious injury and/or property damage.

⚠ WARNING

Do not install in the vicinity where gasoline or other flammable liquids may be stored. The Vent-Free firebox must be kept clear and free from these combustible materials.

⚠ WARNING

Maintain minimum clearances.

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

CONGRATULATIONS!

In selecting this SUPERIOR Vent-Free Gas Firebox you have chosen the finest and most dependable fireplace to be found anywhere. A beautiful, prestigious, alternative to a wood burning fireplace. Welcome to a family of tens of thousands of satisfied SUPERIOR Fireplace Owners.

Please read and carefully follow all of the instructions found in this manual. Please pay special attention to the safety instructions provided in this manual. The Homeowner's Care and Operation Instructions included here will assure that you have many years of dependable and enjoyable service from your SUPERIOR product.

TABLE OF CONTENTS

This installation manual will help you obtain a safe, efficient, dependable installation for your appliance and vent system.

PLEASE READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING YOUR INSTALLATION.

Packaging List

Vent-Free Gas Firebox
Canopy *(optional for models UVFRC-3628, UVFRC-3628-H, UVFRC-4228 & UVFRC-4228-H)*
Installation and Operating Instructions
Warranty Certificate

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

GENERAL INFORMATION

These Vent-Free firebox enclosures are designed to accept all ANSI Z21.11.2 approved Decorative Type Vent-Free Gas Log Room Heaters. **For the appropriate Vent-Free Gas Log Room Heater model, refer to *Page 16* (see Vent-Free Gas Log Sets).** Refer to the installation instructions provided with the log sets for detailed instructions.

This installation manual will enable you to obtain a safe, efficient and dependable installation of your room heater system.

Do not alter or modify the firebox or its components under any circumstances. Any modification or alteration of the firebox system, including but not limited to the firebox and accessories, may void the warranty, listings and approvals of this system and could result in an unsafe and potentially dangerous installation.

These Built-In Vent-Free Fireboxes have been tested and approved as Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters to ANSI Z21.91.

Burn-in Period

During the first few times of operation of this appliance there will be some odor due to the curing of the paint and burning off of lubricants used in the manufacturing process. We recommend that you open windows and ventilate the house during the initial burns. The paint emits non-toxic odors during this process.

Depending on your use, the burn-in period may take a few hours or a few days.

KEEP YOUR HOUSE WELL VENTILATED DURING THE BURN-IN PERIOD. THE ODOR AND HAZE EMITTED DURING THE BURN-IN PERIOD CAN BE QUITE NOTICEABLE AND MAY SET OFF A SMOKE DETECTOR.

If an optional blower is installed, Do not turn it on during the Burn-In period.

Misc. Codes / Standards -

The Installation must conform to local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54 - latest edition.

The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 - latest edition.

Check the packaging list to be sure that you have all the necessary parts in usable condition. Also check for concealed damage.

Tools and Building Supplies Normally Required

Tools Should Include:

- Phillips screwdriver
- Hammer
- Saw and/or sabersaw
- Level
- Measuring tape
- Electric drill and bits
- Pliers
- Square
- Piping complying with local codes
- Pipe wrench
- Tee joint
- Pipe compound

Building Supplies Should Include:

- Framing materials
- Wall finishing materials
- Caulking materials *(noncombustible)*
- Fireplace surround materials *(noncombustible)*
- Insulation *(for packing around gas-line penetration holes)*

CODES

Adhere to all local codes or in their absence the latest edition of The National Fuel Gas Code ANSI Z223.1 or NFPA 54 which can be obtained from The American National Standards Institute, Inc. (1430 Broadway, New York, NY, 10018) or National Fire Protection Association, Inc. (Batterymarch Park, Quincy, MA, 02269).

COMBUSTION AND VENTILATION AIR

Heaters installed in these appliances shall not be installed in a confined space. Heaters installed in these appliances may be located in unusually tight construction provided the space is unconfined, or if confined, is provided with two permanent openings communicating directly with an additional room(s) of sufficient volume so that the combined volume of all connected spaces meets the criteria for an unconfined space, (National Fuel Gas Code ANSI Z223.1 1992, Section 5.3). Generally 50 ft^3 per 1,000 BTU input of all operating appliances in the space.

The National Fuel Gas Code defines a confined space as a space whose volume is less than 50 ft³ per 1,000 BTU/Hr (4.8 m³ per kw) of the aggregate input rating of all appliances installed in that space and an unconfined space as a space whose volume is not less than 50 ft³ per 1,000 BTU/Hr (4.8 m³ per kw) of the aggregate input rating of all appliances installed in that space. Rooms communicating directly with the space in which the appliances are installed, through openings not furnished with doors, are considered a part of the unconfined space.

Unusually tight construction is defined as construction where:

a. Walls and ceilings exposed to the outside atmosphere have a continuous water vapor retarder with a rating of one perm or less with openings gasketed or sealed, and
b. Weather stripping has been added on operable windows and doors, and
c. Caulking or sealants are applied to areas such as joints around window and door frames, between sole plates and floors, between wall-ceiling joints, between wall panels, at penetrations for plumbing, electrical, and gas lines, and at other openings.

Use the following equations to determine if you have a confined or unconfined space.

1. Determine the volume of space — ft³.

   Length x Width x Height = _____ ft³
   (Include adjoining rooms with doorless passageways or ventilation grills between rooms).

   Example: 24' (L) x 16' (W) x 8' (H) = 3072 ft³

2. Divide the volume of space by 50 ft³ to determine the maximum BTU/Hr the space can support.

   (volume of space – ft³)/ 50 ft³ = (Maximum BTU/Hr the space can support)

   Example: 3072 ft³ / 50 ft³ = 61.44
   or 61,440 BTU/Hr the space can support.

3. Add the BTU/Hr of all the fuel burning appliances in the space.

Vent-Free heater	_____	BTU/Hr
Gas appliance #1*	_____	BTU/Hr
Gas appliance #2	+_____	BTU/Hr
	Total =_____	BTU/Hr

Example:

Vent-free heater	26,000	BTU/Hr
Gas appliance #1 (water heater)	40,000	BTU/Hr
Total =	66,000	BTU/Hr

* Do not include direct-vent gas appliances. Direct-vent is sealed combustion and draws combustion air from the outdoors.

4. Compare the maximum BTU/Hr the space can support with the actual amount of BTU/Hr used.

   _____ BTU/Hr (max. the space can support)
   _____ BTU/Hr (actual amount of BTU/Hr used)

   Example:
   61,440 BTU/Hr (max. the space can support)
   66,000 BTU/Hr (actual amount of BTU/Hr used)

The space in the above example is a confined space because the actual BTU/Hr used is more than the maximum BTU/Hr the space can support. You must provide additional fresh air.

⚠ WARNING

If the area in which the heater may be operated is smaller than that defined as an unconfined space, provide adequate combustion and ventilation air by one of the methods described in the National Fuel Gas Code, ANSI Z223.1 1992, Section 5.3 or applicable local codes.

Your options are:

a. Rework equations adding the space of adjoining room(s). If the extra volume provides an unconfined space, then remove door or add ventilation grills between rooms. Refer to National Fuel Gas Code, ANSI Z223.1 1992, Section 5.3.

b. Vent room directly to the outdoors. Refer to National Fuel Gas Code, ANSI Z223.1 1992, Section 5.3.
c. Install a lower BTU/Hr heater, such as a 21,000 BTU/Hr, to make the area an unconfined space.

If the actual BTU/Hr used is less than the maximum BTU/Hr the space can support, then the space is an unconfined space. You will need no additional fresh air ventilation for an unconfined space.

COLD CLIMATE INSULATION

For cold climate installations, seal all cracks around the appliance with noncombustible material and wherever cold air could enter the room. It is especially important to insulate outside cavities between studs and under floor on which the appliance rests, if floor is above ground level. Gas line holes and other openings should be caulked with high temperature caulk or stuffed with unfaced fiberglass insulation. If the fireplace is being installed on a cement slab, in cold climates, a sheet of plywood or other raised platform can be placed underneath to prevent conducting cold up into the room. It also helps to sheetrock inside surfaces and tape for maximum air tightness and caulk firestops.

NEW YORK CITY, NEW YORK (MEA)

Installation of these fireplaces are approved for installation in New York City in the US state of New York.

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

Note: **The following requirements reference various Massachusetts and national codes not contained in this document.**

Requirements for the Commonwealth of Massachusetts

Un-vented Room Heaters shall be installed in accordance with 527 CMR 30.00 and 248 CMR 3.00 through 7.00:

(a) Permits and Inspections: In addition to complying with 248 CMR 3.05 the following requirements must be satisfied:

1. A permit shall be obtained from the head of the fire department and the local or state gas inspector having jurisdiction for the installation of all unvented propane or natural gas-fired space/room heaters.

2. The permits shall be conditioned upon final inspection and approval of installation by the head of the fire department and the local or state gas inspector having jurisdiction.

3. A copy of the manufacturer's installation/operating literature shall be submitted with each permit application.

4. Before operation, the Head of the Fire Department and the local or state gas inspector shall inspect the installation for compliance with 527 CMR (Board of Fire Prevention Regulations) and 248 CMR (Board of State Examiners of Plumbers and Gas Fitters).

5. A final inspection by the state or local gas inspector of the unvented space/room heater shall not be performed until proof is provided that the head of the fire department having jurisdiction has granted a permit.

(b)Unvented propane or natural gas-fired space/room heaters shall conform to ANSI Z21.11.2, be equipped with an oxygen depletion safety (ODS) shutoff system and be Product-approved in accordance with 248 CMR.

(c)Unvented propane or natural gas-fired space/room heaters shall be installed in accordance with their listings and the manufacturer's instructions. Proper clearances to combustibles shall be maintained. In no case shall the clearances be such as to interfere with combustion air and accessibility.

(d)Installations shall be of a permanent type, with a permanently piped fuel supply in accordance with 248 CMR. LPG appliances shall be subject to the storage requirements in accordance with 527 CMR 6.00. Portable unvented propane or natural gas-fired space/room heaters shall be prohibited.

(e)Unvented propane or natural gas-fired space/room heaters shall be prohibited in bedrooms and bathrooms.

(f)Space/room heaters shall be properly sized for the room or space of installation, but shall not exceed a maximum of 40,000 BTU input per room or space.

(g)In occupancies with an unvented propane or natural gas-fired space/room heater, no less than one listed carbon monoxide detector that is installed in accordance with the manufacturers instructions shall be installed and maintained near the space where the heater is located.

1. Any building wherein the heater is to be installed shall, as a precondition to such installation, have working smoke detectors installed and maintained in accordance with the requirements of 780 CMR (State Board of Building Regulations and Standards) in effect at the time of construction or;

2. If no requirement was in effect at the time of construction the smoke detector shall be compliant and installed as provided for in M.G.L. c. 148, § 26E.

(h)In rooms and buildings served by an unvented propane or natural gas-fired space/room heater, a primary source of heat, which is operable, shall be permanently installed and maintained in the building in accordance with 105 CMR (Department of Public Health).

(i)Sellers of unvented propane or natural gas-fired space/room heaters shall provide to each purchaser a copy of 527 CMR 30.00 upon sale of the unit.

- Installation and repair must be done by a plumber or gas fitter licensed in the Commonwealth of Massachusetts.
- The flexible gas line connector used shall not exceed 36 inches (92 centimeters) in length.
- The individual manual shut-off must be a T-handle type valve.

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

LOCATION OF FIREBOX

Carefully select the best location for installation of your built-in Vent-Free firebox. The following factors should be taken into consideration:

- Clearance to side wall, ceiling, woodwork and windows.
- Location must not be affected by drafts caused by kitchen exhaust fans, return air registers for forced air furnaces/air conditioners, windows or doors.
- Installation must provide adequate ventilation and combustion air.
- Do not install this firebox in a sleeping room or bathroom.
- Location should be out of high traffic areas and away from furniture and draperies due to heat from firebox.
- Never obstruct the front opening of the Vent-Free firebox or restrict the flow of combustion and ventilation air.
- Minimize modifications to existing construction. See ***Figure 1*** for location suggestions.

⚠ CAUTION

Do not install in the vicinity where gasoline or other flammable liquids may be stored. The Vent-Free firebox must be kept clear and free from these combustible materials.

⚠ WARNING

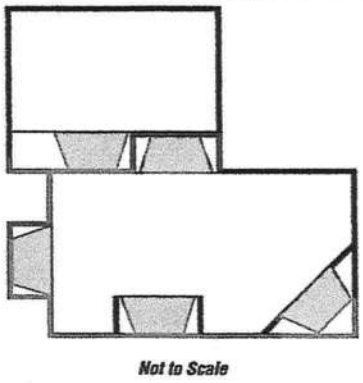
Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this fireplace.

⚠ WARNING

Do not install these built-in Vent-Free fireboxes in sleeping quarters, or in recreational vehicles.

⚠ WARNINGS

Do not install these appliances:
- Where curtains, furniture, clothing or other flammable objects are less than 42" from the front of the Vent-Free room heater.
- In high traffic areas.
- In windy or drafty areas.



Not to Scale

Figure 1

Clearances

Ensure the minimum clearances shown in ***Figures 2 through 6*** are maintained. Left and right clearances are determined when facing the front of the firebox.

Follow these instructions carefully to ensure safe installation. Failure to follow these requirements may create a fire hazard.

Sidewall clearances: The sides of the firebox opening must be at least 16" from any combustible wall (***Figure 2***).

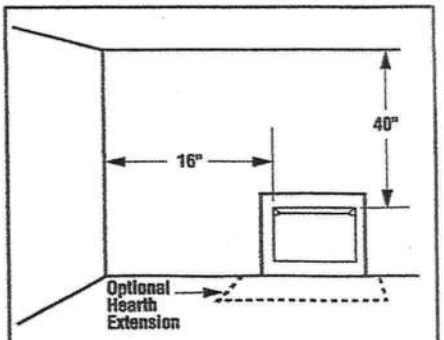


Figure 2

Ceiling clearance: The ceiling must be at least 40" from the top of the firebox opening (***Figure 2***).

Noncombustible material: Noncombustible materials, such as slate and marble, must be at least 1/2" thick and may be used without restriction above the firebox opening, to the sides or as a hearth extension, so long as they do not obstruct vent openings for heat circulating models.

RECOMMENDATION: Use high temperature finish material for the mantels and/or use the canopy (for UVFRC-3628, UVFRC-3628-H, UVFRC-4228 & UVFRC-4228-H).

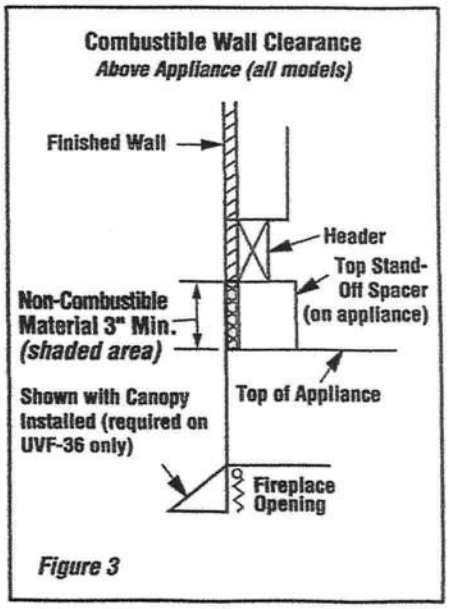
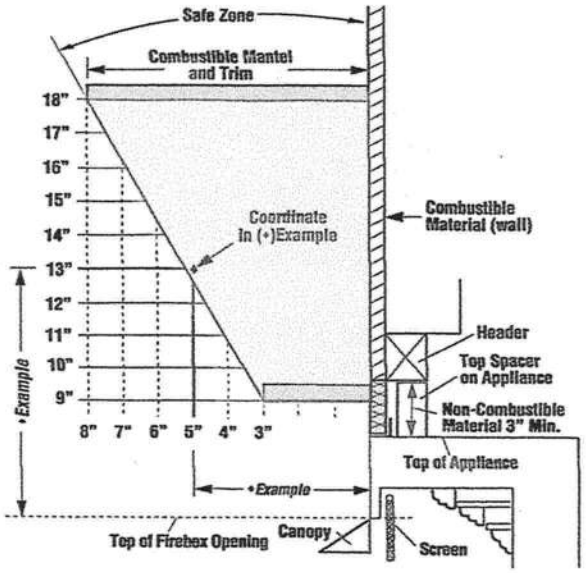


Figure 3

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

Combustible Mantel and Trim Clearance

Model UVF-36 WITH Canopy Installed
Canopy is required on all installations for this model only.

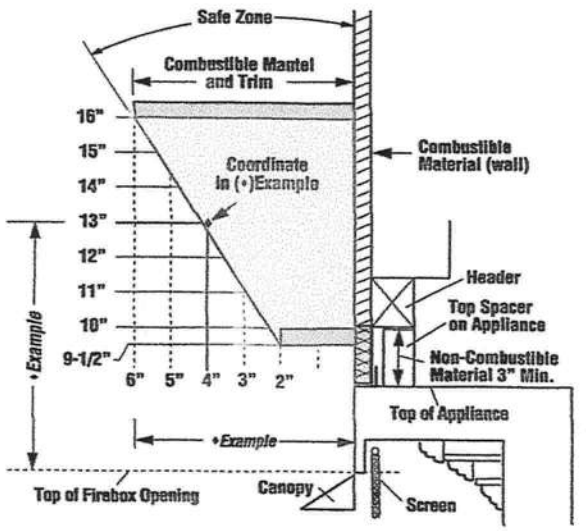


•EXAMPLE: If you choose to install a mantel that projects 5", you will need to install it so that the bottom of the mantel and trim is approximately 13" or more above Firebox opening (see coordinate in shaded area above).

Figure 4

Combustible Mantel and Trim Clearance

Models UVFRC-3628 and UVFRC-4228 WITH Canopy Installed
Canopy is optional on these models

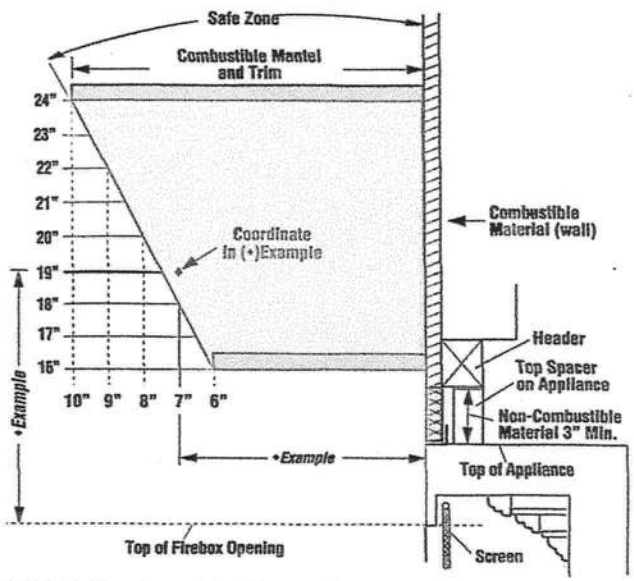


•EXAMPLE: If you choose to install a mantel that projects 4", you will need to install it so that the bottom of the mantel and trim is approximately 13" or more above Firebox opening (see coordinate in shaded area above).

Figure 5

Combustible Mantel and Trim Clearance

Models UVFRC-3628 and UVFRC-4228 WITHOUT Canopy Installed
Canopy is optional on these models



•EXAMPLE: If you choose to install a mantel that projects 7", you will need to install it so that the bottom of the mantel and trim is approximately 19" or more above Firebox opening (see coordinate in shaded area above).

Figure 6

Noncombustible material (minimum requirements) with wood mantel or other combustible projections: To install the firebox with a wood mantel, shelf or other combustible projection above firebox opening. Refer to ***Figures 4, 5 & 6.***

⚠ WARNING

The canopy must be in place to be in compliance with the clearances specified in *Figures 4 & 5*. Do not remove or replace canopy, only use canopy supplied or offered for these fireboxes (see *Pages 16 & 17*). Do not use any canopy which may be provided with the decorative type Vent-Free room heater.

If your mantel profile is unsafe, you may either:

- **Raise the mantel to an acceptable height, or**
- **Remove the mantel.**

Floor clearance: These fireplaces may sit directly on a combustible surface. The appliance should be mounted on a fully supported base extending the full width and depth of the unit. The appliance may be located on or near conventional construction materials. However,

if installed on combustible materials, such as carpeting, vinyl tile, etc., a metal or wood barrier covering the entire bottom surface must be used.

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

ASSEMBLY STEPS

Notes:

- Illustrations shown in this manual reflect "typical" installations with nominal dimensions and are for design and framing reference only. Actual installations may vary due to individual design preferences. However, always maintain minimum clearances to combustible materials and do not violate any specific installation requirements. Refer to the Framing Specifications ***Figures*** on ***Page 11.***

- The following steps represent the normal sequence of installation. Each installation is unique, however, and might require a different sequence.

Step 1. Position firebox prior to framing or into prepared framing.

Step 2. ***Field wire the main power supply to the appliance if a blower kit is to be installed (at the time of installation or a later date).*** An optional junction box kit and blower kit is required (see ***Page 15*** for ordering information). Follow the installation and wiring instructions on ***Pages 12 through 14).*** Electrical connections should only be performed by an experienced, licensed/certified tradesman.

Step 3. Plumb gas line. (Gas connections should only be performed by an experienced, licensed/certified tradesman).

Step 4. Install decorative type Vent-Free room heater per the instructions provided with the Vent-Free room heater.

Step 5. Complete finish wall material, surround and optional hearth extension to your individual taste.

INSTALLATION

Gas Line Installation

⚠ CAUTION

Plumbing connections should only be performed by a qualified, licensed plumber. Main gas supply must be off when plumbing gas line to fireplace or performing service.

Consult all local codes.

Properly size and route the gas supply line from the supply regulator to the area where the appliance is to be installed per requirements outlined in the National Fuel Gas Code, NFPA 54 - latest edition (USA) or B149 - latest edition (Canada). Never use galvanized or plastic pipe. Gas lines must be routed, constructed and made of materials that are in strict accordance with local codes and regulations. We recommend that a qualified individual such as a plumber or gas fitter be hired to correctly size and route the gas supply line to the appliance. Installing a gas supply line from the fuel supply to the appliance involves numerous considerations of materials, protection, sizing, locations, controls, pressure, sediment, and more. Certainly no one unfamiliar and unqualified should attempt sizing or installing gas piping.

Remove the gas line access cover plate on either the left or right side of the fireplace (see ***Figure 8*** showing locations).

Install 1/2" min. to 1-1/2" max. inside diameter approved gas line through the firebox wall for connection to the Vent-Free room heater inside the firebox. Connect the gas line before the firebox is enclosed in the finished wall. Gas line holes and other openings should be caulked with high temperature caulk or stuffed with unfaced fiberglass insulation.

Ensure that a sediment trap is installed in the existing gas line, if not, install a sediment trap upstream of the heater to prevent moisture and contaminants from passing through trap to the heater controls and burners. Failure to do so could prevent the heater from operating reliably.

An external regulator must be used on all propane (L.P.G). heaters, in addition to the regulator fitted to the heater, to reduce the supply tank pressure to 13" W.C. (maximum). Any copper tubing used to supply propane (L.P.G). from the tank must be internally tinned.

⚠ WARNING

Check Gas Type: The gas supply must be the same as stated on the heater's rating plate. If the gas supply is different, DO NOT INSTALL the heater. Contact your dealer for the correct model.

⚠ IMPORTANT

Hold heater regulator with a wrench to prevent movement when connecting to inlet piping.

⚠ WARNING

Connecting directly to an unregulated propane (L.P.G). tank can cause an explosion.

⚠ IMPORTANT

Pack unfaced fiberglass insulation material (not provided) around the gas line access hole on appliance and all exterior gas line penetration holes.

TEST ALL CONNECTIONS FOR GAS LEAKS (FACTORY AND FIELD)

Test all gas joints from the gas meter to the gas heater regulator for leaks using a gas leak test solution (also referred to as bubble leak solution).

Note: Using a soapy water solution as a leak detection solution is not recommended because the soap residue that is left on the pipes/fittings can result in a false-positive leak detection reading if a gas leak sniffer is used. Soap residue can also result in corrosion over time.

DO NOT USE AN OPEN FLAME TO CHECK FOR LEAKS.

Leak Test Procedure:
Turn on gas supply and test for gas leaks using a gas leak test solution.

A. Light the appliance (refer to the lighting instructions label provided with gas logs).

B. Brush all joints and connections with the gas leak detection solution. If bubbles are formed, or gas odor is detected, turn the gas control knob (off/pilot/on) to the "OFF" position. Either tighten or refasten the leaking connection, then retest as described above.

C. When the gas lines are tested and found to be leak free, rinse off the leak testing solution from gas line fittings.

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

Firebox Framing

Construct firebox framing following ***Figures 9 through 11*** and ***Table 1*** on ***Page 11*** for your specific installation requirements. Refer to ***Figure 8*** on ***Page 10*** for firebox dimensions.

The firebox may be installed directly on a combustible floor or raised on a platform of an appropriate height. Do not place firebox on carpeting, vinyl or other soft floor coverings. It may, however, be placed on flat wood, plywood, particle board, metal or other hard surfaces which extend the full width and depth of the enclosure. Be sure firebox rests on a solid continuous floor or platform with appropriate framing for support and so that no cold air can enter room from under the firebox.

⚠ CAUTION

Do not block the heat-circulating air inlets and outlets on these fireboxes. Doing so may create a potential fire hazard.

The firebox may be positioned and then the framing built around it, or the framing may be constructed and the firebox positioned into the opening.

Usually, no special floor support is needed for the firebox, however, to be certain:

1. Estimate the total weight of the firebox system and surround materials such as marble, brick, stone, etc., to be installed (see *Product Referance Table* on ***Page 10*** for appliance weight).
2. Measure the square footage of the floor space to be occupied by the system and surrounds.
3. Note the floor construction, i.e. 2" x 6", 2" x 8" or 2" x 10", single or double joists, type and thickness of floor boards.
4. Use this information and consult your local building code to determine if you need additional support.

If you plan to raise the firebox, build the platform assembly then position firebox on top. Secure the platform to the floor to prevent possible shifting.

Firebox Installation

Step 1. Frame these appliances as illustrated in ***Figures 9 through 11.*** All framing details must allow for a minimum clearance to combustible framing members as shown in ***Figures 2 through 6.*** Also refer to appliance specifications on ***Page 10***. Headers may be in direct contact with the appliance top spacers but must not be supported by them or notched to fit around them. All construction above the appliance must be self supporting, **DO NOT USE THE APPLIANCE FOR STRUCTURAL SUPPORT.**

Note: *The framed depth from a framed wall, must always be measured from a finished surface. If a wall covering such as drywall is to be attached to the rear wall, then the depth must be measured from the drywall surface. It is important that this dimension be exact.*

Step 2. Level the firebox by checking the top edge of the firebox. Shim if necessary.

Step 3. Fireplace should be secured to side framing members using the full length nailing tabs at the top and bottom of the fireplace front face. Use 8d nails (*see **Figure 7***).

Note: *The nailing flange and the area directly behind the nailing flange is exempt from the clearances described on the firebox clearance label.*

Step 4. To safely operate the heater with consideration of the mantel clearances the canopy must be installed (Model UVF-36 Only).

⚠ IMPORTANT

Under no circumstances shall the firebox top spacers be removed or modified (see *Figure 8*). The header may be in direct contact with the top spacers but must not be supported by them or notched to fit around them.

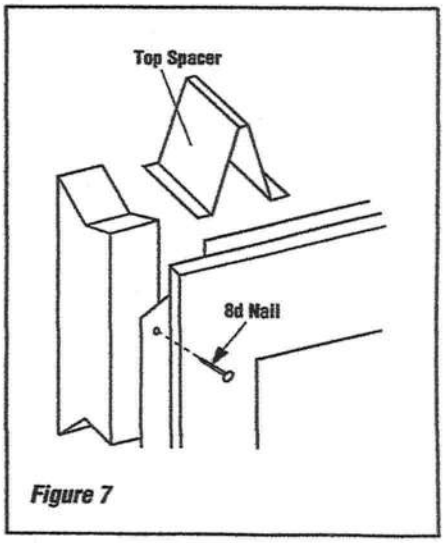


Figure 7

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

SPECIFICATIONS

Dimensions - Inches (millimeters)															
Model No.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	*Q
UVF-36	36 (914)	24 (610)	41-3/4 (1061)	37-1/4 (946)	23-1/2 (597)	20 (508)	3 (76)	7-3/8 (187)	15-7/8 (403)	7-1/2 (190)	11-15/16 (303)	1-5/16 (33)	5-1/2 (140)	30-5/16 (770)	29-5/8 (753)
UVFRC-3628 & UVFRC-3628-H	36 (914)	28 (711)	41-3/4 (1061)	41-1/4 (1048)	23-1/2 (597)	20 (508)	3 (76)	8-3/8 (213)	15-7/8 (403)	7-1/2 (190)	11-15/16 (303)	1-5/16 (33)	5-1/2 (140)	34-5/16 (872)	33-5/8 (854)
UVFRC-4228 & UVFRC-4228-H	42 (1067)	28 (711)	47-3/4 (1213)	41-1/4 (1048)	29-1/2 (749)	20 (508)	3 (76)	8-3/8 (213)	15-7/8 (403)	7-1/2 (190)	11-15/16 (303)	1-5/16 (33)	5-1/2 (140)	34-5/16 (872)	33-5/8 (854)

Product Reference Information			
Cat. No.	Model	Ship. Weight (lbs)	Shipping Volume
H1957	UVF-36	150 lbs	20 Cu. Ft.
H1953	UVFRC-3628	200 lbs	22 Cu. Ft.
H1954	UVFRC-3628-H	200 lbs	22 Cu. Ft.
H1955	UVFRC-4228	230 lbs	26 Cu. Ft.
H1956	UVFRC-4228-H	230 lbs	26 Cu. Ft.

* ***A canopy comes standard and is required for model UVF-36. The factory-supplied canopy must be installed on the firebox for safe operation for model UVF-36 in all installations. This part is optional for models UVFRC-3628, UVFRC-3628-H, UVFRC-4228 & UVFRC-4228-H.***

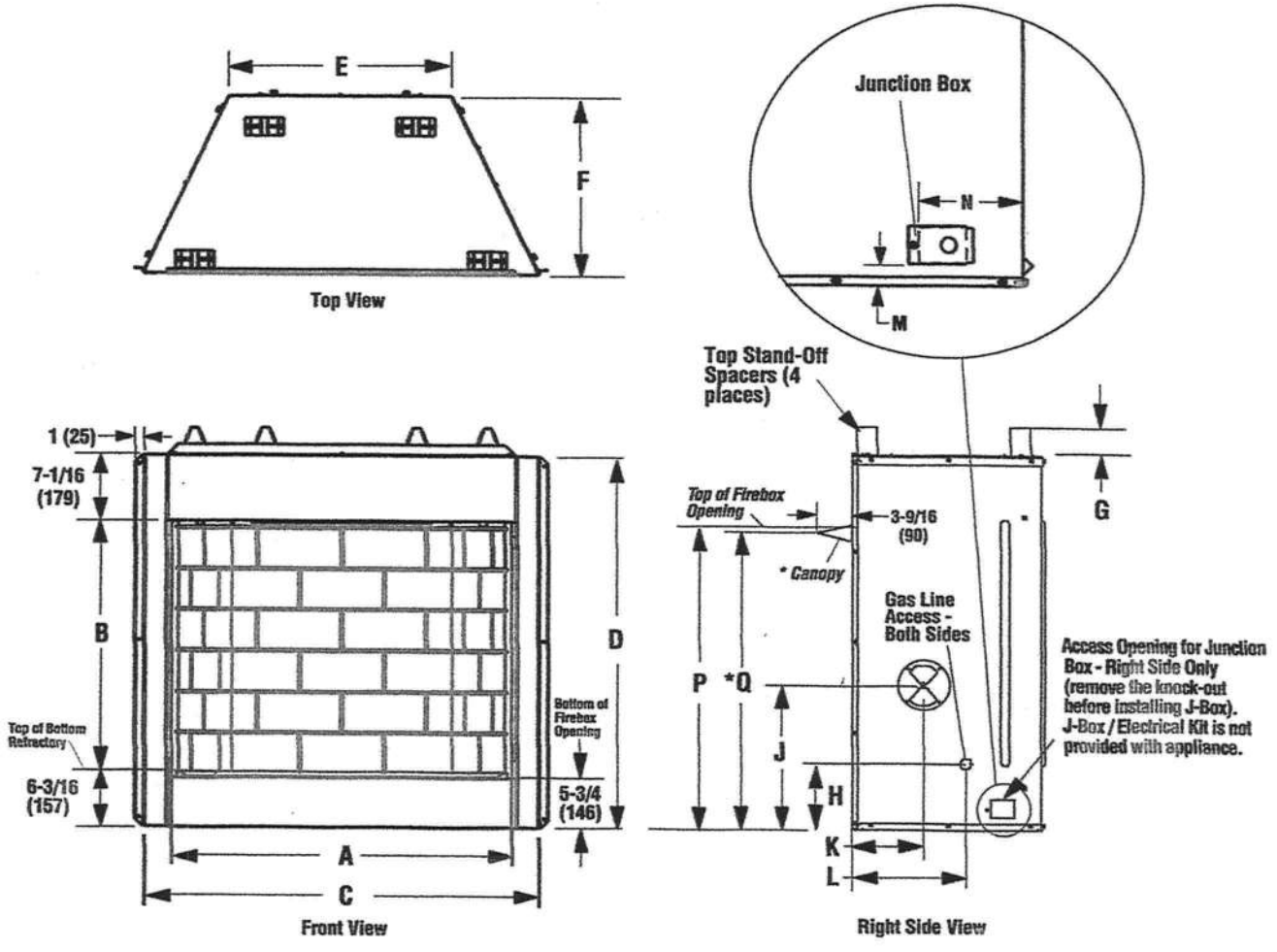


Figure 8

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

FRAMING SPECIFICATIONS

Framing Dimensions			
Opening	UVF-36	UVFRC-3628 & UVFRC-3628-H	UVFRC-4228 & UVFRC-4228-H
A	42-1/4" (1073)	42-1/4" (1073)	48-1/4" (1226)
B	40-1/4" (1022)	44-1/4" (1124)	44-1/4" (1124)
C	23-9/16" (599)	23-9/16" (599)	29-9/16" (751)
D	11-1/4" (286)	11-1/4" (286)	14-1/4" (362)
E	63-1/2" (1613)	63-1/2" (1613)	69-1/2" (1765)
F	31-3/4" (807)	31-3/4" (807)	34-3/4" (883)
G	20-1/2"(521)	20-1/2"(521)	20-1/2"(521)
H	44-3/16" (1122)	44-3/16" (1122)	49-1/8" (1248)

***Table 1** - This Table corresponds to Figures 9, 10 & 11*

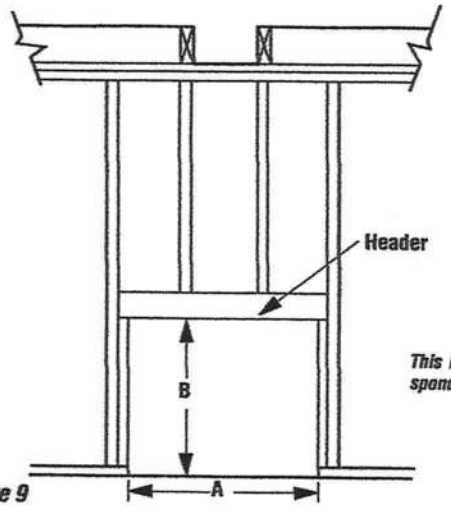


Figure 9

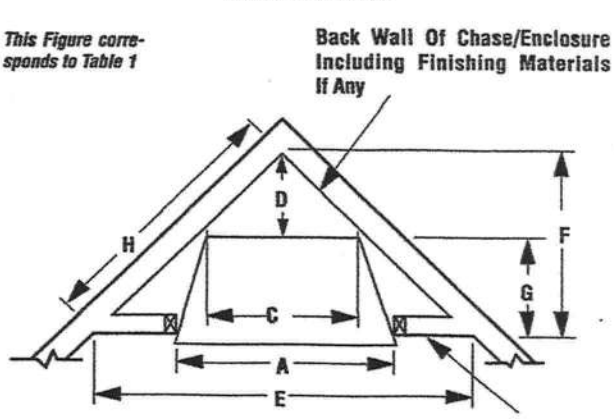


Figure 10

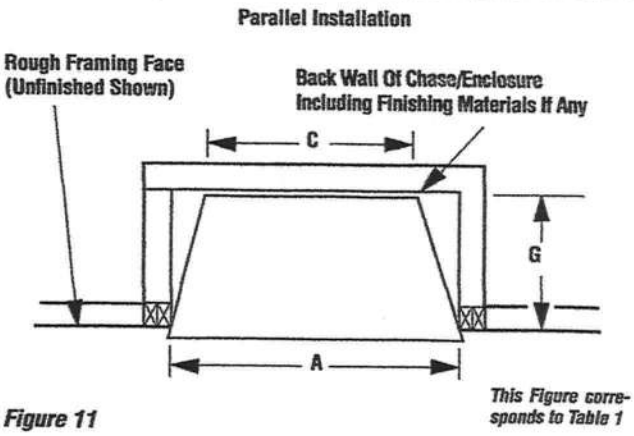


Figure 11

Canopy Kit Installation (see ordering information on *Page 16)*

NOTE:* A canopy comes standard and is required for model UVF-36. The factory-supplied canopy must be installed on the firebox for safe operation for model UVF-36 in all installations (this part is optional for other models). See *Figure 13.

These canopy kits are design to be fitted to the face of the appliance directly above the firebox opening. In addition to providing an aesthetically pleasing appearance to your appliance, the canopy reduces heat effects to decorative mantels and finish materials located directly above the fireplace and reduces the Mantel / Trim clearances (see ***Figures 4, 5 & 6*** on ***Page 7)***.

Please read this entire manual and understood thoroughly before proceeding with the installation of these kits.

Step 1. Using a 5/16" nut driver or socket, remove the screen and rod assemblies as shown in ***Figure 12.***

Step 2. Align the canopy with the holes in the side frames as shown in ***Figure 13.*** Install three screws as shown in ***Figure 13.*** Make sure canopy is level and secure.

Step 3. Reinstall screen and rod assemblies *(see **Figure 12**).*

Removing Screens & Rods: Remove screws (see dotted lines). Pull out rods from locating holes on side of firebox opening.

Reinstalling Screens & Rods: Insert rods into corresponding locating holes on sides of firebox opening, then reinstall screws as shown.

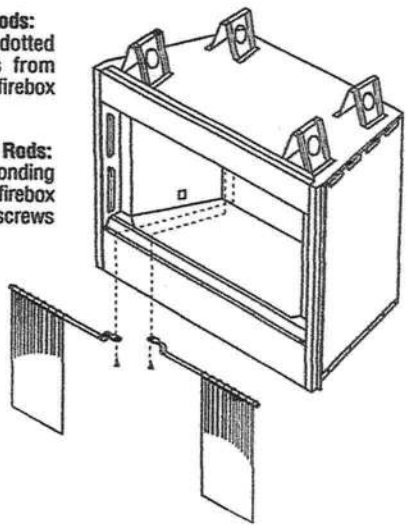


Figure 12

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

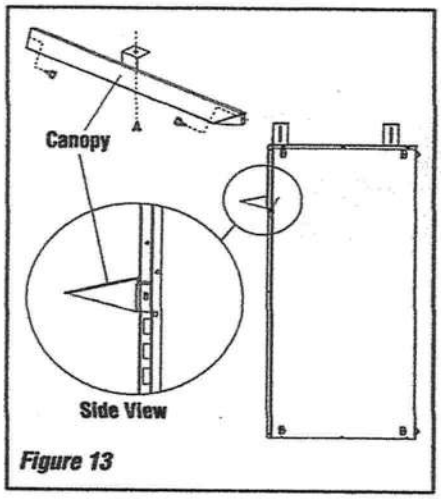


Figure 13

OPTIONAL EQUIPMENT

Blower Kits

The *FBK-100 Blower Kits* are used when a wall-mounted ON/OFF blower switch is desired, and the *FBK-200 Blower Kits* are used when a wall-mounted variable speed blower control (rheostat) is desired. A *Junction Box/Electrical Kit* is also required to install these kits (purchased separately - see ***Page 15***).

The blower is installed beneath the firebox. Room air is drawn in through the side slots of the fireplace, heated as it passes across the firebox, and discharged through the upper area of the firebox opening.

The installation instructions for installing these blower kits are on ***Pages 12 through 14***. Also see the installation instructions provided with the blower kits (Form #750,028M). For electrical requirements, refer to ***Figures 14, 15 & 16.***

If the blower kit is to be installed at the time of installation or at a later date, the main power supply must be installed at the time of installation. **This will require that the electrical connections must be made BEFORE the firebox is framed and enclosed in the finished walls.** Route a 3-wire, 120 VAC, 60 Hz, 1 ph power supply and connect to electrical receptacle wires and wall switch or rheostat.

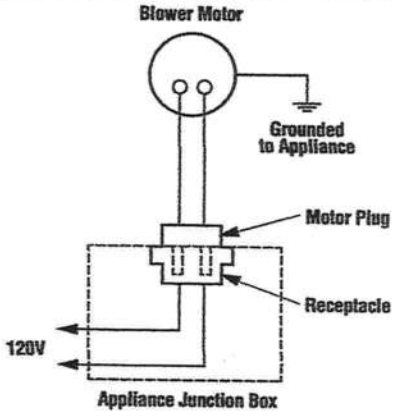
⚠ IMPORTANT

The *Ground Lead* must be connected to the green screw (located on the junction box). Failure to do this could result in an electrical short or shock injury.

The appliance must be electrically grounded in accordance with local codes or, in the absence of local codes, the national electrical code, ANSI/NFPA 70-(latest edition). (In Canada, the current CSA C22-1 Canadian Electrical Code).

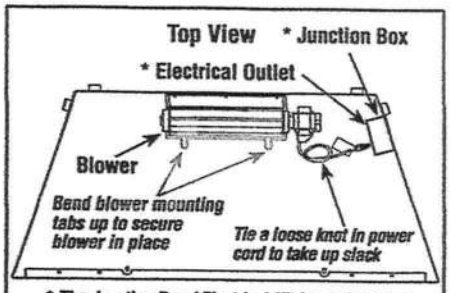
⚠ CAUTION

Electrical connections should only be performed by a qualified, licensed electrician. Main power must be off when connecting to main electrical power supply or performing service.



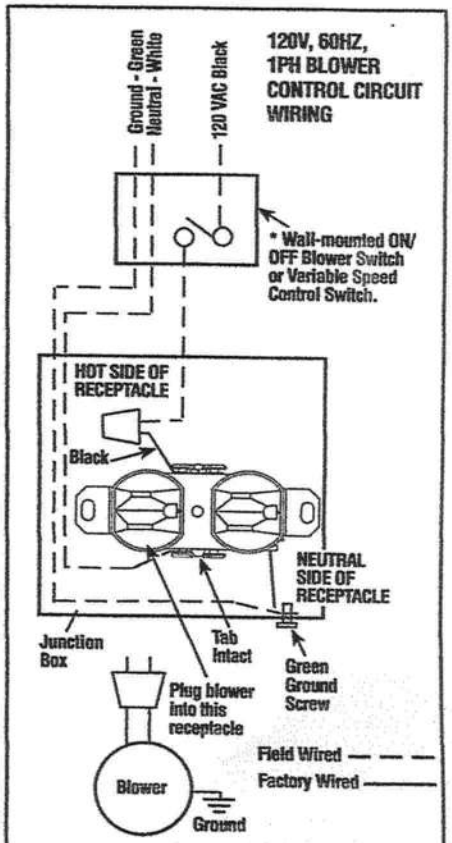
Note: **If any of the original wire as supplied must be replaced, it must be replaced with type AWM 105 degree C - 14 gage wire.**

Figure 14



*** The Junction Box / Electrical Kit is not included. See *Page 15* for ordering information.**

Figure 15



***An ON/OFF Wall Switch is used with the FBK-100 kit (field provided or sold separately - order P/N 85L87); A Variable Speed Control (provided) is used with the FBK-200 kit. The installation of these kits also require a Junction Box / Electrical Kit, not included. See *Page 15* for ordering information.**

Note: If any of the original wire as supplied must be replaced, it must be replaced with type AWM 105 degree C - 14 gage wire.

Figure 16

NOTE: DIAGRAMS & ILLUSTRATION ARE NOT TO SCALE.

CAPITOL WINDOWS

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

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650 Fin
TYPE: Aluminum Single Hung Window

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cfm/ft²
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technician

MAH:nlb

REEVES CERTIFICATE NO. 18354 STATE OF FLORIDA PROFESSIONAL ENGINEER

1 APRIL 2002

Architectural Testing

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

Rendered to

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

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

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

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

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

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

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

Allen M. Reeves
1 APRIL 2002

ALLEN M. REEVES
No. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Weatherstripping:

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

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

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

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

Hardware:

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

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1 APRIL 2002

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PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft^2	0.3 cfm/ft^2 max

Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 25.9 psf (positive)	0.42"*	0.26" max.
	@ 34.7 psf (negative)	0.43"*	0.26" max.

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

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 38.9 psf (positive)	0.02"	0.18" max.
	@ 52.1 psf (negative)	0.02"	0.18" max.

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Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	Deglazing Test (ASTM E 987)		
	In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
Optional Performance			
4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"*	0.26" max.
	@ 47.2 psf (negative)	0.46"*	0.26" max.

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

	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.05"	0.1[illegible] max.
	@ 70.8 psf (negative)	0.05"	0.1[illegible] max.

Allen N. Reeves
1 APRIL 2002

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STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

For ARCHITECTURAL TESTING, INC:

Mark A. Heas
Technician

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

MAH:nlb
01-41134.01

ALLEN N. REEVES
CERTIFICATE
NO. 12
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650
TYPE: Aluminum Triple Single Hung Window

Title of Test	Summary of Results
AAMA Rating	H-R35 112 x 72
Uniform Load Deflection Test Pressure	+35.3 psf -47.2 psf
Operating Force	25 lb max.
Air Infiltration	0.16 cfm/ft^2
Water Resistance Test Pressure	5.25 psf
Uniform Load Structural Test Pressure	+53.0 psf -52.5 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to ATI Report No. 01-41641.01 for complete test specimen description and data.

Allen N. Reeves
7 JUNE 2002

ALLEN N. REEVES
NO. 18354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Architectural Testing

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

Rendered to:

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

Report No: 01-41641.01
Test Date: 05/13/02
And: 05/16/02
Report Date: 06/05/02
Expiration Date: 05/16/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness testing on a Series/Model 650, aluminum triple single hung window at their facility located in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for a H-R35 112 x 72 rating.

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

Test Specimen Description:

Series/Model: 650

Type: Aluminum Triple Single Hung Window

Overall Size: 9' 3-1/2" wide by 5' 11-11/16" high

Active Sash Size (3): 3' 0-1/4" wide by 2' 10-3/4" high

Fixed Daylight Opening Size (3): 2' 8-1/4" wide by 2' 9-1/8" high

Screen Size (3): 2' 9-1/8" wide by 2' 11" high

Finish: All aluminum was painted white.

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7 JUNE 2002

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

Test Specimen Description: (Continued)

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

Weatherstripping:

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

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

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

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

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7 JUNE 2002

Test Specimen Description: (Continued)

Hardware:

Description	Quantity	Location
Metal cam lock with keeper	1	Midspan of each active meeting rail with adjacent keepers
Plastic tilt latch	2	Each active sash meeting rail ends
Metal tilt pin	2	Each active sash bottom rail ends
Balance assembly	2	Each active sash contained one in each jamb
Screen plunger	2	Each screen contained two 4" from rail ends on top rail

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	25 lbs	30 lbs max.
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.16 cfm/ft^2	0.3 cfm/ft^2 max

Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage

Allen N. Reeves
7 JUNE 2002

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Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds)		
	@ 15.0 psf (positive)	0.15"	0.41" max.
	@ 15.0 psf (negative)	0.29"	0.41" max.
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds)		
	@ 22.5 psf (positive)	0.01"	0.29" max.
	@ 22.5 psf (negative)	0.01"	0.29" max.
2.2. .6.2	Deglazing Test (ASTM E 987-88) In operating direction at 70 lbs		
	Right sash, meeting rail	0.12"/25%	0.50"/100%
	Right sash, bottom rail	0.12"/25%	0.50"/100%
	Middle sash, meeting rail	0.12"/25%	0.50"/100%
	Middle sash, bottom rail	0.12"/25%	0.50"/100%
	Left sash, meeting rail	0.12"/25%	0.50"/100%
	Left sash, bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Right sash, right stile	0.06"/12%	0.50"/100%
	Right sash, left stile	0.06"/12%	0.50"/100%
	Middle sash, right stile	0.06"/12%	0.50"/100%
	Middle sash, left stile	0.06"/12%	0.50"/100%
	Left sash, right stile	0.06"/12%	0.50"/100%
	Left sash, left stile	0.06"/12%	0.50"/100%
2 .8	Forced Entry Resistance (ASTM F 588-97)		
	Type: A Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Allen N. Reeves
7 JUNE 2002

ALLEN N. REEVES
CERTIFICATE NO. 18894
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
Optional Performance			
4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 5.25 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds)		
	@ 35.3 psf (positive)	0.46"*	0.41" max
	@ 47.2 psf (negative)	0.67"*	0.41" max
	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds)		
	@ 53.0 psf (positive)	0.03"	0.29" max
	@ 52.5 psf (negative)	0.02"	0.29" max

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

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

For ARCHITECTURAL TESTING, INC

Mark A. Hess
Technician

MAH:nlb
01-41641.01

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

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

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650
TYPE: Aluminum Picture Window

Title of Test	Results
Rating	F-R45 60 x 80
Overall Design Pressure	+45.0 psf -47.2 psf
Air Infiltration	0.04 cfm/ft^2
Water Resistance	8.25 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-41135.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technician

MAH:nlb

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
CERTIFICATE
NO. [illegible]
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Architectural Testing

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

Rendered to

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

Report No: 01-41135.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650, aluminum picture window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a F-R45 60 x 80 rating.

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

Test Specimen Description:

Series/Model: 650

Type: Aluminum Picture Window

Overall Size: 5' 0" wide by 6' 8" high

Daylight Opening Size: 4' 9-1/4" wide by 6' 5-1/4" high

Finish All aluminum was white.

Glazing Details: The test specimen utilized 7/8" thick, sealed insulating glass constructed from two sheets of 3/16" thick, clear annealed glass and a metal reinforced butyl spacer system. The glass was interior glazed against double-sided adhesive foam tape and secured with aluminum snap-in glazing beads.

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

Allen N. Reeves
1 APR 12 2002

ALLEN N. REEVES
CERTIFICATE NO. 11884
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss.

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck. #8 x 2-1/2" installation screws were utilized 18" on center around the interior perimeter. Polyurethane was utilized to seal the exterior.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.04 cfm/ft^2	0.3 cfm/ft^2 max.
	Water Resistance (ASTM E 547-00) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 33 seconds) @ 25.9 psf (positive) @ 34.7 psf (negative)	 0.01" 0.01"	 0.41" max. 0.41" max.
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	 0.0" 0.01"	 0.29" max. 0.29" max.

Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

ALLEN N. REEVES
LICENSE
NO. 12
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Allen N. Reeves
1 APRIL 2002

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
	Forced Entry Resistance (ASTM F 588-97)		
	Type: D Grade: 10		
	Hand and Tool Manipulation Test	No entry	No entry
Optional Performance			
4.3	Water Resistance (ASTM E 547-00) WTP = 8.25 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.02"	0.41" max.
	@ 47.2 psf (negative)	0.02"	0.41" max.
	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.01"	0.29" max.
	@ 70.8 psf (negative)	0.02"	0.29" max.

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

For ARCHITECTURAL TESTING, INC.

Mark A. Hess
Technician

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

ALLEN N. REEVES CERTIFICATE NO. 13394 STATE OF FLORIDA PROFESSIONAL ENGINEER

MAH:nlb
01-41135.01

MI HOME PRODUCTS

- PRIME ALUMINUM WINDOWS -

INSTALLATION INSTRUCTIONS FOR "NAIL FIN" PRODUCTS

MI Home Products appreciates your recent purchase of a maintenance free prime window, which will rust, rot, mildew, or warp. This is a quality product that left our factory in good condition – proper hand and installation are just as important as good design and workmanship. Please follow th recommendations to allow this product to complete its function.

1. Handle units one at a time in the closed and locked position and take care not to scratch frame or gl or to bend the nailing fin.

2. Set unit plumb and square into opening and make sure that there is 3/16" ± 1/16" clearance around frame. Fasten unit into opening in the closed and locked position, making sure that fasteners screwed in straight in order to avoid twisting or bowing of the frame. Make sure that sill is straight a level. Check operation of unit before any and all fasteners are set.

3. Use # 8 sheet metal or wood screws with a minimum of 1" penetration into the framing (stud). Place fi screws (two at each corner) 3" from end of fin. For positive and negative DPs (design pressures) up 35, do not exceed 24" spacing of additional screws. For DPs from 35.1 to 50, do not exceed 18". Inst load bearing shim adjacent to each anchor. Use shim where space exceeds 1/16".

4. Flash over head and caulk outside perimeter in accordance with code requirements and good installati practices.

5. Fill voids between frame and construction with loose batten type insulation or non-expanding aeros foam specifically formulated for windows and doors to eliminate drafts. The use of expanding aeros type insulating foam, which can bow the frame, waives all stated warranties.

6. Remove plaster, mortar, paint and any other debris that may have collected on the unit and make su that sash/vent tracks and interlocks are also clear. Do not use abrasives, solvents, ammonia, vinega alkaline, or acid solutions for clean-up, especially with insulated glass units as their use could cau chemical breakdown of the glass seal. Take care not to scratch glass; scratches severely weaken gla and it could eventually break from thermal expansion and contraction. Clean units with water and mi detergent as you would you automobile.

- CAUTION -

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

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

[illegible]

juris luzins
architect
AR 0007907

Wind Load Design

Date 1 Nov. 10

Job Name Holloway

Location River Rise Columbia Co.

The Wind Load Design for this structure is in compliance with the 2007 Florida Building Code Section 1609

Method of Design ASCE 7-05

Criteria:

Basic Wind Speed (3 second Gust) 110 MPH

Wind Importance Factor and Building Category 1.0

Wind Exposure Category B

Internal Pressure Coefficients:	Partially Enclosed Buildings	+0.55 -0.55
	Enclosed Buildings	+0.18 -0.18
	Open Buildings	0.00

Maximum lateral load transferred through roof diagram 9000 #

Design Wind pressure for Components and Cladding: (maximum values)

Roof −25.5 psf

Wall −29.1 psf

Juris Luzins
1 Nov 10

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juris luzins
architect
AR 0007907

October 30, 2010

Summary of Requirements

Roof Sheathing: 7/16" OSB Plywood

Fasteners: @Edges 8d Type Ring Shank spacing 6"

@Interior " Type " spacing 6"

Truss Anchors: **Manufacturer** Simpson or equal

Girder Girder Trusses Jacks

Truss #1	Length	Model # H15-2	No. Req. 1	Uplift 1120	Horiz. 410
Truss #2	Length	Model # H10-2	No. Req. 1	Uplift 850	Horiz. 450
Truss #3	Length	Model # H10	No. Req. 1	Uplift 850	Horiz. 450
Truss #4	Length	Model # H2.5	No. Req. 1	Uplift 365	Horiz. 130
Truss #5	Length	Model #	No. Req.	Uplift	Horiz.

Verify uplift and horizontal forces with truss manufacturer

Wall Construction:

Frame Construction ✓

Masonry Construction

Wall Bracing:

Balloon Framing

Ceiling Diaphragm

Hip Roof ✓

Gable End on Masonry Wall

Wood Studs:

Stud#1:	Type SPF No1-No2	Height 9'	Spacing 16"	2x4
Stud#2:	Type	Height	Spacing	
Stud#3:	Type	Height	Spacing	
Stud#4:	Type	Height	Spacing	
Stud#5:	Type	Height	Spacing	

Masonry:

Description: —

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juris luzins
architect
AR 0007907

October 30, 2010

Shearwalls and Exterior Sheathing

Wall Sheathing 7/16" OSB
Transverse: Shearwalls (accumulated length) 61.5'
Fasteners: @edges 8 d Nails ____ Staples ____ Screws 6 "o.c.
@interior 8 d Nails ____ Staples ____ Screws 8 "o.c.
Longitudinal Shearwalls (accumulated length) 66.67'
Fasteners: @edges 8 d Nails ____ Staples ____ Screws 6 "o.c.
@interior 8 d Nails ____ Staples ____ Screws 8 "o.c.
Drag Strut: 16 d Nails @ 24 "o.c. all top plates

Vertical Tension Resistance:
Wall Straps ____
Sheathing Fasteners 8d Common @ 4" o.c. top & bottom

Tie Columns ____

Anchorage to Concrete Slabs:
Anchor Bolts 1/2" ϕ Spacing 48" Washer 2"
Corner Hold-down 1/2" AB w/ 3"x3" Location 6.5" ea. way @ corners
Distance to first anchor bolt from corner 24"
Corner Hold-down at wood floor system ____ Location ____

Foundations: 12"x20" dp. monolithic w/ 2 #5 ϕ cont.

Porch Column Anchors:
Column to Beam Simpsm PC88
Column to Slab Simpsm ABU88

Anchorage @ Wall Openings
Simpsm CS18X24 ea. side top & bottom

Juris Luzins
AR000907

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architect
AR 0007907

Wind Design and Analysis

Method of design – ASCE 7-05 Method 1 Simplified Procedure
Compliance with chapter 16 section 1609 Florida Building Code 2007

Job – Holloway

Location – Columbia Co. (River Rise)

Building size – 57' X 72'-4"

Height of exterior wall – 9'

Overhang – 1'-4"

Roof cross slope – 6/12 26.6°

Mean roof height – 12.33'

End zone – 6'

Wind velocity – 110 MPH (3 sec. gust)

Importance factor – 1.0

Wind exposure category – B

Degree of enclosure – Enclosed

Maximum lateral loads on building – 12524#

Deadloads

Roof 11psf

Walls 66plf

Foundation 250plf

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architect
AR 0007907

October 17, 2010

Girders
49'-8" x 3.5 x 25.5/49'-8" = 89 plf
11 x 3.5 x .6 = 23
uplift 25.33 x 66 = 66 plf

Roof uplift at top of wall (Figure6-3 Chapter 6 ASCE7) 1671#
(Figure6-3 Chap. 6 ASCE7– Overhangs)

18.1 psf -int.
Roof 25.5 psf -edge
Overhang - 40.6 psf
deadload - 49'-8" x 2 x 11 x .6/3 = 219

49'-8" x 2 x 18.1/3 = 599
1.33 x 2 x 40.6 = 108 - overhang

INT.	
599	380
-219	2
380#	760#
+ 108#	ctr.
488#	brg.

Girders-

Truss anchors		Capacity	Lateral	
Simpson	H15-2 & H10-2	1120+850	410+450	@ max. uplift
	H15-2	1120	410	@ outside brg.
Simpson	H10	850	450	@ trusses

* See Truss Engineering for specific truss layout, uplift and lateral load values

Simpson H2.5 365 130 @ jacks

Header tie-downs

2431#/2 = 1215#

Span 6'
Use Simpson CS 18 x 24 ea. side of opg, top & bottom

Sheathing nailing 488/2 = 240/3 = 80#
8d Common @ 4" o.c. top & bottom & @ horizontal blocking

Uplift at top of footing

240 - 40 = 200

Uplift 200#/lft
66 x .6 = 40
Weight of footing 150#/lft
250 x .6 = 150
Anchor bolts 1/2" ϕ @ 48" o.c.
Corner Hold down 1/2" AB 6.5" ea. way @ corners
Porch columns Simpson PC 88 & 3·CS 18 X 24 Simpson ~~ABU88~~ 2·~~HETA~~ 20 > VERIFY UPLIFTS

– SEE TRUSS ENGINEERING –

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352-224-8673 • jurisluzins@cox.net

Shingles

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

CertainTeed Corporation
1400 Union Meeting Road
Blue Bell, PA 19422

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

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

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

DESCRIPTION: Landmark 30 (and-AR) (and WideTrack QB), Landmark 40 (and-AR) (and WideTrack QB) and Landmark 50 (and-AR) (and WideTrack QB)

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

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

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

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

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

This NOA consists of pages 1 through 4.
The submitted documentation was reviewed by Frank Zuloaga, RRC

ROOFING ASSEMBLY APPROVAL

Category:	Roofing
Sub-Category:	07310 Asphalt Shingles
Materials	Dimensional
Deck Type:	Wood

1. SCOPE

This revises **CertainTeed Landmark 30 and AR (and WideTrack QB), CertainTeed Landmark 40 and AR (and WideTrack QB), CertainTeed Landmark 50 and AR (and WideTrack QB)** Shingles as manufactured by **CertainTeed Corporation** described in Section 2 of this Notice of Acceptance.

2. PRODUCT DESCRIPTION

Product	Dimensions	Test Specifications	Product Description
Certainteed Landmark 30 and AR (and WideTrack QB)	13¼" x 38 ¾"	PA 110	A heavy weight, 247lb/sq, dimensional asphalt shingle.
Certainteed Landmark 40 and AR (and WideTrack QB)	13¼" x 38 ¾"	PA 110	A heavy weight, 264lb/sq, dimensional asphalt shingle.
Certainteed Landmark 50 and AR (and WideTrack QB)	13¼" x 38 ¾"	PA 110	A heavy weight, 296lb/sq, dimensional asphalt shingle.
Accessory Shingles	various	proprietary	Accessory shingles for hip, ridge and starter strip applications.

3. EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Underwriters Laboratories, Inc.	R684	UL 790	04/02/01
PRI Asphalt Technologies, Inc.	PCTC-01-02-01 CTC-006-02-01	PA 100	01/12/01 11/12/02
Underwriters Laboratories, Inc.	94NK9632 02NK42448	Wind uplift resistance PA 107	11/30/00 11/08/02

4. LIMITATIONS

- **4.1** Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- **4.2** Shall not be installed on roof mean heights in excess of 33 ft.

5. INSTALLATION

- **5.1** Shingles shall be installed in compliance with Roofing Application Standard RAS 115.
- **5.2** Flashing shall be in accordance with Roofing Application Standard RAS 115
- **5.3** The manufacturer shall provide clearly written application instructions.
- **5.4** Exposure and course layout shall be in compliance with Detail 'A', attached.
- **5.5** Nailing shall be in compliance with Detail 'B', attached.

6. LABELING

6.1 Shingles shall be labeled with the Miami-Dade Logo or the wording "Miami-Dade County Product Control Approved".

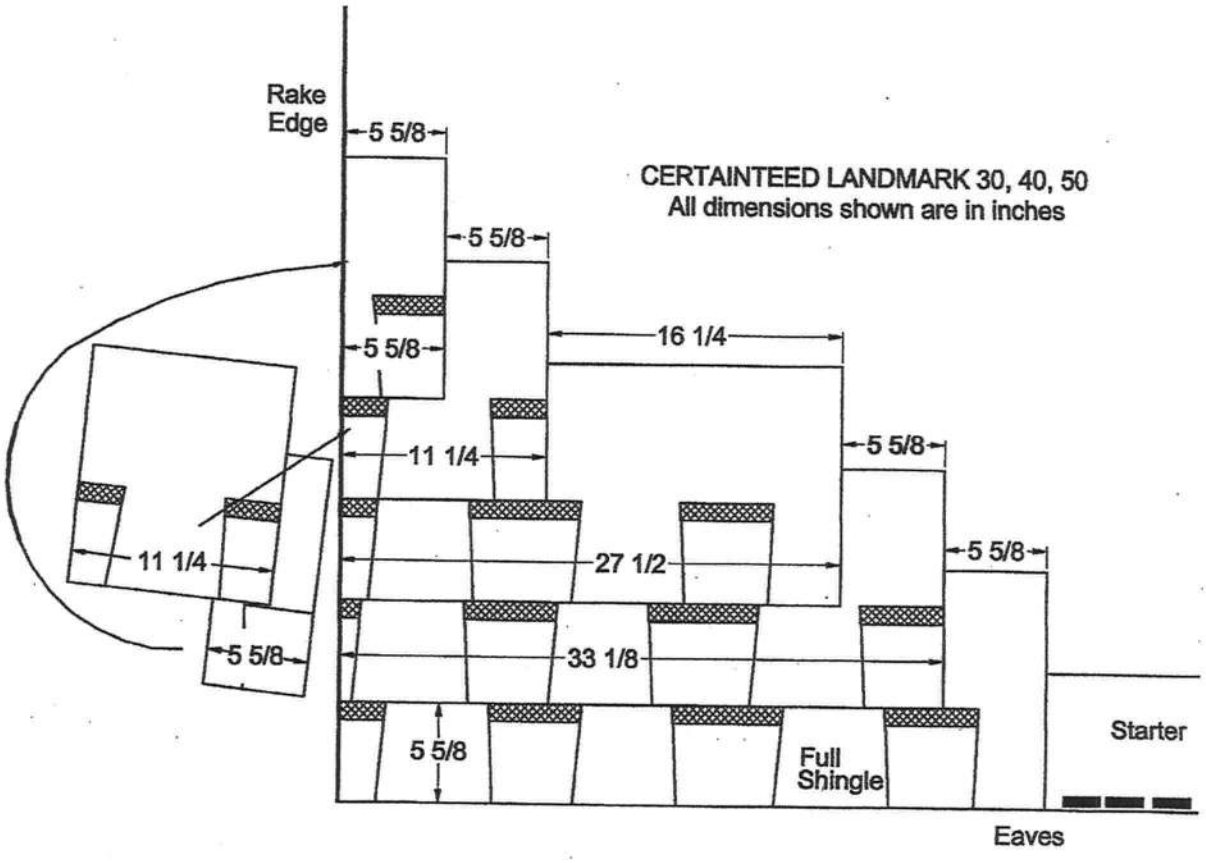
7. BUILDING PERMIT REQUIREMENTS

7.1 Application for building permit shall be accompanied by copies of the following:

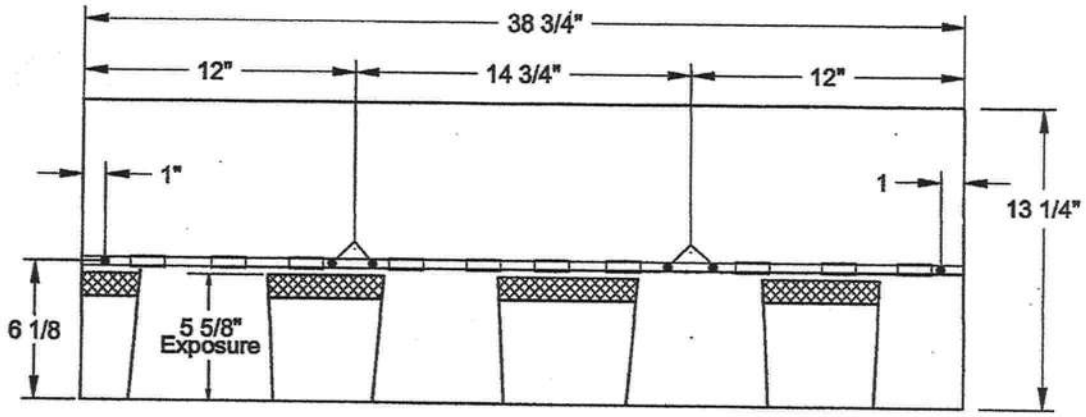
7.1.1 This Notice of Acceptance.

7.1.2 Any other documents required by the Building Official or the applicable code in order to properly evaluate the installation of this system.

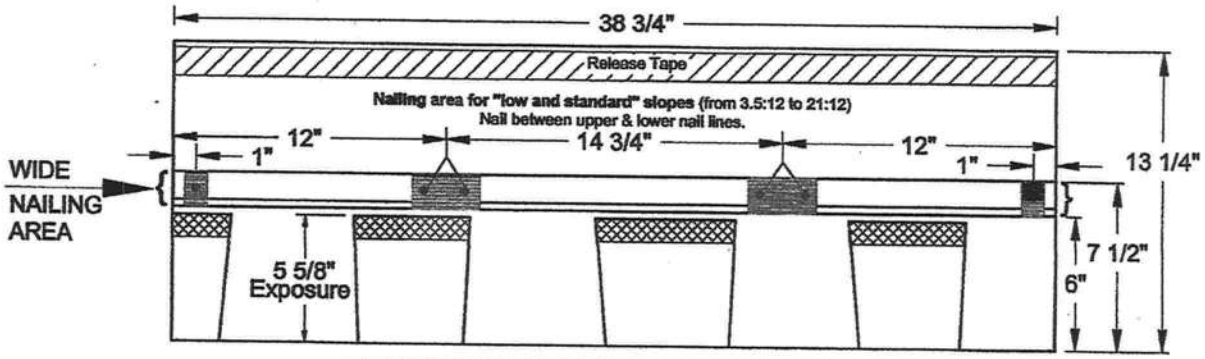
DETAIL A



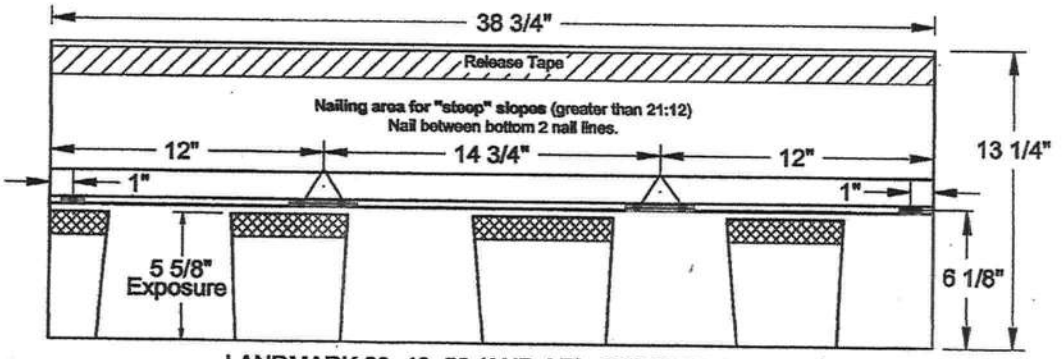
DETAIL B



LANDMARK 30, 40, 50 (AND AR)



LANDMARK 30, 40, 50 (AND AR) - WIDETRACK QB
(Low and Standard Slope)



LANDMARK 30, 40, 50 (AND AR) - WIDETRACK QB
(Steep Slope)

END OF THIS ACCEPTANCE

Masonite® "EXTERIOR DOOR PRODUCTS"

METAL - EDGE STEEL DOOR
IN A
"FAST FRAME"
2 - PIECE ADJUSTABLE STEEL FRAME
IN-SWING / OUT-SWING
3'0 X 6'8

GENERAL NOTES

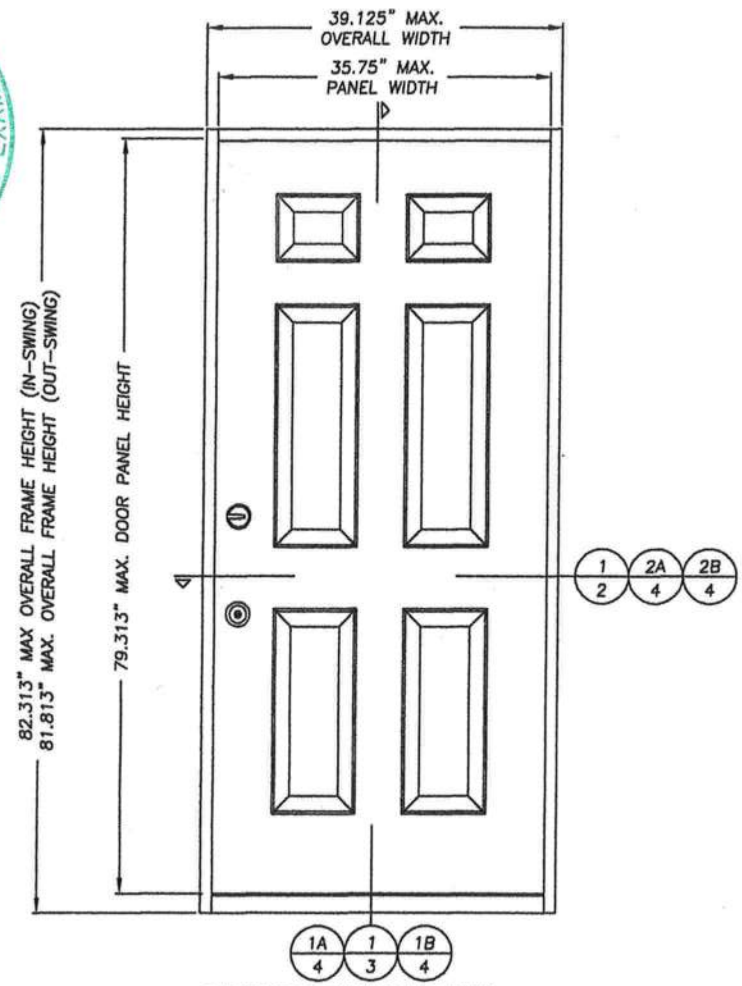
THE MASONITE 3'0" x 6'8" ADJUSTABLE STEEL FRAME & DOOR DESCRIBED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE INCLUDING THE "HVHZ" SUBJECT TO THE FOLLOWING CONDITIONS:

1. OUTSWING UNITS WITH BUMP FACE THRESHOLD MEET WATER REQUIREMENTS FOR "HVHZ". INSWING UNITS WITH SADDLE THRESHOLD OR INSWING/OUTSWING UNITS WITH ADA SADDLE THRESHOLD DO NOT MEET WATER REQUIREMENTS FOR "HVHZ" WITHOUT PROTECTION BY OVERHANG SUCH THAT OVERHANG RATIO = OVERHANG LENGTH / OVERHANG HEIGHT > 1.0.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN IN THE DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING AND STUCCO.
3. WHEN USED IN AREAS REQUIRING WIND BORNE DEBRIS PROTECTION, THIS PRODUCT MEETS THE REQUIREMENTS OF SECTION 1626 OF THE FLORIDA BUILDING CODE AND DOES NOT REQUIRE THE USE OF AN IMPACT RESISTANT COVERING.
4. ALLOWABLE DESIGN PRESSURE REQUIREMENTS MUST BE EQUAL TO OR LESS THAN THE DESIGN PRESSURE RATING SHOWN IN THE DESIGN PRESSURE CHART, SHEET 1 OF THIS DRAWING.
5. FOR 2X STUD FRAMING CONSTRUCTION, PRODUCT ANCHORING SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK INTO MASONRY CONSTRUCTION DEPICTED HEREIN.
6. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.

SUPPORTING DOCUMENTS & EVIDENCE:

1. TESTING PER TAS 201-94, 202-94 & 203-94 BY NATIONAL CERTIFIED TESTING LABORATORIES AND REPORTED IN TEST REPORT NCTL#210-3090-1.
2. ANCHORING IS AS PUBLISHED IN MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS SUPPORTED BY TESTING IN TEST REPORT NCTL#210-3090-1.
3. 2X BUCK ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY WENDELL W. HANEY, P.E.

TABLE OF CONTENTS



SINGLE DOOR INSWING ELEVATION
VIEWED FROM INTERIOR

DESIGN PRESSURE RATINGS SINGLES (PSF)

OVERALL FRAME DIMENSION	OVERALL PANEL DIMENSION	TYPE THRESHOLD	POSITIVE	NEGATIVE
39.125" x 82.313"	35.75" x 79.313"	SADDLE (IS)	+66.0 PSF	-66.0 PSF
39.125" x 81.813"	35.75" x 79.313"	BUMP (OS)	+66.0 PSF	-66.0 PSF
39.125" x 81.813"	35.75" x 79.313"	ADA (IS/OS)	+66.0 PSF	-66.0 PSF
39.125" x 81.813"	35.75" x 79.313"	ADA BUMP (OS)	+55.0 PSF	-55.0 PSF

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158

PRODUCT:
METAL-EDGE STEEL DOOR
2-PIECE ADJUSTABLE STEEL FRAME
SINGLE 3'0 x 6'8 IS / OS

PART OR ASSEMBLY:
TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

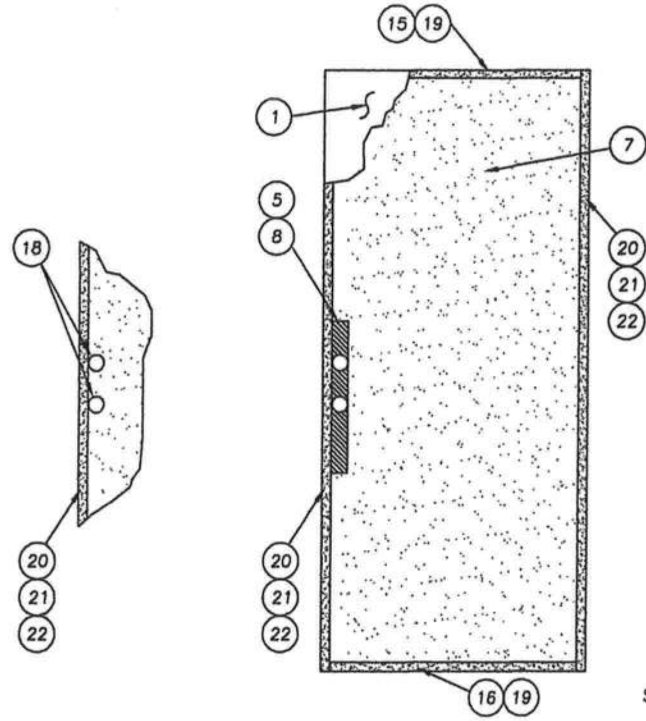
REVISIONS

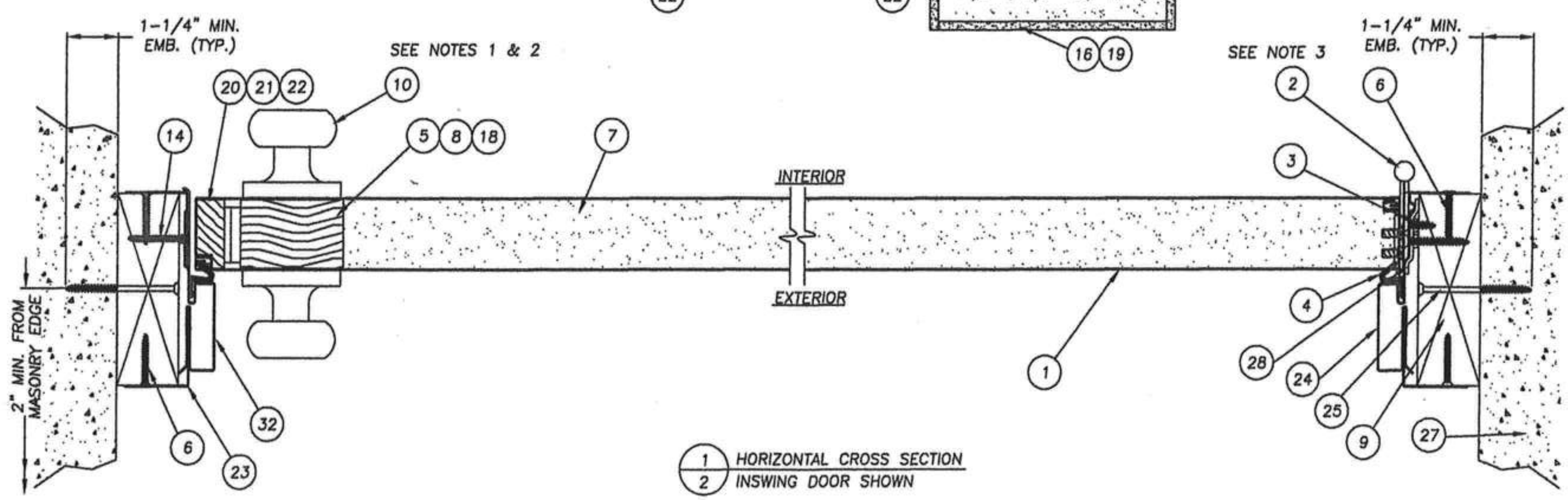
NO.	DATE		BY
3	12/22/05	REVISE TO THE 2004 FBC	WWH
2	4/18/05	REVISE DP CHART FOR CLARITY	WWH
1	4/14/05	ADA O/S BUMP-SILL & W/S	WWH

DATE: 2/22/05
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-448
SHEET 1 OF 6

NOTES:

1. STRIKE FOR CYLINDRICAL LOCK ATTACHED TO DOOR FRAME WITH (2) #8 X 3/8" FLAT HEAD MACHINE SCREWS.
2. STRIKE FOR DEADBOLT ATTACHED THROUGH DOOR FRAME INTO SUB-BUCK WITH (2) #8 X 1-1/2" PFH WOOD SCREWS.
3. HINGE ATTACHED TO DOOR PANEL WITH (4) #10 X 1/2" PFH SCREWS AND TO DOOR FRAME WITH (3) #10 X 1/2" PFH SCREWS AND (1) #8 X 1-1/2" PFH WOOD SCREW THROUGH FRAME INTO SUB-BUCK.





1 HORIZONTAL CROSS SECTION
2 INSWING DOOR SHOWN

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813

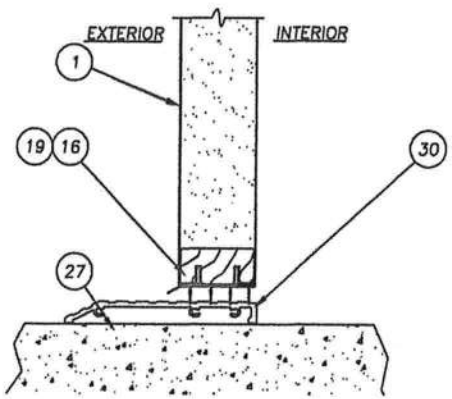
Wendell W. Haney. P.E. No. 54148

PRODUCT:
METAL-EDGE STEEL DOOR
2-PIECE ADJUSTABLE STEEL DOOR
SINGLE 3'0" x 6'8" IS / OS

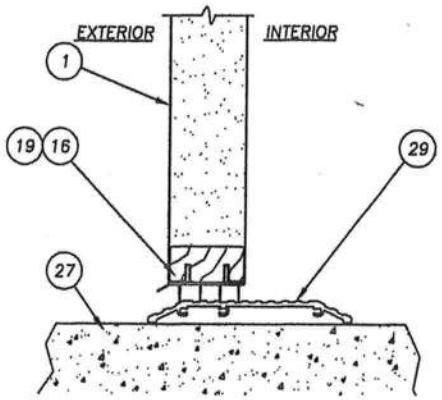
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY
3	12/22/05	REVISE TO THE 2004 FBC	WWH
2	4/18/05	REVISE DP CHART FOR CLARITY	WWH
1	4/14/05	ADA O/S BUMP-SILL & W/S	WWH

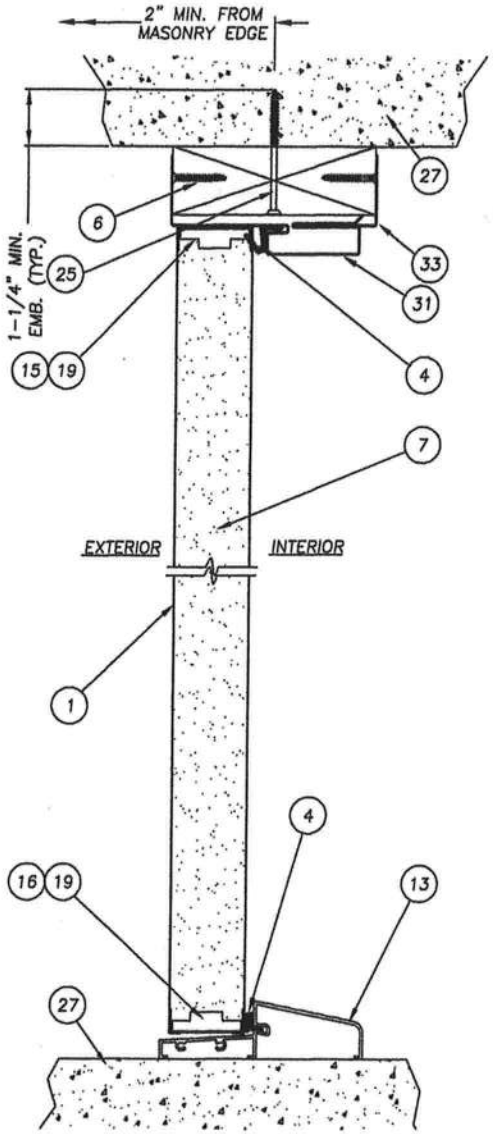
DATE: 2/22/05
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-448
SHEET 2 OF 6



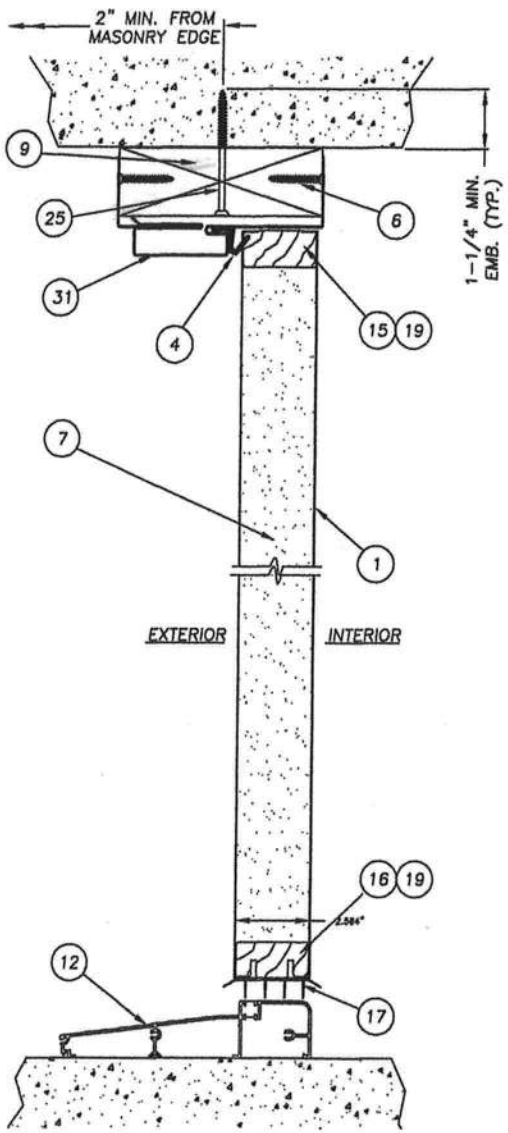
1/3 VERTICAL CROSS SECTION
SHOWN W/ ADA TILE SILL
SEE GEN'L NOTE 1, SHEET 1



1/3 VERTICAL CROSS SECTION
SHOWN W/ ADA SILL
SEE GEN'L NOTE 1, SHEET 1



1/3 VERTICAL CROSS SECTION
SHOWN W/OUTSWING BUMP FACE
SEE GEN'L NOTE 1, SHEET 1



1/3 VERTICAL CROSS SECTION
SHOWN W/INSWING SADDLE
SEE GEN'L NOTE 1, SHEET 1

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No.54148

PRODUCT: METAL-EDGE STEEL DOOR 2-PIECE ADJUSTABLE STEEL FRAME SINGLE 3'0" x 6'8" I/S / O/S

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
3	12/22/05	REVISE TO THE 2004 FBC	WWH
2	4/18/05	REVISE DP CHART FOR CLARITY	WWH
1	4/14/05	ADA O/S BUMP-SILL & W/S	WWH

DATE: 2/22/05
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-448
SHEET 3 OF 6

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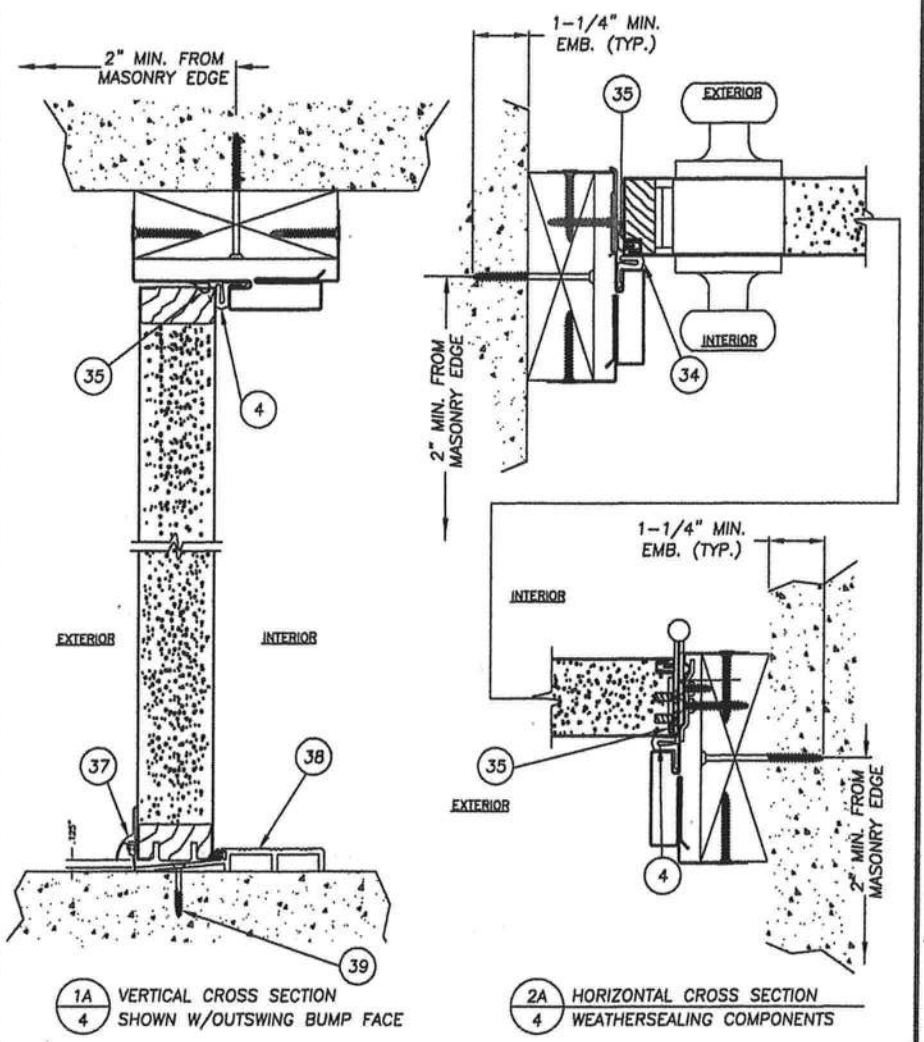
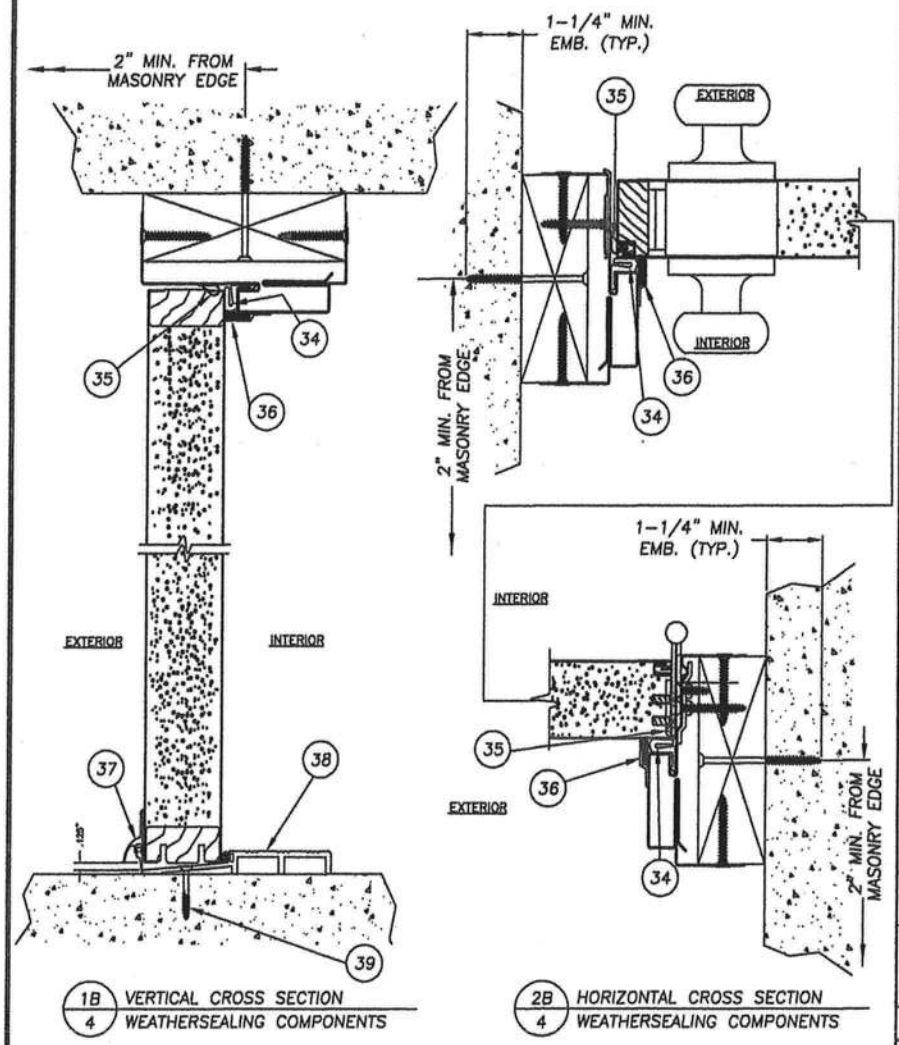


1A / 4 VERTICAL CROSS SECTION SHOWN W/OUTSWING BUMP FACE

2A / 4 HORIZONTAL CROSS SECTION WEATHERSEALING COMPONENTS

WEATHERSEALING ARRANGEMENT #1
APPROVED FOR WATER INFILTRATION UP TO 55 PSF.



1B / 4 VERTICAL CROSS SECTION WEATHERSEALING COMPONENTS

2B / 4 HORIZONTAL CROSS SECTION WEATHERSEALING COMPONENTS

WEATHERSEALING ARRANGEMENT #2
APPROVED FOR WATER INFILTRATION UP TO 55 PSF.

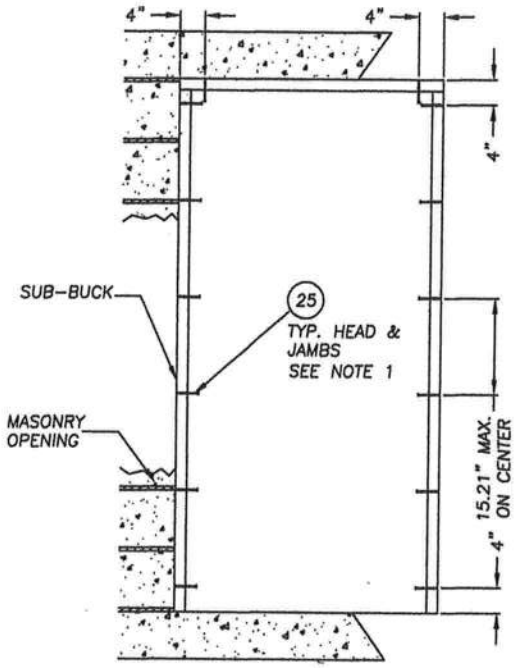
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No.54148

PRODUCT: METAL-EDGE STEEL DOOR
2-PIECE ADJUSTABLE STEEL FRAME
SINGLE 3'0" x 6'8" I/S / O/S

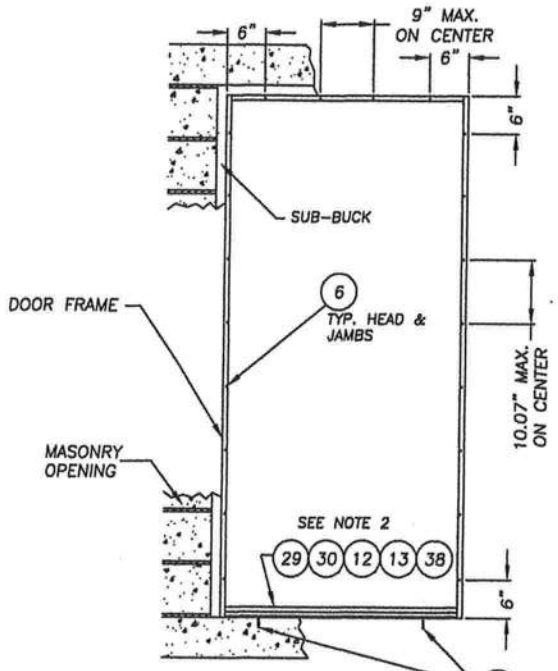
PART OR ASSEMBLY:
LOW PROFILE O/S BUMP FACE SIL
WEATHERSTRIPPING FOR "HVHZ"

NO.	DATE	REVISIONS	BY
3	12/22/05	REVISE TO THE 2004 FBC	WWH
2	04/18/05	REVISE DP CHART FOR CLARITY	WWH
1	04/14/05	ADA O/S BUMP SILL & W/S	WWH

DATE: 2/22/05
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-448
SHEET 4 OF 6



2X BUCK TO MASONRY



DOOR FRAME TO BUCK

NOTES:

1. ADJUST 3/16" TAPCON LOCATIONS, IF NECESSARY TO MAINTAIN A MINIMUM 2.0" CLEARANCE FROM MASONRY EDGES AND A MINIMUM 2.25" CLEARANCE TO ADJACENT TAPCONS.
2. THRESHOLD ITEM #'S 12, 13, 29 & 30 ARE ATTACHED TO THE FRAME JAMBS WITH (4) #6 X 1" PFH SCREWS (2) EACH SIDE. THRESHOLD ITEM #38 IS ANCHORED TO THE SUBSTRATE USING (2) OF ITEM #39.
3. ADJUST 1/4" TAPCON LOCATIONS, IF NECESSARY TO MAINTAIN A MINIMUM 2.5" CLEARANCE TO MASONRY EDGES AND A MINIMUM 3" CLEARANCE TO ADJACENT TAPCONS.

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158

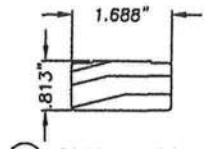
PRODUCT: METAL-EDGN STEEL DOOR 2-PIECE ADJUSTABLE STEEL FRAME SINGLE 3'0 x 6'8 IS/OS

PART OR ASSEMBLY: BUCK & DOOR ANCHORING

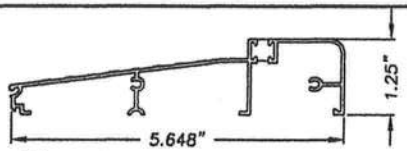
NO.	DATE	REVISIONS	BY
3	12/22/05	REVISE TO THE 2004 FBC	WWH
2	4/18/05	REVISE DP CHART FOR CLARITY	WWH
1	4/14/05	ADA O/S BUMP SILL & W/S	WWH

DATE: 2/22/05
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-448
SHEET 5 OF 6

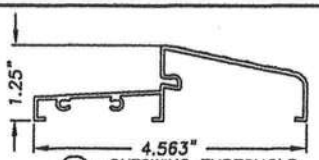
ITEM	DESCRIPTION	MATERIAL
1	STEEL DOOR FACING 0.020" THK.	STEEL
2	4" x 4" BUTT HINGE	STEEL
3	#10 X 1/2" PFH MACHINE SCREW (HINGE TO FRAME)	STEEL
4	COMPRESSION WEATHERSTRIP (SCHLEGEL QDS650)	FOAM
5	LOCKBLOCK (CA)	WOOD
6	#8 x 1 1/4" PFH WOOD SCREW	STEEL
7	POLYURETHANE FOAM CORE (BASF 2.0 TO 2.5lbs./cubic ft)	FOAM
8	LOCKBLOCK (EN)	WOOD
9	2x BUCK	WOOD
10	KWIKSET 200 DL SERIES (GRADE II)	-
11	KWIKSET DEADBOLT 970 SERIES (GRADE II)	-
12	INSWING THRESHOLD	ALUMINUM
13	OUTSWING BUMP THRESHOLD (AFCO)	ALUMINUM
14	#8 x 1-1/2" PFH WOOD SCREW	STEEL
15	DOOR TOP RAIL (CA, CH)	WOOD
16	DOOR BOTTOM RAIL (CA, CH)	COMPOSITE
17	INSWING DOOR BOTTOM FIN TYPE SWEEP	PVC
18	PLASTIC LOCK RING	PLASTIC
19	DOOR TOP/BOTTOM RAIL (EN) .028" THK.	STEEL
20	LOCK AND HINGE STILE (CA) (INTEGRAL TO DOOR FACE .020" THK.)	STEEL
21	LOCK AND HINGE STILE (EN) .028" THK.	STEEL
22	LOCK AND HINGE STILE (CH) .028" THK.	STEEL
23	SIDE JAMB CLOSURE SECTION (0.028" THK.)	STEEL
24	FRAME HINGE JAMB (0.028" THK.)	STEEL
25	3/16" X 2-3/4" TAPCON	STEEL
26	NOT USED	-
27	MASONRY	CONCRETE
28	HINGE REINFORCEMENT 14 GA.	STEEL
29	ADA SILL	ALUMINUM
30	ADA TILE FACE	ALUMINUM
31	FRAME HEAD JAMB (0.028" THK.)	STEEL
32	FRAME STRIKE JAMB (0.028" THK.)	STEEL
33	HEAD JAMB CLOSURE SECTION (0.028" THK.)	STEEL
34	COMPRESSION WEATHERSTRIP (SCHLEGEL QDS 500)	FOAM
35	DOOR GASKET (PEMKO S88)	VINYL
36	JAMB WEATHERSTRIP (PEMKO 305CR)	AL/RUBBER
37	DOOR SWEEP (PEMKO 3452AV)	AL/VINYL
38	LOW PROFILE O/S BUMP FACE SILL (DLP)	ALUMINUM
39	1/4" X 1-3/4" TAPCON	STEEL



(15) DOOR TOP RAIL (CA, CH)

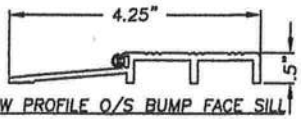


(12) INSWING ALUMINUM THRESHOLD

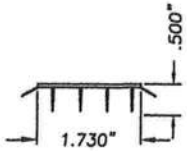


(13) OUTSWING THRESHOLD

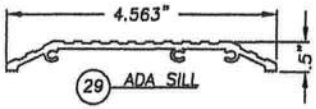
(35) DOOR GASKET



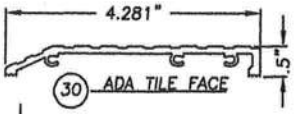
(38) LOW PROFILE O/S BUMP FACE SILL



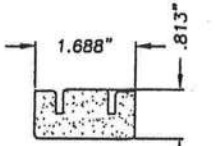
(17) FIN TYPE SWEEP



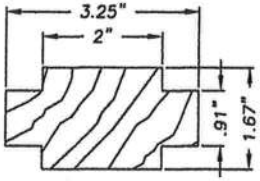
(29) ADA SILL



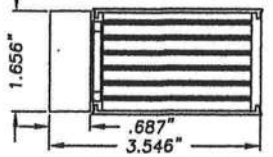
(30) ADA TILE FACE



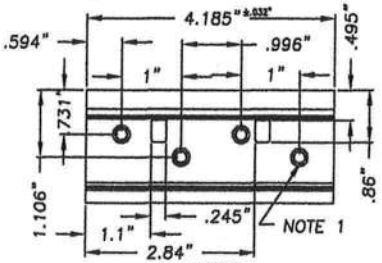
(16) DOOR BOTTOM RAIL (CA, CH)

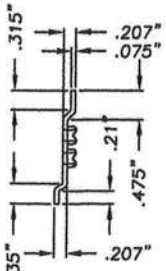


(8) WOOD LOCKBLOCK (EN)



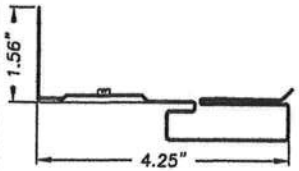
(18) PLASTIC LOCK RING



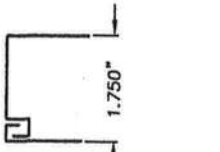


(36) JAMB W/S

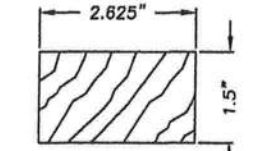
NOTES:
1. PREPPED FOR #10-24 MACHINE SCREW.
2. MATERIAL TO BE 14GA. GALVANIZED STEEL.



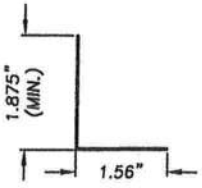
(24) FRAME HINGE JAMB
(31) FRAME HEAD JAMB
(32) FRAME STRIKE JAMB



(20) STEEL DOOR STILE (CA)

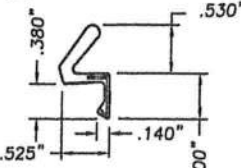


(5) WOOD LOCKBLOCK (CA)

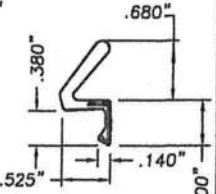


(23) SIDE JAMB CLOSURE SECT.
(33) HEAD JAMB CLOSURE SECT.

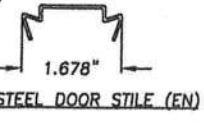
(28) FAST FRAME HINGE REIN.



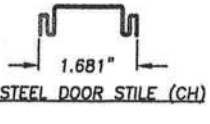
(34) WEATHER-STRIP



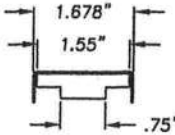
(4) WEATHER-STRIP



(21) STEEL DOOR STILE (EN)



(22) STEEL DOOR STILE (CH)



(19) DOOR TOP/BOTTOM RAIL (EN)

Documents Prepared By:
BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158

PRODUCT: METAL-EDGE STEEL DOOR 2-PIECE ADJUSTABLE STEEL FRAME SINGLE 30 x 68 IS / OS

PART OR ASSEMBLY: BILL OF MATERIAL & COMPONENTS

NO.	DATE	REVISIONS	BY
3	12/22/05	REVISE TO THE 2004 FBC	WWH
2	4/18/05	REVISE DP CHART FOR CLARITY	WWH
1	4/14/05	ADA O/S BUMP SILL & W/S	WWH

DATE: 2/22/05
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-448
SHEET 6 OF 6

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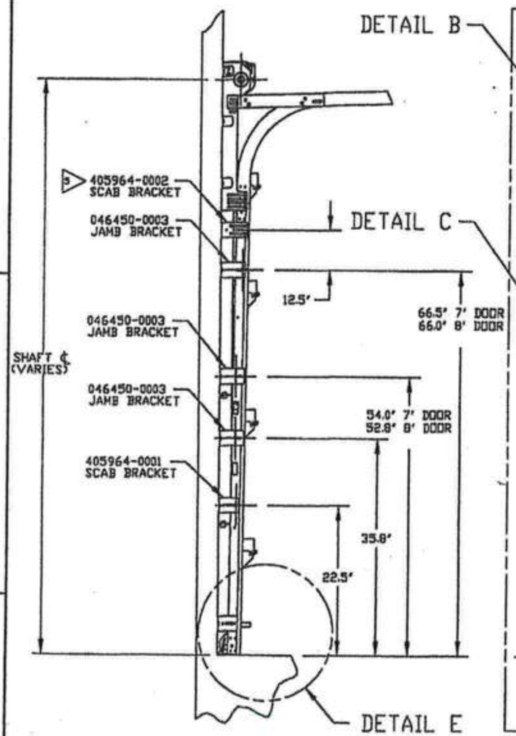
NOTES:

1. DESIGN AND TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE, INTERNATIONAL BUILDING CODE, AND INTERNATIONAL RESIDENTIAL CODE.
2. FOUR SECTION 7' TALL DOOR SHOWN. 8' DOORS HAVE 5 SECTIONS. SECTION HEIGHTS OF 20.88, 19.00 AND 16.75 ARE AVAILABLE AND MAY BE USED IN COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS. DOORS WITH MORE THAN FOUR SECTIONS WITH SAME STRUTTING CONFIGURATION MAINTAIN SPECIFIED WINDLOAD RATING.
3. EMBOSSMENT PATTERN OF 14.5 X 20.4 SHOWN. ALTERNATE PATTERNS OF 12.5 X 43.4 AND 12.5 X 20.4 MAY BE USED.
4. ARMORTITE COUNTERBALANCE SHOWN. SEE SHEET 2 FOR TORSION COUNTERBALANCE OPTION.
5. USE THIS BRACKET 405964-0002 ON 8' HIGH DOORS ONLY.
6. LOCATE 409517 CHANNEL AS SHOWN. VERTICAL PLACEMENT CAN VARY PLUS/MINUS 3 INCHES.
7. ON THE MIDDLE CENTER STILE THERE IS NO TOOL CLEARANCE HOLE FOR THE UPPER 605911-0001 SCREW. INSTALL FROM BELOW.
8. USE 605911-0001 AB POINT SCREWS FOR ALL COMPONENT INSTALLATION UNLESS OTHERWISE NOTED.
9. JAMB DETAIL TO BE IN ACCORDANCE WITH DRAWING 409783.) JAMB/SCAB BRACKET ATTACHING HARDWARE SHALL BE AS FOLLOWS: 605574-0001 SCREW, LAG 5/16 X 1-3/4 - WOOD JAMB RAWL LOCK BOLT, 5/16 X 1-1/2 EMBEDMENT - CONCRETE BLOCK
10. 409898-0002 RAIL DOUBLER TO BE LOCATED AT THE FACTORY.
11. INSTALL 407604-XXXX HINGE LEAF USING 605879-0001 SELF DRILLING FASTENER. ENSURE 409898-0002 RAIL IS FLAT AGAINST INSIDE OF RAIL SURFACE PRIOR TO FASTENING.
12. USE 16 GA CHANNEL.
13. 408794 END CAP TO BE FACTORY INSTALLED.
14. IN WINDBORNE DEBRIS REGIONS, WINDOWS THAT RECEIVE POSITIVE PRESSURE IN THE LOWER 60 FEET IN BUILDINGS SHALL BE ASSUMED TO BE OPENINGS (FBC2001-1606.1.4 PROTECTION OF OPENINGS).
15. ADD 409906-0021 FASTENER KIT WHEN WINDOW OPTION IS SELECTED.)

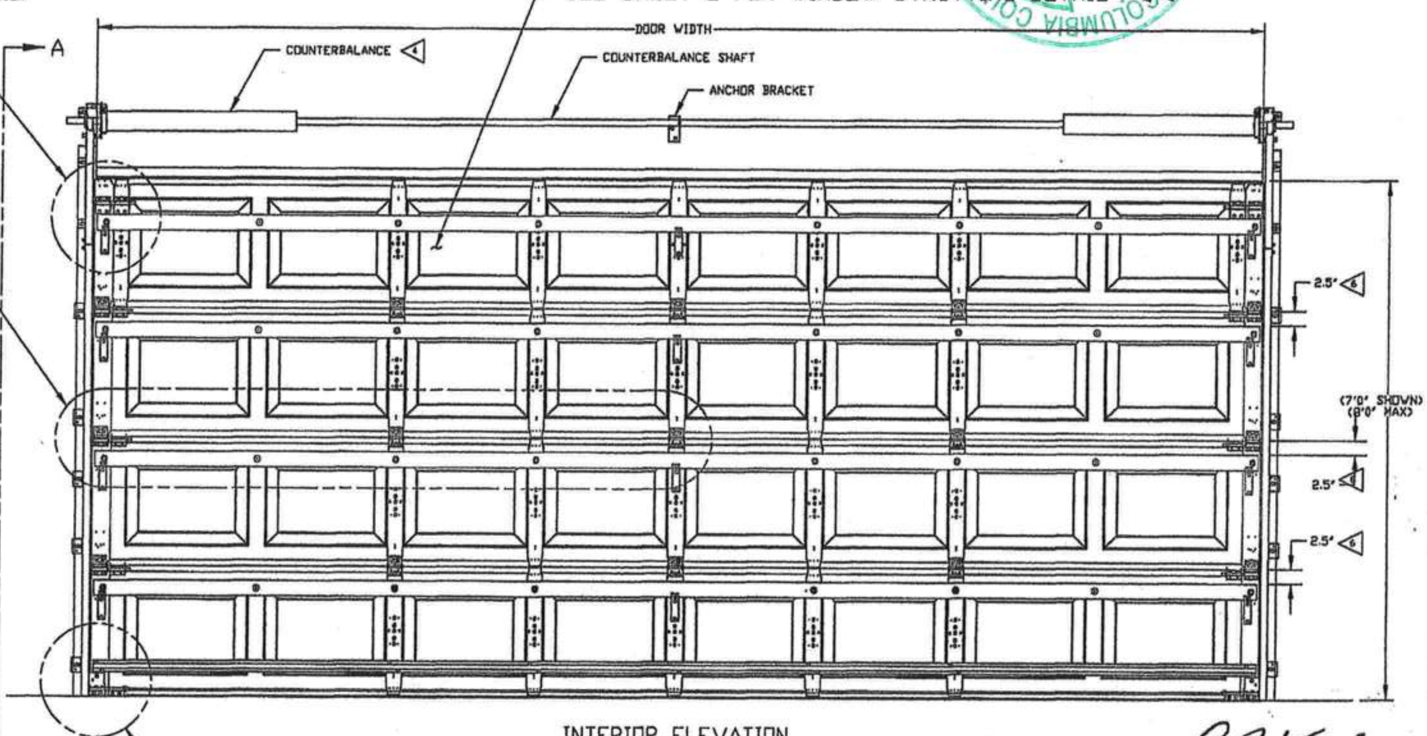
OHD/GENIE DOOR EQUIVALENCY CHART		
OHD DOOR SERIES No.	GENIE DOOR SERIES No.	PAN STEEL THICKNESS
SERIES 188	SERIES GDS300	24 GA
SERIES 189	SERIES GDS30R	24 GA
SERIES 281	SERIES GDS200	25 GA
SERIES 381	SERIES GDS550	25 GA

APPROVED PRESSURE RATING CHART				
DOOR WIDTH	12'	10'	9'	8'
DESIGN PRESSURE	46	55	60.0	60.0
TEST PRESSURE	69	82.8	90.0	90.0
JAMB LOAD LBS/FT	276	275	270	240

REVISIONS				
EN	REV	DESCRIPTION	DATE	APPROVAL
10934	B	REVISE PER EN	08/14/02	BHV
11205	C	REVISE PER EN	11/12/02	BHV
11793	D	REVISE PER EN	4/1/05	LK



STD TRACK DETAIL FOR 16' WIDE DOOR



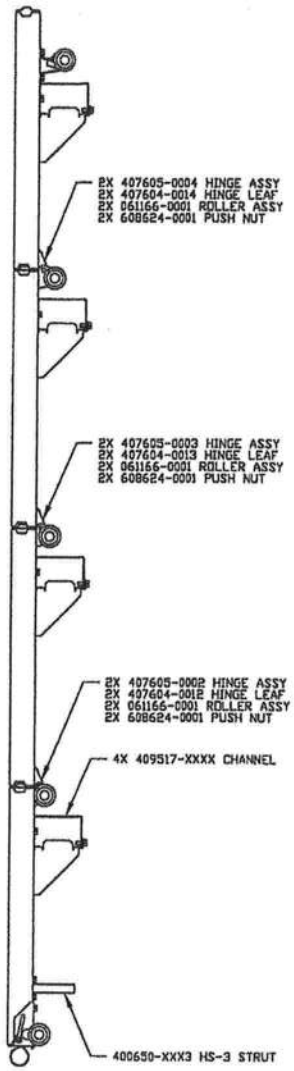
INTERIOR ELEVATION

7-17-05

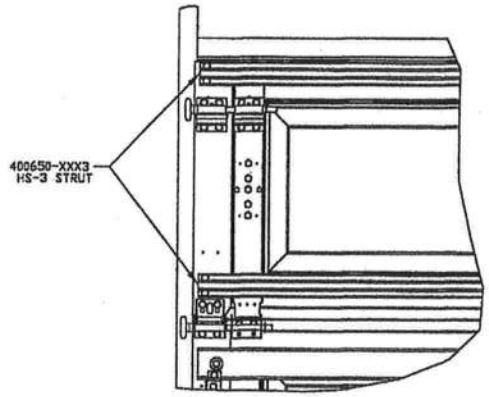
DESIGN PRESSURE (PSF)	TEST PRESSURE (PSF)	DOOR WIDTH	CENTER STILE	END STILE	RLR SHAFT BRACKET	STRUTS/SECT	ROLLER	VERT TRK GA	JAMB LOAD (#/FT-HT)
31	46.5	16'	5	SGL W/CAP DBL-T SECT	YES	4" X 2.5" CH HS-3	STL 2"X7/16"	.068"	248

REF DWG	
USED ON	RESIDENTIAL
TOLERANCES UNLESS OTHERWISE SPECIFIED	WHOLE NUMBERS: ± .25; .X ± .1; .XX ± .03; .XXX ± .010; ANGLES: ± 1°; HOLES: ±
FINISH	N/A
UNIT OF MEASURE	EA
MATERIAL	N/A
DRAWN BY	RK HOOFARD 05/14/01
CHECKED BY	N WOMACK 06/04/01
APPROVED BY	R HOOFARD 06/04/01
DRAWING TITLE	WINDLOAD, 180/281/381, 31/46.5 PSF, 16'-0" MAX
DRAWING NUMBER	D-409886
SCALE	1/10
SHEET	1 OF 4

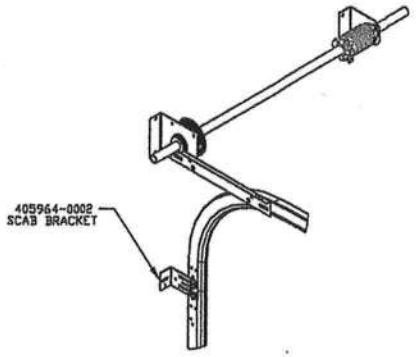
REVISIONS				
ECI	REV	DESCRIPTION	DATE	APPROVAL
10934	B	REVISE PER ECN	01/14/02	BMV
11085	C	REVISE PER ECN	11/12/02	BMV
11293	D	REVISE PER ECN	4/1/03	LK



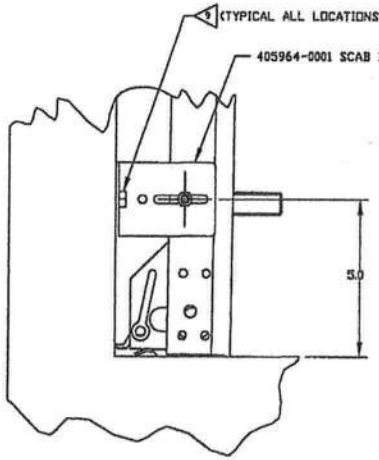
VIEW A-A
(TRACK ASSY REMOVED FOR CLARITY)
ZN A6,1



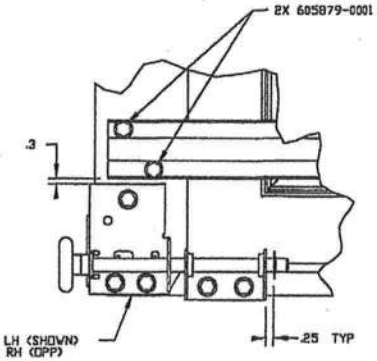
WINDOW STRUTTING DETAIL ◁4◁5



TORSION COUNTERBALANCE OPTION ◁



DETAIL E
SCALE 1/2



405771-0001 BOTTOM FIXTURE, LH (SHOWN)
405771-0002 BOTTOM FIXTURE, RH (OPP)
2X 061166.0001 ROLLER ASSY
2X 407532-1001 HINGE LEAF
2X 608624-0001 PUSH NUT

DETAIL D
SCALE 1/2

L. G. Kuyle
7-18-05

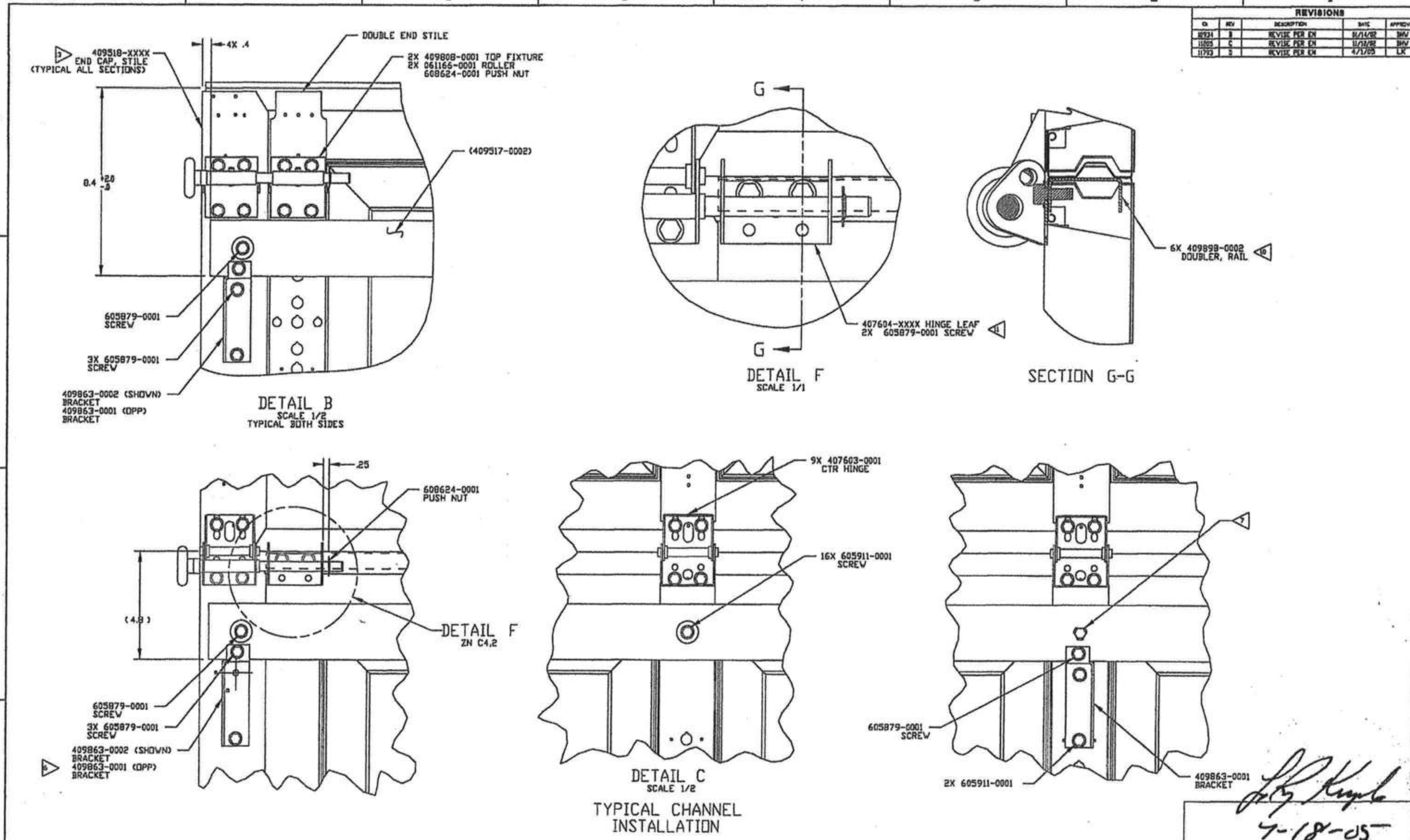
REF DWG	USED ON

TOLERANCES UNLESS OTHERWISE SPECIFIED
WHOLE NUMBERS ± .25
X ± .1
.XX ± .03
.XXX ± .010
ANGLES ± 1°
HOLES ±

FINISH: N/A
UNIT OF MEASURE: EA
MATERIAL: N/A

	NAME	DATE
DRAWN BY	RK HUDFARD	05/21/01
CHECKED BY	H VOMACK	06/04/01
APPROVED BY	R HUDFARD	06/04/01

DRAWING TITLE: WINDLOAD, 180/281/381, 31/46.5 PSF 16'-0" MAX
DRAWING NUMBER: D-409886
SCALE: NOTED
SHEET 2 OF 4



REVISIONS

CN	REV	DESCRIPTION	DATE	APPROVAL
10934	B	REVISE PER EN	01/14/02	DHV
11205	C	REVISE PER EN	11/12/02	DHV
11793	D	REVISE PER EN	4/1/05	LK

4-18-05

TOLERANCES UNLESS OTHERWISE SPECIFIED	
WHOLE NUMBERS	± .25
.X	± .1
.XX	± .03
.XXX	± .010
ANGLES	± 1°
HOLES	±

FINISH	N/A
UNIT OF MEASURE	EA
MATERIAL	N/A
DRAWN BY	RK HODFARD 05/14/01
CHECKED BY	N VOHACK 06/04/01
APPROVED BY	R HODFARD 06/04/01
DRAWING TITLE	WINDLOAD, 180/281/381, 31/46.5 PSF, 16'-0" MAX
DRAWING NUMBER	D-409886
SCALE	NOTED
SHEET	3 OF 4

REF DWG	USED ON

Important Notice: If visually graded lumber is used for the trusses covered by these designs, see "SPIB Important Notice, Dated July 28, 2010" (reprinted at www.mii.com) before use. MiTek does not warrant third-party lumber design values.

RE: LDM-MEGAN - ROOF DESIGN INFO

MiTek Industries, Inc.
6904 Parke East Boulevard
Tampa, FL 33610-4115

Site Information:
Customer Info: LDM Project Name: MEAGAN HOLLOWAY Model:
Lot/Block: . Subdivision: .
Address: .
City: COLUMBIA COUNTY State: FLORIDA

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: FBC2007 Design Program: OnLine Plus 27.0.006
Wind Code: ASCE 7-05 Wind Speed: 120 mph Floor Load: N/A psf
Roof Load: 40.0 psf

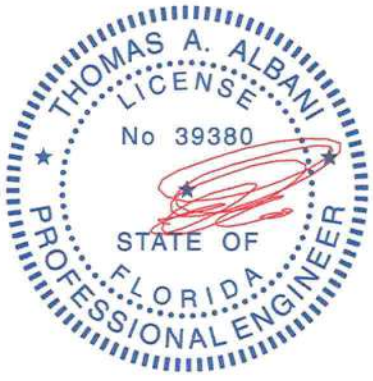
This package includes 45 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T3912551	A1	10/29/010	18	T3912568	A18	10/29/010
2	T3912552	A2	10/29/010	19	T3912569	J2	10/29/010
3	T3912553	A3	10/29/010	20	T3912570	A19GIR	10/29/010
4	T3912554	A4	10/29/010	21	T3912571	A20	10/29/010
5	T3912555	A5	10/29/010	22	T3912572	A21	10/29/010
6	T3912556	A6	10/29/010	23	T3912573	A22	10/29/010
7	T3912557	A7	10/29/010	24	T3912574	A23	10/29/010
8	T3912558	A8	10/29/010	25	T3912575	J4	10/29/010
9	T3912559	A9	10/29/010	26	T3912576	J5	10/29/010
10	T3912560	A10	10/29/010	27	T3912577	CJ2	10/29/010
11	T3912561	A11	10/29/010	28	T3912578	J4A	10/29/010
12	T3912562	A12	10/29/010	29	T3912579	A24GIR	10/29/010
13	T3912563	A13	10/29/010	30	T3912580	B1GIR	10/29/010
14	T3912564	A14	10/29/010	31	T3912581	B2	10/29/010
15	T3912565	A15	10/29/010	32	T3912582	B3	10/29/010
16	T3912566	A16	10/29/010	33	T3912583	J3	10/29/010
17	T3912567	A17	10/29/010	34	T3912584	CJ1	10/29/010

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

Truss Design Engineer's Name: Albani, Thomas
My license renewal date for the state of Florida is February 28, 2011.

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.



FL Cert. 6634

October 29,2010

RE: LDM-MEGAN - ROOF DESIGN INFO

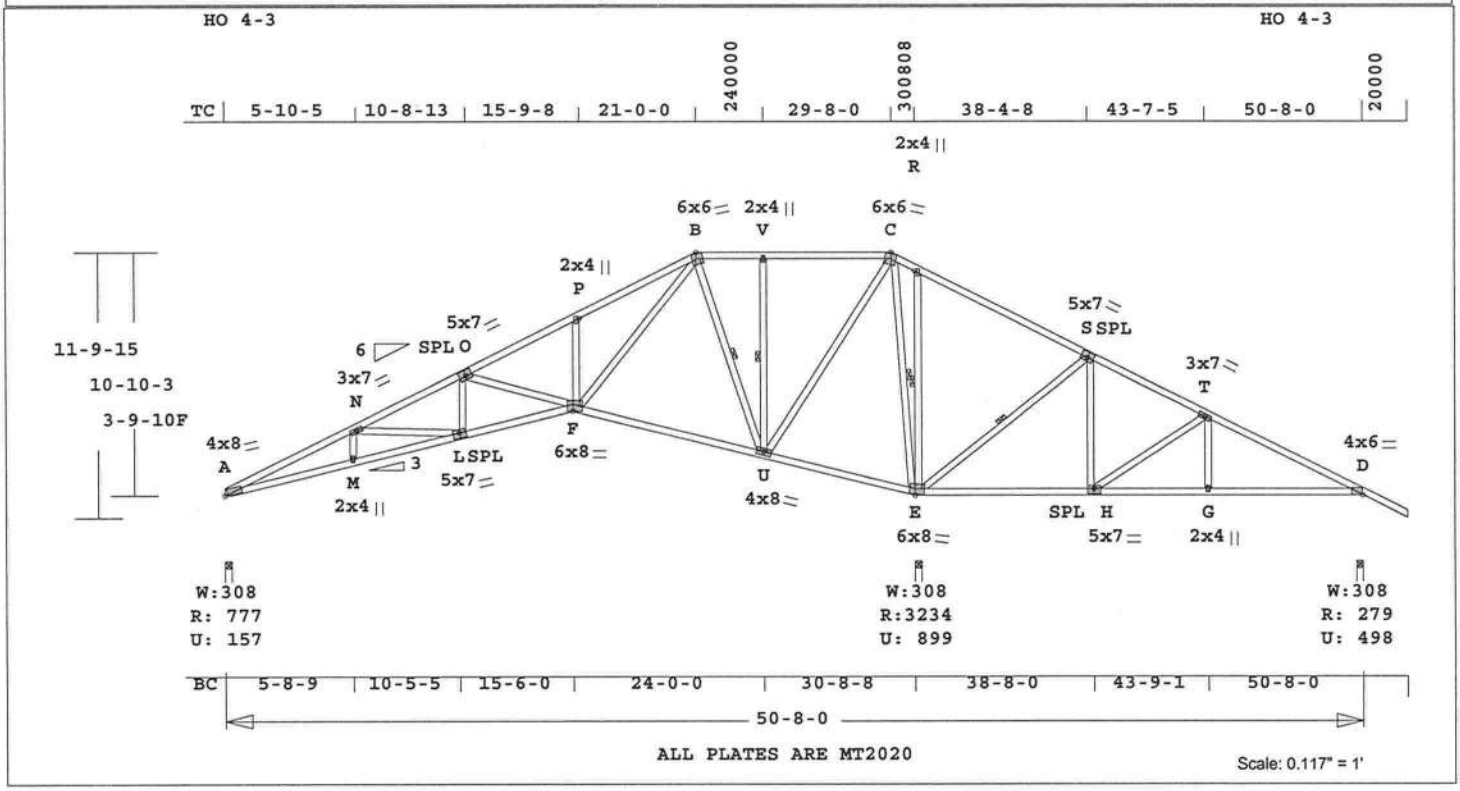
Site Information:

Customer Info: LDM Project Name: MEAGAN HOLLOWAY Model:
Lot/Block: . Subdivision: .
Address: .
City: COLUMBIA COUNTY State: FLORIDA

No.	Seal#	Truss Name	Date
35	T3912585	J1	10/29/010
36	T3912586	B4GIR	10/29/010
37	T3912587	C1	10/29/010
38	T3912588	C2	10/29/010
39	T3912589	C3GIR	10/29/010
40	T3912590	D1	10/29/010
41	T3912591	D2GE	10/29/010
42	T3912592	P1	10/29/010
43	T3912593	P2	10/29/010
44	T3912594	P3	10/29/010
45	T3912595	P4	10/29/010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A1	1	SP	500800	6	0	2- 0- 0	T3912551

MEAGAN HOLLOWAY



ALL PLATES ARE MT2020

Scale: 0.117" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 392.6 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	Size	Lumber
TC	0.83	2x 4	SP-#2
BC	0.69	2x 4	SP-#2
WB	0.98	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
B -U U -V C -E E -R
E -S
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	778	157 U	284 R
E	3234	900 U	
D	279	498 U	282 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	3.5"	3.4"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -N	0.36	2257 C	0.15 0.21
N -O	0.30	1521 C	0.09 0.21
O -P	0.30	687 C	0.04 0.26
P -B	0.32	683 C	0.06 0.26
B -V	0.38	478 T	0.08 0.30
V -C	0.38	478 T	0.08 0.30
C -R	0.78	1363 T	0.22 0.56
R -S	0.83	1516 T	0.27 0.56
S -T	0.51	777 T	0.12 0.39
T -D	0.45	839 T	0.08 0.37
Bottom Chords			
A -M	0.42	2076 T	0.34 0.08
M -L	0.45	2078 T	0.34 0.11
L -F	0.50	1413 T	0.23 0.27
F -U	0.35	572 T	0.00 0.35
U -E	0.69	1226 C	0.02 0.67
E -H	0.47	639 C	0.00 0.47
H -G	0.42	727 C	0.00 0.42
G -D	0.31	727 C	0.00 0.31
Webs			
M -N	0.02	193 T	
N -L	0.23	653 C	
L -O	0.05	321 T	
O -F	0.32	778 C	
F -P	0.08	398 T	
F -B	0.69	1248 T	
B -U	0.30	872 C	1 Br
U -V	0.11	366 C	1 Br
U -C	0.98	1270 T	
C -E	0.71	1603 C	1 Br
E -R	0.24	697 T	1 Br
E -S	0.36	1094 T	1 Br
H -S	0.39	689 C	
H -T	0.29	711 T	
G -T	0.04	256 C	

TL Defl -0.51" in F -U L/722
LL Defl -0.19" in F -U L/999
Hz Disp LL DL TL
Jt E 0.08" 0.12" 0.19"
Shear // Grain in C -R 0.42

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 8.0	Ctr	0.2	0.45
N	MT20	3.0x 7.0	Ctr	Ctr	0.24
O	MT20	5.0x 7.0	-0.2	0.5	0.38
P	MT20	2.0x 4.0	Ctr	Ctr	0.30
B	MT20	6.0x 6.0	0.9	-3.6	0.62
V	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 6.0	-0.4	-3.8	0.50
R	MT20	2.0x 4.0	Ctr	Ctr	0.51
S	MT20	5.0x 7.0	0.2	0.5	0.38
T	MT20	3.0x 7.0	Ctr	Ctr	0.31
D	MT20	4.0x 6.0	Ctr	0.1	0.36
M	MT20	2.0x 4.0	Ctr	Ctr	0.29
L	MT20	5.0x 7.0	0.1	-0.5	0.43
F	MT20	6.0x 8.0	1.0	-0.6	0.57
U	MT20	4.0x 8.0	Ctr	Ctr	0.67
E	MT20	6.0x 8.0	0.9	3.5	0.49
H	MT20	5.0x 7.0	Ctr	-0.5	0.39
G	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

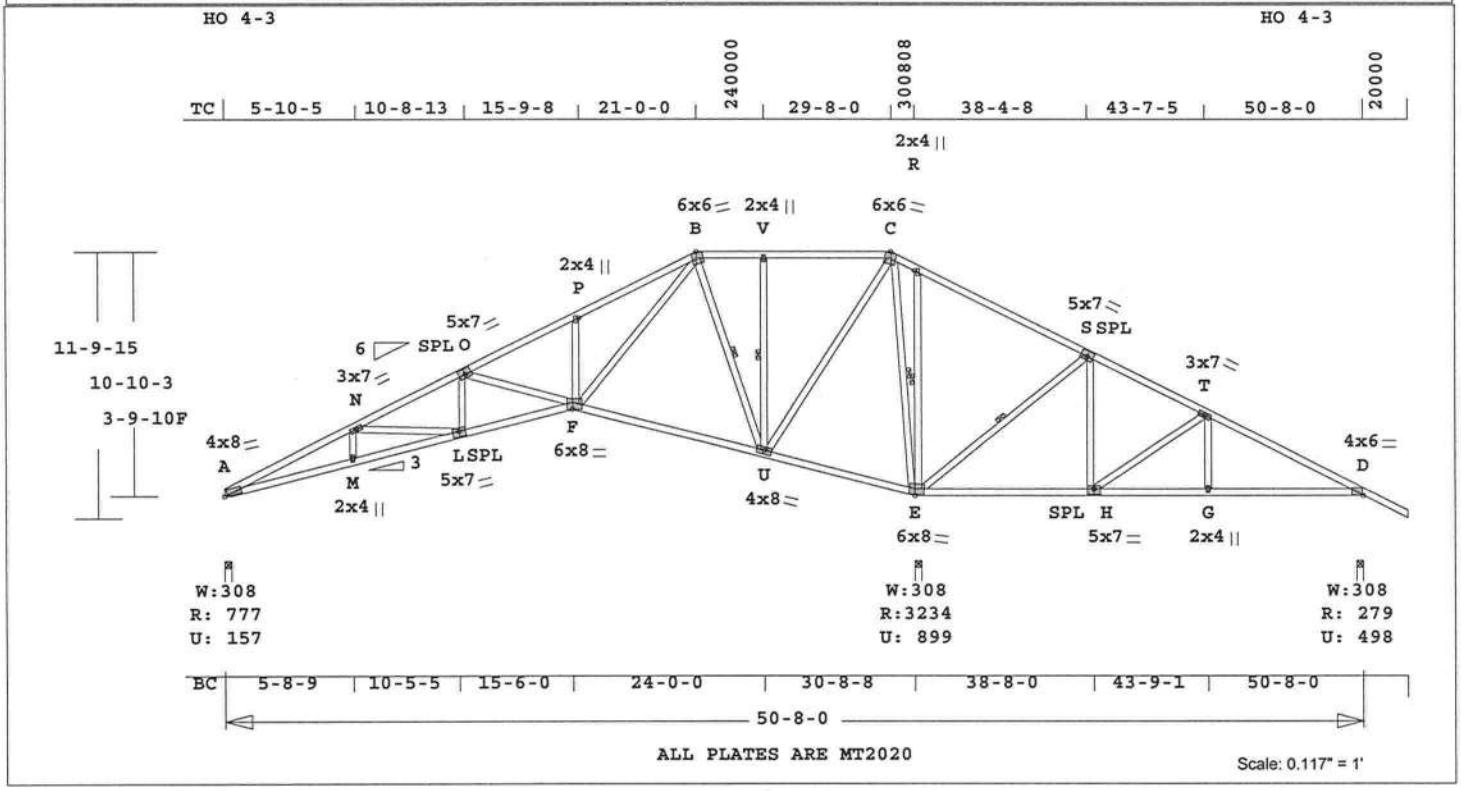
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30- 8- 8 50- 8- 0
Max comp. force 2257 Lbs
Max tens. force 2078 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A2	2	SP	500800	6	0	2- 0- 0	T3912552

MEAGAN HOLLOWAY



Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.83	2x 4	SP-#2
BC	0.69	2x 4	SP-#2
WB	0.98	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
TC	24.0"	21- 0- 0	29- 8- 0
TC	Cont.	29- 8- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
B -U U -V C -E E -R
E -S
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	778	157 U	284 R
E	3234	900 U	
D	279	498 U	282 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	3.5"	3.4"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -N	0.36	2257 C	0.15 0.21
N -O	0.30	1521 C	0.09 0.21
O -P	0.30	687 C	0.04 0.26
P -B	0.32	683 C	0.06 0.26
B -V	0.38	478 T	0.08 0.30
V -C	0.38	478 T	0.08 0.30
C -R	0.78	1363 T	0.22 0.56
R -S	0.83	1516 T	0.27 0.56
S -T	0.51	777 T	0.12 0.39
T -D	0.45	839 T	0.08 0.37
Bottom Chords			
A -M	0.42	2076 T	0.34 0.08
M -L	0.45	2078 T	0.34 0.11
L -F	0.50	1413 T	0.23 0.27
F -U	0.35	572 T	0.00 0.35
U -E	0.69	1226 C	0.02 0.67
E -H	0.47	639 C	0.00 0.47
H -G	0.42	727 C	0.00 0.42
G -D	0.31	727 C	0.00 0.31
Webs			
M -N	0.02	193 T	
N -L	0.23	653 C	
L -O	0.05	321 T	
O -F	0.32	778 C	
F -P	0.08	398 T	
F -B	0.69	1248 T	
B -U	0.30	872 C	1 Br
U -V	0.11	366 C	1 Br
U -C	0.98	1270 T	
C -E	0.71	1603 C	1 Br
E -R	0.24	697 T	1 Br
E -S	0.36	1094 T	1 Br
H -S	0.39	689 C	
H -T	0.29	711 T	
G -T	0.04	256 C	

TL Defl -0.51" in F -U L/722
LL Defl -0.19" in F -U L/999

Hz Disp	LL	DL	TL
Jt E	0.08"	0.12"	0.19"

Shear // Grain in C -R 0.42

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 8.0	Ctr	0.2	0.45
N	MT20	3.0x 7.0	Ctr	Ctr	0.24
O	MT20	5.0x 7.0	-0.2	0.5	0.38
P	MT20	2.0x 4.0	Ctr	Ctr	0.30
B	MT20	6.0x 6.0	0.9	-3.6	0.62
V	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 6.0	-0.4	-3.8	0.50
R	MT20	2.0x 4.0	Ctr	Ctr	0.51
S	MT20	5.0x 7.0	0.2	0.5	0.38
T	MT20	3.0x 7.0	Ctr	Ctr	0.31
D	MT20	4.0x 6.0	Ctr	0.1	0.36
M	MT20	2.0x 4.0	Ctr	Ctr	0.29
L	MT20	5.0x 7.0	0.1	-0.5	0.43
F	MT20	6.0x 8.0	1.0	-0.6	0.57
U	MT20	4.0x 8.0	Ctr	Ctr	0.67
E	MT20	6.0x 8.0	0.9	3.5	0.49
H	MT20	5.0x 7.0	Ctr	-0.5	0.39
G	MT20	2.0x 4.0	Ctr	Ctr	0.34

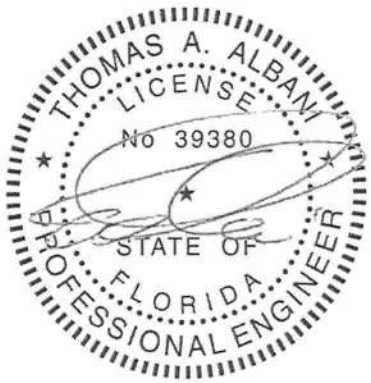
REVIEWED BY:

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 392.6 LBS

MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30- 8- 8 50- 8- 0
Max comp. force 2257 Lbs
Max tens. force 2078 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

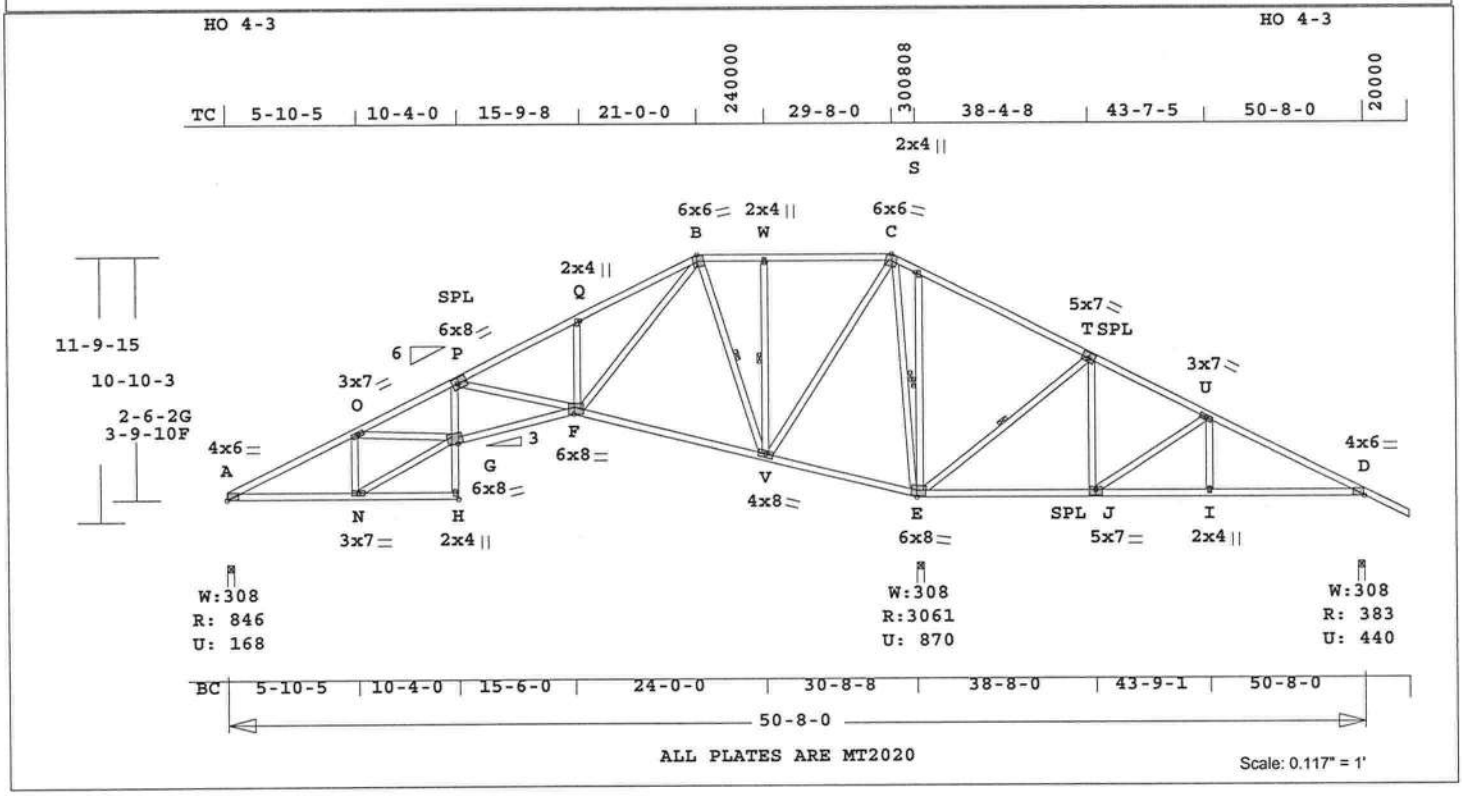


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A3	1	SP	500800	6	0	2- 0- 0	T3912553

MEAGAN HOLLOWAY



Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.78	2x 4	SP-#2
BC	0.63	2x 4	SP-#2
CW	0.11	2x 4	SP-#2
WB	0.96	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
TC	24.0"	21- 0- 0	29- 8- 0
TC	Cont.	29- 8- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
B -V V -W C -E E -S
E -T
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	846	169 U	283 R
E	3062	871 U	
D	384	440 U	282 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	3.5"	3.3"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -O	0.33	1376 C	0.10 0.23
O -P	0.34	1851 C	0.11 0.23
P -Q	0.35	986 C	0.06 0.29
Q -B	0.37	988 C	0.08 0.29
B -W	0.33	295 T	0.04 0.29
W -C	0.33	295 T	0.04 0.29
C -S	0.73	1132 T	0.18 0.55
S -T	0.78	1283 T	0.23 0.55
T -U	0.47	651 T	0.08 0.39
U -D	0.46	724 T	0.09 0.37
Bottom Chords			
A -N	0.30	1233 T	0.20 0.10
N -H	0.15	22 T	0.00 0.15
G -F	0.56	1718 T	0.29 0.27
F -V	0.34	495 T	0.00 0.34
V -E	0.63	1024 C	0.01 0.62
E -J	0.44	531 C	0.00 0.44
J -I	0.41	617 C	0.00 0.41
I -D	0.31	617 C	0.00 0.31
Chord-Webs			
H -G	0.11	67 T	0.00 0.11
G -P	0.08	311 T	0.04 0.04
Webs			
N -O	0.08	550 C	
N -G	0.25	1384 T	
O -G	0.07	422 T	
P -F	0.37	792 C	
F -Q	0.08	422 T	
F -B	0.79	1404 T	
B -V	0.29	849 C	1 Br
V -W	0.11	357 C	1 Br
V -C	0.96	1248 T	
C -E	0.66	1487 C	1 Br
E -S	0.24	694 T	1 Br
E -T	0.36	1092 T	1 Br
J -T	0.39	686 C	
J -U	0.29	708 T	
I -U	0.04	255 C	

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 408.1 LBS

TL Defl -0.31" in E -J L/745
LL Defl -0.15" in E -J L/999

Hz Disp	LL	DL	TL
Jt E	0.06"	0.09"	0.15"

Shear // Grain in C -S 0.42

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	0.36
O	MT20	3.0x 7.0	Ctr	Ctr	0.24
P	MT20	6.0x 8.0	Ctr	Ctr	0.41
Q	MT20	2.0x 4.0	Ctr	Ctr	0.30
B	MT20	6.0x 6.0	0.9-3.6		0.70
W	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 6.0	-0.4-3.8		0.50
S	MT20	2.0x 4.0	Ctr	Ctr	0.48
T	MT20	5.0x 7.0	0.2	0.5	0.38
U	MT20	3.0x 7.0	Ctr	Ctr	0.31
D	MT20	4.0x 6.0	Ctr	0.1	0.36
N	MT20	3.0x 7.0	Ctr	Ctr	0.58
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	6.0x 8.0	Ctr	0.9	0.40
F	MT20	6.0x 8.0	1.0-0.6		0.65
V	MT20	4.0x 8.0	Ctr	Ctr	0.66
E	MT20	6.0x 8.0	0.9	3.5	0.49
J	MT20	5.0x 7.0	Ctr-0.5		0.39
I	MT20	2.0x 4.0	Ctr	Ctr	0.34

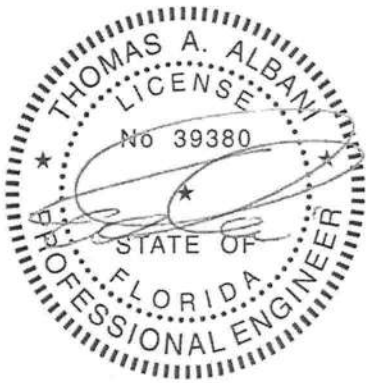
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30- 8- 8	50- 8- 0

Max comp. force 1851 Lbs
Max tens. force 1718 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

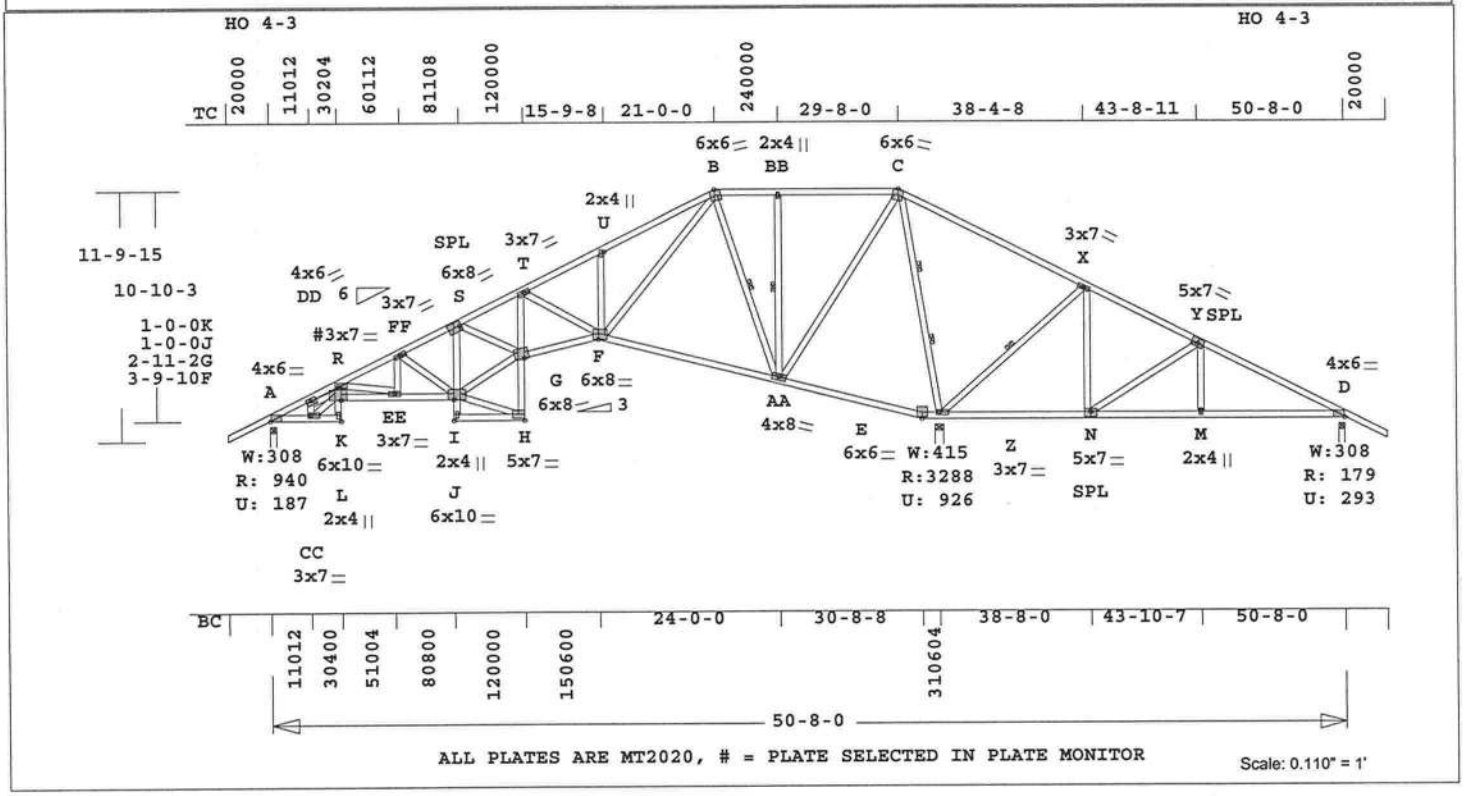


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A4	1	SP	500800	6	2- 0- 0	2- 0- 0	T3912554

MEAGAN HOLLOWAY



Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.92	2x 4	SP-#2
BC	0.74	2x 4	SP-#2
CW	0.38	2x 4	SP-#2
WB	0.96	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
TC	24.0"	21- 0- 0	29- 8- 0
TC	Cont.	29- 8- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
B -AA AA-BB Z -X
Two Continuous Lateral Braces
C -Z
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	941	188 U	282 R
Z	3289	926 U	
D	179	294 U	281 R

Jt	Brg Size	Required
A	3.5"	1.5"
Z	4.9"	3.6"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -DD	0.13	1370 C	0.10 0.03
DD-R	0.26	3136 C	0.21 0.05
R -FF	0.21	1832 C	0.02 0.19
FF-S	0.15	1285 C	0.09 0.06
S -T	0.14	1411 C	0.07 0.07
T -U	0.27	818 C	0.04 0.23
U -B	0.31	815 C	0.00 0.31
B -BB	0.23	386 T	0.06 0.17

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 418.9 LBS

BB-C	0.60	386 T	0.06	0.54
C -X	0.92	1642 T	0.25	0.67
X -Y	0.83	906 T	0.16	0.67
Y -D	0.42	558 T	0.05	0.37
--------Bottom Chords---------				
A -CC	0.27	1203 T	0.20	0.07
CC-L	0.10	185 T	0.03	0.07
K -EE	0.74	2849 T	0.47	0.27
EE-J	0.32	1661 T	0.27	0.05
I -H	0.07	10 C		
G -F	0.43	1311 T	0.22	0.21
F -AA	0.44	576 T	0.00	0.44
AA-E	0.44	1114 C	0.00	0.44
E -Z	0.41	1088 C	0.00	0.41
Z -N	0.41	796 C	0.00	0.41
N -M	0.27	535 C	0.00	0.27
M -D	0.31	535 C	0.00	0.31
----------Chord-Webs----------				
L -K	0.38	44 T	0.00	0.38
K -R	0.22	811 T	0.14	0.08
I -J	0.01	60 T	0.00	0.01
J -S	0.02	281 C	0.02	0.00
H -G	0.08	56 T	0.00	0.08
G -T	0.07	344 T	0.06	0.01
------------Webs------------				
CC-DD	0.08	849 C		
CC-K	0.23	1287 T		
DD-K	0.29	1582 T		
R -EE	0.17	1218 C		
EE-FF	0.07	397 T		
FF-J	0.11	636 C		
J -G	0.24	1332 T		
S -G	0.02	193 T		
J -H	0.00	13 T		
T -F	0.16	596 C		
F -U	0.07	370 T		
F -B	0.67	1288 T		
B -AA	0.31	883 C		1 Br
AA-BB	0.08	274 C		1 Br
AA-C	0.96	1270 T		
C -Z	0.79	2285 C		2 Br
Z -X	0.31	1092 T		1 Br
N -X	0.34	600 C		
N -Y	0.31	712 T		
M -Y	0.05	289 C		

TL Defl -0.44" in F -AA L/847
LL Defl -0.16" in F -AA L/999

Hz Disp	LL	DL	TL
Jt Z	0.07"	0.11"	0.18"

Shear // Grain in E -Z 0.42

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	0.36
DD	MT20	4.0x 6.0	0.5	-0.2	0.69
R#	MT20	3.0x 7.0	Ctr	Ctr	0.99
FF	MT20	3.0x 7.0	Ctr	Ctr	0.27
S	MT20	6.0x 8.0	Ctr	Ctr	0.46
T	MT20	3.0x 7.0	Ctr	Ctr	0.25
U	MT20	2.0x 4.0	Ctr	Ctr	0.31
B	MT20	6.0x 6.0	0.9	-3.6	0.64
BB	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 6.0	-0.4	-3.8	0.57
X	MT20	3.0x 7.0	Ctr	Ctr	0.54
Y	MT20	5.0x 7.0	0.2	0.5	0.38
D	MT20	4.0x 6.0	Ctr	0.1	0.36
CC	MT20	3.0x 7.0	Ctr	Ctr	0.59
L	MT20	2.0x 4.0	Ctr	Ctr	0.58
K	MT20	6.0x10.0	Ctr	1.2	0.51
EE	MT20	3.0x 7.0	-1.8	Ctr	0.30
J	MT20	6.0x10.0	Ctr	1.2	0.34
I	MT20	2.0x 4.0	Ctr	Ctr	0.58
H	MT20	5.0x 7.0	Ctr	Ctr	0.46
G	MT20	6.0x 8.0	Ctr	0.9	0.38
F	MT20	6.0x 8.0	1.0	-0.6	0.59
AA	MT20	4.0x 8.0	Ctr	Ctr	0.67
E	MT20	6.0x 6.0	Ctr	2.0	0.42
Z	MT20	3.0x 7.0	Ctr	Ctr	0.60
N	MT20	5.0x 7.0	Ctr	-0.5	0.39
M	MT20	2.0x 4.0	Ctr	Ctr	0.34

= Plate Monitor used
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-05

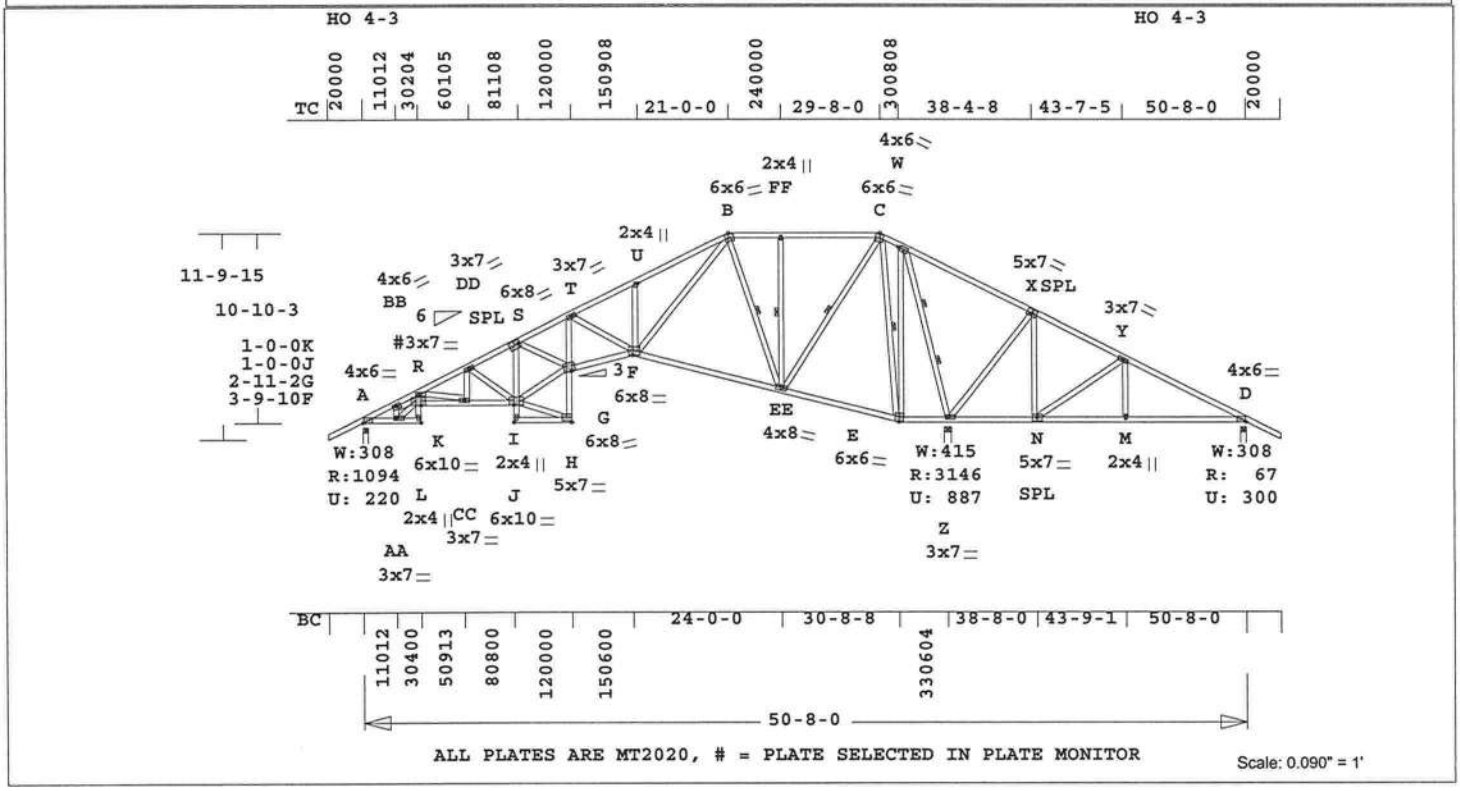
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
31- 6- 4 50- 8- 0
Max comp. force 3136 Lbs
Max tens. force 2849 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A5	1	SP	500800	6	2- 0- 0	2- 0- 0	T3912555

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 453.0 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.90	2x 4	SP-#2
BC	0.91	2x 4	SP-#2
CW	0.47	2x 4	SP-#2
WB	0.87	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
TC	24.0"	21- 0- 0	29- 8- 0
TC	Cont.	29- 8- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
B -EE EE-FF EE-C C -E
Two Continuous Lateral Braces
W -Z
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	1095	220 U	281 R
Z	3147	887 U	
D	68	300 U	281 R

Jt	Brg Size	Required
A	3.5"	1.5"
Z	4.9"	3.5"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Ax	CSI-Bnd
----------Top Chords----------				
A -BB	0.16	1661	C	0.12 0.04
BB-R	0.33	3846	C	0.26 0.07
R -DD	0.28	2335	C	0.04 0.24
DD-S	0.18	1717	C	0.11 0.07
S -T	0.19	2062	C	0.12 0.07
T -U	0.32	1478	C	0.09 0.23
U -B	0.34	1472	C	0.01 0.33
B -FF	0.31	251	T	0.00 0.31
FF-C	0.31	251	T	0.00 0.31
C -W	0.72	713	T	0.11 0.61
W -X	0.90	1668	T	0.29 0.61
X -Y	0.58	1174	T	0.20 0.38
Y -D	0.51	648	T	0.12 0.39
--------Bottom Chords---------				
A -AA	0.33	1457	T	0.24 0.09
AA-L	0.12	226	T	0.03 0.09
K -CC	0.91	3492	T	0.58 0.33
CC-J	0.41	2114	T	0.35 0.06
I -H	0.07	12	C	
G -F	0.52	1913	T	0.32 0.20
F -EE	0.44	360	T	0.02 0.42
EE-E	0.42	787	T	0.00 0.42
E -Z	0.23	813	C	0.10 0.13
Z -N	0.20	1051	C	0.07 0.13
N -M	0.29	613	C	0.00 0.29
M -D	0.31	613	C	0.00 0.31
----------Chord-Webs----------				
L -K	0.47	50	T	0.00 0.47
K -R	0.27	973	T	0.17 0.10
I -J	0.01	60	T	0.00 0.01
J -S	0.04	479	C	0.04 0.00
H -G	0.10	56	T	0.00 0.10
G -T	0.06	336	T	0.06 0.00
------------Webs------------				
AA-BB	0.09	1034	C	
AA-K	0.28	1556	T	
BB-K	0.36	1956	T	
R -CC	0.19	1412	C	
CC-DD	0.08	459	T	
DD-J	0.13	715	C	
J -G	0.32	1782	T	
S -G	0.06	356	T	
J -H	0.00	14	T	
T -F	0.16	589	C	
F -U	0.06	368	T	
F -B	0.87	1597	T	
B -EE	0.27	786	C	1 Br
EE-FF	0.12	372	C	1 Br
EE-C	0.26	1275	T	1 Br
C -E	0.56	1274	C	1 Br
E -W	0.78	1469	T	
W -Z	0.81	2565	C	2 Br
Z -X	0.64	909	T	
N -X	0.33	585	C	
N -Y	0.34	768	T	
M -Y	0.05	306	C	

TL Defl -0.53" in F -EE L/741
LL Defl -0.19" in F -EE L/999

Hz Disp	LL	DL	TL
Jt Z	0.10"	0.15"	0.25"

Shear // Grain in C -W 0.48

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	0.44
BB	MT20	4.0x 6.0	0.5	-0.2	0.85
R#	MT20	3.0x 7.0	-0.2	-0.3	0.75
DD	MT20	3.0x 7.0	Ctr	Ctr	0.27
S	MT20	6.0x 8.0	Ctr	Ctr	0.46
T	MT20	3.0x 7.0	Ctr	Ctr	0.25
U	MT20	2.0x 4.0	Ctr	Ctr	0.31
B	MT20	6.0x 6.0	0.9	-3.6	0.79
FF	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 6.0	-0.4	-3.8	0.50
W	MT20	4.0x 6.0	0.4	-0.2	0.85
X	MT20	5.0x 7.0	0.2	0.5	0.38
Y	MT20	3.0x 7.0	Ctr	Ctr	0.34
D	MT20	4.0x 6.0	Ctr	0.1	0.36
AA	MT20	3.0x 7.0	Ctr	Ctr	0.71
L	MT20	2.0x 4.0	Ctr	Ctr	0.58
K	MT20	6.0x10.0	Ctr	1.2	0.63
CC	MT20	3.0x 7.0	-1.8	Ctr	0.34
J	MT20	6.0x10.0	Ctr	1.2	0.45
I	MT20	2.0x 4.0	Ctr	Ctr	0.58
H	MT20	5.0x 7.0	Ctr	Ctr	0.46
G	MT20	6.0x 8.0	Ctr	0.9	0.49
F	MT20	6.0x 8.0	1.0	-0.6	0.74
EE	MT20	4.0x 8.0	Ctr	Ctr	0.67
E	MT20	6.0x 6.0	0.4	3.3	0.47
Z	MT20	3.0x 7.0	Ctr	Ctr	0.70
N	MT20	5.0x 7.0	Ctr	-0.5	0.39
M	MT20	2.0x 4.0	Ctr	Ctr	0.34

= Plate Monitor used
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

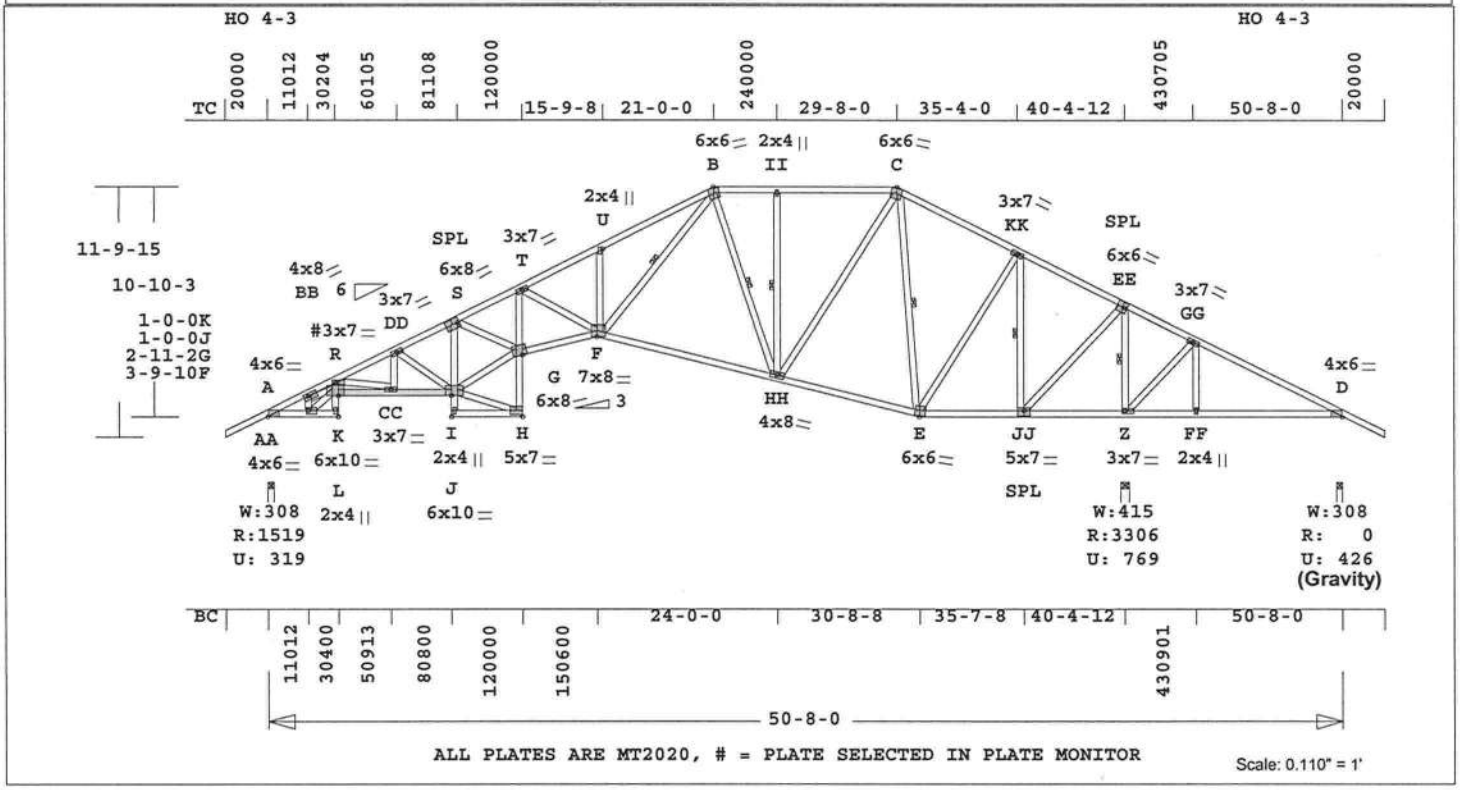
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
33- 6- 4 50- 8- 0
Max comp. force 3846 Lbs
Max tens. force 3492 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A6	1	SP	500800	6	2- 0- 0	2- 0- 0	T3912556

MEAGAN HOLLOWAY



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.110" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 450.5 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.81	2x 4	SP-#2
BC	0.89	2x 4	SP-#1
--	0.77	2x 4	SP-#2
	A -L	I -H	G -F F -E
	E -JJ	JJ-D	
CW	0.72	2x 4	SP-#2
WB	0.91	2x 4	SP-#2
SCAB (1)		2x 4	SP-#1

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	21- 0- 0
TC 24.0"	21- 0- 0	29- 8- 0
TC Cont.	29- 8- 0	50- 8- 0
BC Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
F -B B -HH HH-II C -E
JJ-KK Z -EE
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	1520	320 U	282 R
Z	3307	770 U	
D		426 G	281 R

G = Gravity Uplift

Jt	Brg Size	Required
A	3.5"	1.8"
Z	4.9"	3.6"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -BB	0.24	2463 C	0.18 0.06
BB-R	0.58	5811 C	0.23 0.35
R -DD	0.46	3697 C	0.10 0.36
DD-S	0.29	2908 C	0.21 0.08
S -T	0.32	3861 C	0.26 0.06
T -U	0.43	3298 C	0.23 0.20
U -B	0.49	3281 C	0.06 0.43
B -II	0.26	1170 C	0.02 0.24
II-C	0.33	1170 C	0.11 0.22
C -KK	0.41	588 T	0.07 0.34
KK-EE	0.38	259 T	0.03 0.35
EE-GG	0.81	2083 T	0.34 0.47
GG-D	0.77	1701 T	0.30 0.47
Bottom Chords			
A -AA	0.49	2160 T	0.36 0.13
AA-L	0.18	344 T	0.05 0.13
K -CC	0.89	5271 T	0.69 0.20
CC-J	0.47	3344 T	0.44 0.03
I -H	0.07	16 T	
G -F	0.77	3576 T	0.60 0.17
F -HH	0.52	1417 T	0.13 0.39
HH-E	0.45	591 T	0.06 0.39
E -JJ	0.17	317 T	0.00 0.17
JJ-Z	0.19	1888 C	0.02 0.17
Z -FF	0.41	1505 C	0.08 0.33
FF-D	0.45	1505 C	0.03 0.42
Chord-Webs			
L -K	0.72	68 T	0.01 0.71
K -R	0.40	1418 T	0.26 0.14
I -J	0.03	60 T	0.00 0.03
J -S	0.09	1023 C	0.09 0.00
H -G	0.15	56 T	0.00 0.15
G -T	0.06	312 T	0.05 0.01
Webs			
AA-BB	0.14	1544 C	
AA-K	0.42	2296 T	
BB-K	0.55	2998 T	
R -CC	0.27	1976 C	
CC-DD	0.11	626 T	
DD-J	0.17	920 C	
J -G	0.55	3024 T	
S -G	0.17	970 T	
J -H	0.00	14 T	
T -F	0.16	577 C	
F -U	0.06	353 T	
F -B	0.45	2440 T	1 Br
B -HH	0.22	631 C	1 Br
HH-II	0.11	337 C	1 Br
HH-C	0.82	1081 T	
C -E	0.43	990 C	1 Br
E -KK	0.54	1133 T	
JJ-KK	0.40	1640 C	1 Br
JJ-EE	0.91	2544 T	
Z -EE	0.39	2878 C	1 Br
Z -GG	0.19	730 T	
FF-GG	0.06	320 C	

TL Defl -0.90" in F -HH L/531
LL Defl -0.34" in F -HH L/999

Hz Disp	LL	DL	TL
Jt Z	0.18"	0.26"	0.44"

Shear // Grain in L -K 0.44

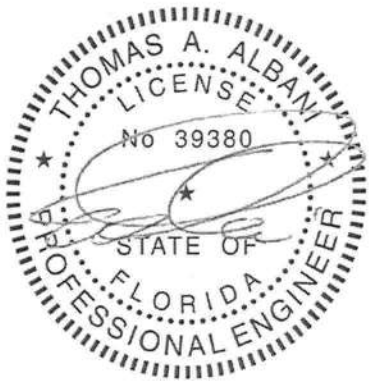
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.66
BB	MT20	4.0x 8.0	1.4	0.3	0.80
R#	MT20	3.0x 7.0	-0.2	-0.5	0.92
DD	MT20	3.0x 7.0	Ctr	Ctr	0.35
S	MT20	6.0x 8.0	Ctr	Ctr	0.56
T	MT20	3.0x 7.0	Ctr	Ctr	0.25
U	MT20	2.0x 4.0	Ctr	Ctr	0.31
B	MT20	6.0x 6.0	0.4	-3.8	0.93
II	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 6.0	-0.4	-3.8	0.50
KK	MT20	3.0x 7.0	Ctr	Ctr	0.89
EE	MT20	6.0x 6.0	Ctr	Ctr	0.73
GG	MT20	3.0x 7.0	Ctr	Ctr	0.39
D	MT20	4.0x 6.0	Ctr	0.1	0.45
AA	MT20	4.0x 6.0	Ctr	Ctr	0.88
L	MT20	2.0x 4.0	Ctr	Ctr	0.58
K	MT20	6.0x10.0	Ctr	1.2	0.95
CC	MT20	3.0x 7.0	-1.8	Ctr	0.48
J	MT20	6.0x10.0	Ctr	1.2	0.76
I	MT20	2.0x 4.0	Ctr	Ctr	0.58
H	MT20	5.0x 7.0	Ctr	Ctr	0.46
G	MT20	6.0x 8.0	Ctr	0.9	0.84
F	MT20	7.0x 8.0	1.0	-0.1	0.98
HH	MT20	4.0x 8.0	Ctr	Ctr	0.57
E	MT20	6.0x 6.0	0.4	3.3	0.47
JJ	MT20	5.0x 7.0	Ctr	-0.5	0.93
Z	MT20	3.0x 7.0	Ctr	Ctr	0.72
FF	MT20	2.0x 4.0	Ctr	Ctr	0.34

= Plate Monitor used
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Fasten each scab (shaded) with 2 rows of 10d nails at 6 In o.c. each row, staggered along entire length.
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
40- 4-12 50- 8- 0
Max comp. force 5811 Lbs
Max tens. force 5271 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

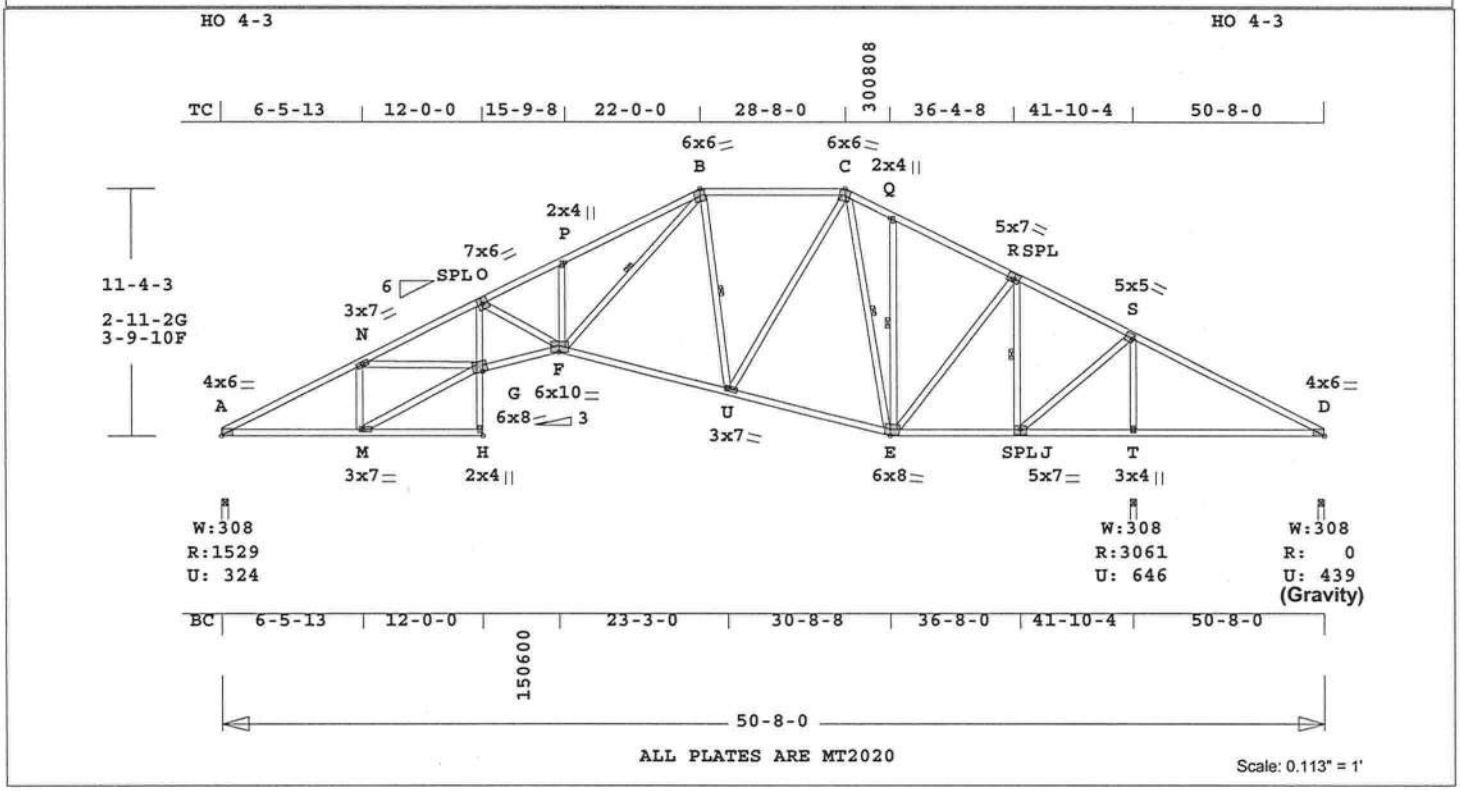


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A7	1	SP	500800	6	0	0	T3912557

MEAGAN HOLLOWAY



Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.81	2x 4	SP-#1
--	0.76	2x 4	SP-#2
	A -O	O -B	B -C C -R
BC	0.84	2x 4	SP-#2
CW	0.22	2x 4	SP-#2
WB	0.88	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
F -B B -U C -E E -Q
J -R
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	1530	324 U	295 R
T	3062	646 U	
D		440 G	294 R

G = Gravity Uplift

Jt	Brg Size	Required
A	3.5"	1.8"
T	3.5"	3.3"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
--------Top Chords--------			
A -N	0.52	2809 C	0.21 0.31
N -O	0.62	4470 C	0.31 0.31
O -P	0.51	3903 C	0.28 0.23
P -B	0.76	3874 C	0.09 0.67
B -C	0.53	1483 C	0.02 0.51
C -Q	0.35	1054 T	0.13 0.22
Q -R	0.33	1025 C	0.11 0.22

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 398.8 LBS

R -S	0.59	507 T	0.05	0.54	
S -D	0.81	1600 T	0.22	0.59	
--------Bottom Chords--------					
A -M	0.50	2512 T	0.42	0.08	
M -H	0.18	37 T	0.00	0.18	
G -F	0.84	4136 T	0.69	0.15	
F -U	0.54	1629 T	0.16	0.38	
U -E	0.49	1057 T	0.11	0.38	
E -J	0.29	326 T	0.05	0.24	
J -T	0.51	1412 C	0.07	0.44	
T -D	0.71	1412 C	0.06	0.65	
----------Chord-Webs----------					
H -G	0.22	89 T	0.00	0.22	
G -O	0.10	284 T	0.04	0.06	
------------Webs------------					
M -N	0.20	1178 C			
M -G	0.85	2795 T			
N -G	0.27	1482 T			
O -F	0.16	585 C			
F -P	0.06	363 T			
F -B	0.56	2797 T			1 Br
B -U	0.25	732 C			1 Br
U -C	0.66	883 T			
C -E	0.27	554 C			1 Br
E -Q	0.11	390 T			1 Br
E -R	0.41	933 T			
J -R	0.28	1281 C			1 Br
J -S	0.58	2264 T			
T -S	0.88	2835 C			

TL Defl	-0.33" in T -D	L/303
LL Defl	-0.13" in T -D	L/753

Hz Disp	LL	DL	TL
Jt T	0.16"	0.23"	0.40"

Shear // Grain in S -D 0.34

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	0.74
N	MT20	3.0x 7.0	Ctr	Ctr	0.56
O	MT20	7.0x 6.0	Ctr	Ctr	0.46
P	MT20	2.0x 4.0	Ctr	Ctr	0.31
B	MT20	6.0x 6.0	-0.1	-4.1	0.87
C	MT20	6.0x 6.0	-0.4	-3.8	0.53
Q	MT20	2.0x 4.0	Ctr	Ctr	0.28
R	MT20	5.0x 7.0	0.2	0.5	0.49
S	MT20	5.0x 5.0	Ctr	Ctr	0.93
D	MT20	4.0x 6.0	Ctr	0.1	0.42
M	MT20	3.0x 7.0	1.5	Ctr	0.89
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	6.0x 8.0	Ctr	0.9	0.97
F	MT20	6.0x10.0	0.5	-0.6	0.95
U	MT20	3.0x 7.0	Ctr	Ctr	0.63
E	MT20	6.0x 8.0	0.9	3.5	0.54
J	MT20	5.0x 7.0	Ctr	-0.5	0.76
T	MT20	3.0x 4.0	Ctr	Ctr	0.85

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

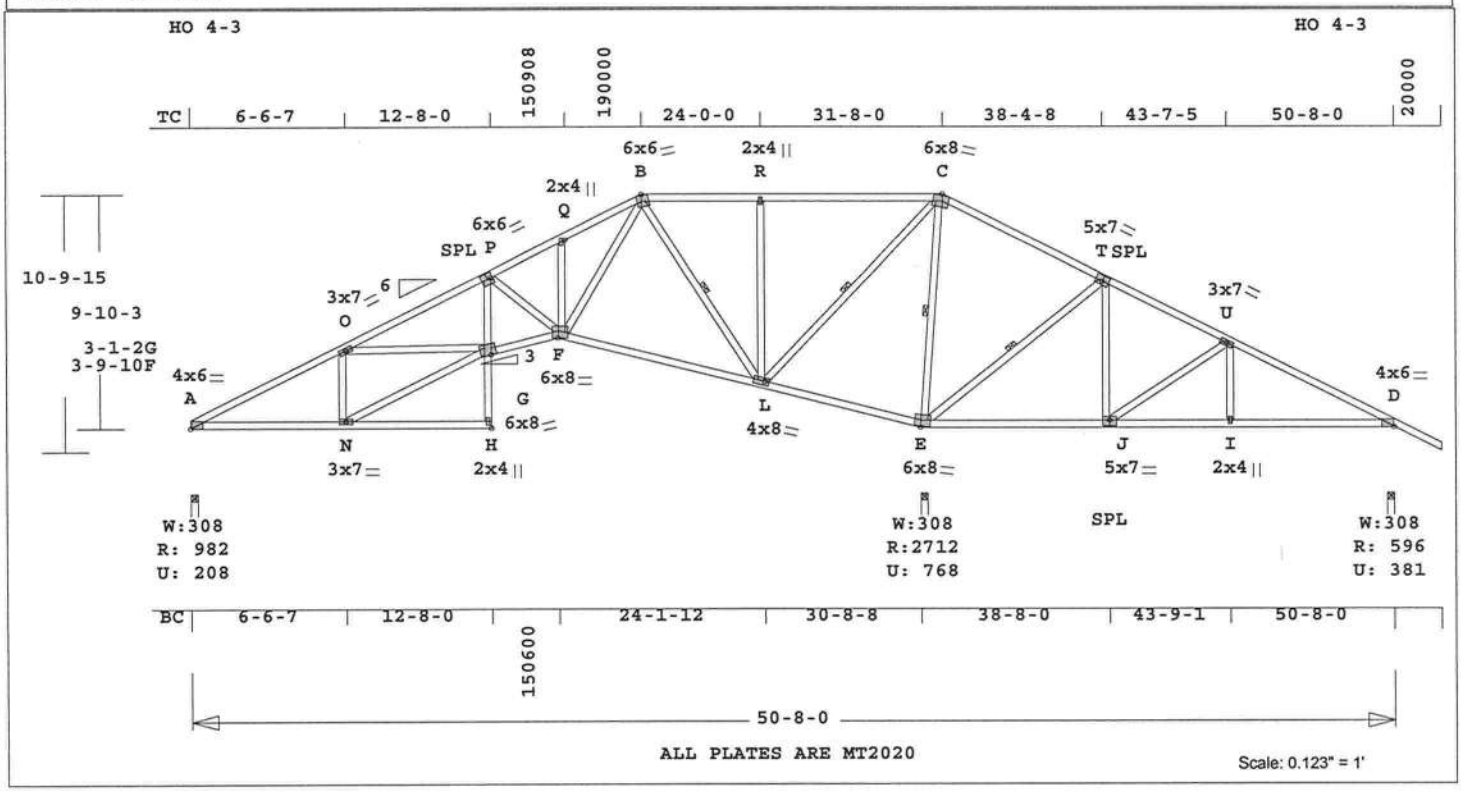
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
41-10- 4 50- 8- 0
Max comp. force 4470 Lbs
Max tens. force 4136 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A8	1	SP	500800	6	0	2- 0- 0	T3912558

MEAGAN HOLLOWAY



Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.58	2x 4	SP-#2
BC	0.88	2x 4	SP-#2
CW	0.14	2x 4	SP-#2
WB	0.63	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
B -L L -C E -C E -T
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	982	209 U	256 R
E	2712	768 U	
D	597	382 U	254 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	3.5"	2.9"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -O	0.48	1643 C	0.12 0.36
O -P	0.49	2058 C	0.13 0.36
P -Q	0.31	1548 C	0.11 0.20
Q -B	0.36	1492 C	0.01 0.35
B -R	0.44	329 T	0.00 0.44
R -C	0.47	329 T	0.00 0.47
C -T	0.58	812 T	0.12 0.46
T -U	0.50	651 T	0.08 0.42
U -D	0.49	1040 T	0.13 0.36
--------Bottom Chords---------			
A -N	0.39	1476 T	0.15 0.24
N -H	0.24	22 T	0.00 0.24
G -F	0.52	1907 T	0.32 0.20
F -L	0.40	624 T	0.06 0.34
L -E	0.88	870 C	0.01 0.87
E -J	0.61	407 C	0.00 0.61
J -I	0.56	827 C	0.07 0.49
I -D	0.31	827 C	0.00 0.31
----------Chord-Webs----------			
H -G	0.14	97 T	0.00 0.14
G -P	0.05	286 T	0.05 0.00
------------Webs------------			
N -O	0.10	578 C	
N -G	0.58	1625 T	
O -G	0.06	360 T	
P -F	0.14	590 C	
F -Q	0.02	203 T	
F -B	0.48	1431 T	
B -L	0.33	951 C	1 Br
L -R	0.41	430 C	
L -C	0.26	1313 T	1 Br
E -C	0.63	1733 C	1 Br
E -T	0.38	1130 T	1 Br
J -T	0.40	700 C	
J -U	0.27	690 T	
I -U	0.04	242 C	

TL Defl -0.46" in E -J L/507
LL Defl -0.22" in E -J L/999

Hz Disp	LL	DL	TL
Jt E	0.08"	0.12"	0.20"

Shear // Grain in E -J 0.31

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	0.43
O	MT20	3.0x 7.0	Ctr	Ctr	0.24
P	MT20	6.0x 6.0	Ctr	Ctr	0.43
Q	MT20	2.0x 4.0	Ctr	Ctr	0.32
B	MT20	6.0x 6.0	0.9-3.6		0.72
R	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 8.0	-0.9-3.8		0.76
T	MT20	5.0x 7.0	0.2	0.5	0.39
U	MT20	3.0x 7.0	Ctr	Ctr	0.31
D	MT20	4.0x 6.0	Ctr	0.1	0.36
N	MT20	3.0x 7.0	Ctr	Ctr	0.68
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	6.0x 8.0	Ctr	0.9	0.46
F	MT20	6.0x 8.0	1.0-0.6		0.66
L	MT20	4.0x 8.0	Ctr	Ctr	0.65
E	MT20	6.0x 8.0	0.9	3.5	0.54
J	MT20	5.0x 7.0	Ctr	-0.5	0.39
I	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 387.8 LBS
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30- 8- 8	50- 8- 0

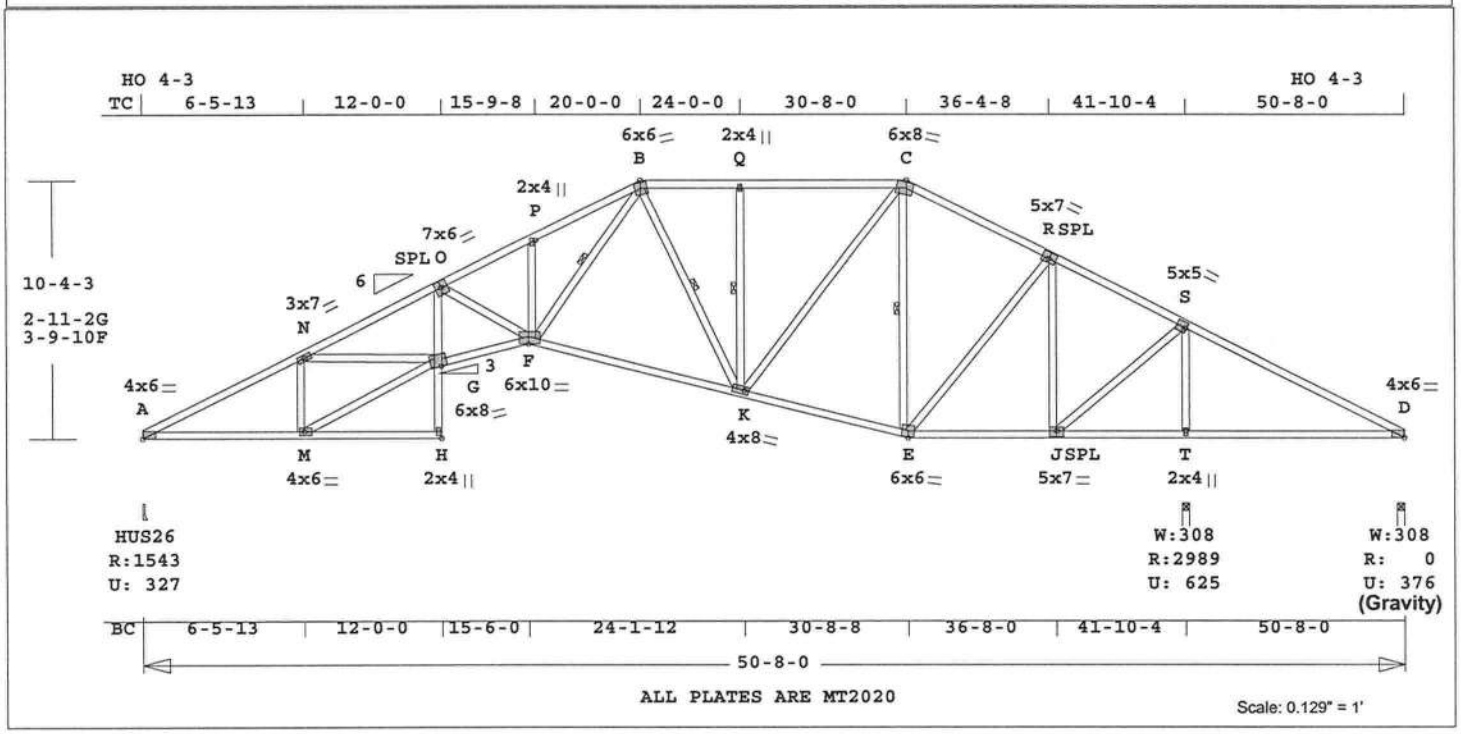
Max comp. force 2058 Lbs
Max tens. force 1907 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A9	1	SP	500800	6	0	0	T3912559

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 388.7 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.97	2x 4	SP-#2
BC	0.84	2x 4	SP-#2
CW	0.22	2x 4	SP-#2
WB	0.98	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
F -B B -K K -Q E -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	1544	328 U	268 R
T	2989	626 U	
D		377 G	267 R

G = Gravity Uplift

Jt	Brg Size	Required
A	3.5"	1.8"
T	3.5"	3.2"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -N	0.51	2838 C	0.21	0.30
N -O	0.61	4532 C	0.31	0.30
O -P	0.42	3952 C	0.28	0.14
P -B	0.53	3911 C	0.10	0.43
B -Q	0.37	1683 C	0.01	0.36
Q -C	0.37	1683 C	0.01	0.36
C -R	0.44	1086 C	0.11	0.33
R -S	0.71	539 T	0.00	0.71
S -D	0.97	1463 T	0.26	0.71
Bottom Chords				
A -M	0.50	2538 T	0.42	0.08
M -H	0.18	37 T	0.00	0.18
G -F	0.84	4196 T	0.70	0.14
F -K	0.57	2024 T	0.19	0.38
K -E	0.48	1018 T	0.10	0.38
E -J	0.29	400 T	0.06	0.23
J -T	0.51	1291 C	0.06	0.45
T -D	0.70	1291 C	0.05	0.65

Membr	CSI	P Lbs	Axl	CSI-Bnd
Chord-Webs				
H -G	0.22	89 T	0.00	0.22
G -O	0.10	279 T	0.04	0.06
Webs				
M -N	0.20	1192 C		
M -G	0.86	2825 T		
N -G	0.27	1514 T		
O -F	0.17	609 C		
F -P	0.04	281 T		
F -B	0.48	2612 T		1 Br
B -K	0.22	638 C		1 Br
K -Q	0.11	397 C		1 Br
K -C	0.86	1129 T		
E -C	0.31	779 C		1 Br
E -R	0.35	880 T		
J -R	0.98	1242 C		
J -S	0.54	2202 T		
T -S	0.86	2761 C		

TL Defl -0.34" in T -D L/299
LL Defl -0.14" in T -D L/740

Hz Disp	LL	DL	TL
Jt T	0.16"	0.22"	0.38"

Shear // Grain in S -D 0.34

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	0.75
N	MT20	3.0x 7.0	Ctr	Ctr	0.57
O	MT20	7.0x 6.0	Ctr	Ctr	0.47
P	MT20	2.0x 4.0	Ctr	Ctr	0.31
B	MT20	6.0x 6.0	0.4-3.8		1.00
Q	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 8.0-0.9-3.8			0.62
R	MT20	5.0x 7.0	0.2	0.5	0.46
S	MT20	5.0x 5.0	Ctr	Ctr	0.90
D	MT20	4.0x 6.0	Ctr	0.1	0.38
M	MT20	4.0x 6.0	0.5	Ctr	0.89
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	6.0x 8.0	Ctr	0.9	0.98
F	MT20	6.0x10.0	0.5-0.6		0.89
K	MT20	4.0x 8.0	Ctr	Ctr	0.58
E	MT20	6.0x 6.0-0.1		3.5	0.46
J	MT20	5.0x 7.0	Ctr-0.5		0.74
T	MT20	2.0x 4.0	Ctr-0.5		0.97

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
41-10- 4	50- 8- 0

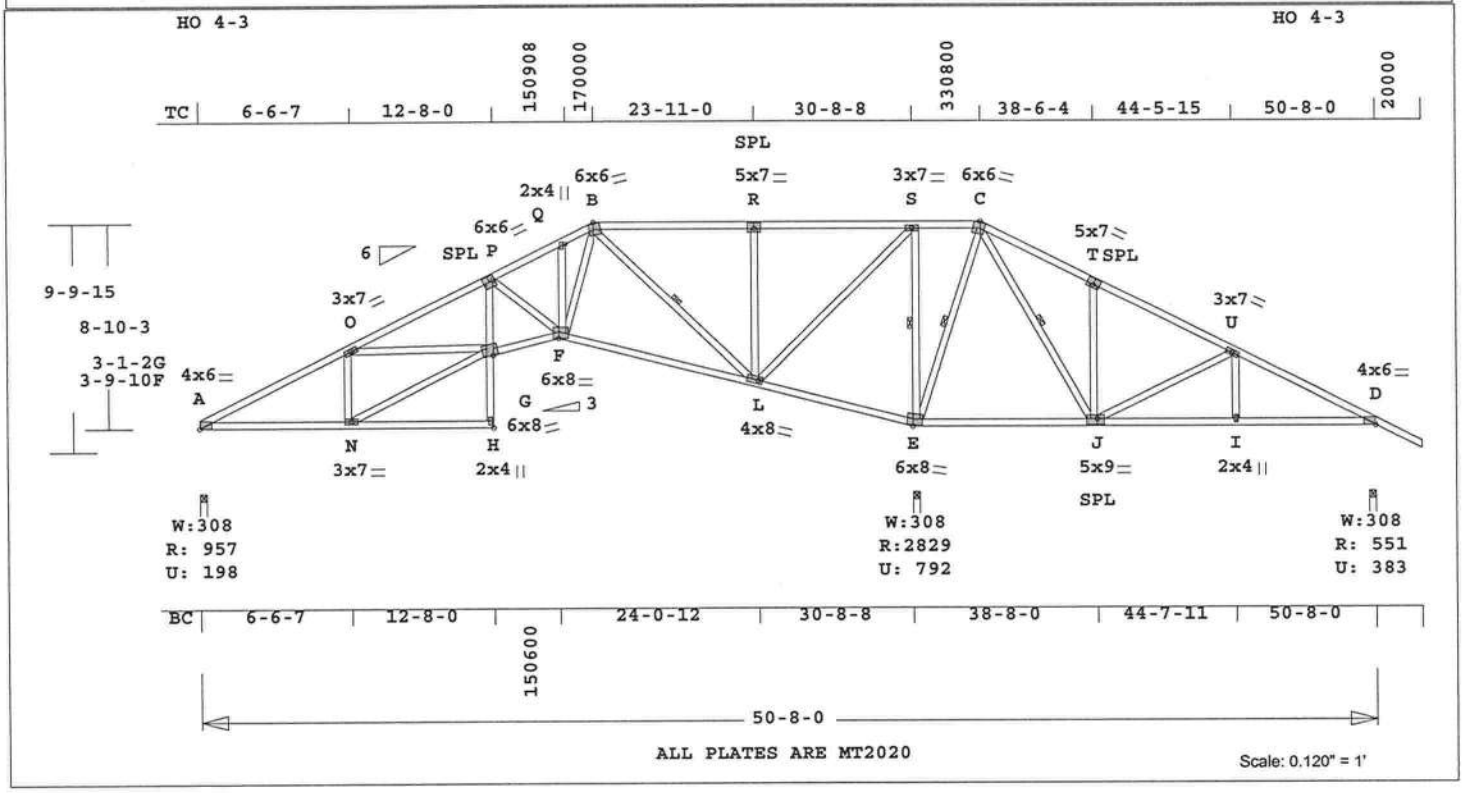
Max comp. force 4532 Lbs
Max tens. force 4196 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A10	1	SP	500800	6	0	2- 0- 0	T3912560

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 395.2 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.57	2x 4	SP-#2
BC	0.88	2x 4	SP-#2
--	0.84	2x 4	SP-#1
	F -E		
CW	0.12	2x 4	SP-#2
WB	0.84	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
B -L E -S E -C C -J
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	957	199 U	230 R
E	2830	793 U	
D	552	383 U	228 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	3.5"	3.0"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -O	0.46	1589 C	0.11 0.35
O -P	0.46	1955 C	0.11 0.35
P -Q	0.31	1422 C	0.09 0.22
Q -B	0.51	1268 C	0.01 0.50
B -R	0.57	209 T	0.00 0.57
R -S	0.57	209 T	0.00 0.57
S -C	0.44	939 T	0.15 0.29
C -T	0.34	752 T	0.09 0.25
T -U	0.41	552 T	0.06 0.35
U -D	0.48	1045 T	0.13 0.35
--------Bottom Chords---------			
A -N	0.38	1428 T	0.14 0.24
N -H	0.24	19 T	0.00 0.24
G -F	0.44	1811 T	0.30 0.14
F -L	0.34	961 T	0.12 0.22
L -E	0.84	973 C	0.01 0.83
E -J	0.88	580 C	0.00 0.88
J -I	0.64	850 C	0.06 0.58
I -D	0.22	850 C	0.06 0.16
----------Chord-Webs----------			
H -G	0.12	97 T	0.00 0.12
G -P	0.05	301 T	0.05 0.00
------------Webs-------------			
N -O	0.09	555 C	
N -G	0.54	1574 T	
O -G	0.05	316 T	
P -F	0.14	622 C	
F -Q	0.03	214 T	
F -B	0.19	1047 T	
B -L	0.47	1249 C	1 Br
L -R	0.35	482 C	
L -S	0.84	1338 T	
E -S	0.39	1300 C	1 Br
E -C	0.35	1119 C	1 Br
C -J	0.47	1231 C	1 Br
J -T	0.18	392 T	
J -U	0.37	768 T	
I -U	0.03	225 C	

TL Defl	-0.52" in E -J		L/444
LL Defl	-0.26" in E -J		L/879
Hz Disp	LL	DL	TL
Jt E	0.09"	0.11"	0.20"

Shear // Grain in Q -B 0.36

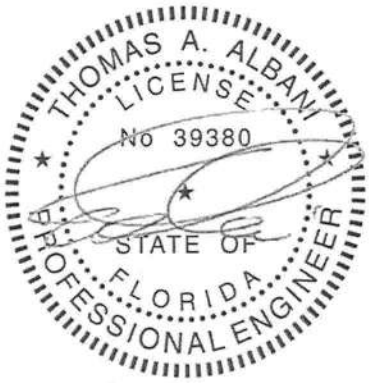
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.42
O	MT20	3.0x 7.0	Ctr	Ctr	0.24
P	MT20	6.0x 6.0	Ctr	Ctr	0.43
Q	MT20	2.0x 4.0	Ctr	Ctr	0.32
B	MT20	6.0x 6.0	0.9-3.6		0.55
R	MT20	5.0x 7.0	Ctr	0.5	0.39
S	MT20	3.0x 7.0	Ctr	Ctr	0.65
C	MT20	6.0x 6.0	-0.9-3.6		0.52
T	MT20	5.0x 7.0	0.2	0.5	0.38
U	MT20	3.0x 7.0	Ctr	Ctr	0.30
D	MT20	4.0x 6.0	Ctr	0.1	0.36
N	MT20	3.0x 7.0	Ctr	Ctr	0.66
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	6.0x 8.0	Ctr	0.9	0.44
F	MT20	6.0x 8.0	1.0-0.6		0.51
L	MT20	4.0x 8.0	Ctr	Ctr	0.66
E	MT20	6.0x 8.0	0.9	3.5	0.55
J	MT20	5.0x 9.0	-1.0-0.5		0.62
I	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30- 8- 8 50- 8- 0
Max comp. force 1955 Lbs
Max tens. force 1811 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

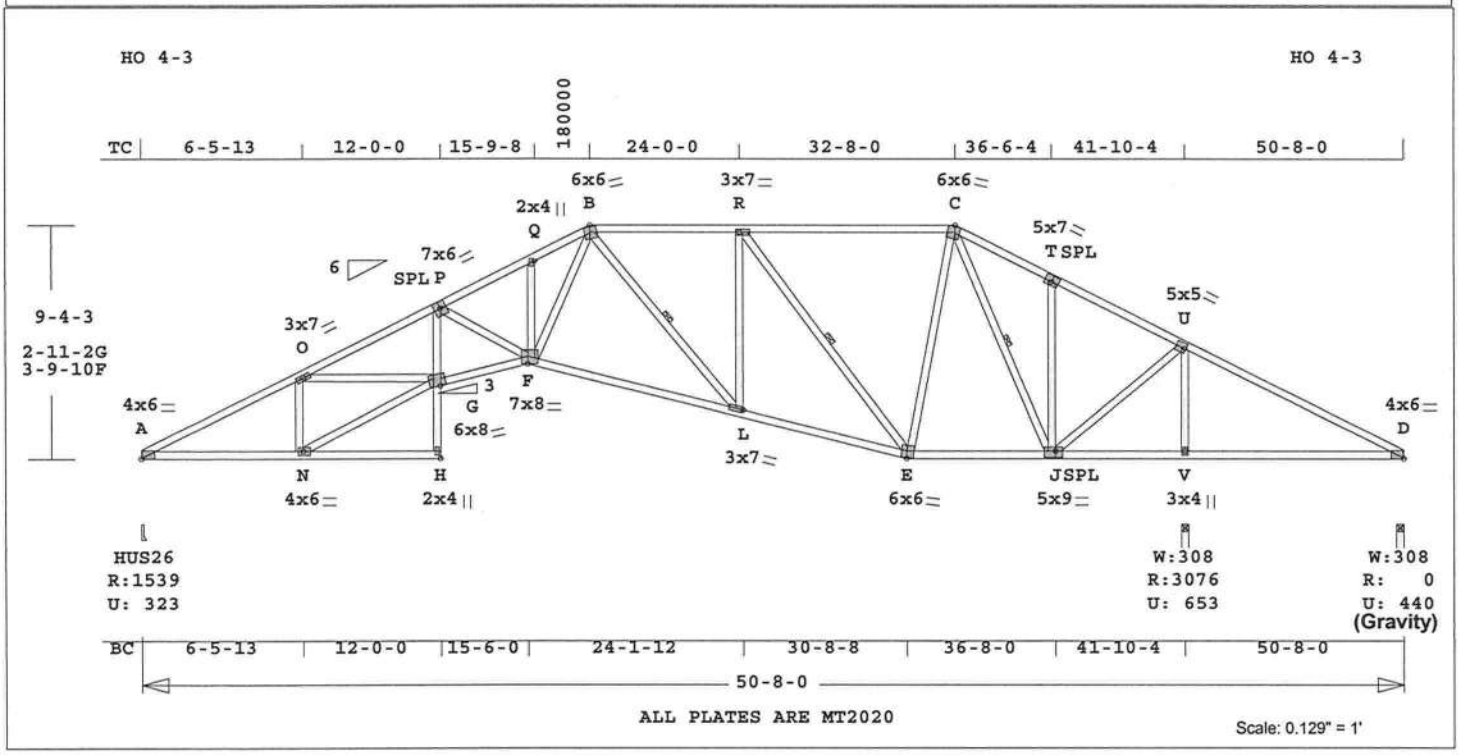


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A11	1	SP	500800	6	0	0	T3912561

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 383.8 LBS

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Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

     CSI -Size- ----Lumber----
TC  0.83  2x 4  SP-#1
--  0.68  2x 4  SP-#2
    A -P    P -B    B -C    C -T
BC  0.81  2x 4  SP-#2
CW  0.21  2x 4  SP-#2
WB  0.89  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 50- 8- 0
 BC  Cont.     0- 0- 0 50- 8- 0
One Continuous Lateral Brace
   B -L    R -E    C -J
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   1539   323 U   241 R
V   3077   653 U
D           440 G   240 R
G = Gravity Uplift

Jt   Brg Size   Required
A       3.5"       1.8"
V       3.5"       3.3"
D       3.5"       1.5"

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -O  0.50  2828 C  0.20  0.30
O -P  0.59  4518 C  0.29  0.30
P -Q  0.44  3915 C  0.27  0.17
Q -B  0.53  3836 C  0.09  0.44
B -R  0.68  1916 C  0.02  0.66
R -C  0.66  1013 C  0.00  0.66
C -T  0.24   619 T  0.08  0.16
T -U  0.61   482 T  0.00  0.61
U -D  0.83  1600 T  0.22  0.61
--------Bottom Chords---------
A -N  0.50  2529 T  0.42  0.08
N -H  0.18    34 T  0.00  0.18
G -F  0.81  4182 T  0.70  0.11
F -L  0.62  2546 T  0.42  0.20
L -E  0.64  1971 T  0.32  0.32
E -J  0.49   820 T  0.13  0.36
J -V  0.51  1411 C  0.07  0.44
V -D  0.71  1411 C  0.06  0.65
----------Chord-Webs----------
H -G  0.21    89 T  0.00  0.21
G -P  0.12   289 T  0.04  0.08
-------------Webs-------------
N -O  0.20  1188 C
N -G  0.85  2817 T
O -G  0.27  1511 T
P -F  0.18   641 C
F -Q  0.02   189 T
F -B  0.58  2317 T
B -L  0.31   863 C        1 Br
L -R  0.13   701 T
R -E  0.75  1488 C        1 Br
E -C  0.46   916 T
C -J  0.47  1211 C        1 Br
J -T  0.14   261 T
J -U  0.55  2269 T
V -U  0.89  2856 C

TL Defl  -0.33" in V -D  L/303
LL Defl  -0.13" in V -D  L/750
Hz Disp   LL      DL      TL
  Jt V   0.17"   0.23"   0.40"
Shear // Grain  in R -C   0.35

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 0.75
O  MT20  3.0x 7.0 Ctr Ctr 0.57
P  MT20  7.0x 6.0 Ctr Ctr 0.46
Q  MT20  2.0x 4.0 Ctr Ctr 0.29
B  MT20  6.0x 6.0 0.4-3.8 0.91
R  MT20  3.0x 7.0 Ctr Ctr 0.61
C  MT20  6.0x 6.0-0.9-3.6 0.45
T  MT20  5.0x 7.0 0.2 0.5 0.38
U  MT20  5.0x 5.0 Ctr Ctr 0.94
D  MT20  4.0x 6.0 Ctr 0.1 0.42
N  MT20  4.0x 6.0 0.5 Ctr 0.89
H  MT20  2.0x 4.0 Ctr Ctr 0.58
G  MT20  6.0x 8.0 Ctr 0.9 0.98
F  MT20  7.0x 8.0 1.0-0.1 0.91
L  MT20  3.0x 7.0 Ctr Ctr 0.34
E  MT20  6.0x 6.0 0.4 3.3 0.45
J  MT20  5.0x 9.0-1.0-0.5 0.76
V  MT20  3.0x 4.0 Ctr Ctr 0.83

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
Design checked for 10 psf non-
  concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 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---
           41-10- 4   50- 8- 0
Max comp. force     4518 Lbs
Max tens. force     4182 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

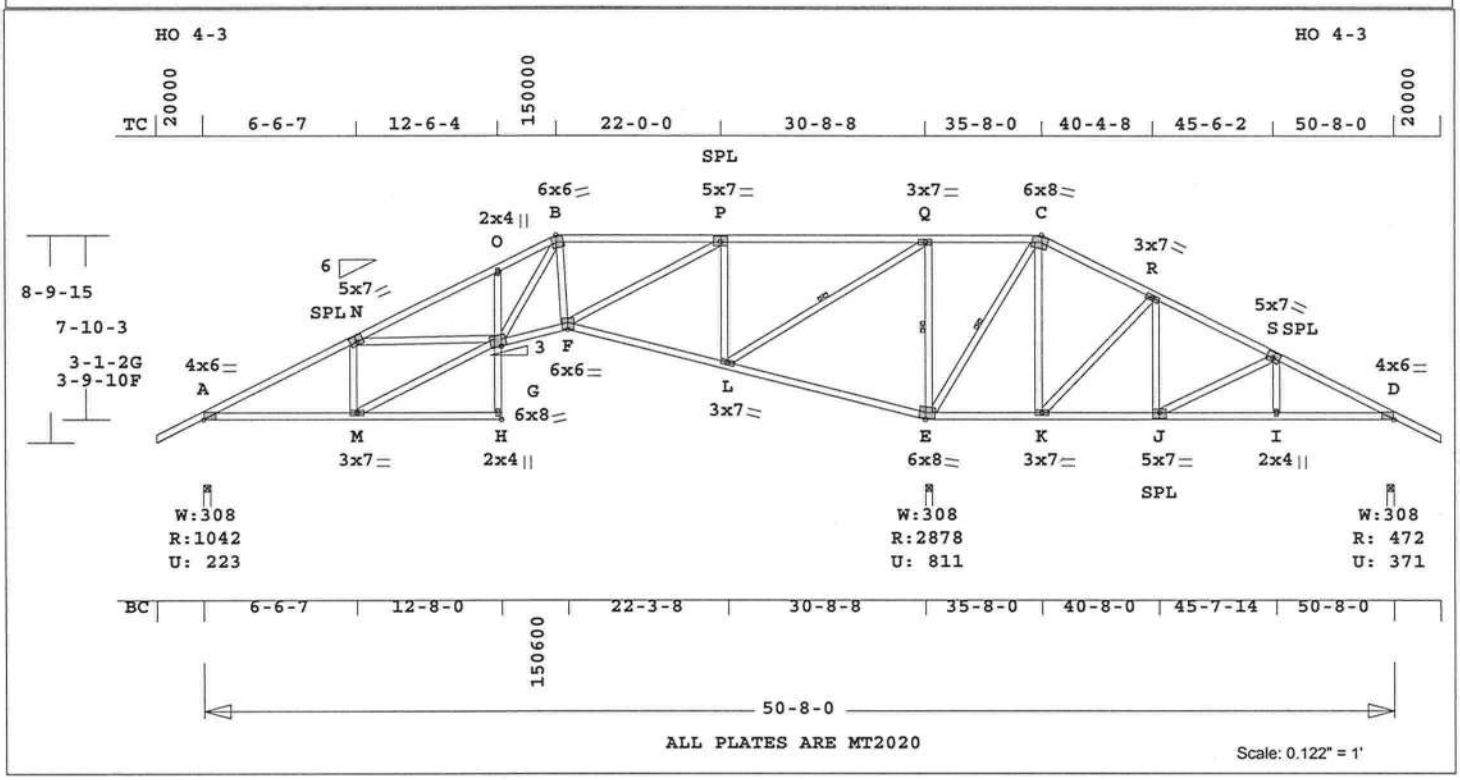
THOMAS A. ALBANI LICENSE No 39380 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A12	1	SP	500800	6	2- 0- 0	2- 0- 0	T3912562

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 386.9 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	Size	Lumber
TC	0.74	2x 4	SP-#2
BC	0.87	2x 4	SP-#2
CW	0.14	2x 4	SP-#2
WB	0.75	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
L -Q E -Q E -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	1042	224 U	202 R
E	2879	811 U	
D	472	371 U	200 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	3.5"	3.1"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -N	0.47	1493 C	0.11 0.36
N -O	0.46	1751 C	0.10 0.36
O -B	0.32	1733 C	0.14 0.18
B -P	0.70	1214 C	0.01 0.69
P -Q	0.69	215 T	0.00 0.69
Q -C	0.74	1240 T	0.20 0.54
C -R	0.33	545 T	0.08 0.25
R -S	0.33	647 T	0.08 0.25
S -D	0.35	1077 T	0.13 0.22
Bottom Chords			
A -M	0.37	1342 T	0.13 0.24
M -H	0.24	22 T	0.00 0.24
G -F	0.47	1276 T	0.21 0.26
F -L	0.30	303 T	0.00 0.30
L -E	0.87	1272 C	0.04 0.83
E -K	0.75	506 C	0.00 0.75
K -J	0.34	424 C	0.00 0.34
J -I	0.16	886 C	0.05 0.11
I -D	0.16	886 C	0.05 0.11
Chord-Webs			
H -G	0.14	97 T	0.00 0.14
G -O	0.06	344 T	0.04 0.02
Webs			
M -N	0.09	512 C	
M -G	0.51	1475 T	
N -G	0.04	233 T	
G -B	0.23	660 T	
B -F	0.04	277 T	
F -P	0.49	1192 T	
L -P	0.49	1094 C	
L -Q	0.30	1634 T	1 Br
E -Q	0.31	1318 C	1 Br
E -C	0.43	1390 C	1 Br
K -C	0.75	864 C	
K -R	0.42	777 T	
J -R	0.18	459 C	
J -S	0.23	668 T	
I -S	0.03	223 C	

TL Defl -0.37" in F -L L/974
LL Defl -0.11" in E -K L/999

Hz Disp	LL	DL	TL
Jt E	0.06"	0.09"	0.15"

Shear // Grain in P -Q 0.35

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	0.39
N	MT20	5.0x 7.0	-0.2	0.5	0.38
O	MT20	2.0x 4.0	Ctr	Ctr	0.28
B	MT20	6.0x 6.0	0.9	-3.6	0.43
P	MT20	5.0x 7.0	Ctr	0.5	0.39
Q	MT20	3.0x 7.0	Ctr	Ctr	0.69
C	MT20	6.0x 8.0	-0.9	-3.8	0.52
R	MT20	3.0x 7.0	Ctr	Ctr	0.41
S	MT20	5.0x 7.0	0.2	0.5	0.38
D	MT20	4.0x 6.0	Ctr	0.1	0.36
M	MT20	3.0x 7.0	Ctr	Ctr	0.62
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	6.0x 8.0	Ctr	0.9	0.43
F	MT20	6.0x 6.0	Ctr	-0.6	0.38
L	MT20	3.0x 7.0	Ctr	Ctr	0.76
E	MT20	6.0x 8.0	0.9	3.5	0.58
K	MT20	3.0x 7.0	Ctr	Ctr	0.36
J	MT20	5.0x 7.0	Ctr	-0.5	0.39
I	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

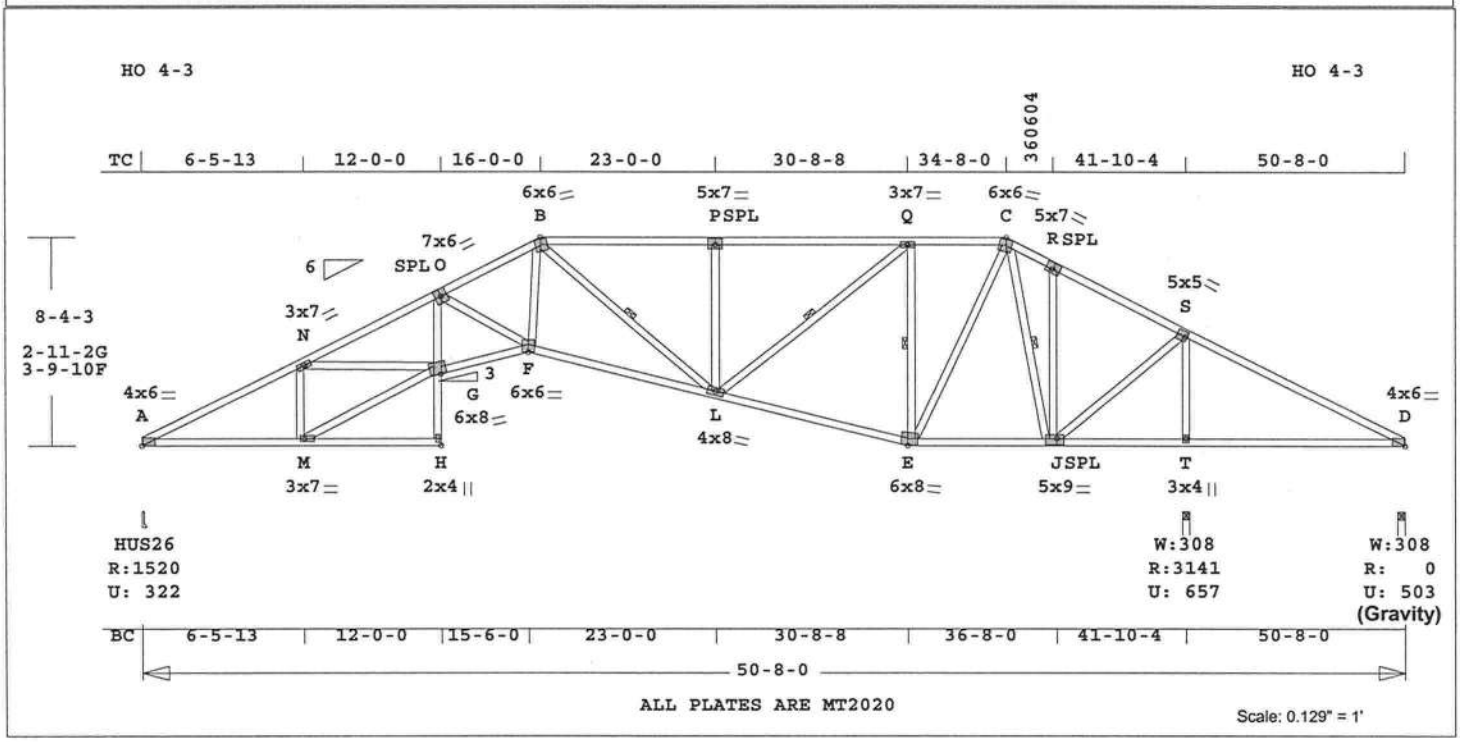
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30- 8- 8 50- 8- 0
Max comp. force 1751 Lbs
Max tens. force 1634 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
LDM-MEGAN	A13	1	SP	500800	6	0	0	T3912563

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 378.5 LBS

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Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

     CSI -Size- ----Lumber----
TC  0.86  2x 4  SP-#1
--  0.65  2x 4  SP-#2
    A -O   O -B   B -P   P -C
    C -R
BC  0.78  2x 4  SP-#2
CW  0.20  2x 4  SP-#2
WB  0.91  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 50- 8- 0
 BC  Cont.     0- 0- 0 50- 8- 0
One Continuous Lateral Brace
  B -L   L -Q   E -Q   C -J
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   1520   323 U   215 R
T   3142   657 U
D           503 G   213 R
G = Gravity Uplift

Jt   Brg Size    Required
A       3.5"        1.8"
T       3.5"        3.3"
D       3.5"        1.5"

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -N  0.51  2790 C  0.20  0.31
N -O  0.60  4427 C  0.29  0.31
O -B  0.45  3865 C  0.27  0.18
B -P  0.65  2289 C  0.03  0.62
P -Q  0.65  2289 C  0.03  0.62
Q -C  0.36  1092 C  0.00  0.36
C -R  0.19   603 T  0.00  0.19
R -S  0.62   460 T  0.00  0.62
S -D  0.86  1735 T  0.24  0.62
--------Bottom Chords---------
A -M  0.49  2497 T  0.41  0.08
M -H  0.18    33 T  0.00  0.18
G -F  0.78  4095 T  0.68  0.10
F -L  0.72  3335 T  0.55  0.17
L -E  0.47  1140 T  0.11  0.36
E -J  0.38   510 T  0.08  0.30
J -T  0.51  1532 C  0.07  0.44
T -D  0.75  1532 C  0.07  0.68
----------Chord-Webs----------
H -G  0.20    89 T  0.00  0.20
G -O  0.13   303 T  0.05  0.08
------------Webs-------------
M -N  0.20  1172 C
M -G  0.85  2783 T
N -G  0.27  1458 T
O -F  0.16   567 C
F -B  0.40  2215 T
B -L  0.43  1236 C        1 Br
L -P  0.29   505 C
L -Q  0.27  1499 T        1 Br
E -Q  0.34  1280 C        1 Br
E -C  0.75  1310 T
C -J  0.31  1142 C        1 Br
J -R  0.17   284 T
J -S  0.55  2326 T
T -S  0.91  2916 C

TL Defl  -0.33" in T -D  L/301
LL Defl  -0.14" in T -D  L/742
Hz Disp   LL      DL      TL
  Jt T   0.16"   0.23"   0.39"
Shear // Grain  in S -D   0.35

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 0.74
N  MT20  3.0x 7.0 Ctr Ctr 0.55
O  MT20  7.0x 6.0 Ctr Ctr 0.46
B  MT20  6.0x 6.0 0.4-3.8 0.97
P  MT20  5.0x 7.0 Ctr 0.5 0.39
Q  MT20  3.0x 7.0 Ctr Ctr 0.67
C  MT20  6.0x 6.0-0.4-3.8 0.54
R  MT20  5.0x 7.0 0.2 0.5 0.38
S  MT20  5.0x 5.0 Ctr Ctr 0.96
D  MT20  4.0x 6.0 Ctr 0.1 0.46
M  MT20  3.0x 7.0 1.5 Ctr 0.89
H  MT20  2.0x 4.0 Ctr Ctr 0.58
G  MT20  6.0x 8.0 Ctr 0.9 0.96
F  MT20  6.0x 6.0 Ctr-0.6 0.89
L  MT20  4.0x 8.0 Ctr Ctr 0.72
E  MT20  6.0x 8.0 0.9 3.5 0.78
J  MT20  5.0x 9.0-1.0-0.5 0.78
T  MT20  3.0x 4.0 Ctr Ctr 0.84

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007

  TPI 2002
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
Design checked for 10 psf non-
  concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 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---
           41-10- 4    50- 8- 0
Max comp. force      4427 Lbs
Max tens. force      4095 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
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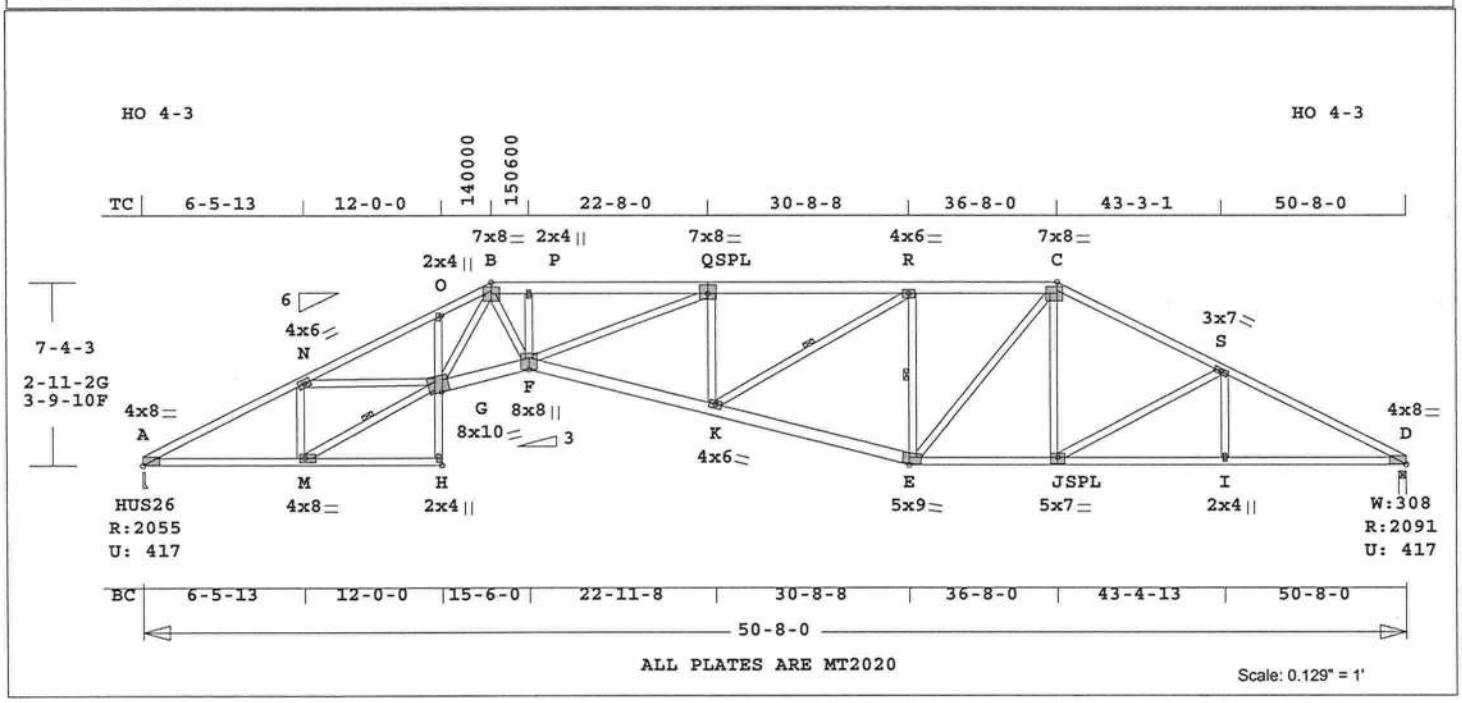
THOMAS A. ALBANI LICENSE No 39380 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
LDM-MEGAN	A14	1	SP	500800	6	0	0	T3912564

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 396.8 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.95	2x 4	SP-#1
--	0.54	2x 6	SP-#2
	B -Q	Q -C	
--	0.68	2x 4	SP-#2
	C -D		
BC	0.89	2x 6	SP-#2
--	0.76	2x 4	SP-#2
	A -H	E -J	J -D
CW	0.39	2x 4	SP-#2
WB	0.89	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
M -G K -R E -R
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	2055	417 U	186 R
D	2092	417 U	185 R

Jt	Brg Size	Required
A	3.5"	2.4"
D	3.5"	2.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -N	0.45	3935 C	0.20 0.25
N -O	0.95	6854 C	0.53 0.42
O -B	0.46	6837 C	0.37 0.09
B -P	0.36	7238 C	0.34 0.02
P -Q	0.54	7238 C	0.22 0.32
Q -R	0.42	5328 C	0.25 0.17
R -C	0.32	3648 C	0.18 0.14
C -S	0.65	3401 C	0.23 0.42
S -D	0.68	3961 C	0.26 0.42
Bottom Chords			
A -M	0.74	3514 T	0.59 0.15
M -H	0.16	63 T	0.00 0.16
G -F	0.89	6032 T	0.73 0.16
F -K	0.77	5487 T	0.66 0.11
K -E	0.53	3782 T	0.46 0.07
E -J	0.67	3036 T	0.50 0.17
J -I	0.76	3540 T	0.59 0.17
I -D	0.70	3540 T	0.59 0.11
Chord-Webs			
H -G	0.39	92 T	0.00 0.39
G -O	0.04	311 T	0.04 0.00
Webs			
M -N	0.30	1762 C	
M -G	0.72	3922 T	1 Br
N -G	0.50	2609 T	
G -B	0.16	580 T	
B -F	0.51	2764 T	
F -P	0.03	217 T	
F -Q	0.89	2048 T	
K -Q	0.43	1255 C	
K -R	0.35	1944 T	1 Br
E -R	0.30	1489 C	1 Br
E -C	0.58	951 T	
J -C	0.11	470 T	
J -S	0.51	563 C	
I -S	0.04	275 T	

TL Defl -1.42" in F -K L/424
LL Defl -0.58" in F -K L/999

Hz Disp	LL	DL	TL
Jt D	0.29"	0.41"	0.70"

Shear // Grain in C -S 0.27

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

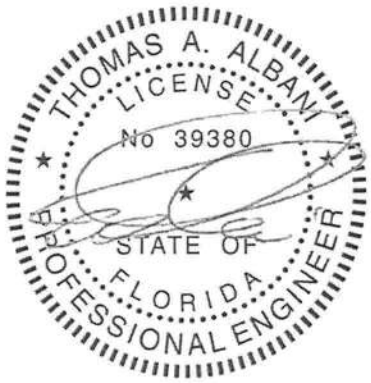
Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 8.0	0.8	0.3	0.86
N	MT20	4.0x 6.0	Ctr	Ctr	0.89
O	MT20	2.0x 4.0	Ctr	Ctr	0.29
B	MT20	7.0x 8.0	Ctr-1.6		0.82
P	MT20	2.0x 4.0	Ctr	Ctr	0.34
Q	MT20	7.0x 8.0	Ctr	0.8	0.46
R	MT20	4.0x 6.0	Ctr	Ctr	0.72
C	MT20	7.0x 8.0	0.5	Ctr	0.67
S	MT20	3.0x 7.0	Ctr	Ctr	0.24
D	MT20	4.0x 8.0	-0.8	0.3	0.87
M	MT20	4.0x 8.0	1.5	Ctr	0.88
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	8.0x10.0	Ctr	0.9	0.74
F	MT20	8.0x 8.0	Ctr-1.7		0.98
K	MT20	4.0x 6.0	Ctr	Ctr	0.70
E	MT20	5.0x 9.0	1.4	3.0	0.72
J	MT20	5.0x 7.0	Ctr-0.5		0.70
I	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 7238 Lbs
Max tens. force 6032 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

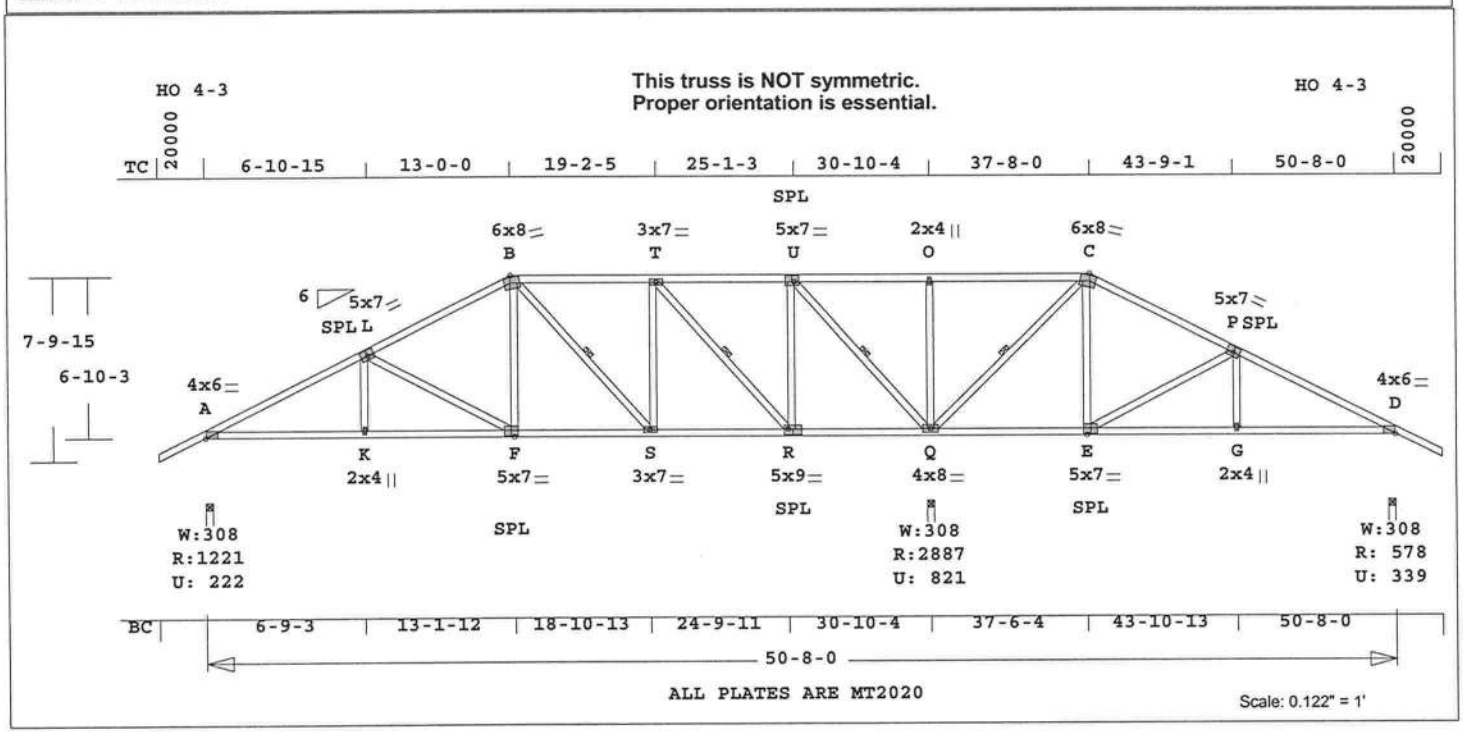


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A15	1	HIPP	500800	6	2- 0- 0	2- 0- 0	T3912565

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 367.9 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	Size	Lumber
TC	0.64	2x 4	SP-#2
BC	0.42	2x 4	SP-#2
WB	0.57	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
B -S T -R U -Q Q -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	1221	223 U	173 R
Q	2887	822 U	
D	579	340 U	172 R

Jt	Brg Size	Required
A	3.5"	1.5"
Q	3.5"	3.1"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -L	0.51	1840 C	0.11	0.40
L -B	0.48	1281 C	0.08	0.40
B -T	0.36	917 C	0.00	0.36
T -U	0.36	215 C	0.00	0.36
U -O	0.64	1068 T	0.17	0.47
O -C	0.64	1068 T	0.17	0.47
C -P	0.46	373 T	0.04	0.42
P -D	0.54	957 T	0.12	0.42
Bottom Chords				
A -K	0.40	1651 T	0.27	0.13
K -F	0.42	1651 T	0.27	0.15
F -S	0.38	1134 T	0.19	0.19
S -R	0.34	917 T	0.15	0.19
R -Q	0.27	359 T	0.02	0.25
Q -E	0.25	278 C	0.00	0.25
E -G	0.29	763 C	0.04	0.25
G -D	0.29	763 C	0.04	0.25
Webs				
K -L	0.04	269 T		
L -F	0.45	579 C		
F -B	0.10	468 T		
B -S	0.10	321 C		1 Br
S -T	0.11	453 T		
T -R	0.35	1131 C		1 Br
R -U	0.23	1040 T		
U -Q	0.57	1837 C		1 Br
Q -O	0.28	427 C		
Q -C	0.45	1308 C		1 Br
E -C	0.43	658 C		
E -P	0.49	854 T		
G -P	0.05	292 C		

TL Defl -0.18" in F -S L/999
LL Defl -0.09" in F -S L/999
Shear // Grain in O -C 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	0.1	0.48
L	MT20	5.0x 7.0	-0.2	0.5	0.38
B	MT20	6.0x 8.0	0.9	-3.8	0.41
T	MT20	3.0x 7.0	Ctr	Ctr	0.45
U	MT20	5.0x 7.0	Ctr	0.5	0.70
O	MT20	2.0x 4.0	Ctr	Ctr	0.34
C	MT20	6.0x 8.0	-0.9	-3.8	0.56
P	MT20	5.0x 7.0	0.2	0.5	0.38
D	MT20	4.0x 6.0	Ctr	0.1	0.36
K	MT20	2.0x 4.0	Ctr	Ctr	0.34
F	MT20	5.0x 7.0	Ctr	-0.5	0.39
S	MT20	3.0x 7.0	Ctr	Ctr	0.24
R	MT20	5.0x 9.0	Ctr	-0.5	0.46
Q	MT20	4.0x 8.0	Ctr	Ctr	0.73
E	MT20	5.0x 7.0	Ctr	-0.5	0.39
G	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

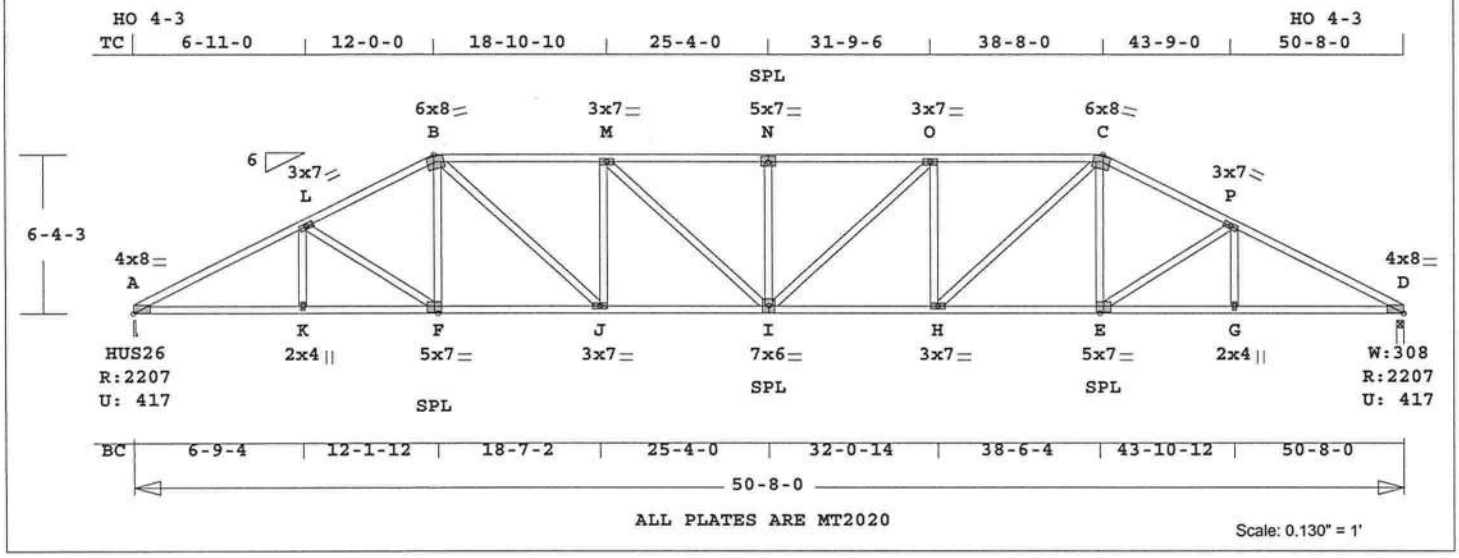
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30-10- 4 50- 8- 0
Max comp. force 1840 Lbs
Max tens. force 1651 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A16	1	HIPP	500800	6	0	0	T3912566

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 351.0 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.75	2x 4	SP-#2
BC	0.95	2x 4	SP-#2
WB	0.70	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 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	2208	417 U	160 R
D	2207	417 U	160 R

Jt	Brg Size	Required
A	3.5"	2.6"
D	3.5"	2.6"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -L	0.68	4215 C	0.28	0.40
L -B	0.53	3818 C	0.24	0.29
B -M	0.75	4435 C	0.28	0.47
M -N	0.58	4728 C	0.15	0.43
N -O	0.57	4728 C	0.15	0.42
O -C	0.75	4435 C	0.28	0.47
C -P	0.53	3817 C	0.24	0.29
P -D	0.68	4215 C	0.28	0.40
Bottom Chords				
A -K	0.77	3762 T	0.63	0.14
K -F	0.80	3762 T	0.63	0.17
F -J	0.78	3415 T	0.57	0.21
J -I	0.95	4436 T	0.74	0.21
I -H	0.95	4436 T	0.74	0.21
H -E	0.78	3415 T	0.57	0.21
E -G	0.80	3762 T	0.63	0.17
G -D	0.77	3762 T	0.63	0.14
Webs				
K -L	0.03	216 T		
L -F	0.24	403 C		
F -B	0.08	422 T		
B -J	0.70	1377 T		
J -M	0.39	694 C		
M -I	0.24	397 T		
I -N	0.21	380 C		
I -O	0.24	397 T		
H -O	0.39	694 C		
H -C	0.70	1377 T		
E -C	0.08	422 T		
E -P	0.24	403 C		
G -P	0.03	216 T		

TL Defl -1.07" in J -I L/562
LL Defl -0.49" in J -I L/999
Shear // Grain in B -M 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 8.0	0.8	0.3	0.92
L	MT20	3.0x 7.0	Ctr	Ctr	0.26
B	MT20	6.0x 8.0	0.9	-3.8	0.75
M	MT20	3.0x 7.0	Ctr	Ctr	0.23
N	MT20	5.0x 7.0	Ctr	0.5	0.49
O	MT20	3.0x 7.0	Ctr	Ctr	0.23
C	MT20	6.0x 8.0	-0.9	-3.8	0.75
P	MT20	3.0x 7.0	Ctr	Ctr	0.26
D	MT20	4.0x 8.0	-0.8	0.3	0.92
K	MT20	2.0x 4.0	Ctr	Ctr	0.34
F	MT20	5.0x 7.0	Ctr	-0.5	0.74
J	MT20	3.0x 7.0	Ctr	Ctr	0.65
I	MT20	7.0x 6.0	Ctr	Ctr	0.92
H	MT20	3.0x 7.0	Ctr	Ctr	0.65
E	MT20	5.0x 7.0	Ctr	-0.5	0.74
G	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007

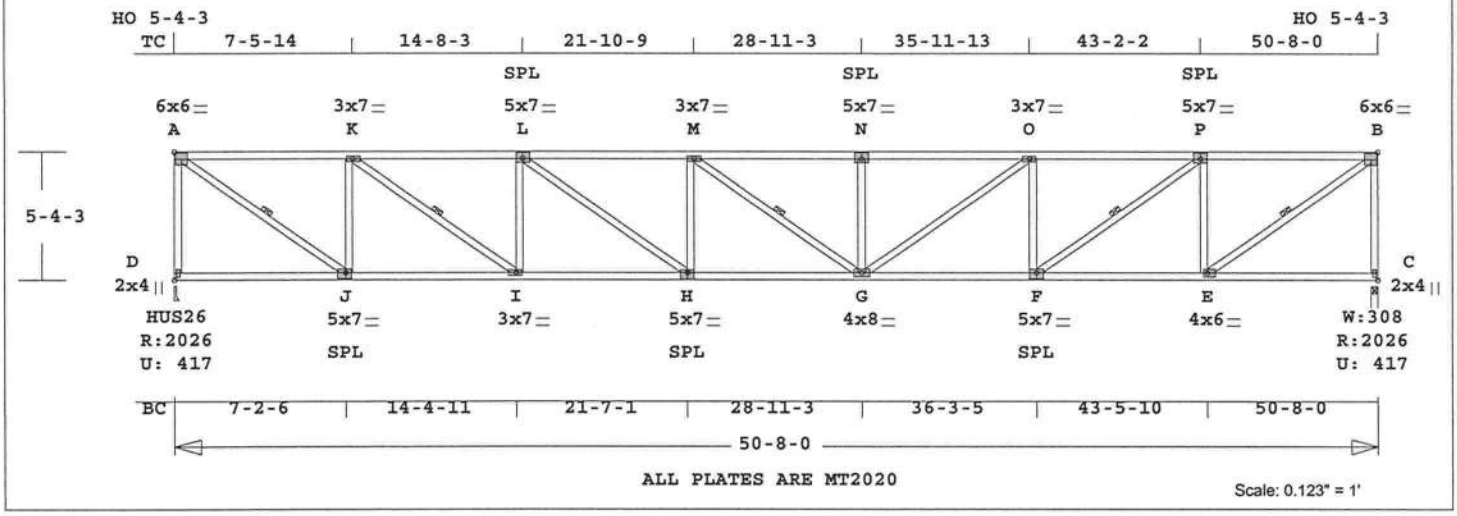
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 4728 Lbs
Max tens. force 4436 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A17	1	FLAT	500800	50403	0	0	T3912567

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 374.3 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.83	2x 4	SP-#2
--	0.58	2x 4	SP-#1
	A -L		
BC	0.82	2x 4	SP-#2
--	0.75	2x 4	SP-#1
	H -F		
WB	0.77	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
A -J K -I M -G F -P
E -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-
D	2027	417 U	165 R
C	2027	417 U	165 R

Jt	Brg Size	Required
D	3.5"	2.4"
C	3.5"	2.4"

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

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -K	0.58	2538 C		0.10	0.48
K -L	0.55	4154 C		0.09	0.46
L -M	0.82	4977 C		0.36	0.46
M -N	0.75	4976 C		0.33	0.42
N -O	0.83	4976 C		0.36	0.47
O -P	0.68	4154 C		0.11	0.57
P -B	0.71	2539 C		0.11	0.60
Bottom Chords					
D -J	0.33	119 T		0.00	0.33
J -I	0.60	2538 T		0.42	0.18
I -H	0.82	4154 T		0.69	0.13
H -G	0.75	4977 T		0.65	0.10
G -F	0.64	4154 T		0.54	0.10
F -E	0.60	2539 T		0.42	0.18
E -C	0.33	119 T		0.00	0.33
Webs					
D -A	0.77	1965 C	WindLd		
A -J	0.57	3103 T			1 Br
J -K	0.63	1622 C			
K -I	0.36	1974 T			1 Br
I -L	0.39	996 C			
L -H	0.52	1006 T			
H -M	0.17	434 C			
M -G	0.02	79 T			1 Br
G -N	0.16	433 C			
G -O	0.52	1005 T			
F -O	0.39	995 C			
F -P	0.36	1974 T			1 Br
E -P	0.63	1622 C			
E -B	0.57	3103 T			1 Br
C -B	0.77	1965 C	WindLd		

TL Defl -1.18" in H -G L/509
LL Defl -0.47" in H -G L/999
Shear // Grain in A -K 0.33

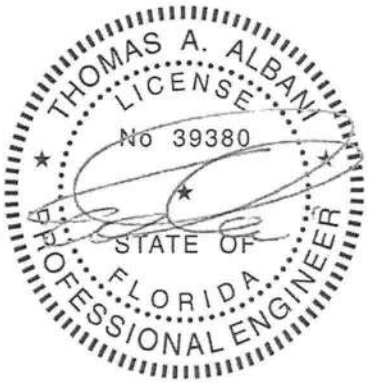
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	6.0x 6.0	Ctr	Ctr	0.82
K	MT20	3.0x 7.0	0.5	Ctr	0.80
L	MT20	5.0x 7.0	Ctr	0.5	0.49
M	MT20	3.0x 7.0	Ctr	Ctr	0.23
N	MT20	5.0x 7.0	Ctr	0.5	0.51
O	MT20	3.0x 7.0	Ctr	Ctr	0.43
P	MT20	5.0x 7.0	Ctr	0.5	0.64
B	MT20	6.0x 6.0	Ctr	Ctr	0.82
D	MT20	2.0x 4.0	Ctr	Ctr	0.77
J	MT20	5.0x 7.0	-0.5	-0.5	0.90
I	MT20	3.0x 7.0	-0.5	Ctr	0.80
H	MT20	5.0x 7.0	Ctr	-1.0	0.97
G	MT20	4.0x 8.0	Ctr	Ctr	0.50
F	MT20	5.0x 7.0	Ctr	-0.5	0.90
E	MT20	4.0x 6.0	1.0	Ctr	0.90
C	MT20	2.0x 4.0	Ctr	Ctr	0.77

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Provide drainage to prevent water ponding.
This truss must be installed as shown. It cannot be installed upside-down.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 4977 Lbs
Max tens. force 4977 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

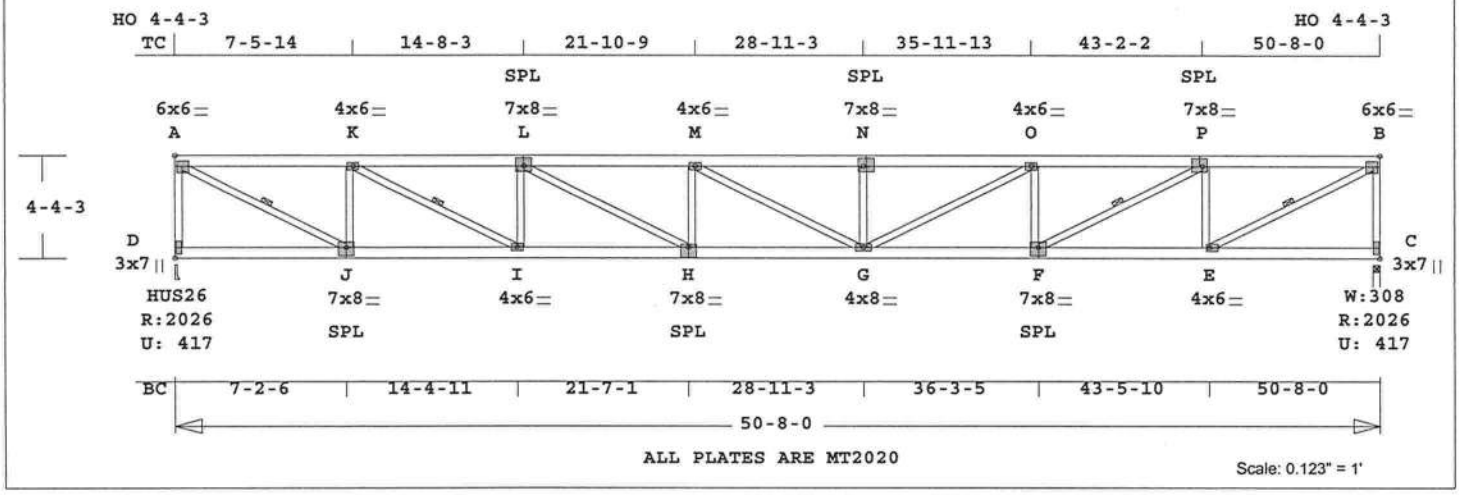


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A18	1	FLAT	500800	40403	0	0	T3912568

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 440.9 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	Size	Lumber
TC	0.39	2x 6	SP-#2
BC	0.88	2x 6	SP-#2
WB	0.68	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
A -J K -I F -P E -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-
D	2027	417 U	123 R
C	2027	417 U	123 R

Jt	Brg Size	Required
D	3.5"	2.4"
C	3.5"	2.4"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -K	0.29	3280 C	0.14	0.15
K -L	0.38	5376 C	0.23	0.15
L -M	0.39	6442 C	0.28	0.11
M -N	0.39	6440 C	0.28	0.11
N -O	0.39	6440 C	0.28	0.11
O -P	0.38	5376 C	0.23	0.15
P -B	0.29	3280 C	0.14	0.15
Bottom Chords				
D -J	0.13	88 T	0.00	0.13
J -I	0.47	3280 T	0.39	0.08
I -H	0.75	5376 T	0.65	0.10
H -G	0.88	6442 T	0.78	0.10
G -F	0.75	5376 T	0.65	0.10
F -E	0.47	3280 T	0.39	0.08
E -C	0.13	88 T	0.00	0.13
Webs				
D -A	0.42	1959 C	WindLd	
A -J	0.68	3728 T	1 Br	
J -K	0.35	1615 C		
K -I	0.44	2382 T	1 Br	
I -L	0.21	994 C		
L -H	0.53	1211 T		
H -M	0.09	432 C		
M -G	0.10	103 T		
G -N	0.09	431 C		
G -O	0.53	1209 T		
F -O	0.21	993 C		
F -P	0.44	2383 T	1 Br	
E -P	0.35	1615 C		
E -B	0.68	3728 T	1 Br	
C -B	0.42	1959 C	WindLd	

TL Defl -1.30" in H -G L/463
LL Defl -0.52" in H -G L/999
Shear // Grain in A -K 0.21

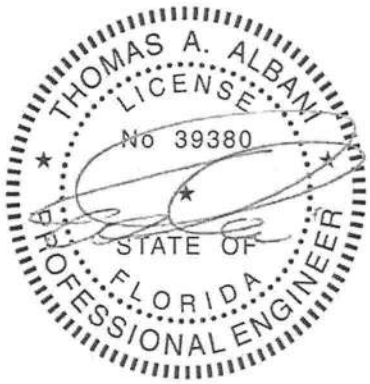
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	6.0x 6.0	0.4	-0.2	0.95
K	MT20	4.0x 6.0	Ctr	Ctr	0.87
L	MT20	7.0x 8.0	Ctr	0.8	0.43
M	MT20	4.0x 6.0	Ctr	Ctr	0.21
N	MT20	7.0x 8.0	Ctr	0.8	0.50
O	MT20	4.0x 6.0	Ctr	Ctr	0.44
P	MT20	7.0x 8.0	Ctr	0.8	0.46
B	MT20	6.0x 6.0	-0.4	-0.2	0.95
D	MT20	3.0x 7.0	Ctr	Ctr	0.37
J	MT20	7.0x 8.0	Ctr	-0.8	0.79
I	MT20	4.0x 6.0	Ctr	Ctr	0.87
H	MT20	7.0x 8.0	Ctr	-1.8	0.92
G	MT20	4.0x 8.0	Ctr	Ctr	0.59
F	MT20	7.0x 8.0	Ctr	-0.8	0.91
E	MT20	4.0x 6.0	1.5	Ctr	0.95
C	MT20	3.0x 7.0	Ctr	Ctr	0.37

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Provide drainage to prevent water ponding.
This truss must be installed as shown. It cannot be installed upside-down.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 6442 Lbs
Max tens. force 6442 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

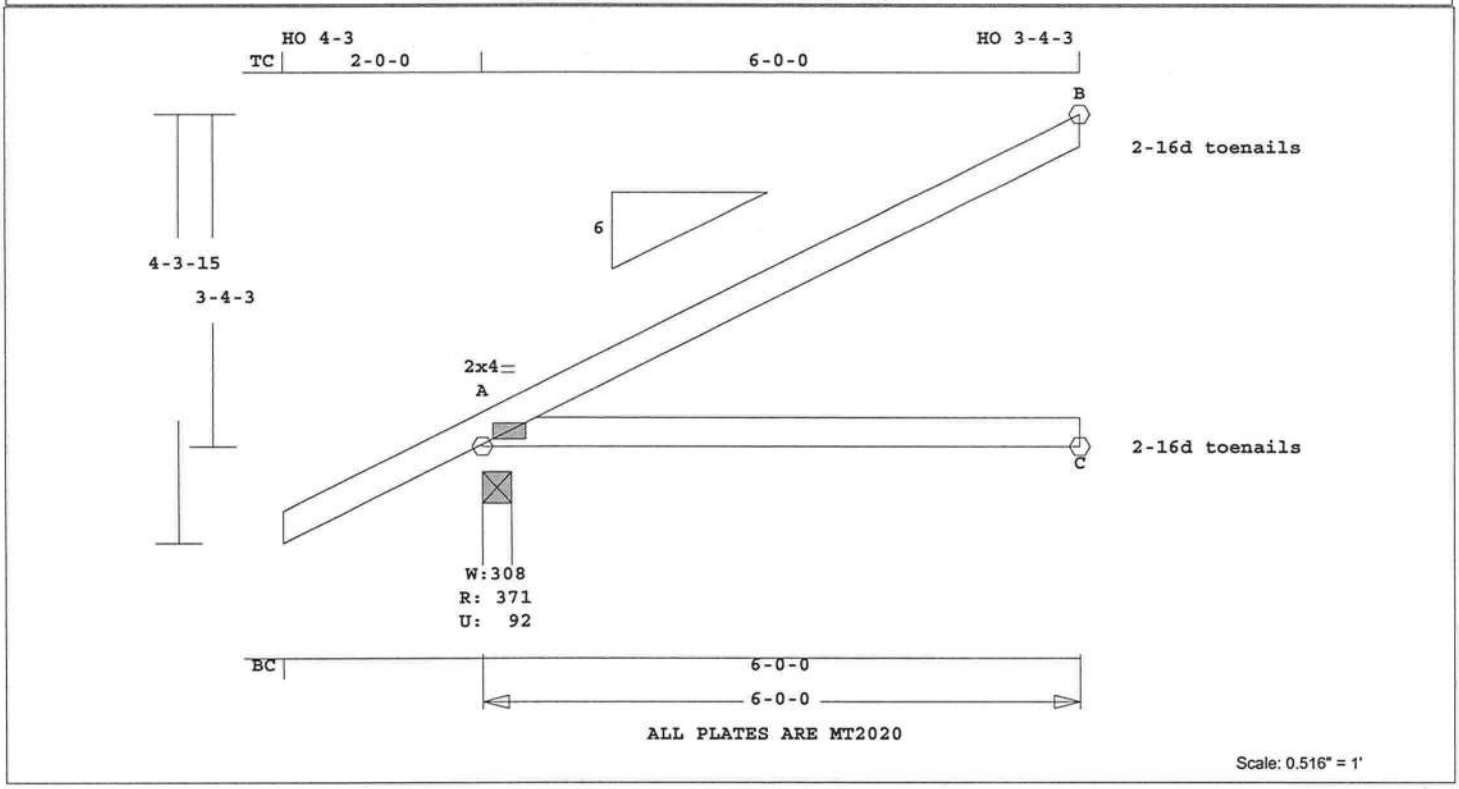


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	J2	25	JCA2	60000	6	2- 0- 0	0	T3912569

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 28.5 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.54	2x 4	SP-#2
BC	0.41	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	6- 0- 0
BC	Cont.	0- 0- 0	6- 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	372	92 U	310 R
C	113		
B	160	89 U	74 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -B	0.54	175 C	0.00 0.54
Bottom Chords			
A -C	0.41	0 T	0.00 0.41

TL Defl -0.10" in A -C L/666
LL Defl -0.04" in A -C L/999
Shear // Grain in A -B 0.31

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:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 175 Lbs
Max tens. force 47 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

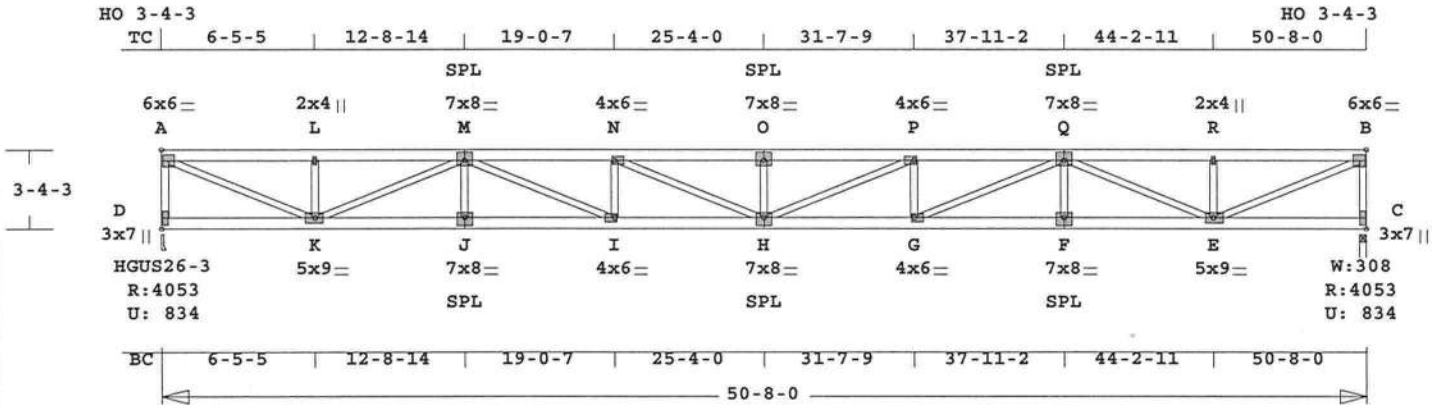
FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A19GIR	1*3P	FLAT	500800	30403	0	0	T3912570

MEAGAN HOLLOWAY

All loads must be equally distributed to each ply of the truss.



ALL PLATES ARE MT2020

Scale: 0.123" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 426.4 LBS

```
Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10
***************
* 3-Ply Truss *
***************

     CSI -Size- ----Lumber----
TC  0.30  2x 6  SP-#2
BC  0.75  2x 6  SP-#2
WB  0.52  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.    0- 0- 0 50- 8- 0
 BC  Cont.    0- 0- 0 50- 8- 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-
D   4053   835 U    90 R
C   4053   835 U    90 R

Jt   Brg Size   Required
D       3.5"       1.6"
C       3.5"       1.6"

LC#  1  Girder Loading
Dur Fctrs - Lbr 1.25  Plt 1.25
plf - Dead  Live* From    To
TC V    40    80   0.0'  50.7'
BC V    40     0   0.0'  50.7'

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -L  0.18   7805 C  0.11  0.07
L -M  0.18   7805 C  0.11  0.07
M -N  0.28  16485 C  0.23  0.05
N -O  0.30  17565 C  0.25  0.05
O -P  0.30  17565 C  0.25  0.05
P -Q  0.28  16485 C  0.23  0.05
Q -R  0.18   7806 C  0.11  0.07
R -B  0.18   7806 C  0.11  0.07
--------Bottom Chords---------
D -K  0.07     63 T  0.00  0.07
K -J  0.59  13212 T  0.53  0.06
J -I  0.61  13212 T  0.53  0.08
I -H  0.75  16485 T  0.66  0.09
H -G  0.75  16485 T  0.66  0.09
G -F  0.61  13212 T  0.53  0.08
F -E  0.59  13212 T  0.53  0.06
E -C  0.07     63 T  0.00  0.07
------------Webs-------------
D -A  0.12   3923 C WindLd
A -K  0.52   8589 T
K -L  0.03    834 C
K -M  0.31   5948 C
J -M  0.02    486 T
M -I  0.22   3601 T
I -N  0.04   1250 C
N -H  0.07   1188 T
H -O  0.02    749 C
H -P  0.07   1187 T
G -P  0.04   1250 C
G -Q  0.22   3601 T
F -Q  0.02    486 T
Q -E  0.31   5949 C
E -R  0.03    835 C
E -B  0.52   8589 T
C -B  0.12   3923 C WindLd

TL Defl  -1.43" in I -H  L/418
LL Defl  -0.57" in I -H  L/999
Shear // Grain  in A -L   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  6.0x 6.0 Ctr Ctr 0.83
L  MT20  2.0x 4.0 Ctr Ctr 0.20
M  MT20  7.0x 8.0 Ctr 0.8 0.77
N  MT20  4.0x 6.0 Ctr Ctr 0.14
O  MT20  7.0x 8.0 Ctr 0.8 0.45
P  MT20  4.0x 6.0 Ctr Ctr 0.14
Q  MT20  7.0x 8.0 Ctr 0.8 0.77
R  MT20  2.0x 4.0 Ctr Ctr 0.20
B  MT20  6.0x 6.0 Ctr Ctr 0.83
D  MT20  3.0x 7.0 Ctr Ctr 0.25
K  MT20  5.0x 9.0-0.5 Ctr 0.85
J  MT20  7.0x 8.0 Ctr-0.8 0.74
I  MT20  4.0x 6.0 Ctr Ctr 0.43
H  MT20  7.0x 8.0 Ctr-0.8 0.99
G  MT20  4.0x 6.0 Ctr Ctr 0.43
F  MT20  7.0x 8.0 Ctr-0.8 0.74
E  MT20  5.0x 9.0 0.5 Ctr 0.85
C  MT20  3.0x 7.0 Ctr Ctr 0.25

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

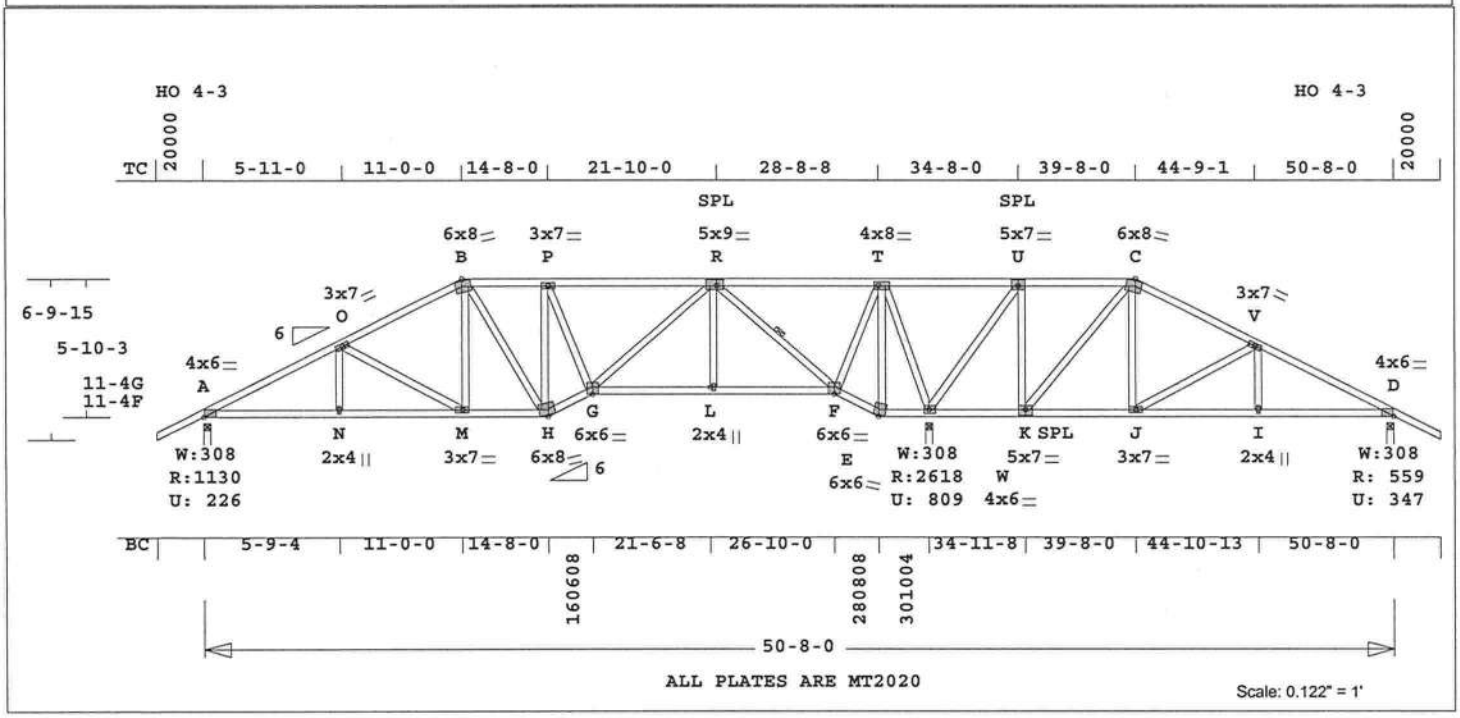
NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
Girder    Common
  Loading TC and BC
  Span     6- 0- 0
3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
  pattern.  (1/2" bolts -OR-
  SDS4.5 screws -OR- 16d nails
  as each layer is applied.)
                ----Spacing (In)----
    Rows  Nails  Screws  Bolts
  TC  2    12     24       0
  BC  2    12     24       0
  WB  1     8      8
Web Connection Exception --
Space screws or nails for the
following webs-
    K -M  @ 4" o.c.
    Q -E  @ 4" o.c.
  No bolts in 2x4s or smaller.
Design checked for 10 psf non-
  concurrent LL on BC.
Provide drainage to prevent
  water ponding.
Use properly rated hangers for
  loads framing into girder
  truss.
This truss must be installed
  as shown. It cannot be
  installed upside-down.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 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    17565 Lbs
Max tens. force    16485 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A20	1	SP	500800	6	2- 0- 0	2- 0- 0	T3912571

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 386.6 LBS

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Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

     CSI -Size- ----Lumber----
TC  0.62  2x 4  SP-#2
BC  0.33  2x 4  SP-#2
WB  0.90  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 50- 8- 0
 BC  Cont.     0- 0- 0 50- 8- 0
One Continuous Lateral Brace
  R -F
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   1131   227 U   146 R
W   2619   810 U
D    560   348 U   145 R

Jt   Brg Size    Required
A       3.5"        1.5"
W       3.5"        2.8"
D       3.5"        1.5"

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -O  0.41  1703 C  0.12  0.29
O -B  0.38  1240 C  0.09  0.29
B -P  0.32  1099 C  0.00  0.32
P -R  0.50  1177 C  0.00  0.50
R -T  0.58   480 T  0.08  0.50
T -U  0.62  1302 T  0.21  0.41
U -C  0.37   559 T  0.09  0.28
C -V  0.37   586 T  0.07  0.30
V -D  0.44  1078 T  0.14  0.30
--------Bottom Chords---------
A -N  0.33  1526 T  0.25  0.08
N -M  0.33  1526 T  0.25  0.08
M -H  0.26  1098 T  0.18  0.08
H -G  0.33  1231 T  0.20  0.13
G -L  0.23   666 T  0.11  0.12
L -F  0.32   666 T  0.11  0.21
F -E  0.18   878 C  0.00  0.18
E -W  0.17   772 C  0.09  0.08
W -K  0.11   559 C  0.03  0.08
K -J  0.12   298 C  0.00  0.12
J -I  0.21   883 C  0.04  0.17
I -D  0.21   883 C  0.04  0.17

----------Webs----------
N -O  0.03   221 T
O -M  0.26   480 C
M -B  0.07   368 T
B -H  0.05    96 C
H -P  0.23   507 C
P -G  0.03   195 T
G -R  0.28   674 T
L -R  0.03   222 T
R -F  0.31  1514 C        1 Br
F -T  0.13   717 T
E -T  0.14   438 T
T -W  0.83  1584 C
W -U  0.90  1273 C
K -U  0.34   729 C
K -C  0.64   821 C
J -C  0.25   538 C
J -V  0.29   728 T
I -V  0.03   249 C

TL Defl  -0.19" in G -L  L/999
LL Defl  -0.07" in G -L  L/999
Hz Disp    LL      DL      TL
  Jt D   0.03"   0.04"   0.06"
Shear // Grain  in P -R   0.29

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 0.45
O  MT20  3.0x 7.0 Ctr Ctr 0.24
B  MT20  6.0x 8.0 0.9-3.8 0.43
P  MT20  3.0x 7.0 Ctr Ctr 0.35
R  MT20  5.0x 9.0-1.0 0.5 0.42
T  MT20  4.0x 8.0 Ctr Ctr 0.53
U  MT20  5.0x 7.0 Ctr 0.5 0.40
C  MT20  6.0x 8.0-0.9-3.8 0.41
V  MT20  3.0x 7.0 Ctr Ctr 0.29
D  MT20  4.0x 6.0 Ctr 0.1 0.36
N  MT20  2.0x 4.0 Ctr Ctr 0.34
M  MT20  3.0x 7.0 Ctr Ctr 0.23
H  MT20  6.0x 8.0-0.9 3.8 0.43
G  MT20  6.0x 6.0 Ctr-0.5 0.35
L  MT20  2.0x 4.0 Ctr Ctr 0.34
F  MT20  6.0x 6.0 Ctr-0.5 0.38
E  MT20  6.0x 6.0 0.9 3.6 0.33
W  MT20  4.0x 6.0 0.4 Ctr 0.51
K  MT20  5.0x 7.0 Ctr-0.5 0.39
J  MT20  3.0x 7.0 Ctr Ctr 0.24
I  MT20  2.0x 4.0 Ctr Ctr 0.34

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007

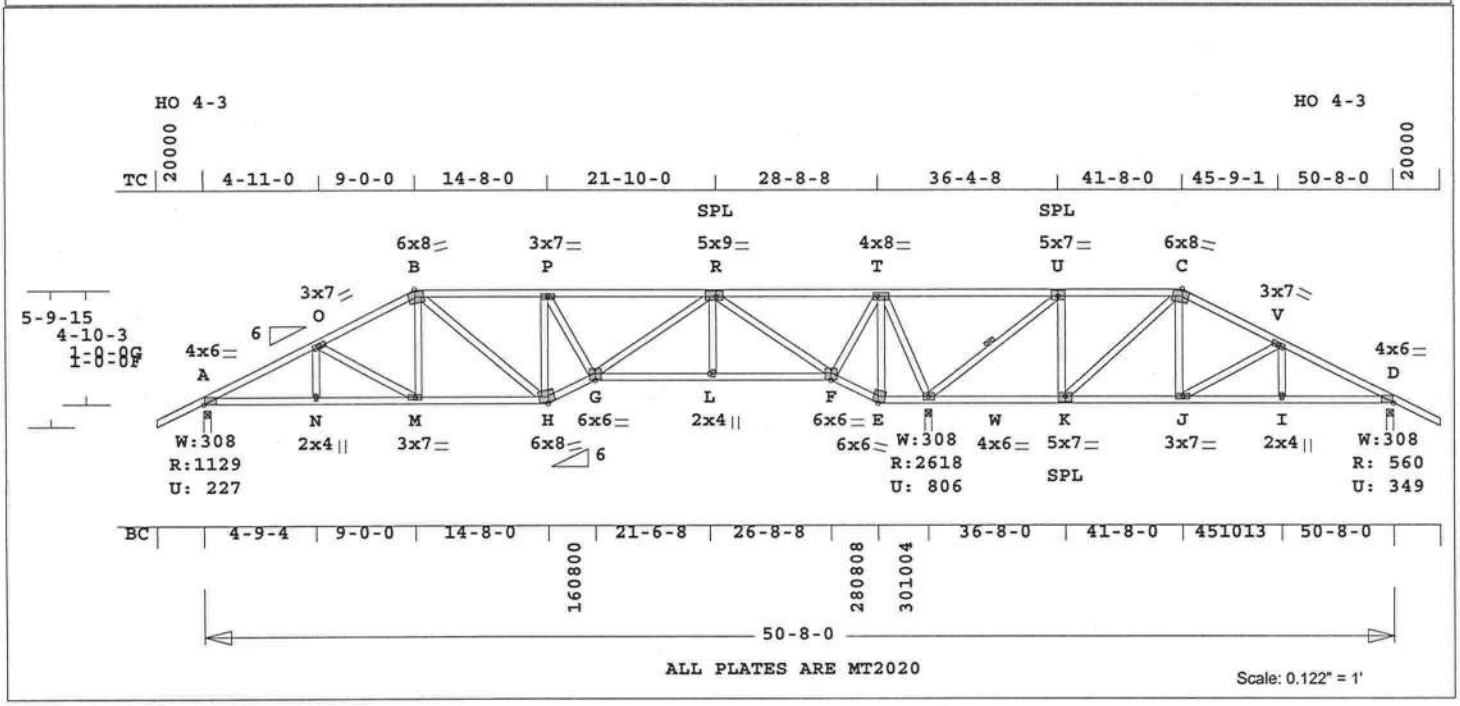
  TPI 2002
OH Loading
  Soffit psf 2.0
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
Design checked for 10 psf non-
  concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 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---
           30-10- 4    50- 8- 0
Max comp. force     1703 Lbs
Max tens. force     1526 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A21	1	SP	500800	6	2- 0- 0	2- 0- 0	T3912572

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 361.1 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	Size	Lumber
TC	0.81	2x 4	SP-#2
BC	0.45	2x 4	SP-#2
WB	1.00	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
W -U
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	1130	228 U	119 R
W	2619	807 U	
D	561	350 U	118 R

Jt	Brg Size	Required
A	3.5"	1.5"
W	3.5"	2.8"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -O	0.30	1737 C	0.12	0.18
O -B	0.28	1412 C	0.10	0.18
B -P	0.40	1347 C	0.01	0.39
P -R	0.45	1518 C	0.01	0.44
R -T	0.64	586 T	0.09	0.55
T -U	0.81	1587 T	0.26	0.55
U -C	0.51	385 T	0.06	0.45
C -V	0.28	784 T	0.10	0.18
V -D	0.33	1162 T	0.15	0.18
Bottom Chords				
A -N	0.31	1550 T	0.26	0.05
N -M	0.37	1550 T	0.26	0.11
M -H	0.33	1260 T	0.21	0.12
H -G	0.45	1506 T	0.25	0.20
G -L	0.27	848 T	0.14	0.13
L -F	0.40	848 T	0.14	0.26
F -E	0.22	1058 C	0.00	0.22
E -W	0.23	930 C	0.09	0.14
W -K	0.17	454 C	0.00	0.17
K -J	0.16	462 C	0.01	0.15
J -I	0.15	968 C	0.05	0.10
I -D	0.15	968 C	0.05	0.10

Webs			
N -O	0.02	152 T	
O -M	0.12	325 T	
M -B	0.05	340 T	
B -H	0.07	112 T	
H -P	0.20	655 C	
P -G	0.05	294 T	
G -R	0.25	807 T	
L -R	0.03	212 T	
R -F	1.00	1729 C	
F -T	0.12	653 T	
E -T	0.09	518 T	
T -W	0.62	1667 C	
W -U	0.35	1561 C	1 Br
K -U	0.17	569 C	
K -C	0.45	671 C	
J -C	0.14	451 C	
J -V	0.15	573 T	
I -V	0.02	193 C	

TL Defl -0.24" in M -H L/999
LL Defl -0.09" in G -L L/999

Hz Disp	LL	DL	TL
Jt D	0.03"	0.04"	0.07"

Shear // Grain in T -U 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	0.1	0.46
O	MT20	3.0x 7.0	Ctr	Ctr	0.24
B	MT20	6.0x 8.0	0.9	-3.8	0.43
P	MT20	3.0x 7.0	Ctr	Ctr	0.31
R	MT20	5.0x 9.0	-1.0	0.5	0.49
T	MT20	4.0x 8.0	Ctr	Ctr	0.57
U	MT20	5.0x 7.0	Ctr	0.5	0.44
C	MT20	6.0x 8.0	-0.9	-3.8	0.43
V	MT20	3.0x 7.0	Ctr	Ctr	0.24
D	MT20	4.0x 6.0	Ctr	0.1	0.36
N	MT20	2.0x 4.0	Ctr	Ctr	0.34
M	MT20	3.0x 7.0	Ctr	Ctr	0.23
H	MT20	6.0x 8.0	-0.9	3.8	0.43
G	MT20	6.0x 6.0	Ctr	-0.5	0.35
L	MT20	2.0x 4.0	Ctr	Ctr	0.34
F	MT20	6.0x 6.0	Ctr	-0.5	0.46
E	MT20	6.0x 6.0	0.9	3.6	0.33
W	MT20	4.0x 6.0	0.2	Ctr	0.53
K	MT20	5.0x 7.0	Ctr	-0.5	0.39
J	MT20	3.0x 7.0	Ctr	Ctr	0.23
I	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007

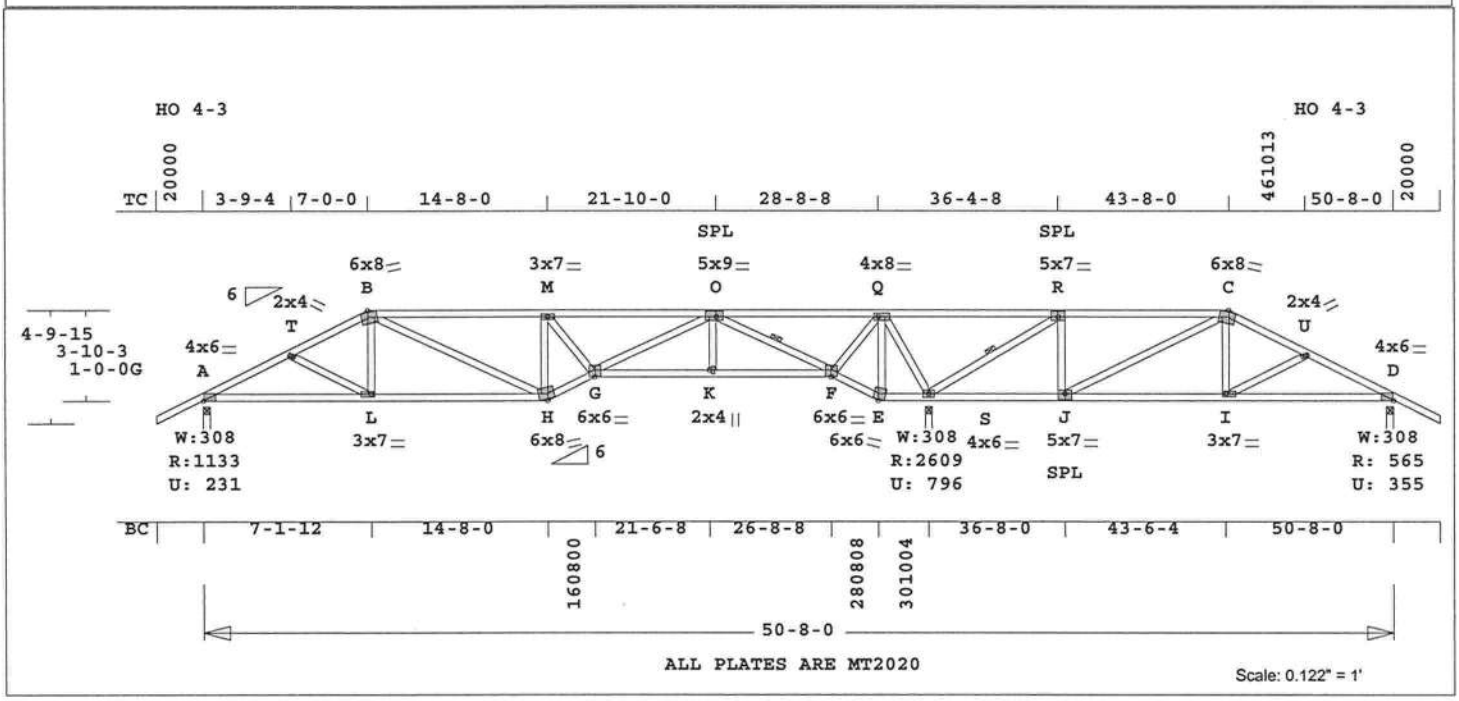
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30-10- 4 50- 8- 0
Max comp. force 1737 Lbs
Max tens. force 1587 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A22	1	SP	500800	6	2- 0- 0	2- 0- 0	T3912573

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 333.8 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.92	2x 4	SP-#2
BC	0.65	2x 4	SP-#2
WB	0.78	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 0

One Continuous Lateral Brace
O -F S -R
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	1133	232 U	92 R
S	2610	797 U	
D	566	356 U	91 R

Jt	Brg Size	Required
A	3.5"	1.5"
S	3.5"	2.8"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -T	0.23	1763 C	0.13	0.10
T -B	0.26	1607 C	0.01	0.25
B -M	0.52	1766 C	0.05	0.47
M -O	0.54	2160 C	0.03	0.51
O -Q	0.67	792 T	0.13	0.54
Q -R	0.92	2001 T	0.33	0.59
R -C	0.66	508 T	0.07	0.59
C -U	0.31	1029 T	0.13	0.18
U -D	0.30	1187 T	0.14	0.16
Bottom Chords				
A -L	0.49	1563 T	0.16	0.33
L -H	0.48	1450 T	0.15	0.33
H -G	0.65	1971 T	0.32	0.33
G -K	0.36	1198 T	0.20	0.16
K -F	0.53	1198 T	0.20	0.33
F -E	0.30	1323 C	0.01	0.29
E -S	0.22	1161 C	0.10	0.12
S -J	0.22	579 C	0.00	0.22
J -I	0.29	736 C	0.03	0.26
I -D	0.30	1009 C	0.04	0.26

Webs			
T -L	0.03	253 T	
L -B	0.05	336 T	
B -H	0.14	346 T	
H -M	0.17	881 C	
M -G	0.10	550 T	
G -O	0.27	1066 T	
K -O	0.03	205 T	
O -F	0.33	2205 C	1 Br
F -Q	0.10	557 T	
E -Q	0.12	656 T	
Q -S	0.44	1742 C	
S -R	0.36	1861 C	1 Br
J -R	0.09	551 T	
J -C	0.78	844 C	
I -C	0.07	412 C	
I -U	0.04	292 T	

TL Defl	-0.42"	in L -H	L/873
LL Defl	-0.15"	in L -H	L/999

Hz Disp	LL	DL	TL
Jt D	0.04"	0.06"	0.10"

Shear // Grain in R -C 0.32

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	0.46
T	MT20	2.0x 4.0	Ctr	Ctr	0.27
B	MT20	6.0x 8.0	0.9	-3.8	0.49
M	MT20	3.0x 7.0	Ctr	Ctr	0.30
O	MT20	5.0x 9.0	-1.0	0.5	0.64
Q	MT20	4.0x 8.0	Ctr	Ctr	0.62
R	MT20	5.0x 7.0	Ctr	0.5	0.53
C	MT20	6.0x 8.0	-0.9	-3.8	0.49
U	MT20	2.0x 4.0	Ctr	Ctr	0.29
D	MT20	4.0x 6.0	Ctr	0.1	0.36
L	MT20	3.0x 7.0	Ctr	Ctr	0.23
H	MT20	6.0x 8.0	-0.9	3.8	0.49
G	MT20	6.0x 6.0	Ctr	-0.5	0.46
K	MT20	2.0x 4.0	Ctr	Ctr	0.34
F	MT20	6.0x 6.0	Ctr	-0.5	0.63
E	MT20	6.0x 6.0	0.9	3.6	0.33
S	MT20	4.0x 6.0	Ctr	Ctr	0.62
J	MT20	5.0x 7.0	Ctr	-0.5	0.39
I	MT20	3.0x 7.0	Ctr	Ctr	0.23

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

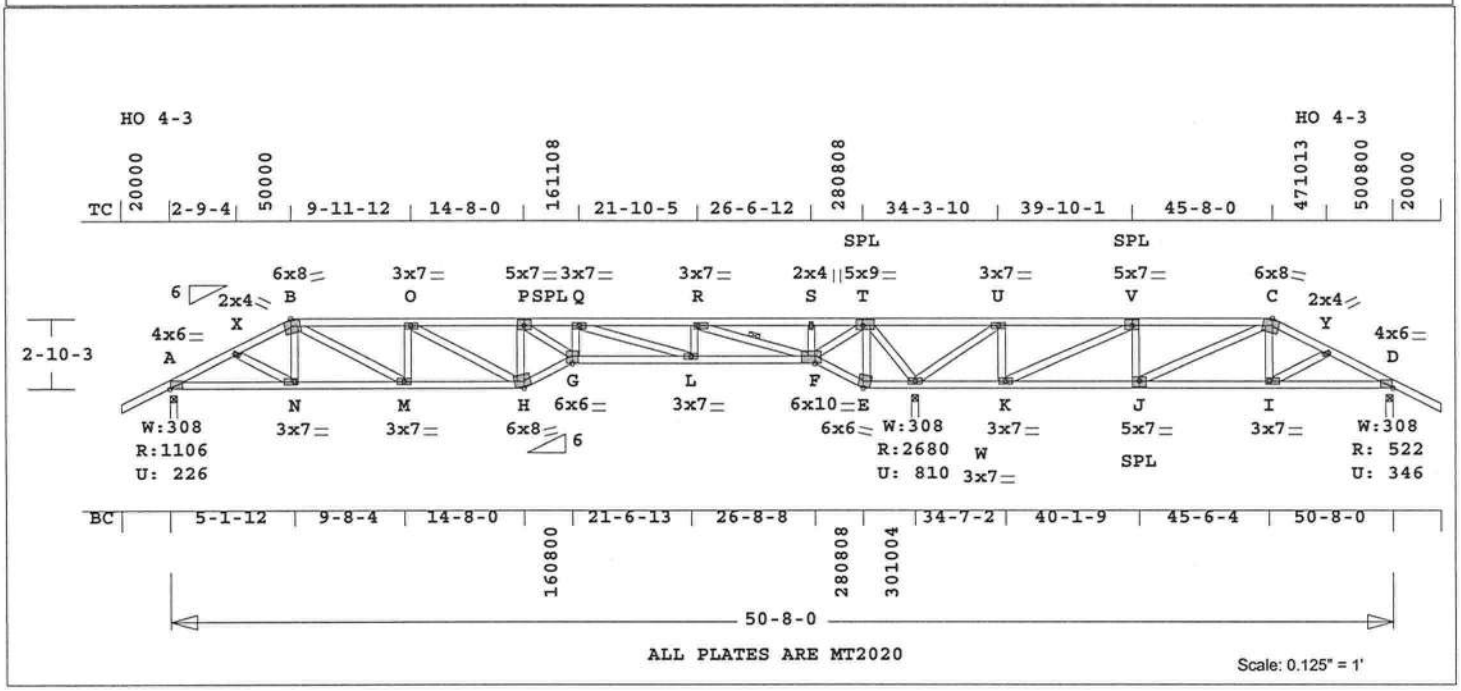
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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---
30-10- 4 50- 8- 0
Max comp. force 2205 Lbs
Max tens. force 2001 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	*A23*	1	SP	500800	6	2- 0- 0	2- 0- 0	*T3912574*

MEAGAN HOLLOWAY

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Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

     CSI -Size- ----Lumber----
TC  0.83  2x 4  SP-#2
BC  0.72  2x 4  SP-#2
WB  0.89  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 50- 8- 0
 BC  Cont.     0- 0- 0 50- 8- 0
One Continuous Lateral Brace
  R -F
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   1107   226 U    65 R
W   2680   811 U
D    523   347 U    64 R

Jt   Brg Size   Required
A       3.5"       1.5"
W       3.5"       2.9"
D       3.5"       1.5"

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -X  0.21  1732 C  0.13  0.08
X -B  0.18  1657 C  0.11  0.07
B -O  0.27  2244 C  0.15  0.12
O -P  0.26  2205 C  0.14  0.12
P -Q  0.26  3289 C  0.19  0.07
Q -R  0.26  1443 C  0.01  0.25
R -S  0.51  1614 T  0.27  0.24
S -T  0.51  1609 T  0.27  0.24
T -U  0.83  3127 T  0.52  0.31
U -V  0.58  1555 T  0.26  0.32
V -C  0.33   996 T  0.01  0.32
C -Y  0.26  1124 T  0.14  0.12
Y -D  0.22  1213 T  0.14  0.08
--------Bottom Chords---------
A -N  0.31  1525 T  0.25  0.06
N -M  0.32  1496 T  0.25  0.07
M -H  0.47  2244 T  0.37  0.10
H -G  0.72  2434 T  0.41  0.31
```

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 331.5 LBS

```
G -L  0.69  3262 T  0.54  0.15
L -F  0.69  1443 T  0.24  0.45
F -E  0.29  2223 C  0.03  0.26
E -W  0.22  1975 C  0.15  0.07
W -K  0.16  1555 C  0.05  0.11
K -J  0.17   793 C  0.00  0.17
J -I  0.21   865 C  0.04  0.17
I -D  0.17  1029 C  0.04  0.13
-------------Webs-------------
X -N  0.02   178 T
N -B  0.02   173 T
B -M  0.15   843 T
M -O  0.03   277 C
O -H  0.01    81 T
H -P  0.11   875 C
P -G  0.22  1231 T
G -Q  0.07   399 T
Q -L  0.75  1908 C
L -R  0.10   575 T
R -F  0.42  3181 C        1 Br
F -S  0.02   223 C
F -T  0.07   425 T
E -T  0.19  1052 T
T -W  0.32  1890 C
W -U  0.57  1923 C
K -U  0.14   766 T
K -V  0.89  1630 C
J -V  0.05   389 T
J -C  0.28   509 C
I -C  0.03   276 C
I -Y  0.02   169 T

TL Defl  -0.69" in H -G  L/529
LL Defl  -0.28" in H -G  L/999
Hz Disp   LL      DL      TL
  Jt W   0.06"   0.09"   0.15"
Shear // Grain  in V -C   0.25

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 0.46
X  MT20  2.0x 4.0 Ctr Ctr 0.31
B  MT20  6.0x 8.0 0.9-3.8 0.48
O  MT20  3.0x 7.0 Ctr Ctr 0.23
P  MT20  5.0x 7.0 Ctr 0.5 0.39
Q  MT20  3.0x 7.0 Ctr Ctr 0.75
R  MT20  3.0x 7.0 1.5 Ctr 0.90
S  MT20  2.0x 4.0 Ctr Ctr 0.34
T  MT20  5.0x 9.0 1.5 0.5 0.77
U  MT20  3.0x 7.0 Ctr Ctr 0.72
V  MT20  5.0x 7.0 Ctr 0.5 0.48
C  MT20  6.0x 8.0-0.9-3.8 0.50
Y  MT20  2.0x 4.0 Ctr Ctr 0.29
D  MT20  4.0x 6.0 Ctr 0.1 0.36
N  MT20  3.0x 7.0 Ctr Ctr 0.23
M  MT20  3.0x 7.0 Ctr Ctr 0.35
H  MT20  6.0x 8.0-0.9 3.8 0.48
G  MT20  6.0x 6.0 Ctr-0.5 0.64
L  MT20  3.0x 7.0 Ctr Ctr 0.75
F  MT20  6.0x10.0 Ctr-0.5 0.91
E  MT20  6.0x 6.0 0.9 3.6 0.37
W  MT20  3.0x 7.0 Ctr Ctr 0.76
K  MT20  3.0x 7.0 Ctr Ctr 0.63
J  MT20  5.0x 7.0 Ctr-0.5 0.39
I  MT20  3.0x 7.0 Ctr Ctr 0.23

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

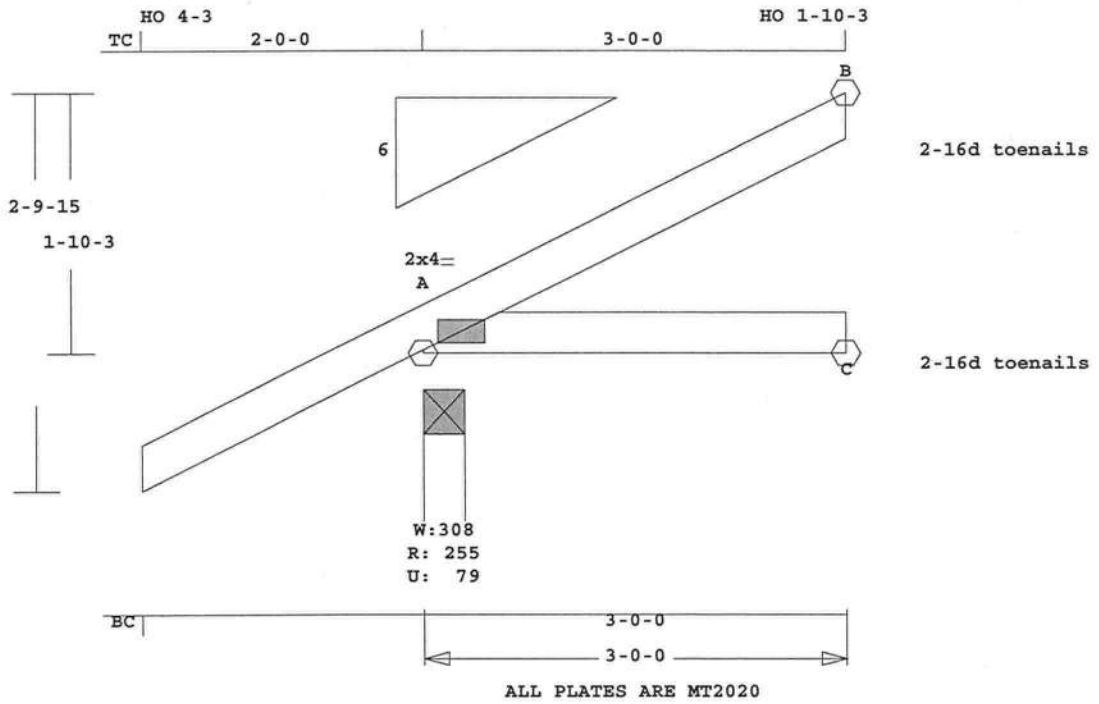
NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
OH Loading
  Soffit psf 2.0
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
Design checked for 10 psf non-
  concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 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---
           30-10- 4   50- 8- 0
Max comp. force     3289 Lbs
Max tens. force     3262 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	J4	24	JCA2	30000	6	2- 0- 0	0	T3912575

MEAGAN HOLLOWAY



Scale: 0.731" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 16.5 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.17	2x 4	SP-#2
BC	0.16	2x 4	SP-#2

Brace truss as follows:

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

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	255	80 U	202 R
C	55	27 U	
B	77	48 U	36 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.17	104 C	0.00 0.17
--------Bottom Chords---------			
A -C	0.16	0 T	0.00 0.16

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.18

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

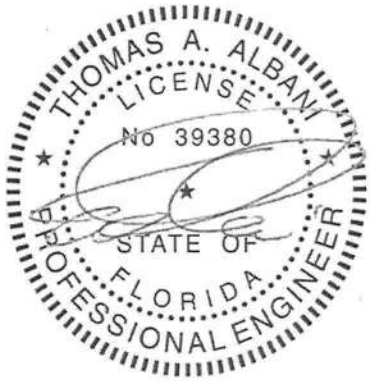
Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.65

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 3- 0- 0
Max comp. force 104 Lbs
Max tens. force 24 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

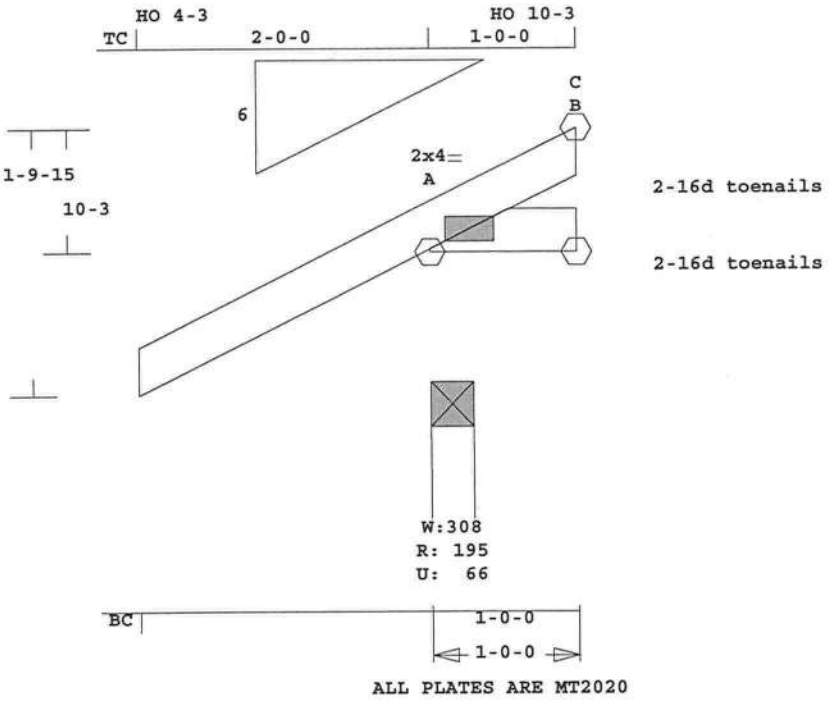


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	J5	12	JCA2	10000	6	2- 0- 0	0	T3912576

MEAGAN HOLLOWAY



ALL PLATES ARE MT2020

Scale: 0.758" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 8.5 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

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

Brace truss as follows:

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

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	196	67 U	67 R
B	12	13 U	
C	12	7 U	11 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.00	21 C	
--------Bottom Chords---------			
A -C	0.00	11 T	

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.03

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:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

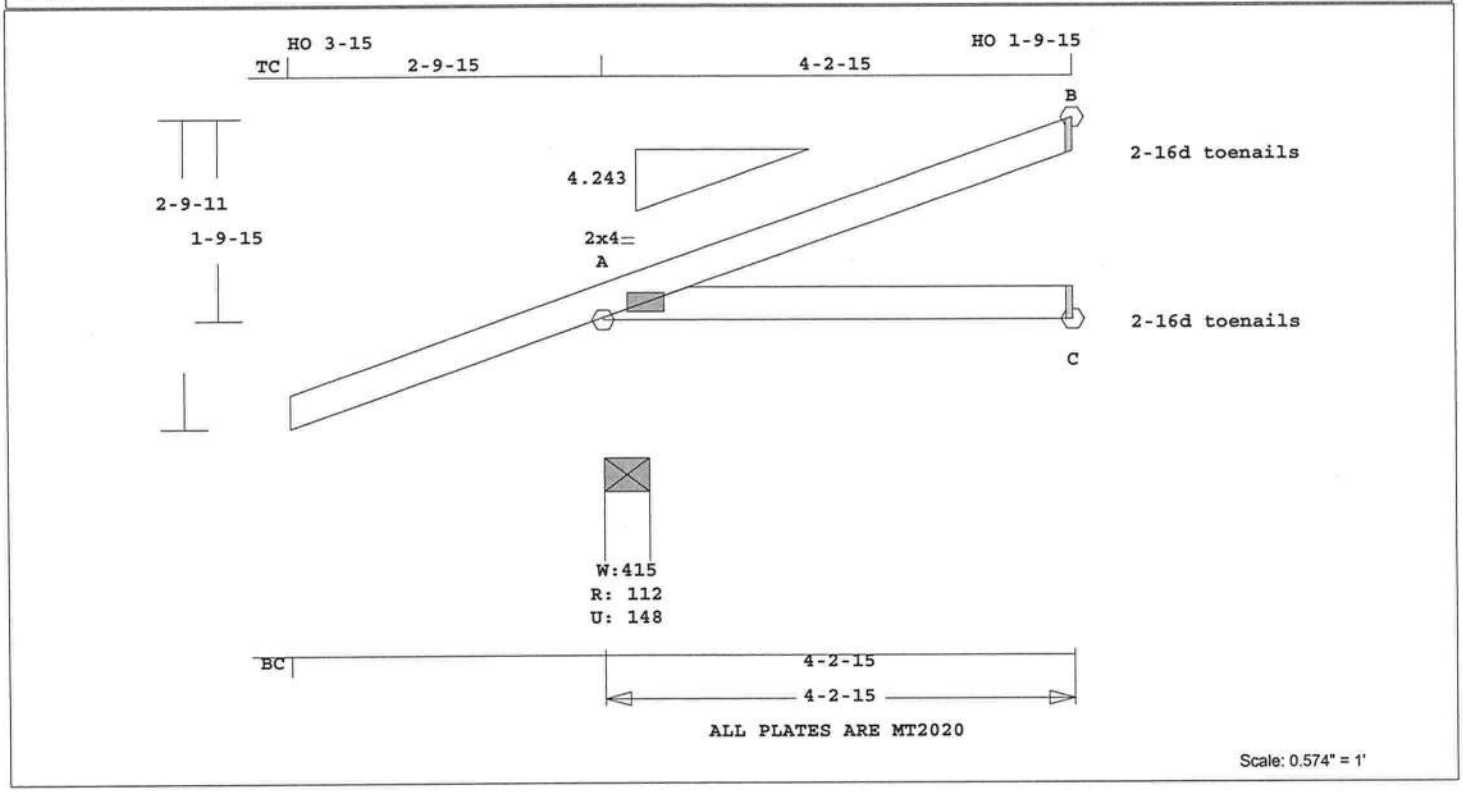
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 1- 0- 0
Max comp. force 21 Lbs
Max tens. force 11 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	CJ2	2	MONO.DD	40215	4.243	2- 9-15	0	T3912577

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 22.4 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.22	2x 4	SP-#2
BC	0.30	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4- 2-15
BC	Cont.	0- 0- 0	4- 2-15

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	113	149 U	71 R
C	38	38 U	
B	55	34 U	13 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	3.5"	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'	4.2'
BC V	20	0	0.0'	4.2'
TC V	-20	-40	0.0'	
	-6	-12		4.2'
BC V	-20	0	0.0'	
	-6	0		4.2'

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.22	60 C	0.00 0.22
--------Bottom Chords---------			
A -C	0.30	0 T	0.00 0.30

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -C 0.21

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:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder King Jack
Loading TC and BC
Setback 3- 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 7-05

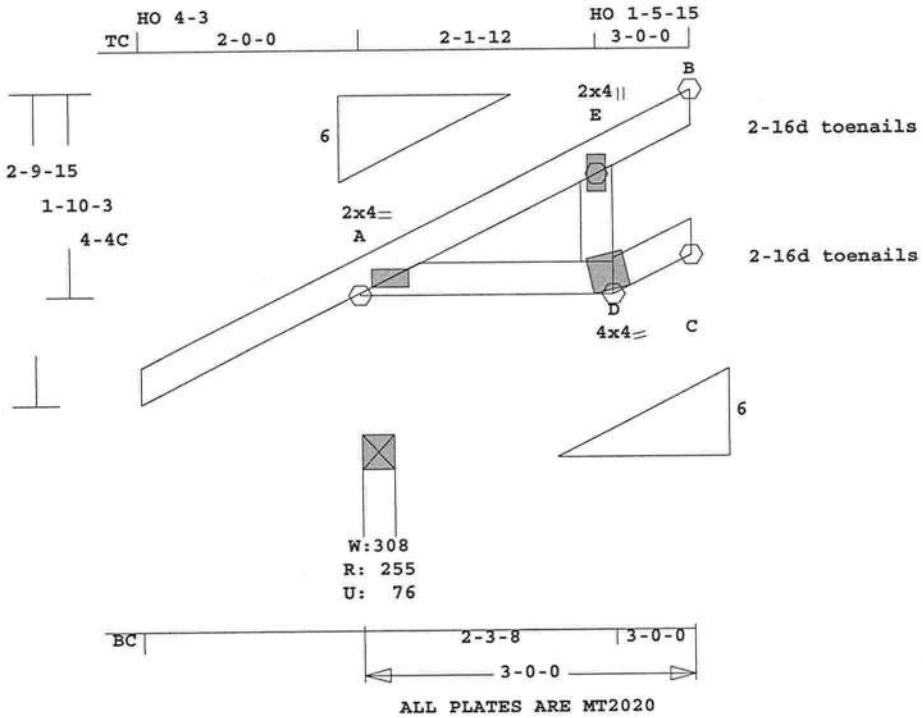
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 4- 2-15
Max comp. force 60 Lbs
Max tens. force 6 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	J4A	8	MON4	30000	6	2- 0- 0	0	T3912578

MEAGAN HOLLOWAY



ALL PLATES ARE MT2020

Scale: 0.572" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 18.6 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

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

Brace truss as follows:

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

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	255	77 U	197 R
C	63	18 U	
B	49	20 U	36 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
		Top Chords		
A -E	0.09	101 C	0.00	0.09
E -B	0.02	48 C	0.00	0.02
		Bottom Chords		
A -D	0.09	19 C	0.00	0.09
D -C	0.09	51 C	0.00	0.09
		Webs		
D -E	0.02	145 T	WindLd	

TL Defl -0.01" in A -D L/999
LL Defl 0.00" in A -D L/999

Hz Disp	LL	DL	TL
Jt C	0.00"	0.00"	0.00"

Shear // Grain in A -E 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	0.65
E	MT20	2.0x 4.0	Ctr	Ctr	0.13
D	MT20	4.0x 4.0-0.6	2.4		0.39

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05

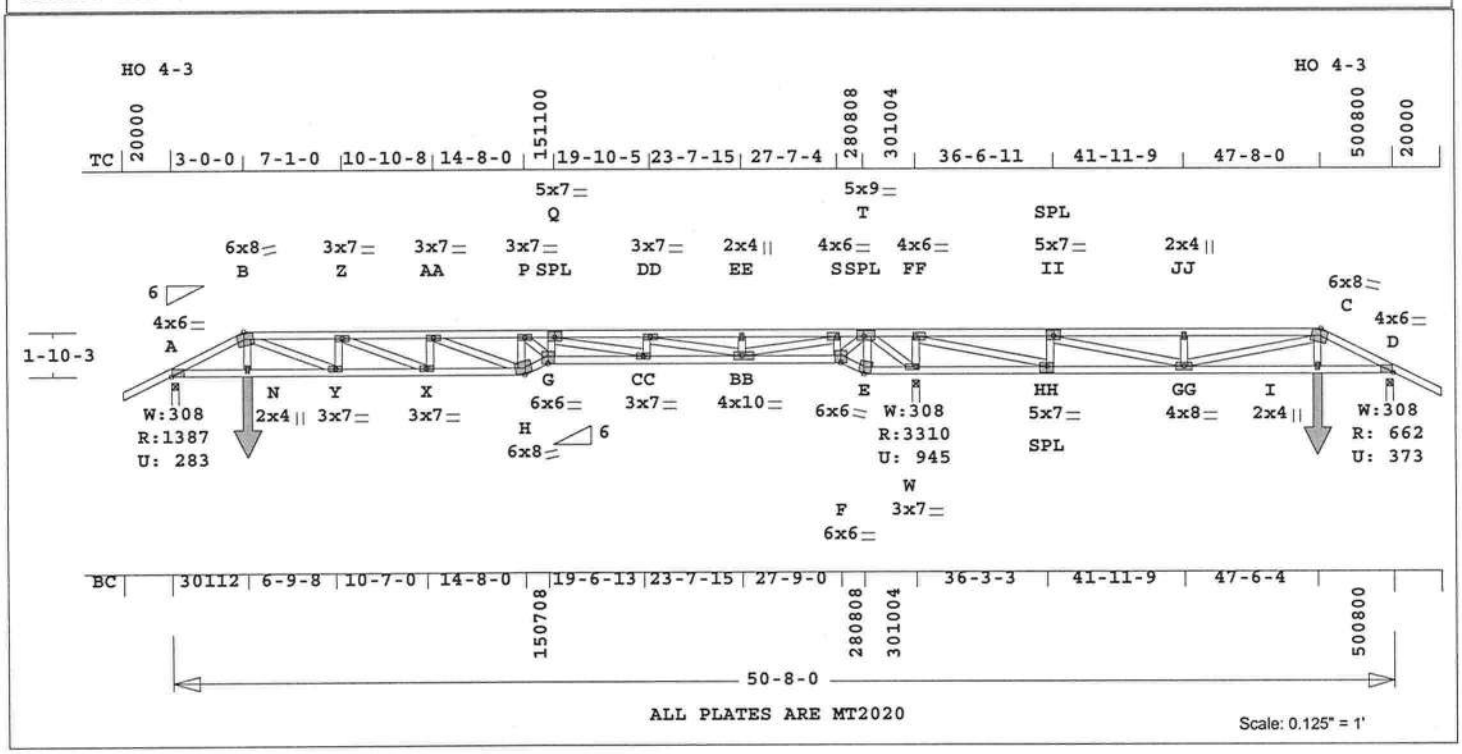
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 101 Lbs
Max tens. force 145 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	A24GIR	1*2P	SP	500800	6	2- 0- 0	2- 0- 0	T3912579

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 311.6 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.81	2x 4	SP-#2
BC	0.80	2x 4	SP-#2
WB	0.44	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 8- 0
BC	Cont.	0- 0- 0	50- 8- 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	1388	283 U	38 R
W	3311	945 U	
D	662	373 U	37 R

Jt	Brg Size	Required
A	3.5"	1.5"
W	3.5"	1.8"
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'	50.7'
BC V	20	0	0.0'	50.7'
TC V	5	10	3.0'	47.7'
BC V	5	0	3.1'	47.5'
BC V	40	40	3.1'	CL-LB
BC V	40	40	47.5'	CL-LB

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.12	2358 C	0.08 0.04
B -Z	0.17	3960 C	0.13 0.04
Z -AA	0.20	4850 C	0.16 0.04
AA-P	0.20	4746 C	0.15 0.05
P -Q	0.22	6589 C	0.20 0.02
Q -DD	0.25	4599 C	0.05 0.20
DD-EE	0.10	1271 C	0.00 0.10
EE-S	0.24	1271 C	0.00 0.24
S -T	0.56	3507 T	0.32 0.24
T -FF	0.81	5699 T	0.52 0.29
FF-II	0.44	1634 T	0.15 0.29
II-JJ	0.22	1796 T	0.00 0.22
JJ-C	0.22	1796 T	0.00 0.22
C -D	0.12	1343 T	0.09 0.03
--------Bottom Chords---------			
A -N	0.27	2099 T	0.19 0.08
N -Y	0.25	2090 T	0.19 0.06
Y -X	0.42	3959 T	0.36 0.06
X -H	0.51	4850 T	0.44 0.07
H -G	0.80	5129 T	0.47 0.33
G -CC	0.68	6541 T	0.60 0.08
CC-BB	0.51	4599 T	0.42 0.09
BB-F	0.16	3336 C	0.15 0.01
F -E	0.23	4082 C	0.16 0.07
E -W	0.28	3790 C	0.15 0.13
W -HH	0.34	5699 C	0.21 0.13
HH-GG	0.11	1635 C	0.00 0.11
GG-I	0.15	1108 C	0.04 0.11
I -D	0.11	1119 C	0.07 0.04
------------Webs------------			
N -B	0.01	173 T	
B -Y	0.18	2000 T	
Y -Z	0.02	610 C	
Z -X	0.08	962 T	
X -AA	0.01	268 C	
AA-H	0.00	111 C	
H -P	0.07	1595 C	
P -G	0.19	2151 T	
G -Q	0.04	473 T	
Q -CC	0.13	2013 C	
CC-DD	0.05	567 T	
DD-BB	0.23	3449 C	
BB-EE	0.01	242 C	
BB-S	0.44	4777 T	
F -S	0.07	1698 C	
F -T	0.03	358 T	
E -T	0.13	1475 T	
T -W	0.12	2419 C	
W -FF	0.08	1586 C	
FF-HH	0.38	4220 T	
HH-II	0.05	1034 C	
II-GG	0.22	2396 T	
GG-JJ	0.02	458 C	
GG-C	0.06	586 C	
I -C	0.01	244 T	

TL Defl -0.86" in H -G L/422
LL Defl -0.35" in H -G L/999

Hz Disp	LL	DL	TL
Jt W	0.04"	0.06"	0.10"

Shear // Grain in H -G 0.44

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	0.36
B	MT20	6.0x 8.0	0.9-	3.8	0.60
Z	MT20	3.0x 7.0	Ctr	Ctr	0.20
AA	MT20	3.0x 7.0	Ctr	Ctr	0.12
P	MT20	3.0x 7.0	Ctr	Ctr	0.48
Q	MT20	5.0x 7.0	Ctr	0.5	0.58
DD	MT20	3.0x 7.0	1.8	Ctr	0.42
EE	MT20	2.0x 4.0	Ctr	Ctr	0.17
S	MT20	4.0x 6.0	-1.7	-0.1	0.89
T	MT20	5.0x 9.0	1.0	0.5	0.61
FF	MT20	4.0x 6.0	1.7	-0.1	0.82
II	MT20	5.0x 7.0	Ctr	0.5	0.59
JJ	MT20	2.0x 4.0	Ctr	Ctr	0.17
C	MT20	6.0x 8.0	-0.9	-3.8	0.42
D	MT20	4.0x 6.0	Ctr	0.1	0.36
N	MT20	2.0x 4.0	Ctr	Ctr	0.17
Y	MT20	3.0x 7.0	Ctr	Ctr	0.41
X	MT20	3.0x 7.0	Ctr	Ctr	0.20
H	MT20	6.0x 8.0	-0.9	3.8	0.52
G	MT20	6.0x 6.0	Ctr	-0.5	0.64
CC	MT20	3.0x 7.0	-1.8	Ctr	0.24
BB	MT20	4.0x10.0	1.0	Ctr	0.78
F	MT20	6.0x 6.0	Ctr	-0.5	0.39
E	MT20	6.0x 6.0	0.9	3.6	0.33
W	MT20	3.0x 7.0	Ctr	Ctr	0.45
HH	MT20	5.0x 7.0	Ctr	-0.5	0.76
GG	MT20	4.0x 8.0	Ctr	Ctr	0.62
I	MT20	2.0x 4.0	Ctr	Ctr	0.17

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 3- 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 1	12	24	0
WB 1	8	8	

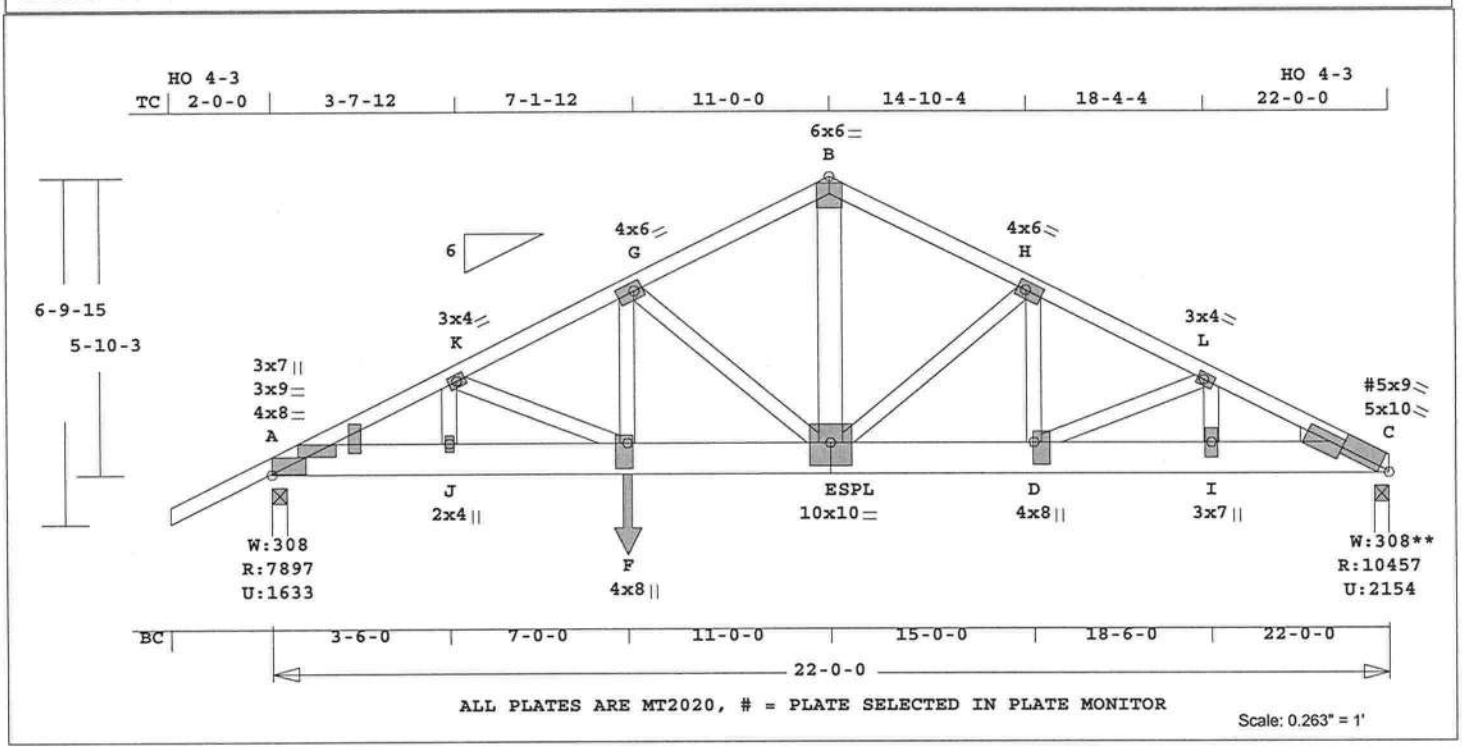
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
30-10- 4 50- 8- 0
Max comp. force 6589 Lbs
Max tens. force 6541 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	B1GIR	1*2P	TR	220000	6	2- 0- 0	0	T3912580

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 197.2 LBS

```
Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10
***************
* 2-Ply Truss *
***************

     CSI -Size- ----Lumber----
TC  0.91  2x 4  SP-#2
--  0.88  2x 4  SP-#1
    B -C
BC  0.59  2x 8  SP-2400f-2.0E
WB  0.72  2x 6  SP-#2
--  0.44  2x 4  SP-#2
    J -K   K -F   F -G   G -E
    E -H   D -H   D -L   I -L
WG   ---  2x 4  SP-#2

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

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   7897  1633 U   123 R
C  10457  2155 U   122 R

Jt   Brg Size    Required
A        3.5"       3.3"
C        3.5"       4.3" **

LC#  1  Standard Loading
Dur Fctrs - Lbr 1.25  Plt 1.25
plf - Dead  Live* From    To
TC V    20    40   0.0'  22.0'
BC V    20     0   0.0'  22.0'
BC V   487   487   8.0'  15.0'
BC V   400   400  15.0'  22.0'
BC V  2027  2027   7.0'  CL-LB

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -K  0.81 16472 C  0.74  0.07
K -G  0.91 16734 C  0.70  0.21
G -B  0.68 12545 C  0.57  0.11
B -H  0.54 12546 C  0.45  0.09
H -L  0.72 16635 C  0.56  0.16
L -C  0.88 19437 C  0.65  0.23
--------Bottom Chords---------
A -J  0.49 14746 T  0.28  0.21
J -F  0.49 14746 T  0.28  0.21
F -E  0.50 14972 T  0.28  0.22
E -D  0.50 14884 T  0.28  0.22
D -I  0.59 17439 T  0.33  0.26
I -C  0.55 17439 T  0.33  0.22
-------------Webs-------------
J -K  0.02   399 C
K -F  0.02   307 T
F -G  0.44  4891 T
G -E  0.44  4884 C
E -B  0.72 10888 T
E -H  0.43  4769 C
D -H  0.43  4767 T
D -L  0.17  2820 C
I -L  0.20  2244 T

TL Defl  -0.50" in E -D  L/511
LL Defl  -0.20" in E -D  L/999
Shear // Grain  in F -E   0.68

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 8.0 4.0  1.9 0.91
A  MT20  3.0x 9.0-3.4-1.5 0.86
A  MT20  3.0x 7.0 5.6  1.4 0.00
K  MT20  3.0x 4.0 Ctr Ctr 0.23
G  MT20  4.0x 6.0-0.9-0.4 0.87
B  MT20  6.0x 6.0 Ctr-0.6 0.92
H  MT20  4.0x 6.0 0.9-0.4 0.84
L  MT20  3.0x 4.0 0.4-0.2 0.89
C# MT20  5.0x10.0-6.2 4.2 0.98
C# MT20  5.0x 9.0 Ctr Ctr 0.98
J  MT20  2.0x 4.0 Ctr Ctr 0.17
F  MT20  4.0x 8.0 1.0-2.1 0.85
E  MT20 10.0x10.0 Ctr-0.5 0.78
D  MT20  4.0x 8.0 Ctr-1.4 0.92
I  MT20  3.0x 7.0 Ctr-0.1 0.45

# = Plate Monitor used
REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
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      7.5    14       0
  WB 1      8       8
Plus clusters of nails where
  shown.

OH Loading
  Soffit psf 2.0
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
Design checked for 10 psf non-
  concurrent LL on BC.
NOTE: USER MODIFIED PLATES
  This design may have plates
  selected through a plate
  monitor.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 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    19437 Lbs
Max tens. force    17439 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

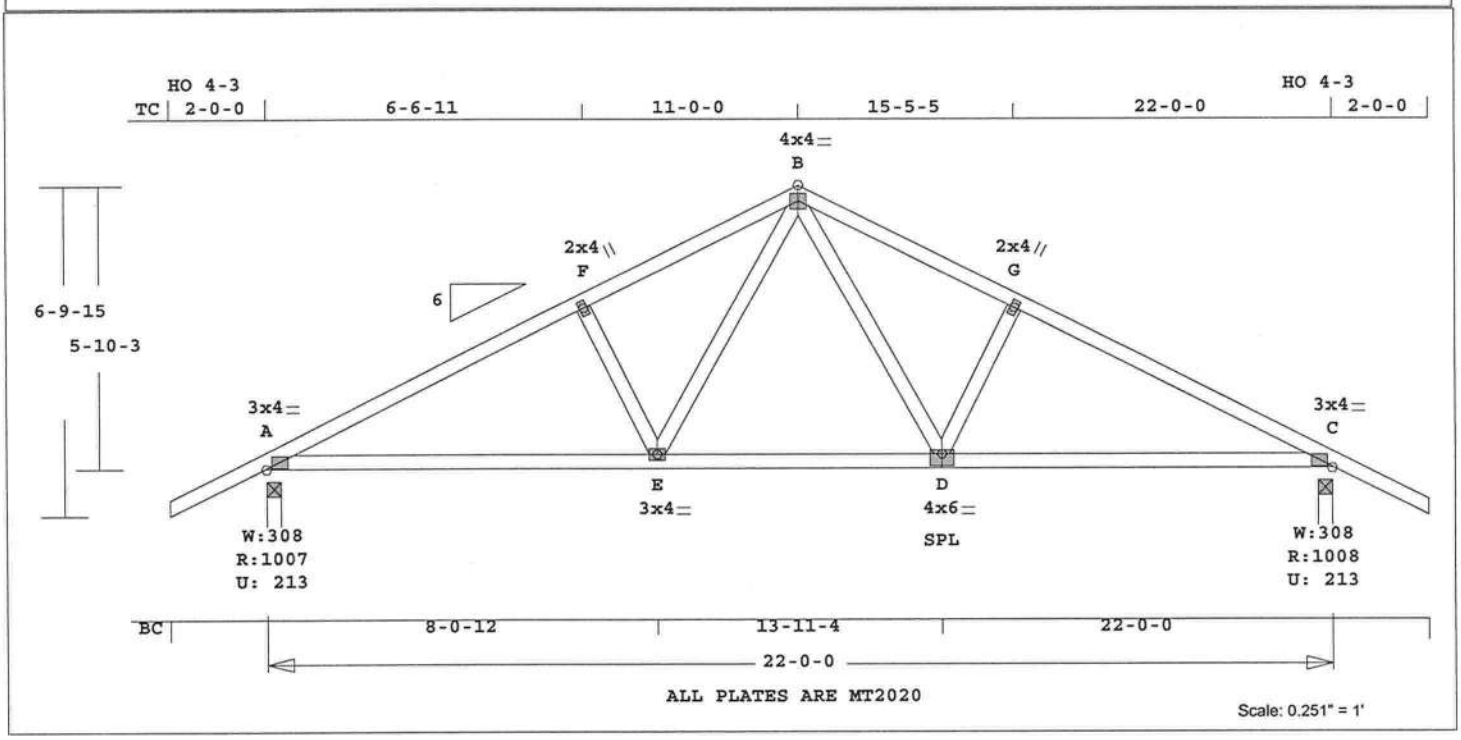
THOMAS A. ALBANI LICENSE No 39380 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	B2	6	TR	220000	6	2- 0- 0	2- 0- 0	T3912581

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 132.4 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.38	2x 4	SP-#2
WB	0.19	2x 4	SP-#2

Brace truss as follows:

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

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	1008	213 U	124 R
C	1008	213 U	124 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)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -F	0.40	1364 C	0.11	0.29
F -B	0.41	1231 C	0.12	0.29
B -G	0.41	1231 C	0.12	0.29
G -C	0.40	1364 C	0.11	0.29
Bottom Chords				
A -E	0.38	1227 T	0.20	0.18
E -D	0.34	845 T	0.08	0.26
D -C	0.38	1227 T	0.20	0.18
Webs				
F -E	0.06	384 T		
E -B	0.19	500 T		
B -D	0.19	500 T		
D -G	0.06	384 T		

TL Defl -0.20" in A -E L/999
LL Defl -0.08" in A -E L/999
Shear // Grain in A -F 0.25

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

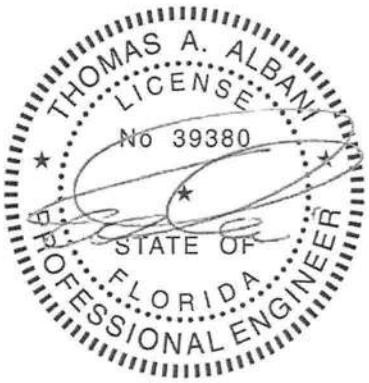
Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.76
F	MT20	2.0x 4.0	Ctr	Ctr	0.31
B	MT20	4.0x 4.0	Ctr	Ctr	0.52
G	MT20	2.0x 4.0	Ctr	Ctr	0.31
C	MT20	3.0x 4.0	Ctr	Ctr	0.76
E	MT20	3.0x 4.0	Ctr	Ctr	0.38
D	MT20	4.0x 6.0	Ctr	-1.0	0.53

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.

Wind Speed: 120 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 1364 Lbs
Max tens. force 1227 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

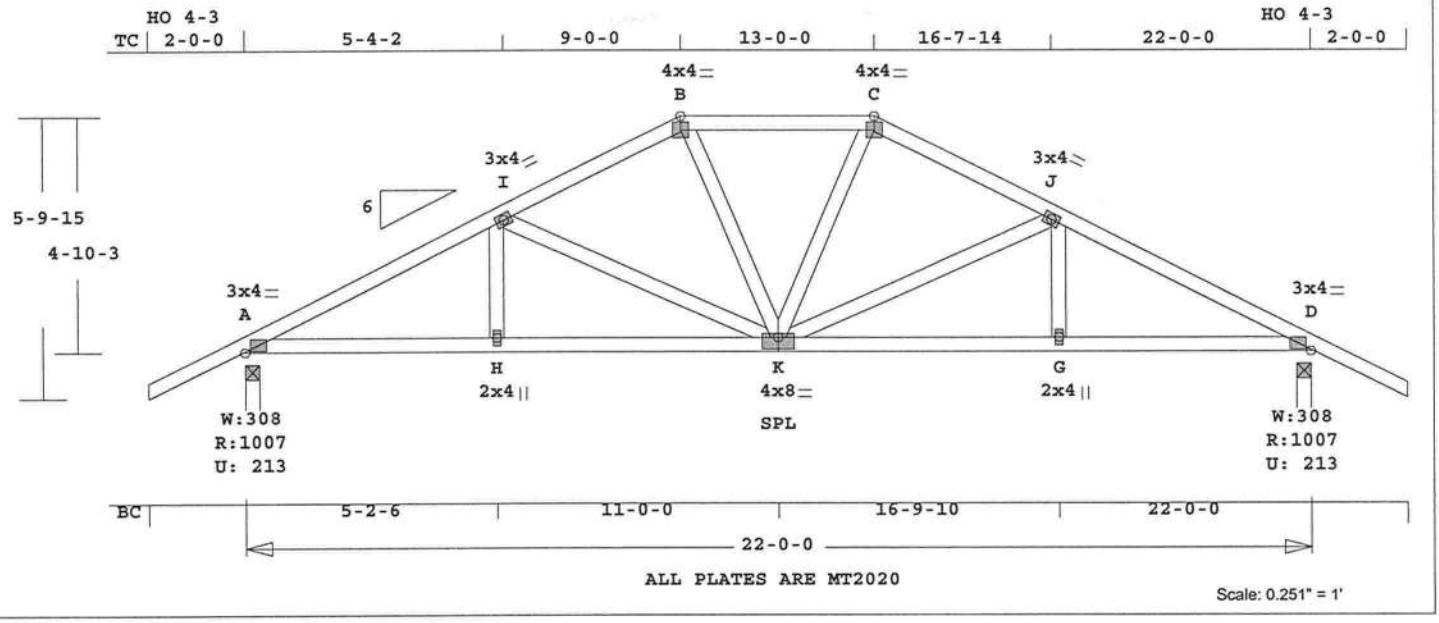


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	B3	1	HIPP	220000	6	2- 0- 0	2- 0- 0	T3912582

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 145.6 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.34	2x 4	SP-#2
WB	0.25	2x 4	SP-#2

Brace truss as follows:

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

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	1008	213 U	101 R
D	1008	213 U	101 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -I	0.30	1466 C	0.11 0.19
I -B	0.28	1044 C	0.09 0.19
B -C	0.14	1029 C	0.09 0.05
C -J	0.28	1044 C	0.09 0.19
J -D	0.30	1466 C	0.11 0.19
Bottom Chords			
A -H	0.28	1310 T	0.22 0.06
H -K	0.34	1310 T	0.22 0.12
K -G	0.34	1310 T	0.22 0.12
G -D	0.28	1310 T	0.22 0.06
Webs			
H -I	0.03	211 T	
I -K	0.25	417 C	
B -K	0.06	283 T	
K -C	0.06	283 T	
K -J	0.25	417 C	
G -J	0.03	211 T	

TL Defl -0.12" in K -G L/999
LL Defl -0.04" in K -G L/999
Shear // Grain in A -I 0.21

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

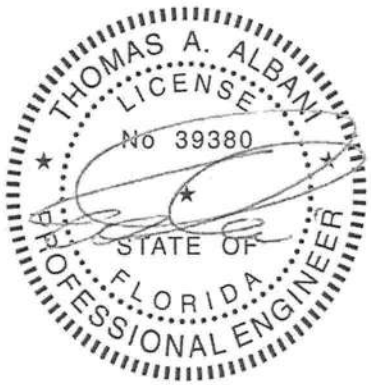
Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.81
I	MT20	3.0x 4.0	Ctr	Ctr	0.47
B	MT20	4.0x 4.0	Ctr	Ctr	0.63
C	MT20	4.0x 4.0	Ctr	Ctr	0.63
J	MT20	3.0x 4.0	Ctr	Ctr	0.47
D	MT20	3.0x 4.0	Ctr	Ctr	0.81
H	MT20	2.0x 4.0	Ctr	Ctr	0.34
K	MT20	4.0x 8.0	Ctr	-1.0	0.73
G	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 1466 Lbs
Max tens. force 1310 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

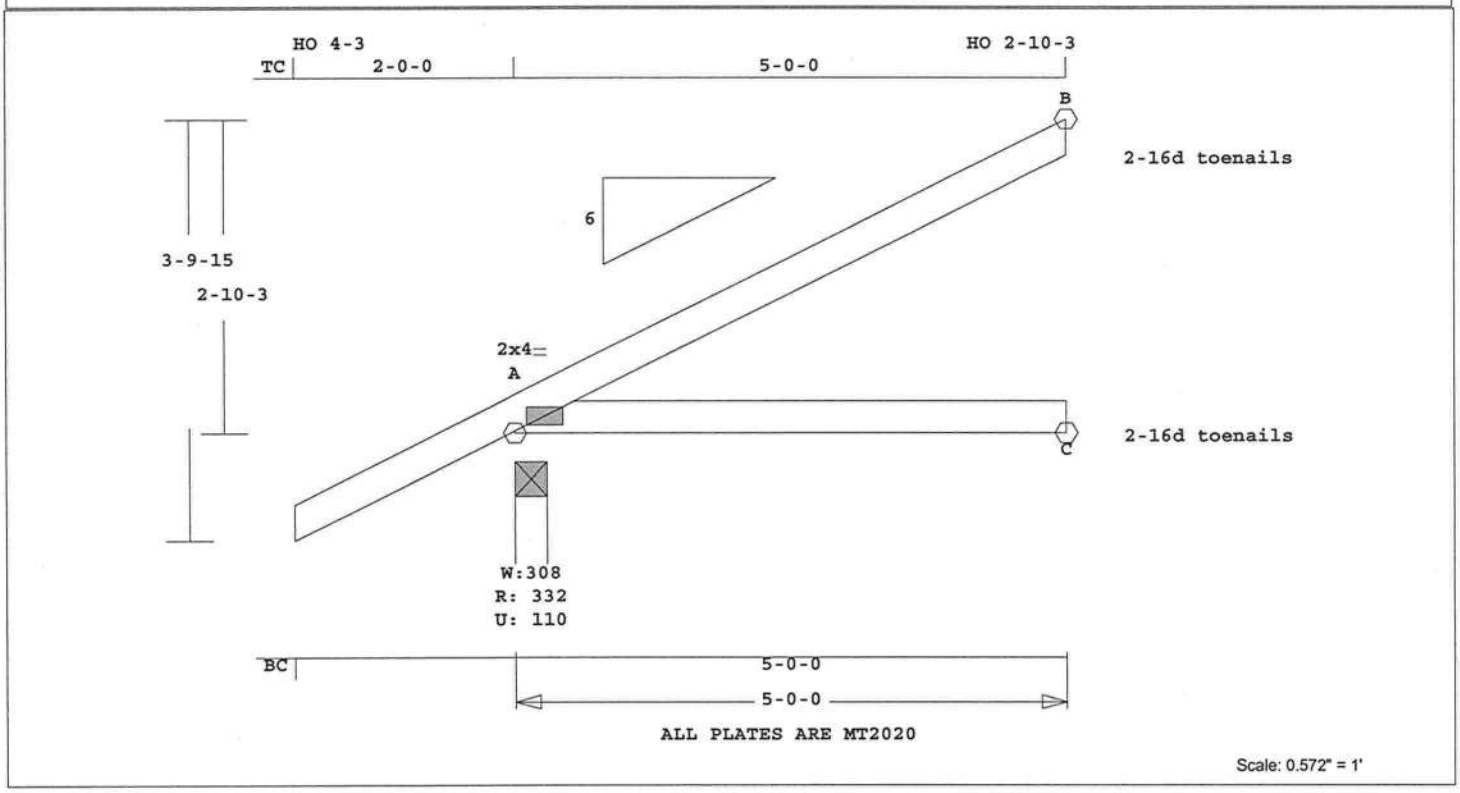


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
LDM-MEGAN	***J3***	8	JCA2	50000	6	2- 0- 0	0	*T3912583*

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 24.5 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.51	2x 4	SP-#2
BC	0.50	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	333	111 U	283 R
C	94	45 U	
B	133	81 U	61 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.51	171 C	0.00 0.51
--------Bottom Chords---------			
A -C	0.50	0 T	0.00 0.50

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.31

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:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

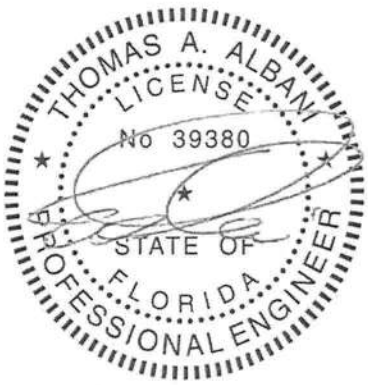
REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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- 0- 0

Max comp. force 171 Lbs
Max tens. force 39 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

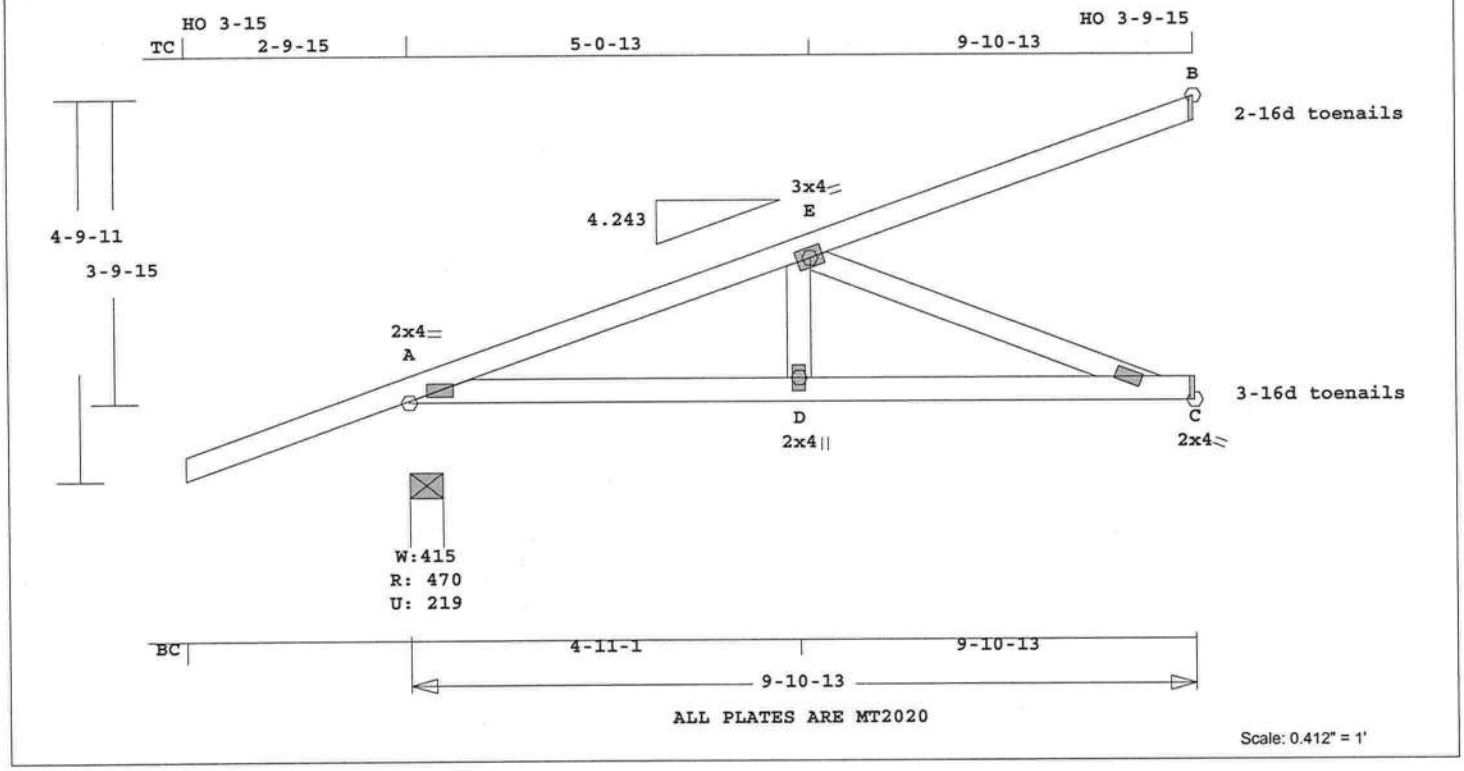


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
LDM-MEGAN	***CJ1***	4	MONO.DD	91013	4.243	2- 9-15	0	*T3912584*

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 56.1 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.57	2x 4	SP-#2
BC	0.37	2x 4	SP-#2
WB	0.26	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	9- 7- 5
BC	Cont.	0- 0- 0	9- 7- 5

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	471	220 U	312 R
C	339	148 U	
B	239	122 U	92 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	3.5"	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'	
	22	45		9.9'
BC V	-20	0	0.0'	
	22	0		9.9'

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -E	0.51	931 T	0.13 0.38
E -B	0.57	146 C	0.00 0.57
--------Bottom Chords---------			
A -D	0.27	1190 C	0.00 0.27
D -C	0.37	1190 C	0.12 0.25
------------Webs------------			
D -E	0.03	387 C	
E -C	0.26	1278 T	

TL Defl -0.10" in D -C L/999
LL Defl -0.04" in D -C L/999
Shear // Grain in C -C 0.56

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
E	MT20	3.0x 4.0	Ctr	Ctr	0.67
D	MT20	2.0x 4.0	Ctr	Ctr	0.23
C	MT20	2.0x 4.0	Ctr	Ctr	0.87

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

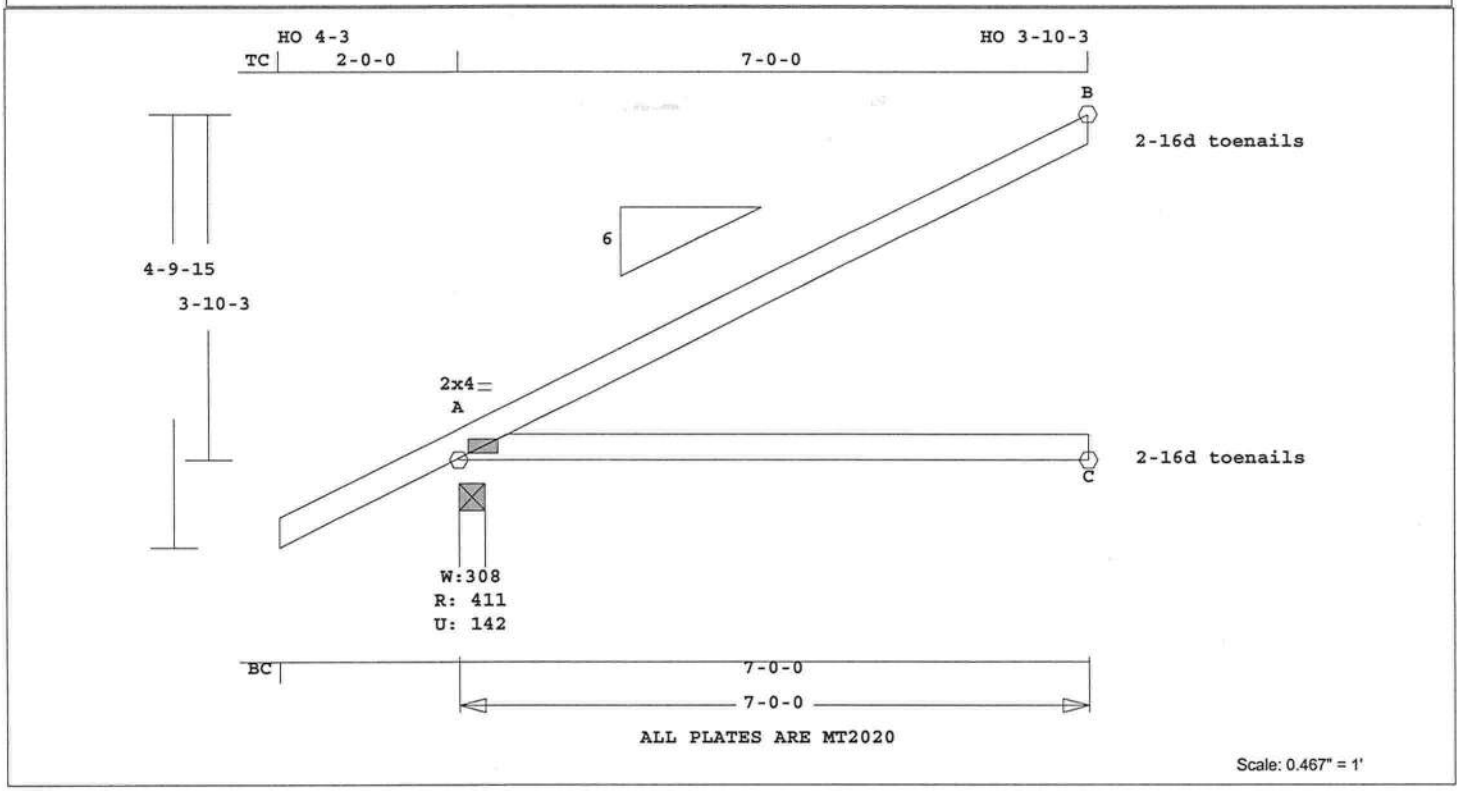
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 9-10-13
Max comp. force 1190 Lbs
Max tens. force 1278 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	J1	10	JCA2	70000	6	2- 0- 0	0	T3912585

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 32.5 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.85	2x 4	SP-#2
BC	0.84	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

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	411	142 U	340 R
C	132	62 U	
B	188	114 U	86 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.85	210 C	0.00 0.85
--------Bottom Chords---------			
A -C	0.84	0 T	0.00 0.84

TL Defl -0.19" in A -C L/412
LL Defl -0.07" in A -C L/999
Shear // Grain in A -B 0.38

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:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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	7- 0- 0

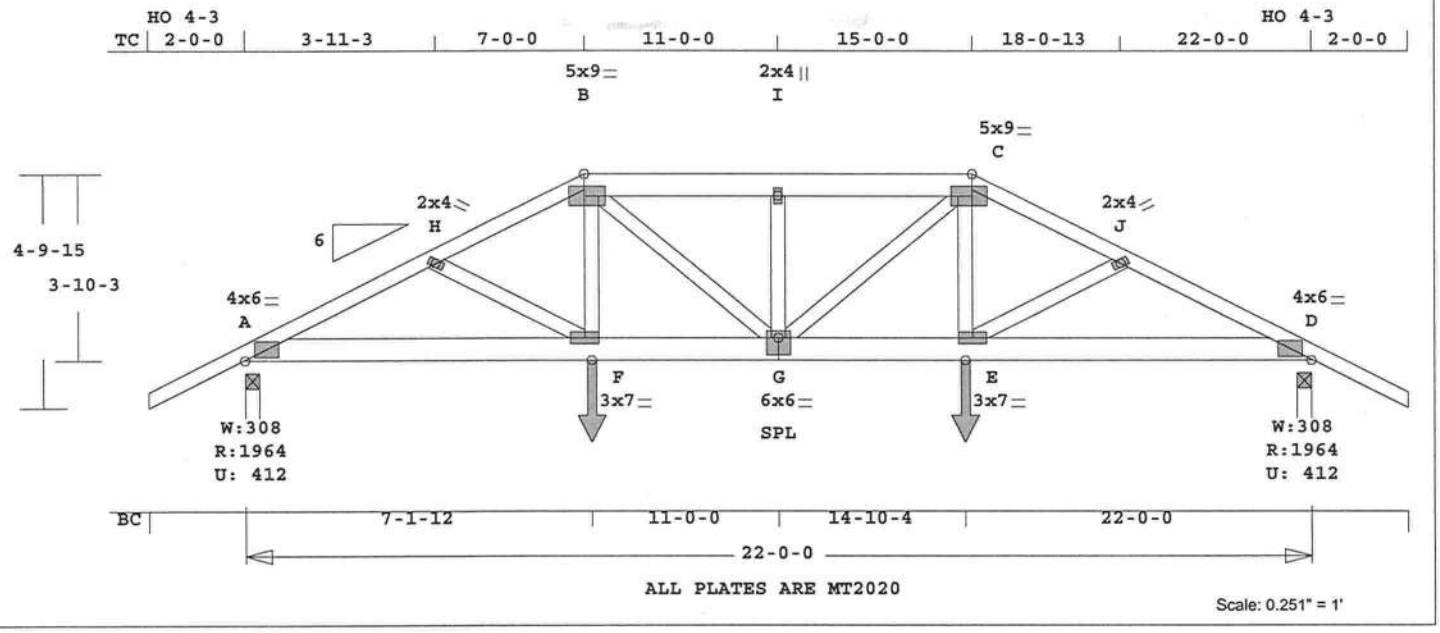
Max comp. force 210 Lbs
Max tens. force 55 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
LDM-MEGAN	B4GIR	1	HIPP	220000	6	2- 0- 0	2- 0- 0	T3912586

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 171.0 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
--	0.41	2x 6	SP-#2
	B -C		
BC	0.58	2x 6	SP-#2
WB	0.17	2x 4	SP-#2

Brace truss as follows:

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

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	1964	413 U	77 R
D	1964	413 U	77 R

Jt	Brg Size	Required
A	3.5"	2.3"
D	3.5"	2.3"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -H	0.43	3567 C	0.31 0.12
H -B	0.52	3441 C	0.30 0.22
B -I	0.41	3689 C	0.24 0.17
I -C	0.41	3689 C	0.24 0.17
C -J	0.52	3441 C	0.30 0.22
J -D	0.43	3567 C	0.31 0.12
--------Bottom Chords---------			
A -F	0.58	3180 T	0.42 0.16
F -G	0.51	3088 T	0.41 0.10
G -E	0.51	3088 T	0.41 0.10
E -D	0.58	3179 T	0.42 0.16
------------Webs------------			
H -F	0.03	221 T	
F -B	0.12	702 T	
B -G	0.17	783 T	
G -I	0.12	744 C	
G -C	0.17	783 T	
E -C	0.12	702 T	
E -J	0.03	221 T	

TL Defl -0.28" in F -G L/933
LL Defl -0.11" in F -G L/999
Shear // Grain in B -I 0.30

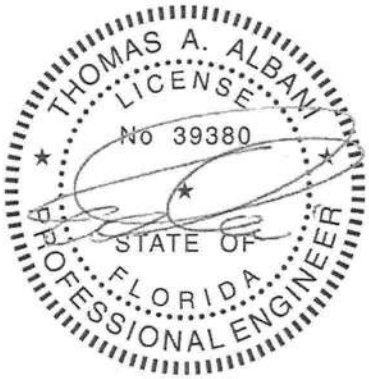
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	Ctr	1.00
H	MT20	2.0x 4.0	Ctr	Ctr	0.27
B	MT20	5.0x 9.0	-1.0	Ctr	0.73
I	MT20	2.0x 4.0	Ctr	Ctr	0.56
C	MT20	5.0x 9.0	1.0	Ctr	0.73
J	MT20	2.0x 4.0	Ctr	Ctr	0.27
D	MT20	4.0x 6.0	Ctr	Ctr	1.00
F	MT20	3.0x 7.0	Ctr	Ctr	0.35
G	MT20	6.0x 6.0	Ctr	-1.2	0.81
E	MT20	3.0x 7.0	Ctr	Ctr	0.35

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 3689 Lbs
Max tens. force 3180 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

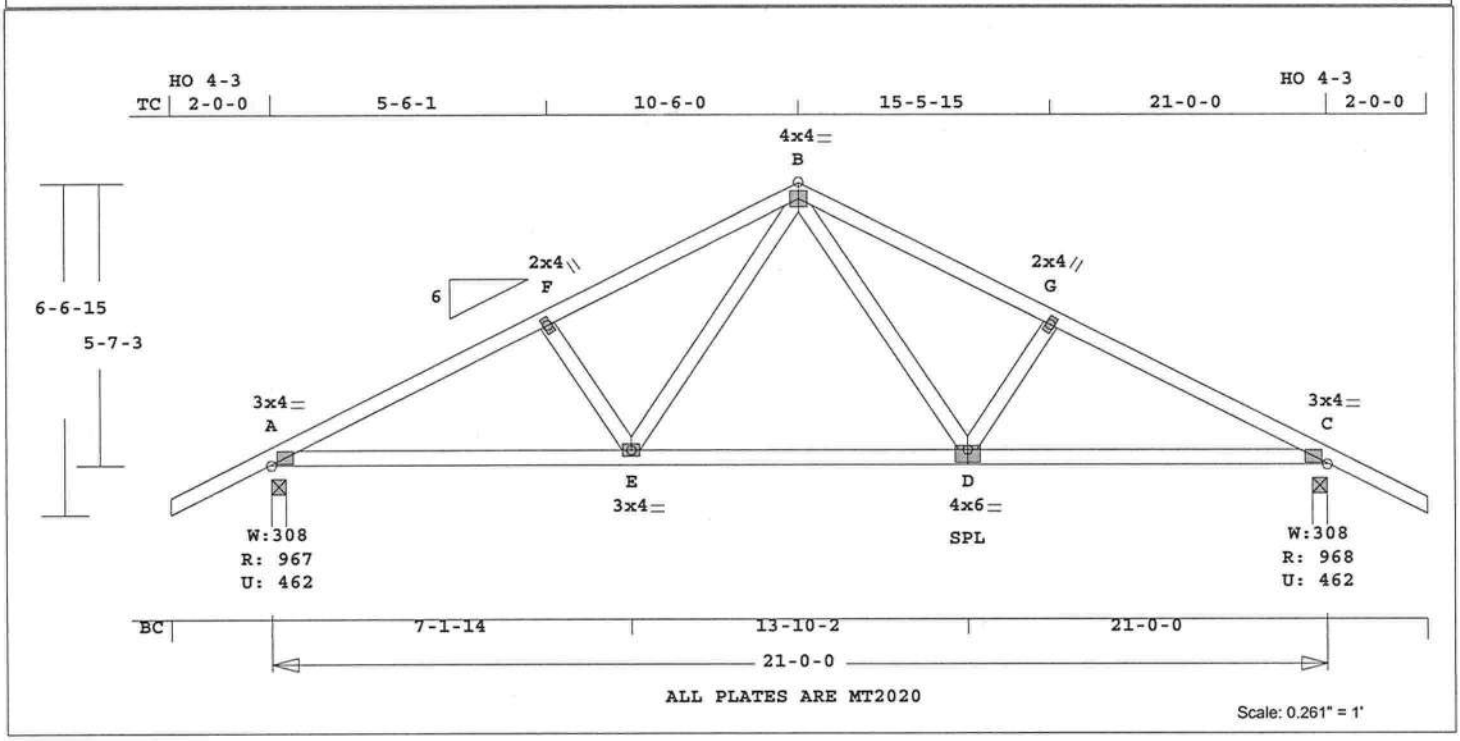


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	C1	3	TR	210000	6	2- 0- 0	2- 0- 0	T3912587

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 127.0 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.50	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
BC	Cont.	0- 0- 0	21- 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	968	462 U	117 R
C	968	462 U	117 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)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -F	0.52	1944 T	0.25 0.27
F -B	0.51	1931 T	0.24 0.27
B -G	0.51	1931 T	0.24 0.27
G -C	0.52	1944 T	0.25 0.27
Bottom Chords			
A -E	0.36	1634 C	0.12 0.24
E -D	0.33	966 C	0.00 0.33
D -C	0.36	1635 C	0.12 0.24
Webs			
F -E	0.05	379 T	
E -B	0.50	843 C	
B -D	0.50	843 C	
D -G	0.05	379 T	

TL Defl -0.12" in A -E L/999
LL Defl -0.05" in A -E L/999
Shear // Grain in F -B 0.21

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

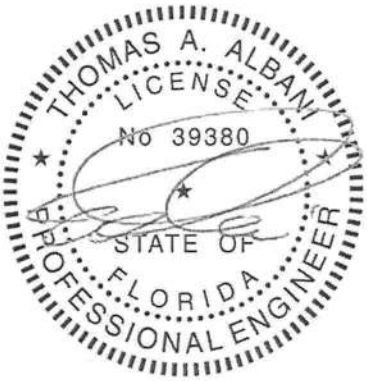
Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.84
F	MT20	2.0x 4.0	Ctr	Ctr	0.31
B	MT20	4.0x 4.0	Ctr	Ctr	0.67
G	MT20	2.0x 4.0	Ctr	Ctr	0.31
C	MT20	3.0x 4.0	Ctr	Ctr	0.84
E	MT20	3.0x 4.0	Ctr	Ctr	0.37
D	MT20	4.0x 6.0	Ctr	-1.0	0.50

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.

Wind Speed: 120 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 21- 0- 0
Max comp. force 1635 Lbs
Max tens. force 1944 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

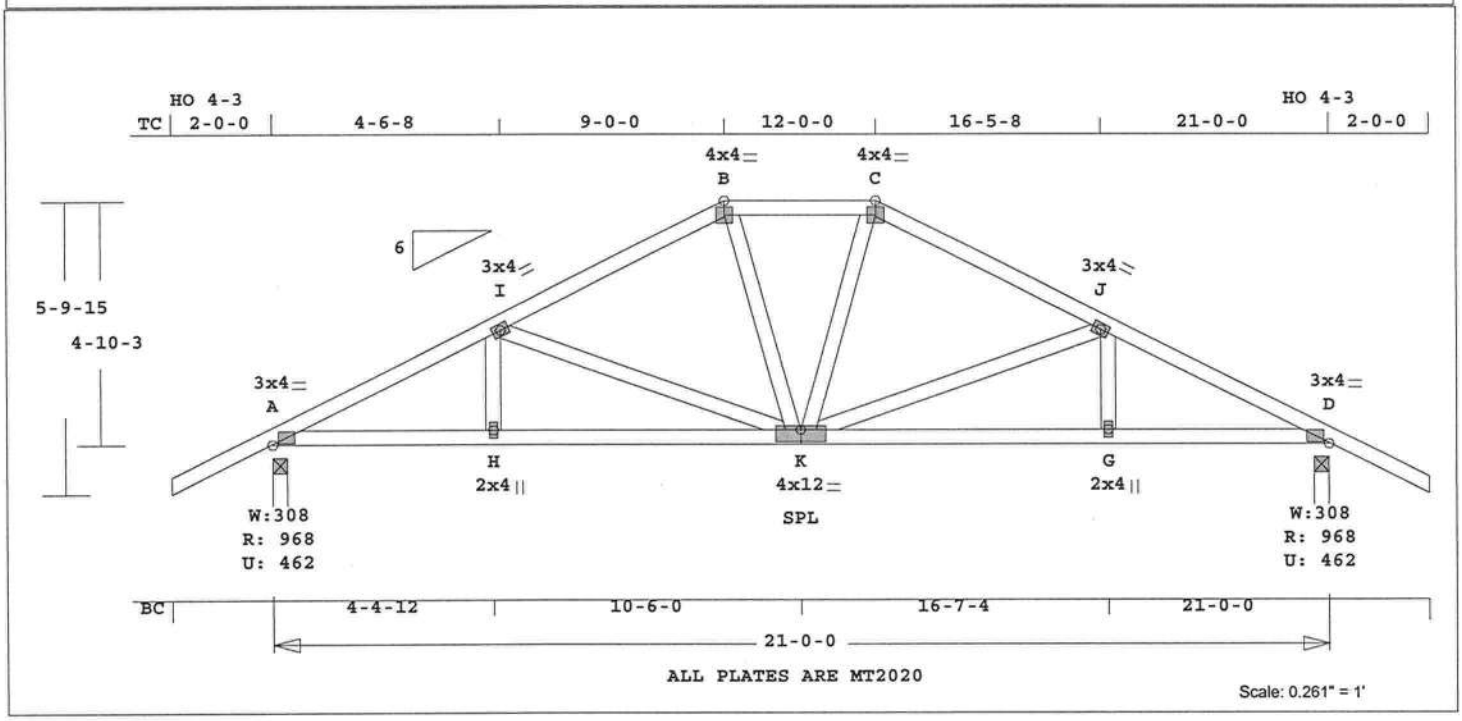


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	C2	1	HIPP	210000	6	2- 0- 0	2- 0- 0	T3912588

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 139.6 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.43	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.25	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
BC	Cont.	0- 0- 0	21- 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	968	462 U	100 R
D	968	462 U	100 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -I	0.43	2082 T	0.27	0.16
I -B	0.41	1471 T	0.19	0.22
B -C	0.28	1533 T	0.20	0.08
C -J	0.41	1471 T	0.19	0.22
J -D	0.43	2082 T	0.27	0.16
--------Bottom Chords---------				
A -H	0.26	1779 C	0.21	0.05
H -K	0.36	1779 C	0.21	0.15
K -G	0.36	1778 C	0.21	0.15
G -D	0.26	1778 C	0.21	0.05
------------Webs------------				
H -I	0.03	277 C		
I -K	0.25	737 T		
B -K	0.17	511 C		
K -C	0.17	511 C		
K -J	0.25	737 T		
G -J	0.03	277 C		

TL Defl -0.12" in H -K L/999
LL Defl -0.04" in H -K L/999
Shear // Grain in I -B 0.20

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

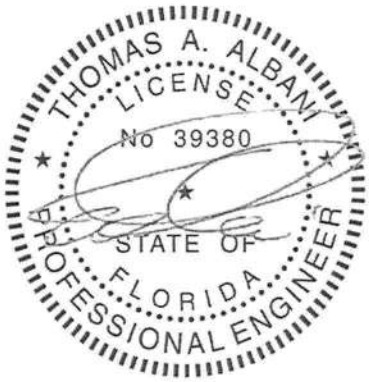
Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.91
I	MT20	3.0x 4.0	Ctr	Ctr	0.47
B	MT20	4.0x 4.0	Ctr	Ctr	0.62
C	MT20	4.0x 4.0	Ctr	Ctr	0.62
J	MT20	3.0x 4.0	Ctr	Ctr	0.47
D	MT20	3.0x 4.0	Ctr	Ctr	0.91
H	MT20	2.0x 4.0	Ctr	Ctr	0.34
K	MT20	4.0x12.0	Ctr	-1.0	0.71
G	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 21- 0- 0
Max comp. force 1779 Lbs
Max tens. force 2082 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

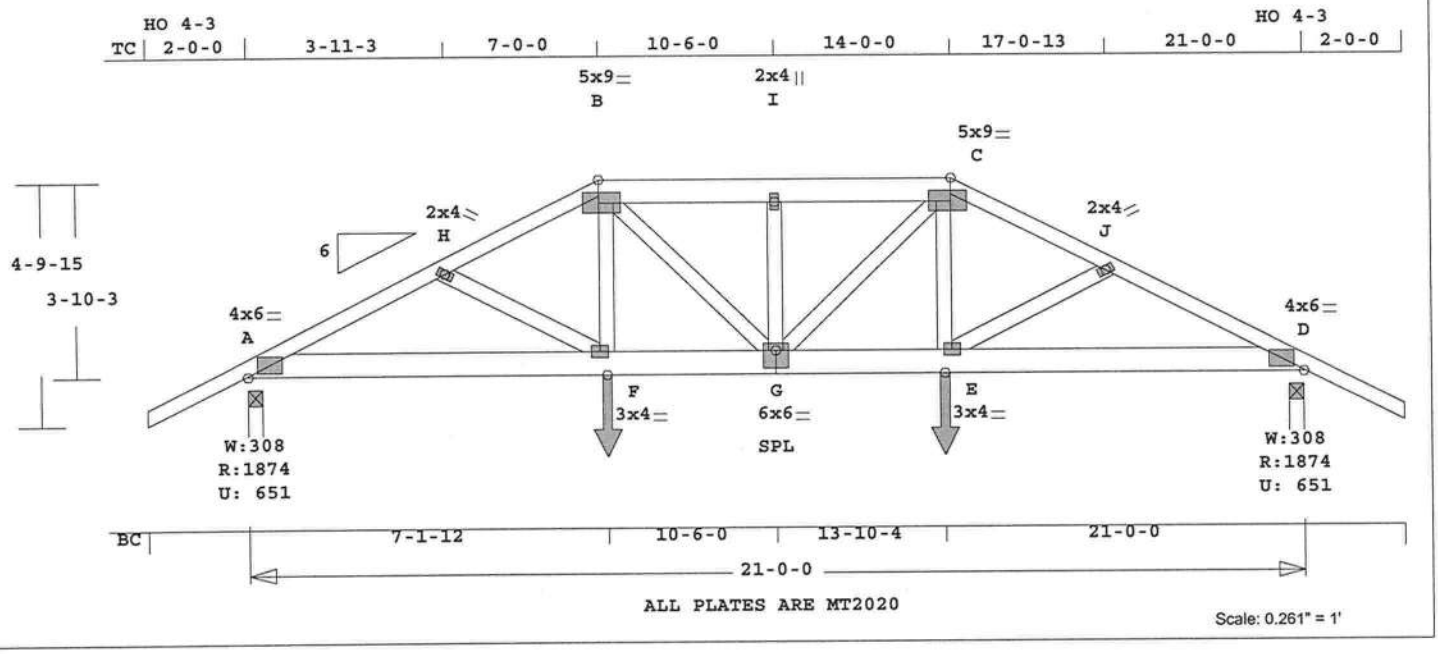


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	C3GIR	1	HIPP	210000	6	2- 0- 0	2- 0- 0	T3912589

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 163.9 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.75	2x 4	SP-#2
--	0.50	2x 6	SP-#2
	B -C		
BC	0.56	2x 6	SP-#2
WB	0.18	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
BC	Cont.	0- 0- 0	21- 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	1874	652 U	76 R
D	1874	652 U	76 R

Jt	Brg Size	Required
A	3.5"	2.2"
D	3.5"	2.2"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	21.0'
BC V	20	0	0.0'	21.0'
TC V	25	50	7.0'	14.0'
BC V	25	0	7.1'	13.9'
BC V	280	280	7.1'	CL-LB
BC V	280	280	13.9'	CL-LB

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -H	0.65	3372 C	0.45 0.20
H -B	0.75	3240 C	0.44 0.31
B -I	0.50	3392 C	0.33 0.17
I -C	0.50	3392 C	0.33 0.17
C -J	0.75	3240 C	0.44 0.31
J -D	0.65	3372 C	0.45 0.20
--------Bottom Chords---------			
A -F	0.56	3007 T	0.40 0.16
F -G	0.47	2907 T	0.38 0.09
G -E	0.47	2907 T	0.38 0.09
E -D	0.56	3007 T	0.40 0.16
------------Webs------------			
H -F	0.03	232 T	
F -B	0.12	726 C	
B -G	0.18	673 T	
G -I	0.11	687 C	
G -C	0.18	673 T	
E -C	0.12	726 C	
E -J	0.03	232 T	

TL Defl -0.25" in G -E L/988
LL Defl -0.10" in G -E L/999
Shear // Grain in B -I 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	Ctr	0.94
H	MT20	2.0x 4.0	Ctr	Ctr	0.32
B	MT20	5.0x 9.0	-1.0	Ctr	0.75
I	MT20	2.0x 4.0	Ctr	Ctr	0.58
C	MT20	5.0x 9.0	1.0	Ctr	0.75
J	MT20	2.0x 4.0	Ctr	Ctr	0.32
D	MT20	4.0x 6.0	Ctr	Ctr	0.94
F	MT20	3.0x 4.0	Ctr	Ctr	0.61
G	MT20	6.0x 6.0	Ctr	-1.2	0.71
E	MT20	3.0x 4.0	Ctr	Ctr	0.61

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0

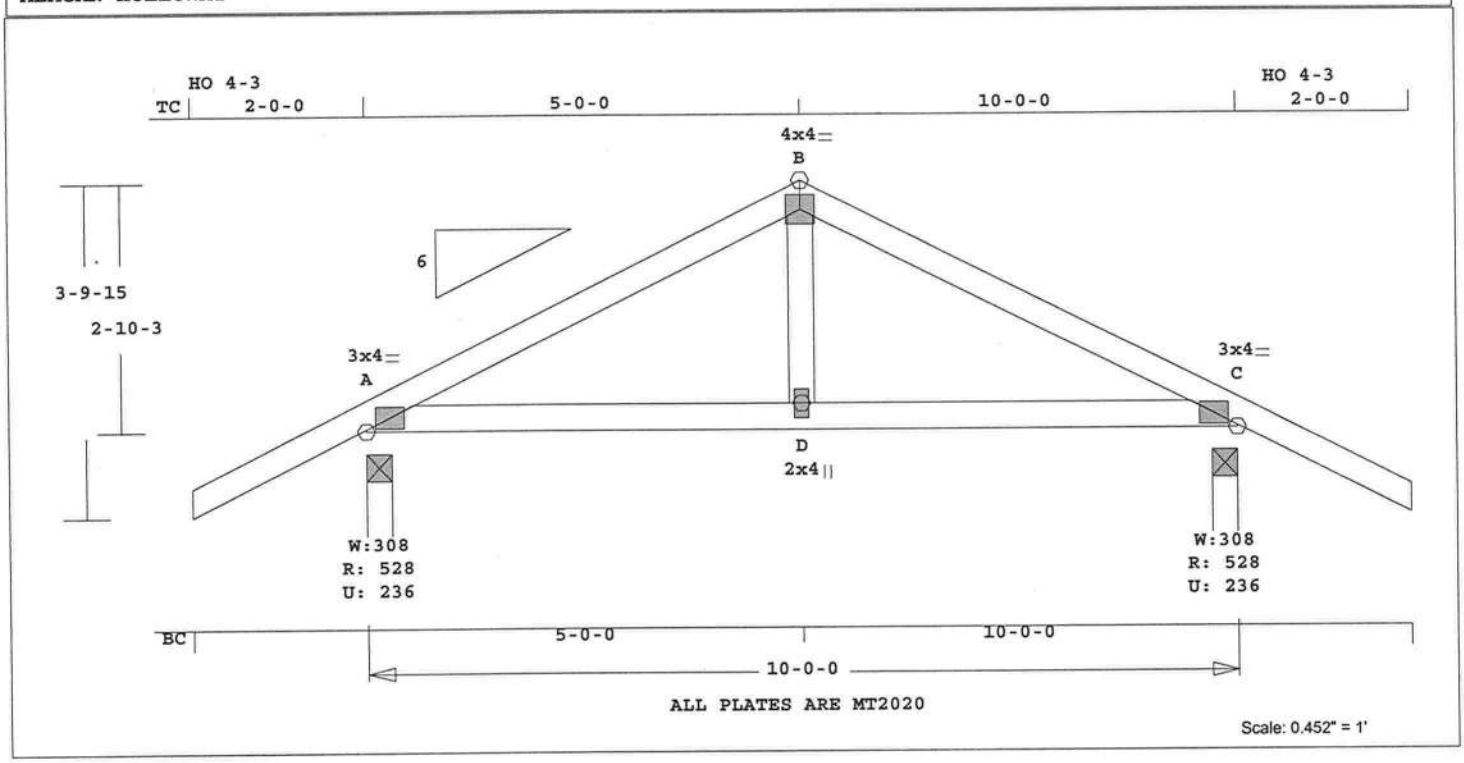
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 21- 0- 0
Max comp. force 3392 Lbs
Max tens. force 3205 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	D1	3	TR	100000	6	2- 0- 0	2- 0- 0	T3912590

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 53.2 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.38	2x 4	SP-#2
BC	0.29	2x 4	SP-#2
WB	0.04	2x 4	SP-#2

Brace truss as follows:

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

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	528	237 U	49 R
C	528	237 U	49 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)
Plus 1 DL Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -B	0.38	958 T	0.12	0.26
B -C	0.38	958 T	0.12	0.26
--------Bottom Chords---------				
A -D	0.29	725 C	0.00	0.29
D -C	0.29	725 C	0.00	0.29
----------Webs----------				
D -B	0.04	418 C		

TL Defl -0.03" in A -D L/999
LL Defl -0.01" in A -D L/999
Shear // Grain in A -B 0.26

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

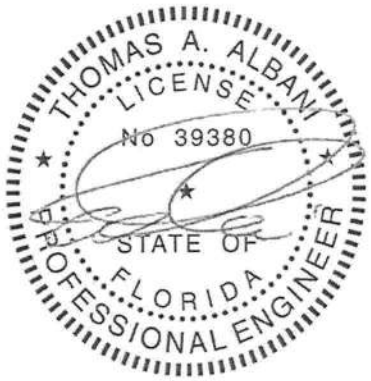
Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.52
B	MT20	4.0x 4.0	Ctr	Ctr	0.43
C	MT20	3.0x 4.0	Ctr	Ctr	0.52
D	MT20	2.0x 4.0	Ctr	Ctr	0.20

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05

Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 10- 0- 0
Max comp. force 725 Lbs
Max tens. force 958 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

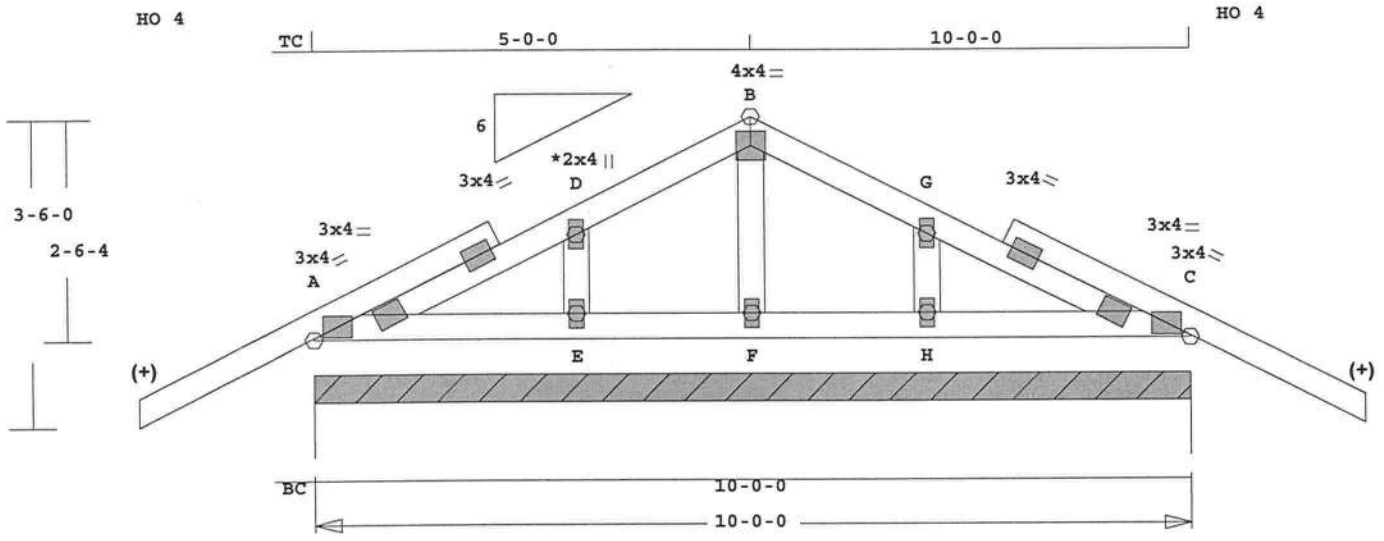


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	D2GE	1	TR	100000	6	0	0	T3912591

MEAGAN HOLLOWAY



ALL PLATES ARE MT2020

See Joint D For Typical Gable Plate Size and Placement

Scale: 0.455" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 62.4 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.08	2x 4	SP-#2 (+)
BC	0.06	2x 4	SP-#2
GW	0.04	2x 4	SP-#2

Brace truss as follows:

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

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	800	165 U	42 R

Jt	Brg Size	Required
A	120.0"	0"-to- 120"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -D	0.07	114 T	0.01 0.06
D -B	0.08	213 T	0.02 0.06
B -G	0.08	213 T	0.02 0.06
G -C	0.07	114 T	0.01 0.06
Bottom Chords			
A -E	0.06	9 T	0.00 0.06
E -F	0.03	0 T	0.00 0.03
F -H	0.03	0 T	0.00 0.03
H -C	0.06	9 T	0.00 0.06
Gable Webs			
E -D	0.04	288 T	
F -B	0.00	36 C	
H -G	0.04	288 T	

TL Defl 0.00" in H -C L/999
LL Defl 0.00" in H -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

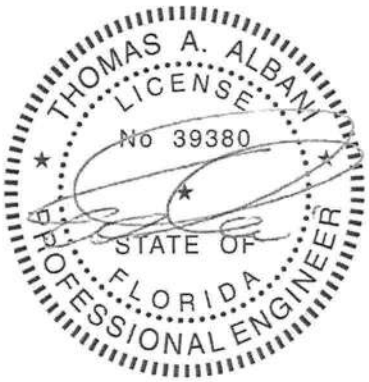
Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.52
D	MT20	2.0x 4.0	Ctr	Ctr	0.00
B	MT20	4.0x 4.0	Ctr	Ctr	0.43
G	MT20	2.0x 4.0	Ctr	Ctr	0.00
C	MT20	3.0x 4.0	Ctr	Ctr	0.52
E	MT20	2.0x 4.0	Ctr	Ctr	0.00
F	MT20	2.0x 4.0	Ctr	Ctr	0.00
H	MT20	2.0x 4.0	Ctr	Ctr	0.00

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
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 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 160 Lbs
Max tens. force 288 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

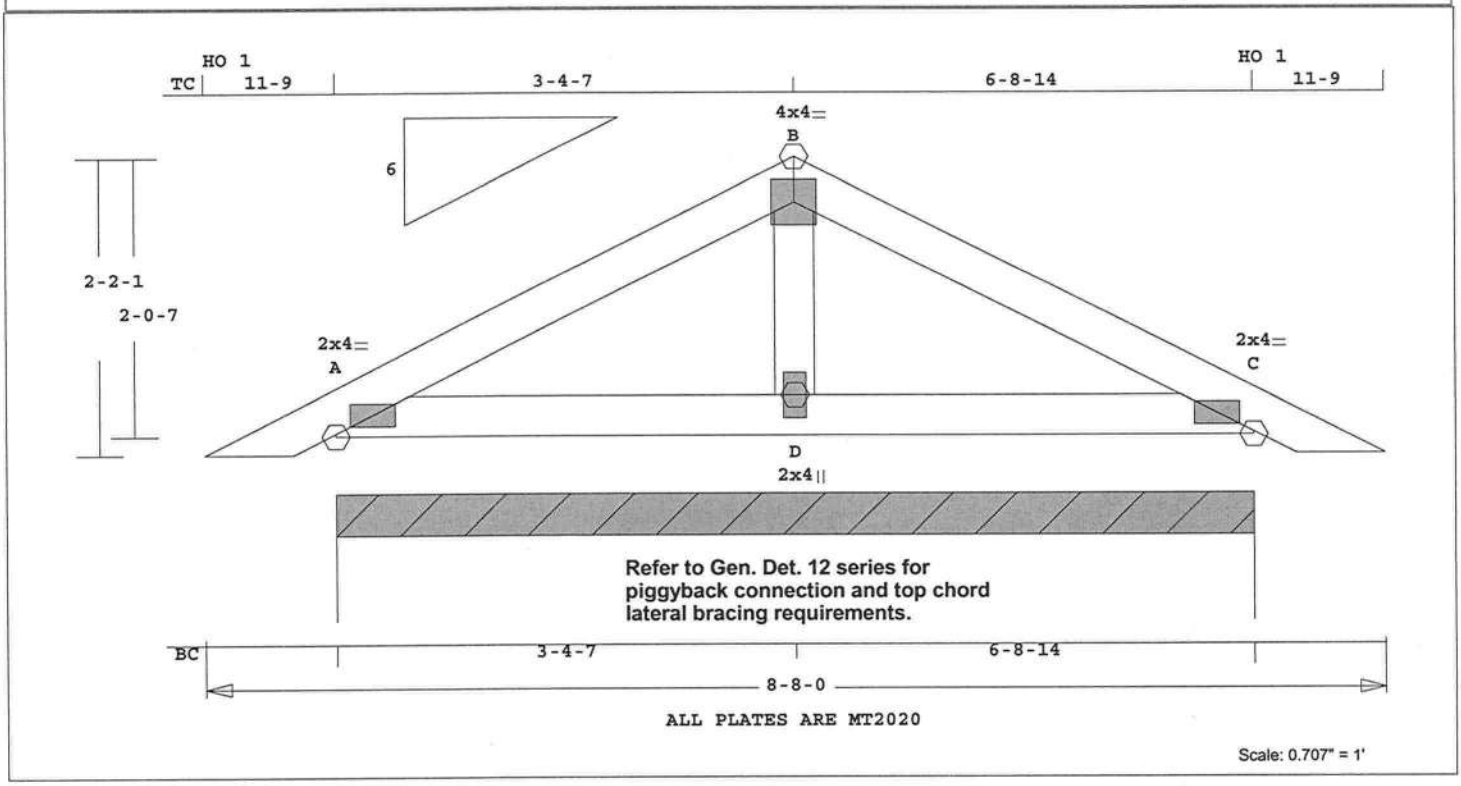


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	*P1*	3	TR	80800	6	11- 9	11- 9	*T3912592*

MEAGAN HOLLOWAY



ALL PLATES ARE MT2020

Scale: 0.707" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 33.7 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.14	2x 4	SP-#2
BC	0.10	2x 4	SP-#2
WB	0.00	2x 4	SP-#2

Brace truss as follows:

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

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	542	121 U	32 R

Jt	Brg Size	Required
A	80.9"	0"-to- 81"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.14	280 T	0.03 0.11
B -C	0.14	280 T	0.03 0.11
--------Bottom Chords---------			
A -D	0.10	13 T	0.00 0.10
D -C	0.10	13 T	0.00 0.10
------------Webs------------			
D -B	0.00	64 T	

TL Defl 0.00" in D -C L/999
LL Defl 0.00" in D -C L/999
Shear // Grain in A -B 0.17

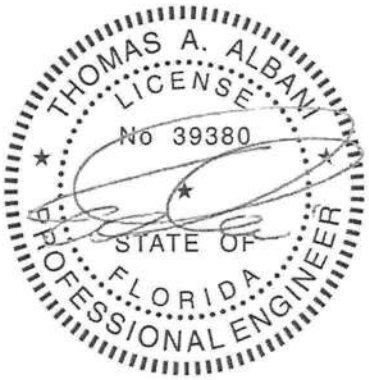
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.65
B	MT20	4.0x 4.0	Ctr	Ctr	0.43
C	MT20	2.0x 4.0	Ctr	Ctr	0.65
D	MT20	2.0x 4.0	Ctr	Ctr	0.12

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
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 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 159 Lbs
Max tens. force 280 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

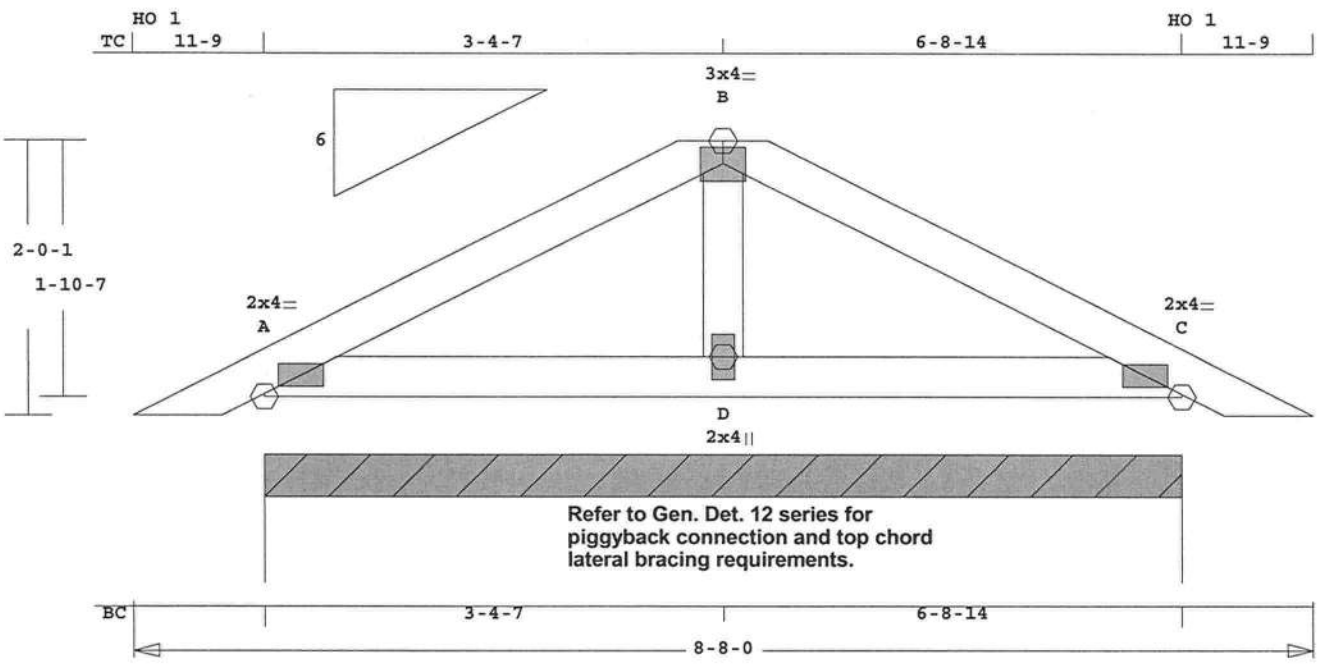


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	*P2*	1	TR	80800	6	11- 9	11- 9	*T3912593*

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 33.4 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.14	2x 4	SP-#2
BC	0.10	2x 4	SP-#2
WB	0.00	2x 4	SP-#2

Brace truss as follows:

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

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	542	121 U	32 R

Jt	Brg Size	Required
A	80.9"	0"-to- 81"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.14	280 T	0.03 0.11
B -C	0.14	280 T	0.03 0.11
--------Bottom Chords---------			
A -D	0.10	13 T	0.00 0.10
D -C	0.10	13 T	0.00 0.10
-------------Webs-------------			
D -B	0.00	64 T	

TL Defl 0.00" in D -C L/999
LL Defl 0.00" in D -C L/999
Shear // Grain in A -B 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	2.0x 4.0	Ctr	Ctr	0.65
B	MT20	3.0x 4.0	Ctr	Ctr	0.52
C	MT20	2.0x 4.0	Ctr	Ctr	0.65
D	MT20	2.0x 4.0	Ctr	Ctr	0.12

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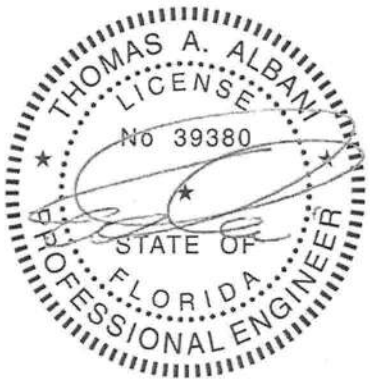
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 159 Lbs
Max tens. force 280 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

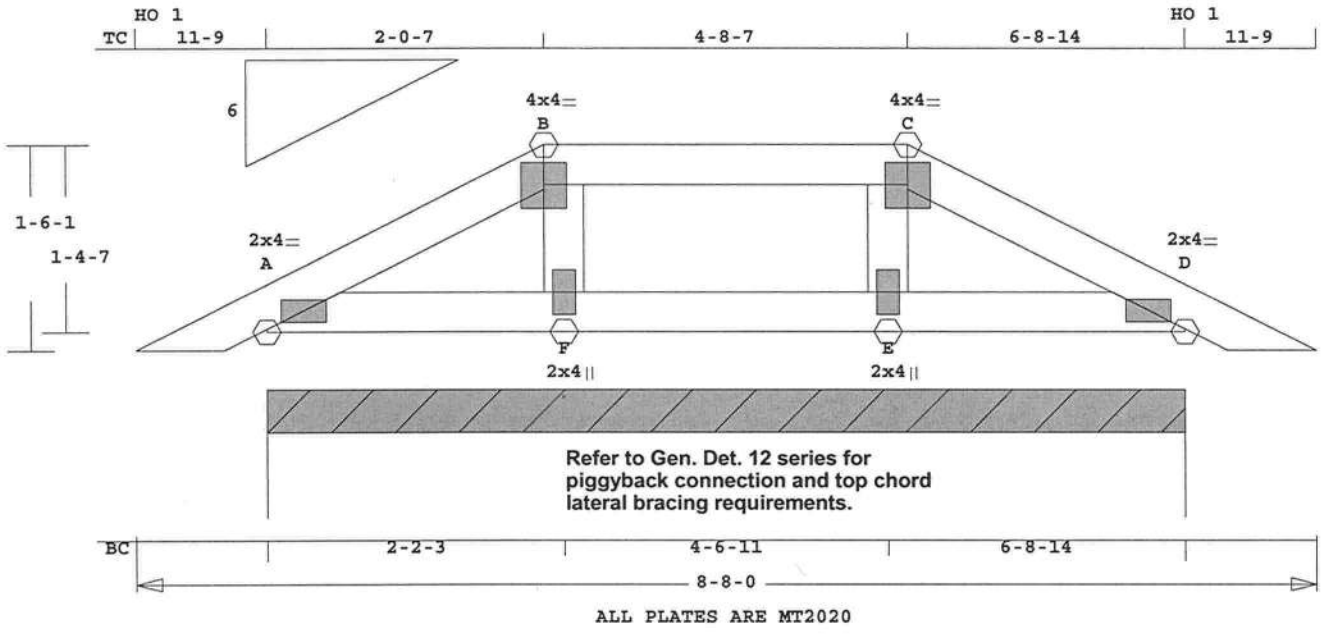


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	P3	1	HIPP	80800	6	11- 9	11- 9	T3912594

MEAGAN HOLLOWAY



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 33.4 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.07	2x 4	SP-#2
BC	0.03	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

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

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	542	121 U	19 R

Jt	Brg Size	Required
A	80.9"	0"-to- 81"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -B	0.05	124 T	0.01 0.04
B -C	0.07	162 T	0.02 0.05
C -D	0.05	124 T	0.01 0.04
Bottom Chords			
A -F	0.03	4 T	0.00 0.03
F -E	0.02	0 T	0.00 0.02
E -D	0.03	4 T	0.00 0.03
Webs			
F -B	0.02	156 T	
E -C	0.02	156 T	

TL Defl 0.00" in A -F L/999
LL Defl 0.00" in F -E L/999
Shear // Grain in A -B 0.09

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
B	MT20	4.0x 4.0	Ctr	Ctr	0.58
C	MT20	4.0x 4.0	Ctr	Ctr	0.58
D	MT20	2.0x 4.0	Ctr	Ctr	0.65
F	MT20	2.0x 4.0	Ctr	Ctr	0.12
E	MT20	2.0x 4.0	Ctr	Ctr	0.12

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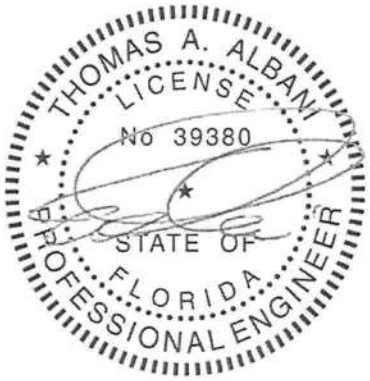
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 99 Lbs
Max tens. force 162 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

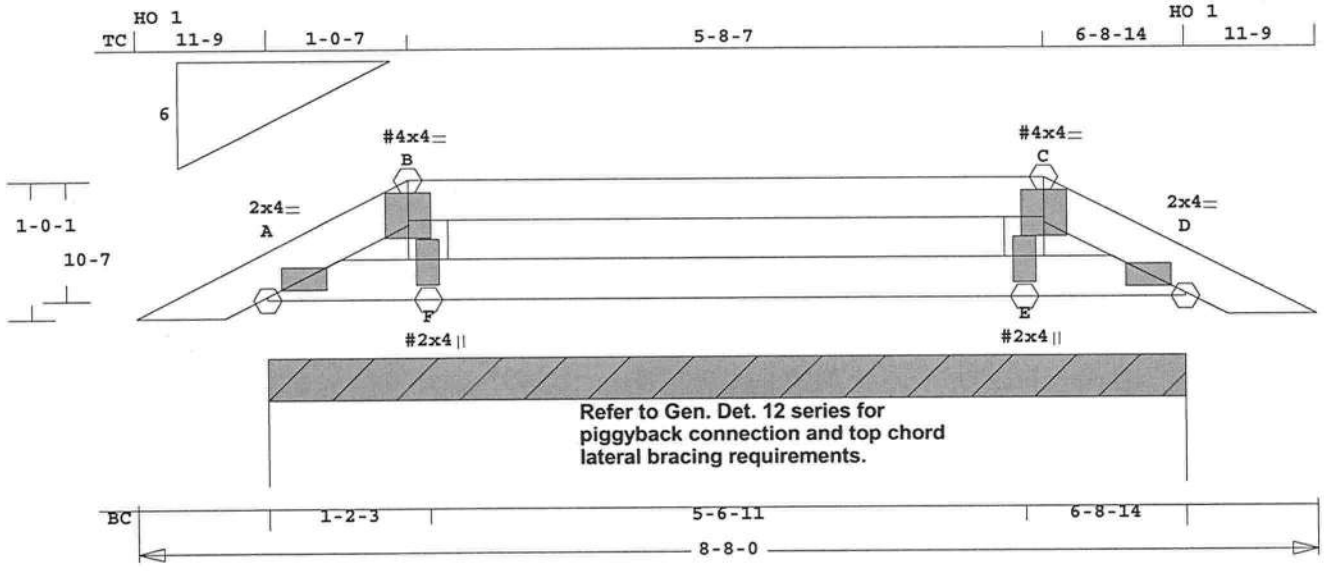


FL Cert. 6634

October 29,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
LDM-MEGAN	P4	1	HIPP	80800	6	11- 9	11- 9	T3912595

MEAGAN HOLLOWAY



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.707" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 31.1 LBS

Online Plus -- Version 27.0.006
RUN DATE: 29-OCT-10

	CSI	-Size-	----Lumber----
TC	0.19	2x 4	SP-#2
BC	0.08	2x 4	SP-#2
WB	0.04	2x 4	SP-#2

Brace truss as follows:

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

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	542	144 U	9 R

Jt	Brg Size	Required
A	80.9"	0"-to- 81"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -B	0.04	23 C	0.00	0.04
B -C	0.19	38 T	0.00	0.19
C -D	0.04	23 C	0.00	0.04
--------Bottom Chords---------				
A -F	0.08	5 C	0.00	0.08
F -E	0.08	0 T	0.00	0.08
E -D	0.08	5 C	0.00	0.08
------------Webs------------				
F -B	0.04	330 T		
E -C	0.04	330 T		

TL Defl -0.01" in F -E L/999
LL Defl -0.01" in F -E L/999
Shear // Grain in B -C 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	2.0x 4.0	Ctr	Ctr	0.65
B#	MT20	4.0x 4.0	Ctr	0.5	0.58
C#	MT20	4.0x 4.0	Ctr	0.4	0.58
D	MT20	2.0x 4.0	Ctr	Ctr	0.65
F#	MT20	2.0x 4.0	-0.1	-0.2	0.26
E#	MT20	2.0x 4.0	Ctr	-0.2	0.26

= Plate Monitor used
REVIEWED BY:
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Tampa, FL 33610

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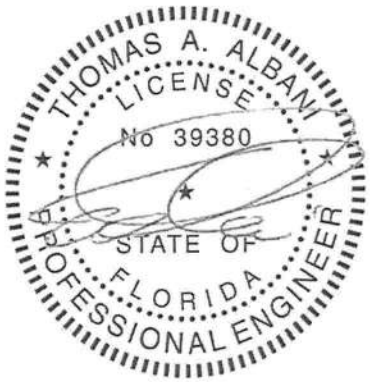
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 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 221 Lbs
Max tens. force 330 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

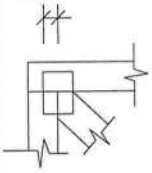


FL Cert. 6634

October 29,2010

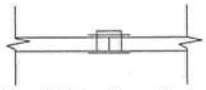
ONLINE PLUS GENERAL NOTES & SYMBOLS

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.

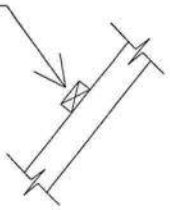
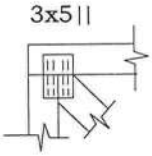


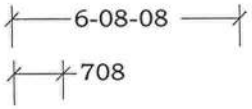
PLATE SIZE AND ORIENTATION

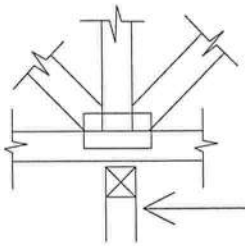


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6'-8.5" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).





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

BEARING

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

Metal 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.

Mitek Industries Inc. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to "Building Component Safety Information" (BCSI 1) 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. When truss hangers are specified on the Truss Design Drawing, they must be installed per manufacturer's details and specifications.

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 MANUFACTURER.

MiTek®
POWER TO PERFORM.™

MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Tel: 813-972-1135
Fax: 813-971-6117