

DATE 07/08/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000027149

APPLICANT MELANIE RODER PHONE 752-2281
ADDRESS 387 SW KEMP CT LAKE CITY FL 32055
OWNER ALLIED INVESTMENTS PHONE 365-7161
ADDRESS 242 NW GUERDON ST LAKE CITY FL 32055
CONTRACTOR ROB STEWART PHONE 867-2059
LOCATION OF PROPERTY 441N, TL ON GUERDON ST. 5TH LOT ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 59200.00
HEATED FLOOR AREA 1112.00 TOTAL AREA 1184.00 HEIGHT 14.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF/MH2 MAX. HEIGHT _____
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE A DEVELOPMENT PERMIT NO. _____

PARCEL ID 20-3S-17-05467-115 SUBDIVISION RUBY PARK
LOT 5 BLOCK 8 PHASE _____ UNIT _____ TOTAL ACRES 0.37

000001629 _____ CBC1252898 _____
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 08-0050 BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: SEC 2.3.1 LEGAL NON-CONFORMING LOT OF RECORD, ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 1152

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by date/app. by date/app. by
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by date/app. by date/app. by
Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by date/app. by
Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by date/app. by date/app. by
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by date/app. by date/app. by
M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by date/app. by
Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by date/app. by date/app. by
M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 300.00 CERTIFICATION FEE \$ 5.92 SURCHARGE FEE \$ 5.92
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 411.84
INSPECTORS OFFICE [Signature] CLERKS OFFICE CH

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 TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

Lots 546
Ruby Park

JW called Linda - 1.15.08

Columbia County Building Permit Application

For Office Use Only Application # 0801-35 Date Received 1/9/08 By G Permit # 1629/27149
Zoning Official RBLK Date 15.01.08 Flood Zone A FEMA Map # N/A Zoning RSF/MH-2
Land Use Res. Land Dev. Elevation N/A MFE 1st River N/A Plans Examiner OK JIH Date 1-14-08
Comments Section 2.3.1. Legal Nonconforming Lot of Record
☐ NOC ☐ EP ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # 20-35-17-05467-000
☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter
Fax 752-2282
Name Authorized Person Signing Permit Linda or Melanie Rock Phone 752-2281
Address 387 SW Kemp Ct Lake City FL 32024
Owners Name Allied Investments Phone 365-7161
911 Address 242 NW Guerdon St. Lake City FL 32055
Contractors Name Rob Stewart Phone 867-2059
Address 507 W Duval Lake City FL 32055
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Will Myers
Mortgage Lenders Name & Address CCB
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy
Property ID Number 20-35-17-05467-115 Estimated Cost of Construction 70K
Subdivision Name Ruby Park Lot 546 Block 8 Unit 8 Phase 8
Driving Directions 441 N on NW Guerdon St. Lot is 5th down on L
Number of Existing Dwellings on Property 0
Construction of Single Family Dwelling Total Acreage 0.37 Lot Size 0.37
Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 14'4"
Actual Distance of Structure from Property Lines - Front 35' Side 13' Side 13' Rear 18'
Number of Stories 1 Heated Floor Area 1112 Total Heated Floor Area 1112 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.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT 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.

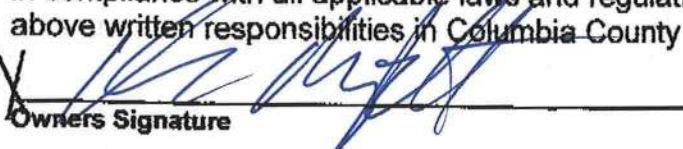
FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

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:

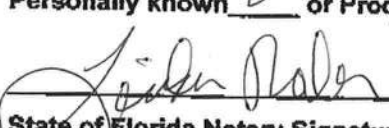
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes 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.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.


Owners Signature

Affirmed under penalty of perjury to by the Owner and subscribed before me this 4 day of Jan 2008

Personally known ☒ or Produced Identification _____

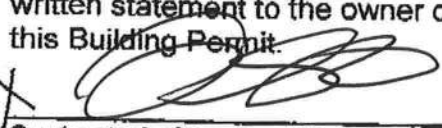

State of Florida Notary Signature (For the Owner)

SEAL:



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

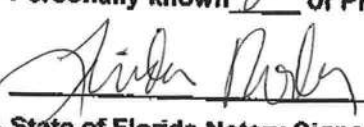
CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.


Contractor's Signature (Permitee)

Contractor's License Number CBC 1252 898
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 4 day of Jan 2008

Personally known ☒ or Produced Identification _____


State of Florida Notary Signature (For the Contractor)

SEAL:



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Prepared by and return to:

Home Town Title of North Florida
2744 US Highway 90 West
Lake City, FL 32055
386-754-7175
File Number: 2006-2522

[Space Above This Line For Recording Data]

Warranty Deed

This Warranty Deed made this 14th day of July, 2006 between **Howard Register** whose post office address is 543 NE Jacksonville Loop, Lake City, FL 32055, grantor, and **Allied Investment Group, Inc** whose post office address is P O Box 3182, Lake City, FL 32056-3182, grantee:

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth, that said grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in **Columbia County, Florida** to-wit:

Lots 1-8, Block 8, Ruby Park, according to the map or plat thereof as recorded in Plat Book 2, page 112, of the public records of Columbia County, Florida.

Parcel Identification Number: R05467-000

The land described herein is not the homestead of the grantor, and neither the grantor nor the grantor's spouse, nor anyone for whose support the grantor is responsible, resides on or adjacent to said land.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to **December 31, 2005**.

Inst:2006017627 Date:07/26/2006 Time:08:57

Doc Stamp-Deed : 210.00

J. P. DeWitt DC, P. DeWitt Cason, Columbia County B:1090 P:2078

DoubleTime®

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

Kelly A. Register
Witness Name: Kelly A. Register

Howard Register (Seal)
Howard Register

Susan Shattler
Witness Name: Susan Shattler

State of Florida
County of Columbia

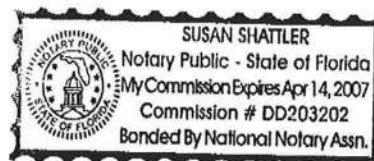
The foregoing instrument was acknowledged before me this 14th day of July, 2006 by Howard Register, who ☐ is personally known or ☒ has produced a driver's license as identification.

[Notary Seal]

Susan Shattler
Notary Public

Printed Name: Susan Shattler

My Commission Expires: _____



Inst:2006017627 Date:07/26/2006 Time:08:57

Doc Stamp-Deed : 210.00

DC, P. DeWitt Cason, Columbia County B:1090 P:2079

Notice of Authorization

I Rob Stewart do hereby authorize Linda Roder or Melanie Roder,

to be my representative and act on my behalf in all aspects of applying for any building

and septic permit to be located in Columbia county.

Any homeowner and legal description

Lots 546 20-35-17-05462-015
20-35-17-05462-016

20-35-17-05462-017
20-35-17-05462-018

[Signature]
Contractor's signature

1-04-08
Date

Sworn and subscribed before me this 4 day of Jan, 2008

[Signature]
Notary Public



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc

My commission expires: _____
Commission No. _____
Personally known _____
Produced ID (Type): _____

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Dan Magstadt - Lot 5**
Address: **Lot: 5, Sub: Ruby Park S/D, Plat:**
City, State: **Lake City, FL 32055-**
Owner: **Ruby Park Specs**
Climate Zone: **North**

Builder:
Permitting Office: **Columbia**
Permit Number: **27149**
Jurisdiction Number: **221000**

1. New construction or existing	New	___	12. Cooling systems		
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 30.0 kBtu/hr	___
3. Number of units, if multi-family	1	___		SEER: 13.00	___
4. Number of Bedrooms	3	___	b. N/A		___
5. Is this a worst case?	No	___	c. N/A		___
6. Conditioned floor area (ft ²)	1096 ft ²	___			___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems		
a. U-factor:	Description Area	___	a. Electric Heat Pump	Cap: 30.0 kBtu/hr	___
(or Single or Double DEFAULT) 7a(Sngle Default)	149.4 ft ²	___		HSPF: 7.70	___
b. SHGC:		___	b. N/A		___
(or Clear or Tint DEFAULT) 7b. (Clear)	149.4 ft ²	___	c. N/A		___
8. Floor types		___			___
a. Slab-On-Grade Edge Insulation	R=0.0, 145.0(p) ft	___	14. Hot water systems		
b. N/A		___	a. Electric Resistance	Cap: 80.0 gallons	___
c. N/A		___		EF: 0.92	___
9. Wall types		___	b. N/A		___
a. Frame, Wood, Exterior	R=13.0, 970.6 ft ²	___	c. Conservation credits		___
b. N/A		___	(HR-Heat recovery, Solar		___
c. N/A		___	DHP-Dedicated heat pump)		___
d. N/A		___	15. HVAC credits		___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,		___
10. Ceiling types		___	HF-Whole house fan,		___
a. Under Attic	R=30.0, 1096.0 ft ²	___	PT-Programmable Thermostat,		___
b. N/A		___	MZ-C-Multizone cooling,		___
c. N/A		___	MZ-H-Multizone heating)		___
11. Ducts(Leak Free)		___			___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 25.0 ft	___			___
b. N/A		___			___

Glass/Floor Area: 0.14

Total as-built points: 16362

Total base points: 18290

PASS

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

PREPARED BY: [Signature]DATE: 1/3/08

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

OWNER/AGENT: [Signature]DATE: 1-07-08

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



BUILDING OFFICIAL: _____

DATE: _____

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.5.2)

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

ADDRESS: Lot: 5, Sub: Ruby Park S/D, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1096.0	18.59	3667.0	1. Single, Clear	W	1.5	8.0	30.0	43.84	0.96	1260.0
				2. Single, Clear	E	6.5	8.0	30.0	47.92	0.57	817.0
				3. Single, Clear	E	1.5	8.0	15.0	47.92	0.96	688.0
				4. Single, Clear	N	1.5	8.0	2.7	21.73	0.97	56.0
				5. Single, Clear	N	1.5	8.0	9.0	21.73	0.97	189.0
				6. Single, Clear	N	1.5	8.0	15.0	21.73	0.97	315.0
				7. Single, Clear	S	1.5	8.0	45.0	40.81	0.92	1695.0
				8. Single, Clear	S	1.5	8.0	2.7	40.81	0.92	101.0
				As-Built Total:		149.4			5121.0		
WALL TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior	13.0		970.6	1.50		1455.9	
Exterior	970.6	1.70	1650.0								
Base Total:				As-Built Total:		970.6			1455.9		
DOOR TYPES											
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	1. Exterior Insulated	40.0 4.10 164.0						
Exterior	40.0	6.10	244.0								
Base Total:				As-Built Total:		40.0			164.0		
CEILING TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1096.0	1.73	1896.1	1. Under Attic	30.0		1096.0	1.73 X 1.00		1896.1	
Base Total:				As-Built Total:		1096.0			1896.1		
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	145.0(p)	-37.0	-5365.0	1. Slab-On-Grade Edge Insulation	0.0		145.0(p)	-41.20		-5974.0	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		145.0			-5974.0		
INFILTRATION											
Area X BSPM = Points				Area X SPM = Points							
1096.0	10.21	11190.2	1096.0 10.21 11190.2								

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

ADDRESS: Lot: 5, Sub: Ruby Park S/D, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT									
Summer Base Points: 13282.3				Summer As-Built Points: 13853.1									
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	= Cooling Points
13282.3		0.3250	4316.7	(sys 1: Central Unit 30000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)									
				13853	1.00	(1.09 x 1.000 x 0.91)	0.260		0.950			3394.0	
				13853.1	1.00	0.992	0.260		0.950			3394.0	

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

ADDRESS: Lot: 5, Sub: Ruby Park S/D, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1096.0	20.17	3979.0	1. Single, Clear	W	1.5	8.0	30.0	28.84	1.01	874.0
				2. Single, Clear	E	6.5	8.0	30.0	26.41	1.23	976.0
				3. Single, Clear	E	1.5	8.0	15.0	26.41	1.02	403.0
				4. Single, Clear	N	1.5	8.0	2.7	33.22	1.00	89.0
				5. Single, Clear	N	1.5	8.0	9.0	33.22	1.00	299.0
				6. Single, Clear	N	1.5	8.0	15.0	33.22	1.00	498.0
				7. Single, Clear	S	1.5	8.0	45.0	20.24	1.04	948.0
				8. Single, Clear	S	1.5	8.0	2.7	20.24	1.04	56.0
				As-Built Total:				149.4	4143.0		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior	13.0		970.6	3.40		3300.0	
Exterior	970.6	3.70	3591.2								
Base Total:				As-Built Total:		970.6		3300.0			
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	1. Exterior Insulated			40.0	8.40		336.0	
Exterior	40.0	12.30	492.0								
Base Total:				As-Built Total:		40.0		336.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1096.0	2.05	2246.8	1. Under Attic	30.0		1096.0	2.05 X 1.00		2246.8	
Base Total:				As-Built Total:		1096.0		2246.8			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	145.0(p)	8.9	1290.5	1. Slab-On-Grade Edge Insulation	0.0		145.0(p)	18.80		2726.0	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		145.0		2726.0			
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1096.0 -0.59 -646.6				1096.0 -0.59 -646.6							

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

ADDRESS: Lot: 5, Sub: Ruby Park S/D, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE			AS-BUILT						
Winter Base Points: 10952.9			Winter As-Built Points: 12105.2						
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
10952.9	0.5540	6067.9	(sys 1: Electric Heat Pump 30000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0 12105.2 1.000 (1.069 x 1.000 x 0.93) 0.443 0.950 5063.1 12105.2 1.00 0.994 0.443 0.950 5063.1						

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Ruby Park S/D, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of		Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						Credit = Total
3		2635.00	7905.0	80.0	0.92	3		1.00	2635.00
									1.00
									7905.0
				As-Built Total:					7905.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
			Hot Water				Hot Water
			Points				Points
			=				=
			Total				Total
			Points				Points
4317		6068	7905	3394		5063	7905
			18290				16362

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Ruby Park S/D, Plat: , Lake City, FL, 32055-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.4

The higher the score, the more efficient the home.

Ruby Park Specs, Lot: 5, Sub: Ruby Park S/D, Plat: , Lake City, FL, 32055-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1096 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 30.0 kBtu/hr
(or Single or Double DEFAULT)	7a(Sngle Default) 149.4 ft ²		HSPF: 7.70
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 149.4 ft ²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 145.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 80.0 gallons
c. N/A		b. N/A	EF: 0.92
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 970.6 ft ²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1096.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 25.0 ft		
b. N/A			

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.5.2)

Energy Code Compliance

Duct System Performance Report

Project Name: Dan Magstadt - Lot 5 Address: City, State: Lake City, FL 32055- Owner: Ruby Park Specs Climate Zone: North	Builder: Permitting Office: Permit Number: Jurisdiction Number:
--	--

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) ☐ Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) ☐ Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____
Printed Name: _____
Florida Rater Certification #: _____
DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at:
<http://energygauge.com/search.htm>



BUILDING OFFICIAL: _____
DATE: _____

FLORIDA DEPARTMENT OF Community Affairs



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

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Product Approval
USER: Public User

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 Application Detail

FL # FL5108
Application Type New
Code Version 2004
Application Status Approved
Comments
 Archived

Product Manufacturer
Address/Phone/Email

MI Windows and Doors
 650 W Market St
 Gratz, PA 17030
 (717) 365-3300 ext 2101
 surich@miwd.com

Authorized Signature

Steven Ulrich
 surich@miwd.com

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Window



(Validator / Operations Administrator)

AAMA CERTIFICATION PROGRAM



AUTHORIZATION FOR PRODUCT CERTIFICATION

MI Windows & Doors, Inc.
P.O. Box 370
Gratz, PA 17030-0370

Attn: Bill Emley

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

1. The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION		RECORD OF PRODUCT TESTED				LABEL ORDER NO.
AAMA/NWWDA 101/I.S. 2-97 H-R55"-36x62						
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED			
MI Windows & Doors, Inc. (Didsmar, FL) MI Windows & Doors, Inc. (Smyrna, TN)	MTL-8 MTL-9	18S/318S SH (Fin) (AL)(O/D)(OG) (ASTM)	<u>FRAME</u> 3'0" x 5'2"	<u>SASH</u> 2'10" x 2'7"	By Request	

2. This Certification will expire May 14, 2008 and requires validation until then by continued listing in the current AAMA Certified Products Directory.
3. Product Tested and Reported by: Architectural Testing, Inc.
Report No.: 01-50360.02
Date of Report: June 14, 2004

NOTE: PLEASE REVIEW,
AND ADVISE ALI IMMEDIATELY
IF DATA, AS SHOWN, NEEDS
CORRECTION.

Date: August 1, 2005

cc: AAMA
JGS/df
ACP-04 (Rev. 5/03)

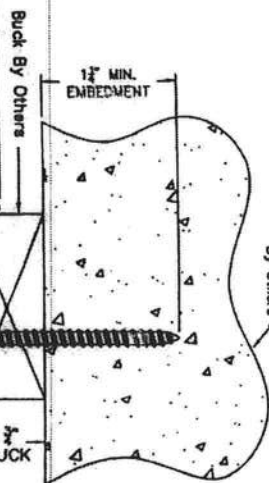
Validated for Certification:

Associated Laboratories, Inc.

Authorized for Certification:

American Architectural Manufacturers Association

Concrete header (shown) or steel lintel
By Others

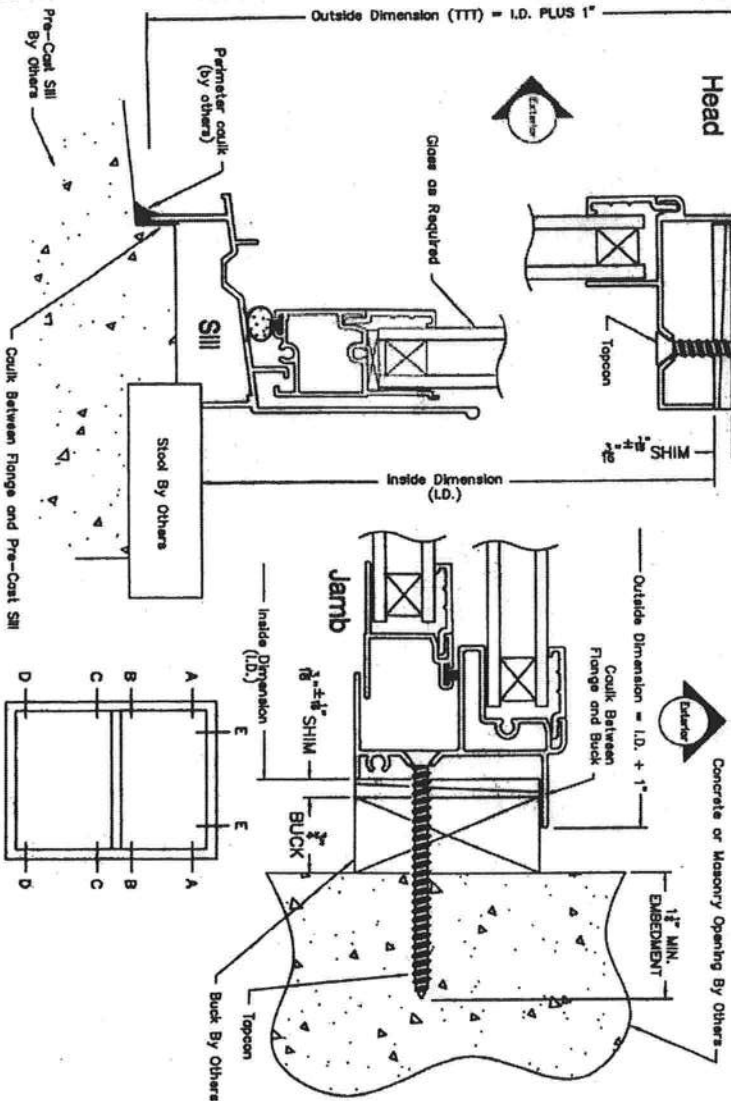


1. Before installation, caulk back of flange, or face of buck.
2. 3/16" dia. masonry Topcon must be of a length to have 1 1/4" embedment into masonry or concrete.
3. Shim as required with load bearing shims at each installation anchor as shown.
4. All factory applied holes not designated for Topcon anchor should be filled with #10 screws of sufficient length to provide min. 5/8" embedment into wood buck.
5. Letter designations on the Topcon location chart indicate where anchors are to be installed using the elevation as a key.
6. If exact window size is not given, use anchor quantity for next larger window in chart.
7. For continuous head and sill twins & triples, use the same fastener schedule for each unit in the main frame except ignore the intermediate jamb.

"TWO BY" bucks are engineered and fastened to the masonry opening BY OTHERS.

Follow the same instructions and fastener requirements for "one by" bucks except use #10 screws of sufficient length for 1 1/4" minimum embedment into buck.

		* TAPCON LOCATION CHART			
CODE	WINDOW ID SIZE	FASTER LOCATIONS			
		UP TO DP35	DP35.1 TO DP65	DP65.1 TO DP68.3	
12	18 1/8 x 25	A D E E	A D E E	A D E E	A D E E
13	18 1/8 x 37 3/8	A D E E	A D E E	A D E E	A D E E
14	18 1/8 x 49 5/8	A D E E	A D E E	A D E E	A D E E
15	18 1/8 x 62	A D E E	A D E E	A D E E	A D E E
16	18 1/8 x 71	A D E E	A D E E	A D E E	A D E E
17	18 1/8 x 83	A D E E	A D E E	A D E E	A D E E
1/2 32	25 1/2 x 25	A D E E	A D E E	A D E E	A D E E
1/2 33	25 1/2 x 37 3/8	A D E E	A D E E	A D E E	A D E E
1/2 34	25 1/2 x 49 5/8	A D E E	A D E E	A D E E	A D E E
1/2 35	25 1/2 x 62	A D E E	A D E E	A D E E	A D E E
1/2 36	25 1/2 x 71	A D E E	A D E E	A D E E	A D E E
1/2 37	25 1/2 x 83	A D E E	A D E E	A D E E	A D E E
22	36 x 25	A D E E	A D E E	A D E E	A D E E
23	36 x 37 3/8	A D E E	A D E E	A D E E	A D E E
24	36 x 49 5/8	A D E E	A D E E	A D E E	A D E E
25	36 x 62	A D E E	A D E E	A D E E	A D E E
26	36 x 71	A D E E	A D E E	A D E E	A D E E
27	36 x 83	A D E E	A D E E	A D E E	A D E E
32	52 1/8 x 25	A D E E	A D E E	A D E E	A D E E
33	52 1/8 x 37 3/8	A D E E	A D E E	A D E E	A D E E
34	52 1/8 x 49 5/8	A D E E	A D E E	A D E E	A D E E
35	52 1/8 x 62	A D E E	A D E E	A D E E	A D E E
36	52 1/8 x 71	A D E E	A D E E	A D E E	A D E E
37	52 1/8 x 83	A D E E	A D E E	A D E E	A D E E
2040	23 3/8 x 47 5/8	A D E E	A D E E	A D E E	A D E E
2050	23 3/8 x 59 5/8	A D E E	A D E E	A D E E	A D E E
2060	23 3/8 x 71 5/8	A D E E	A D E E	A D E E	A D E E
2070	23 3/8 x 83 5/8	A D E E	A D E E	A D E E	A D E E
3040	35 3/8 x 47 5/8	A D E E	A D E E	A D E E	A D E E
3050	35 3/8 x 59 5/8	A D E E	A D E E	A D E E	A D E E
3060	35 3/8 x 71 5/8	A D E E	A D E E	A D E E	A D E E
3070	35 3/8 x 83 5/8	A D E E	A D E E	A D E E	A D E E
4040	47 3/8 x 47 5/8	A D E E	A D E E	A D E E	A D E E
4050	47 3/8 x 59 5/8	A D E E	A D E E	A D E E	A D E E
4060	47 3/8 x 71 5/8	A D E E	A D E E	A D E E	A D E E
4070	47 3/8 x 83 5/8	A D E E	A D E E	A D E E	A D E E
4440	51 3/8 x 59 5/8	A D E E	A D E E	A D E E	A D E E
4450	51 3/8 x 71 5/8	A D E E	A D E E	A D E E	A D E E
4470	51 3/8 x 83 5/8	A D E E	A D E E	A D E E	A D E E



*"TAPCON" TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAWL, & SIMPSON

A	REMOVED BIL INSTALLATION ANCHOR BOLTERS	7/14/04	ms
SYN	REVISION	DATE	BY

MI HOME PRODUCTS
GRATZ, PA

185/3185 SINGLE HUNG FLANGE FRAME
INSTALLATION DETAILS & FASTENER SCHEDULE

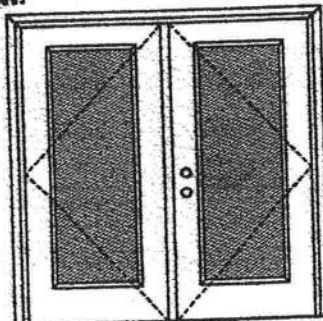
 PTE Product Technology Corporation Phone 407/212.6334 Fax 407/212.6335	ORDER DRL	DATE 06/15/04
SCALE N.T.S.	DRL NO. MHP0055	
REV. LETTER A	SHEET 1 OF 1	

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

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

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



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



107 Series*



108 Series



304 Series

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

Johnson
EntrySystems

March 29, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR Collection
Premium Quality Doors



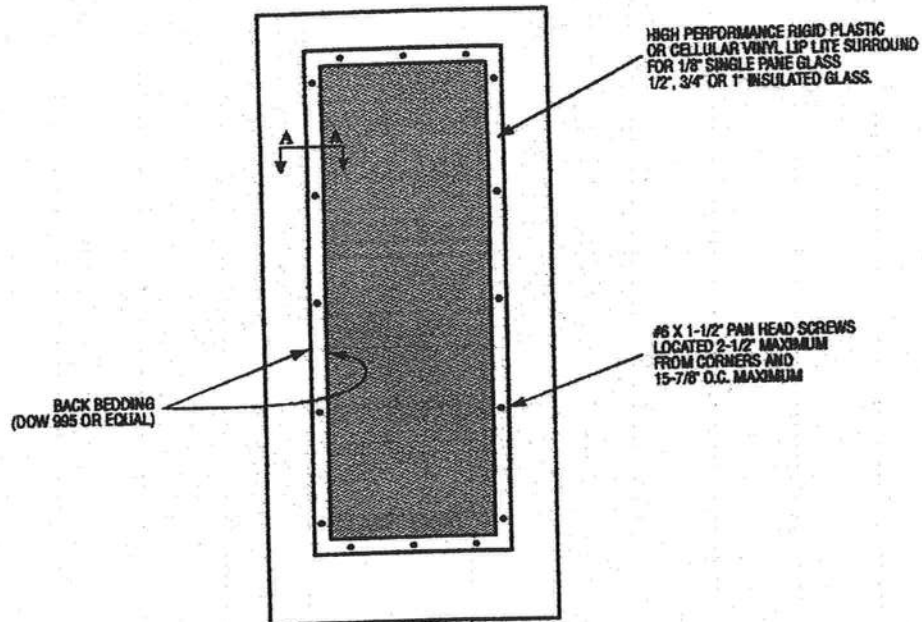
Exclusively from

Masonite

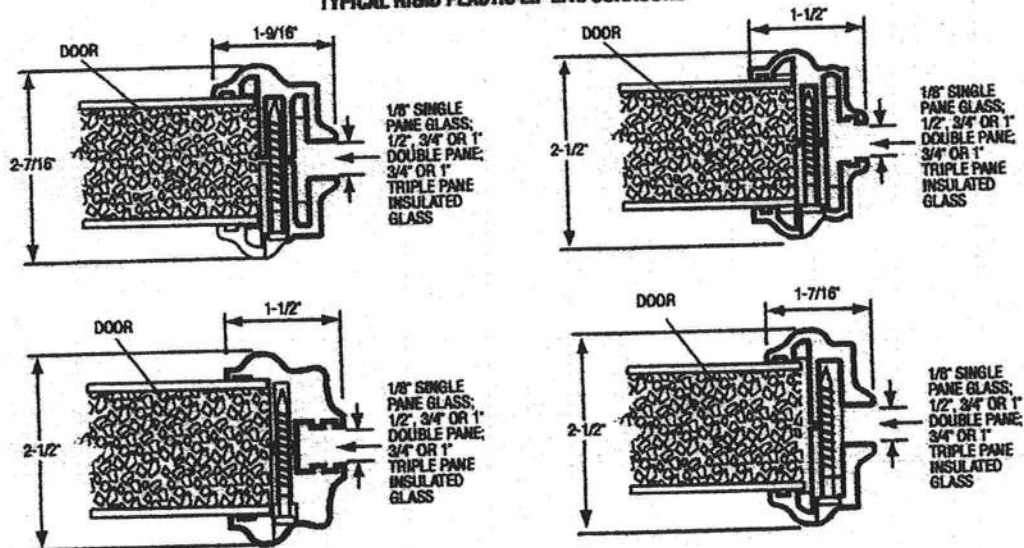
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MAD-WL-MAC041-02

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



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Exclusively from
Masonite
Masonite International Corporation

XX

Glazed Outswing Unit

COP-WL-JH4162-02

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

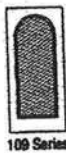
404 Series



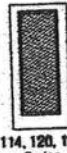
410 Series



450 Series

FULL GLASS:

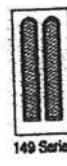
100 Series



114, 120, 122 Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

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

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L Balthaz

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

Johnson
EntrySystems

March 28, 2002

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PRENDOR Collection
Premium Quality Doors



Exclusively from

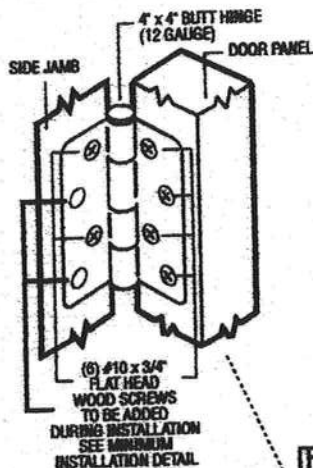
Masonite
Masonite International Corporation

XX
Unit

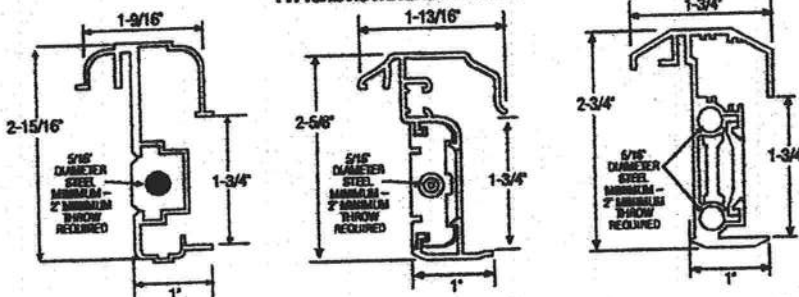
MAD-WL-MA0012-02

OUTSWING UNITS WITH DOUBLE DOOR

TYPICAL HINGE ATTACHMENT



TYPICAL ASTRAGAL PROFILES



ALUMINUM EXTRUDED ASTRAGAL (0.06\"/>

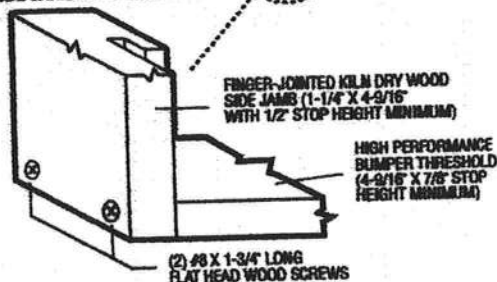
TYPICAL HEADER & SIDE JAMB ATTACHMENT

FINGER-JOINTED KILN DRY WOOD
FRAME HEADER (1-1/4\"/>

(3) 2\"/>

FINGER-JOINTED
KILN DRY WOOD
SIDE JAMB
(1-1/4\"/>

TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



March 29, 2002
Our continuing program of product improvement makes specifications,
design and product detail subject to change without notice.

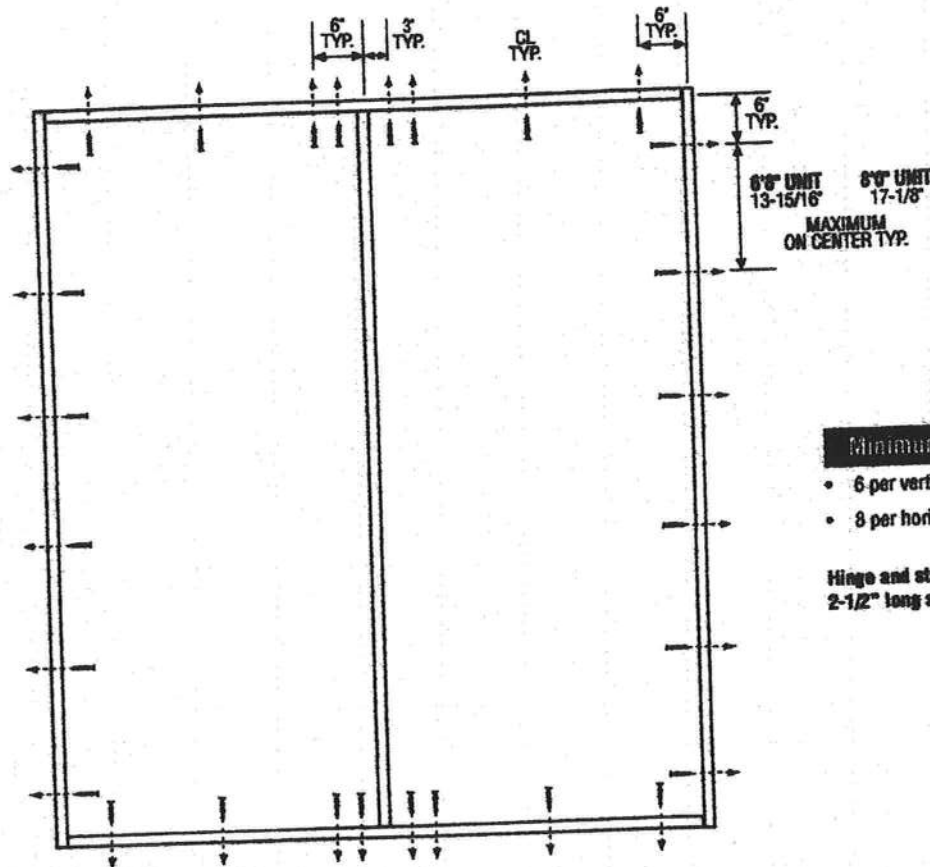
PREMIER Collection
Premium Quality Doors

Exclusively from
Masonite
Masonite International Corporation

XX
Unit

MID-WL-MA0002-02

DOUBLE DOOR



Minimum Fastener Count:

- 6 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Latching Hardware:

- Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 29, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMIER Collection
Premium Quality Doors

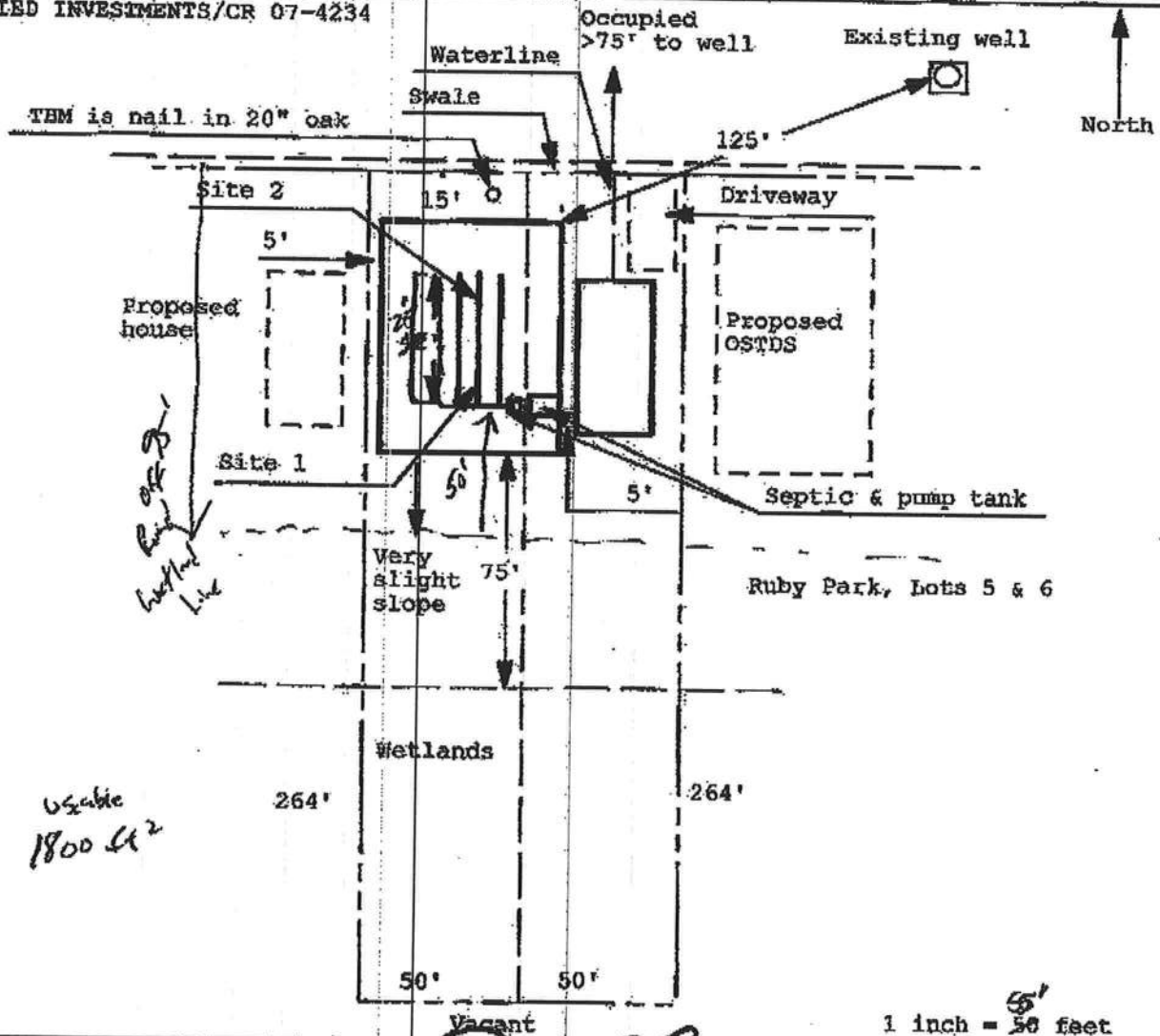
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0801-35

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 08-0050

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

ALLIED INVESTMENTS/CR 07-4234



60x30 usable
1800 sq ft

1 inch = 50 feet

Site Plan Submitted By

Plan Approved

Not Approved

Date

1/11/08

By

[Signature]

Columbia

CPHU

Notes:

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001629

DATE 07/08/2008 PARCEL ID # 20-3S-17-05467-115
APPLICANT MELANIE RODER PHONE 752-2281
ADDRESS 387 SW KEMP CT LAKE CITY FL 32024
OWNER ALLIED INVESTMENTS PHONE 365-7161
ADDRESS 242 NW GUERDON ST LAKE CITY FL 32055
CONTRACTOR ROB STEWART PHONE 867-2059
LOCATION OF PROPERTY 441, TL ON GUERDON ST, 5TH LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT RUBY PARK 5

SIGNATURE

Melanie Roder

INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

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



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



FAX

Date: 7-8-08

To: Gail

Linda Roder

From: North FL Permit Services, Inc

Ph: 386-752-2281 Fax: 386-752-2282

Pages: 3

2 jobs- pick up permits today

0801-34	Lots	748 Allied Investments	ck#	1151
0801-35	Lots	546 Allied Investments	ck#	1152

Melanie will bring over the NOC for both jobs. Please call with amounts for each permit. Thanks!

Linda

145
017

Shingle

FLORIDA DEPARTMENT OF Community Affairs



Product Approval
USER: Public User

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

FL #
Application Type
Code Version
Application Status
Comments
Archived

FL1956-R1

Revision

2004

Approved

1

Product Manufacturer
Address/Phone/Email

TAMKO Building Products, Inc.
PO Box 1404
Joplin, MO 64802
(800) 641-4691 ext 2394
fred_oconnor@tamko.com

Authorized Signature

Frederick O'Connor
fred_oconnor@tamko.com

Technical Representative
Address/Phone/Email

Frederick J. O'Connor
PO Box 1404
Joplin, MO 64802
(800) 641-4691
fred_oconnor@tamko.com

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Roofing
Asphalt Shingles

Compliance Method
Certification Agency

Certification Mark or Listing
Underwriters Laboratories Inc.

Referenced Standard and Year (of Standard)

Standard
ASTM D 3462

Year
2001

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

06/09/2005
06/20/2005
06/25/2005
06/29/2005

Summary of Products

FL #	Model, Number or Name	Description

slopes of 2:12 or greater. Not approved for use in HVHZ.

[Back](#)

[Next](#)

DCA Administration
Department of Community Affairs
Florida Building Code Online
Codes and Standards

2555 Shumard Oak Boulevard
 Tallahassee, Florida 32399-2100
 (850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:





**Underwriters
Laboratories Inc.**

Northbrook Division

333 Plingston Road
Northbrook, IL 60062-2006 USA
www.ul.com
tel: 1 847 272 8600

June 17, 2005

Tamko Roofing Products
Ms. Kerri Eden
P.O. Box 1404
220 W. 4th Street
Joplin, MO 64802-1404

Our Reference: R2919

This is to confirm that "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage 50 AR", "Glass-Seal AR" manufactured at Tuscaloosa, AL and "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage XL AR", "Heritage 50 AR" manufactured at Frederick, MD and "Heritage 30 AR", "Heritage XL AR", and "Heritage 50 AR" manufactured in Dallas, TX are UL Listed asphalt glass mat shingles and have been evaluated in accordance with ANSI/UL 790, Class A (ASTM E108), ASTM D3462, ASTM D3161 or UL 997 modified to 110 mph when secured with four nails.

Let me know if you have any further questions.

Very truly yours,

Alpesh Patel (Ext. 42522)
Engineer Project
Fire Protection Division

Reviewed by,

Randall K. Laymon (Ext. 42687)
Engineer Sr Staff
Fire Protection Division



Application Instructions for • HERITAGE® VINTAGE™ AR – Phillipsburg, KS LAMINATED ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

I. ROOF DECK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of the American Plywood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongue-and-groove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

TAMKO does not recommend re-roofing over existing roof.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

1. Vapor Condensation
2. Buckling of shingles due to deck movement.
3. Rotting of wood members.
4. Premature failure of roof.

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents. FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION.

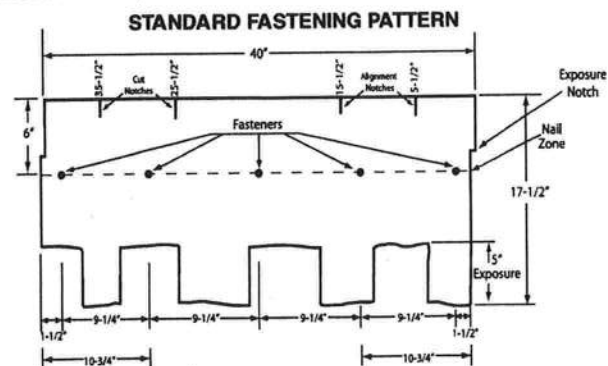
3. FASTENERS

WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, this will result in the termination of TAMKO's liabilities under the limited warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable miles per hour as stated in the limited warranty. See limited warranty for details.

FASTENING PATTERNS: Fasteners must be placed 6 in. from the top edge of the shingle located horizontally as follows:

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1-1/2 in. back from each end, one 10-3/4 in. back from each end and one 20 in. from one end of the shingle for a total of 5 fasteners. (See standard fastening pattern illustrated below).



2) Mansard or Steep Slope Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) Use standard nailing instructions with four additional nails placed 6 in. from the butt edge of the shingle making certain nails are covered by the next (successive) course of shingles.

(Continued)

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www.tamko.com

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Southwest District
Western District

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4500 Tamko Dr., Frederick, MD 21701
2300 35th St., Tuscaloosa, AL 35401
7910 S. Central Exp., Dallas, TX 75216
5300 East 43rd Ave., Denver, CO 80216

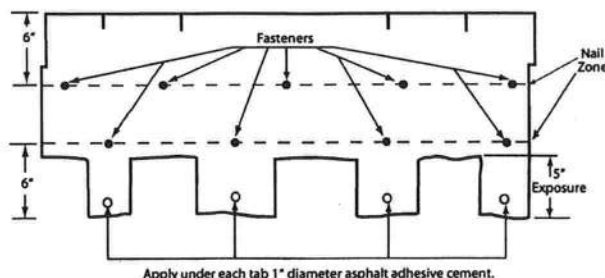
800-641-4691
800-368-2055
800-228-2656
800-443-1834
800-530-8868

05/06

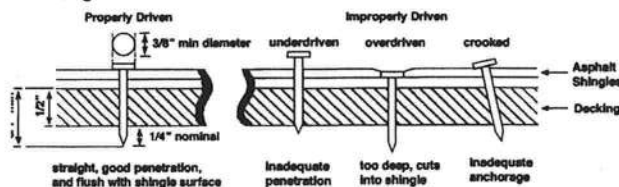
• **HERITAGE® VINTAGE™ AR** – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

Each shingle tab must be sealed underneath with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a \$.25 piece and applied to shingles with a 5 in. exposure, use 9 fasteners per shingle.

MANSARD FASTENING PATTERN



NAILS: TAMKO recommends the use of nails as the preferred method of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12 gauge wire, and a minimum head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in. into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.



4. UNDERLAYMENT

UNDERLAYMENT: An underlayment consisting of asphalt saturated felt must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles and leaks which are not covered by TAMKO's limited warranty. Apply the felt when the deck is dry. On roof decks 4 in. per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the underlayment felt may be adversely affected by moisture and weathering. Laying of the underlayment and the shingle application must be done together.

Products which are acceptable for use as underlayment are:

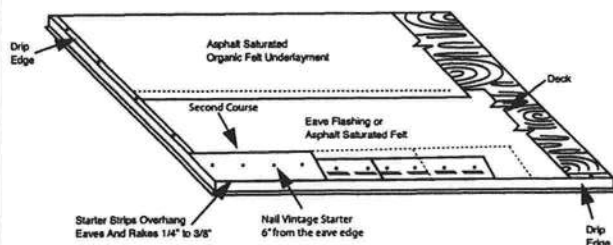
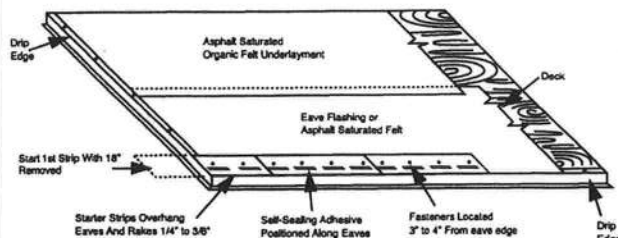
- TAMKO No. 15 Asphalt Saturated Organic Felt
- A non-perforated asphalt saturated organic felt which meets ASTM: D226, Type I or ASTM D4869, Type I
- Any TAMKO non-perforated asphalt saturated organic felt
- TAMKO TW Metal and Tile Underlayment, TW Underlayment and Moisture Guard Plus® (additional ventilation maybe required. Contact TAMKO's technical services department for more information)

In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus® waterproofing underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information. TAMKO does not recommend the use of any substitute products as shingle underlayment.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: Two starter course layers must be applied prior to application of Heritage Vintage AR Shingles.

The first starter course may consist of TAMKO Shingle Starter, three tab self-sealing type shingles or a 9 inch wide strip of mineral surface roll roofing. If three tab self-sealing shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves. If using three tab self-sealing shingles or shingle starter, remove 18 in. from first shingle to offset the end joints of the Vintage Starter. Attach the first starter course with approved fasteners along a line parallel to and 3 in. to 4 in. above the eave edge. The starter course should overhang both the eave and rake edge 1/4 in. to 3/8 in. Over the first starter course, install Heritage Vintage Starter AR and begin at the left rake edge with a full size shingle and continue across the roof nailing the Heritage Vintage Starter AR along a line parallel to and 6 in. from the eave edge.



Note: Do not allow Vintage Starter AR joints to be visible between shingle tabs. Cutting of the starter may be required.

HERITAGE VINTAGE STARTER AR
12 1/2" x 36" 20 PIECES PER BUNDLE
60 LINEAL FT. PER BUNDLE

(Continued)

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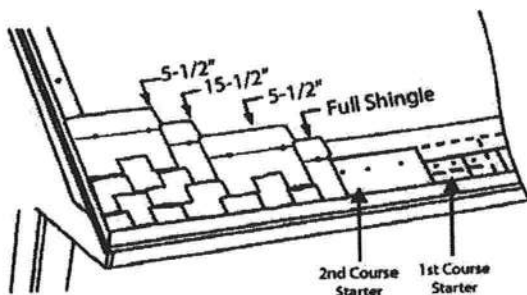
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• **HERITAGE® VINTAGE™ AR** – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

SHINGLE APPLICATION: Start the first course at the left rake edge with a full size shingle and overhang the rake edge 1/4 in. to 3/8 in.. To begin the second course, align the right side of the shingle with the 5-1/2 in. alignment notch on the first course shingle making sure to align the exposure notch. (See shingle illustration on next page) Cut the appropriate amount from the rake edge so the overhang is 1/4" to 3/8". For the third course, align the shingle with the 15-1/2 in. alignment notch at the top of the second course shingle, again being sure to align the exposure notch. Cut the appropriate amount from the rake edge. To begin the fourth course, align the shingle with the 5-1/2 in. alignment notch from the third course shingle while aligning the exposure notch. Cut the appropriate amount from the rake edge. Continue up the rake in as many rows as necessary using the same formula as outlined above. Cut pieces may be used to complete courses at the right side. As you work across the roof, install full size shingles taking care to align the exposure notches. Shingle joints should be no closer than 4 in.



6. LOW SLOPE APPLICATION

On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of underlayment. Begin by applying the underlayment in a 19 in. wide strip along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the laps of the entire underlayment to each other with plastic cement from eaves and rakes to a point of at least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

7. VALLEY APPLICATION

TAMKO recommends an open valley construction with Heritage Vintage AR shingles.

To begin, center a sheet of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment in the valley.

After the underlayment has been secured, install the recommended corrosion resistant metal (26 gauge galvanized metal or an equivalent) in the valley. Secure the valley metal to the roof deck. Overlaps should be 12" and cemented.

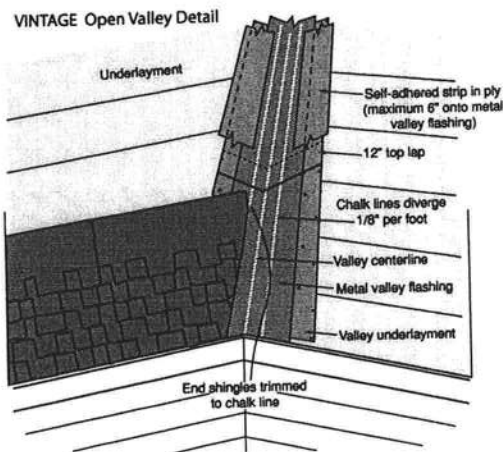
Following valley metal application; a 9" to 12" wide strip of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment should be applied along the edges of the metal valley flashing (max. 6" onto metal valley flashing) and on top of the valley underlayment. The valley will be completed with shingle application.

SHINGLE APPLICATION INSTRUCTIONS (OPEN VALLEY)

- Snap two chalk lines, one on each side of the valley centerline over the full length of the valley flashing. Locate the upper ends of the chalk lines 3" to either side of the valley centerline.
- The lower end should diverge from each other by 1/8" per foot. Thus, for an 8' long valley, the chalk lines should be 7" either side of the centerline at the eaves and for a 16' valley 8".

As shingles are applied toward the valley, trim the last shingle in each course to fit on the chalk line. Never use a shingle trimmed to less than 12" in length to finish a course running into a valley. If necessary, trim the adjacent shingle in the course to allow a longer portion to be used.

- Clip 1" from the upper corner of each shingle on a 45° angle to direct water into the valley and prevent it from penetrating between the courses.
- Form a tight seal by cementing the shingle to the valley lining with a 3" width of asphalt plastic cement (conforming to ASTM D 4586).



• CAUTION:

Adhesive must be applied in smooth, thin, even layers.

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.

(Continued)



(CONTINUED from Pg. 3)

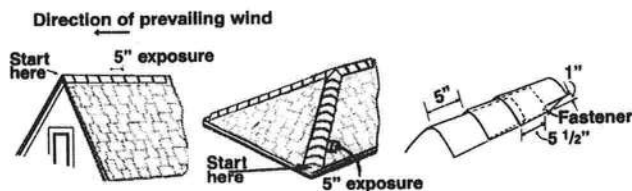
• HERITAGE® VINTAGE™ AR – Phillipsburg, KS LAMINATED ASPHALT SHINGLES

8. HIP AND RIDGE FASTENING DETAIL

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener on each side, 5-1/2 in. back from the exposed end and 1 in. up from the edge. TAMKO recommends the use of TAMKO Heritage Vintage Hip & Ridge shingle products.

Fasteners should be 1/4 in. longer than the ones used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLE IN COLD WEATHER.



THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

TAMKO®, Moisture Guard Plus®, Nail Fast® and Heritage® are registered trademarks and Vintage™ is a trademark of TAMKO Building Products, Inc.

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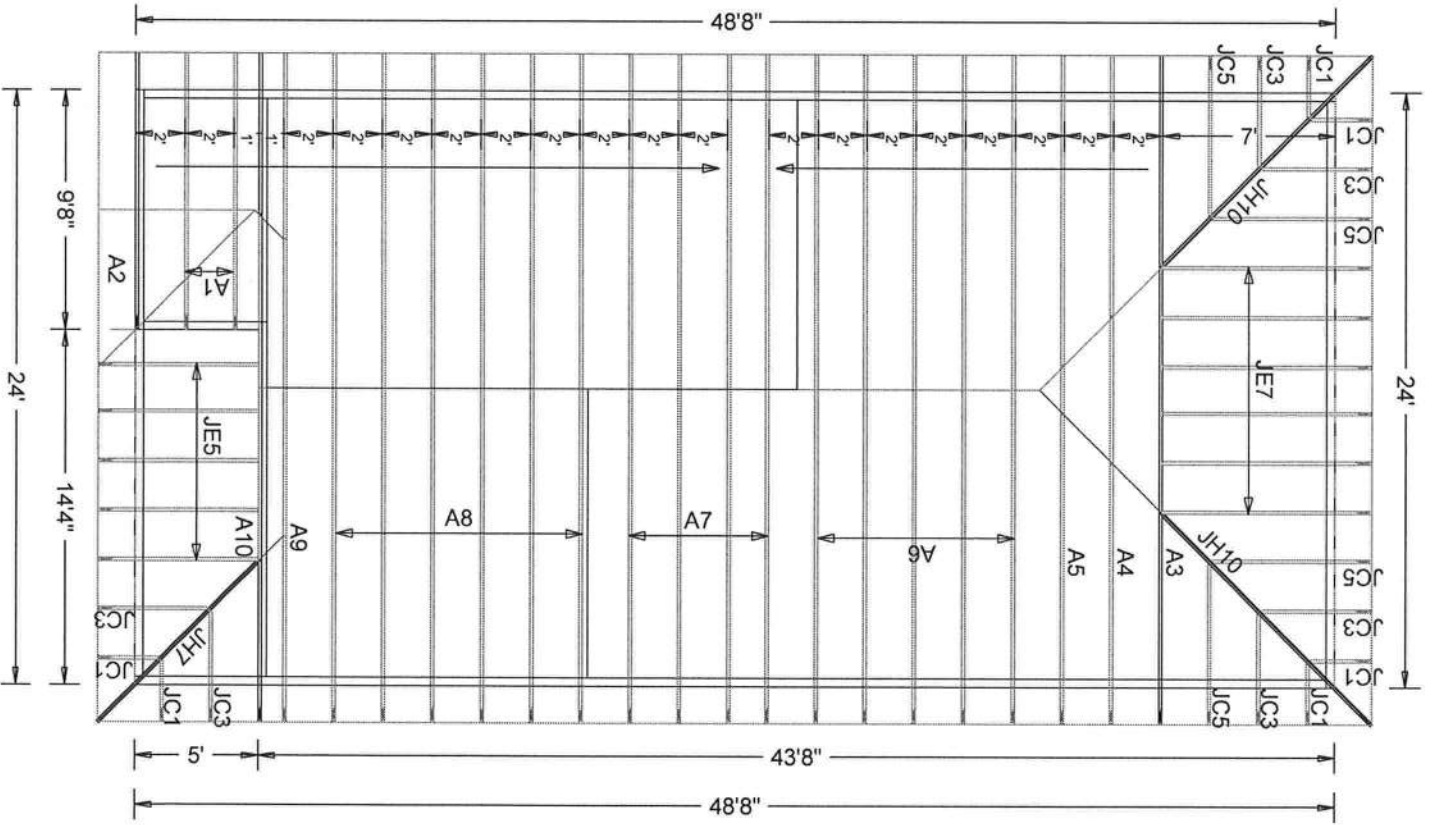
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800-530-8868

05/06

W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH: 6/12
CLG PITCH: 3/12
OVERHANG: 18" PLUMB CUT
LOADING: 40 PSF T.L./SHINGLE
WIND LOAD: 110 MPH/ENCLOSED
EXT WALLS: 2x4 FRAMING
DATE: 1-7-08



Job Name: ROB STEWART-GUERDON ST. L
Customer: Contractor
Designer: Chris McCall

JOB NO:
5156

PAGE NO:
1 OF 1

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number _____

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): 20-35-17-06467-105/106
 a) Street (job) Address: 242 N.W. Guerdon St. Lake City FL 32055
 2. General description of improvements: Speculation home

3. Owner Information

- a) Name and address: Allied Investment Group P.O. Box 3182 Lake City FL 32056-3182
 b) Name and address of fee simple titleholder (if other than owner) _____
 c) Interest in property NA

4. Contractor Information

- a) Name and address: Rob Stewart
 b) Telephone No.: 758-1880 or 867-2059 Fax No. (Opt.) _____

5. Surety Information

- a) Name and address: NA
 b) Amount of Bond: NA
 c) Telephone No.: _____ Fax No. (Opt.) _____

6. Lender

- a) Name and address: NA
 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: NA
 b) Telephone No.: _____ 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: NA
 b) Telephone No.: _____ 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
 Linda R. Roder
 Commission # DD755608
 Expires: MAR. 24, 2012
 BONDED THRU ATLANTIC BONDING CO., INC.

10. X [Signature]
 Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
DAN MAGSTADT
 Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 8 day of July, 2008, by:

Dan Magstadt as _____ (type of authority, e.g. officer, trustee, attorney)
 fact) for _____ (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification _____ Type _____

Notary Signature [Signature] Notary Stamp or Seal: _____

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.

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 0 278

Florida Certificate of Product Approval # FL1999

Page 1 of 1 Document ID:1TDY215-Z0307141259

Truss Fabricator: W.B. Howland
Job Identification: 5156-/ROB STEWART-GUERDON ST. L /Contractor -- , FL
Truss Count: 17
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.38.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: A11015EE-GBLLETIN-

Seal Date: 01/07/2008

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	62273--A1		08007010	01/07/08
2	62274--A2		08007002	01/07/08
3	62275--A3		08007012	01/07/08
4	62276--A4		08007013	01/07/08
5	62277--A5		08007014	01/07/08
6	62278--A6		08007015	01/07/08
7	62279--A7		08007016	01/07/08
8	62280--A8		08007003	01/07/08
9	62281--A9		08007020	01/07/08
10	62282--A10		08007017	01/07/08
11	62283--JC1		08007006	01/07/08
12	62284--JC3		08007005	01/07/08
13	62285--JC5		08007004	01/07/08
14	62286--JE5		08007011	01/07/08
15	62287--JE7		08007007	01/07/08
16	62288--JH7		08007008	01/07/08
17	62289--JH10		08007009	01/07/08



(5156- /ROB STEWART-GUERDON ST. L /Contractor -- , FL - A1)

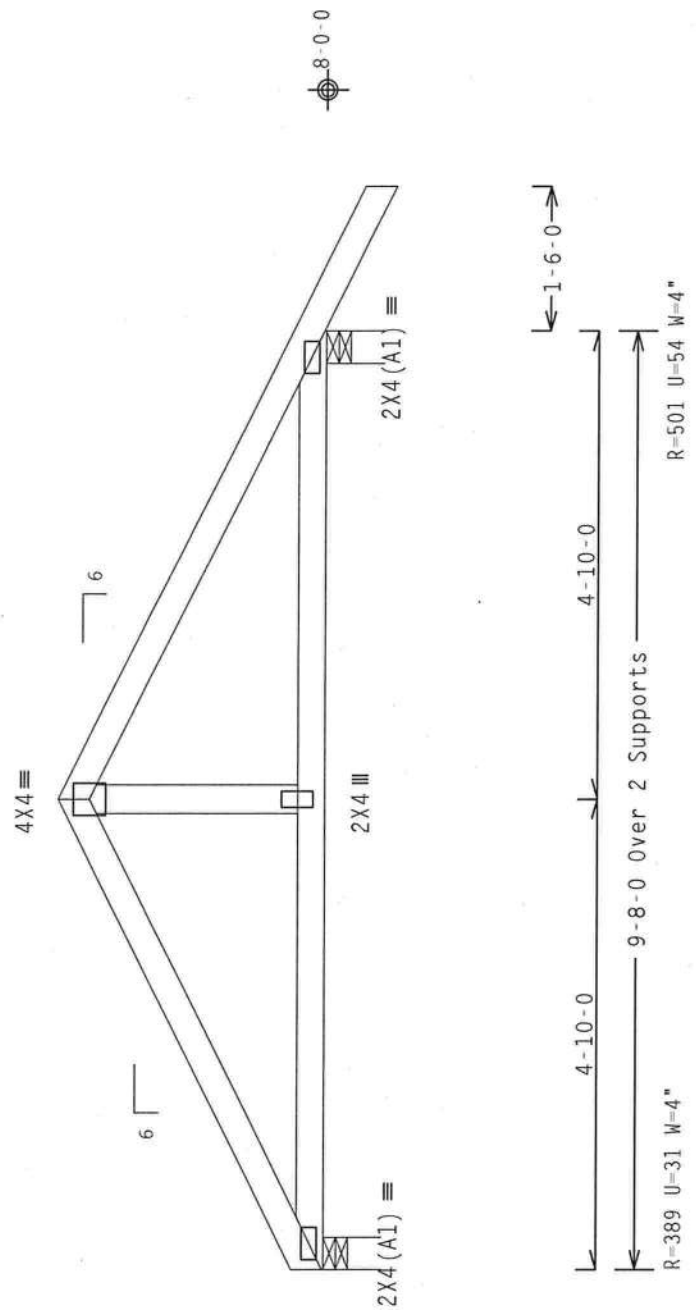
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

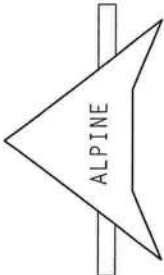
Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-9-3.

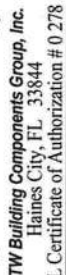


Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	Cq/RT=1.00(1.25)/0(0) 7.38.0810.02		QTY:2	FL/-/5/-/-/R/-	Scale =.5"/Ft.	
	Design Crit: TPI-2002(STD)/FBC		TC LL	20.0 PSF	REF	R215-- 62273
	Design Crit: TPI-2002(STD)/FBC		TC DL	10.0 PSF	DATE	01/07/08
	Design Crit: TPI-2002(STD)/FBC		BC DL	10.0 PSF	DRW	HCUSR215 08007010
	Design Crit: TPI-2002(STD)/FBC		BC LL	0.0 PSF	HC-ENG	WHK/WHK *
	Design Crit: TPI-2002(STD)/FBC		TOT.LD.	40.0 PSF	SEQN-	211445
	Design Crit: TPI-2002(STD)/FBC		DUR.FAC.	1.25	FROM	CDM
Design Crit: TPI-2002(STD)/FBC		Cq/RT=1.00(1.25)/0(0) 7.38.0810.02		SPACING	24.0"	JREF- 1TDY215_Z03



ALPINE



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Haines City, FL 33844
FL Certificate of Authorization # 0 278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Truss spaced at 24.0" OC designed to support 2-0-0 top chord
outlookers. Cladding load shall not exceed 0.00 PSF. Top chord must
not be cut or notched.

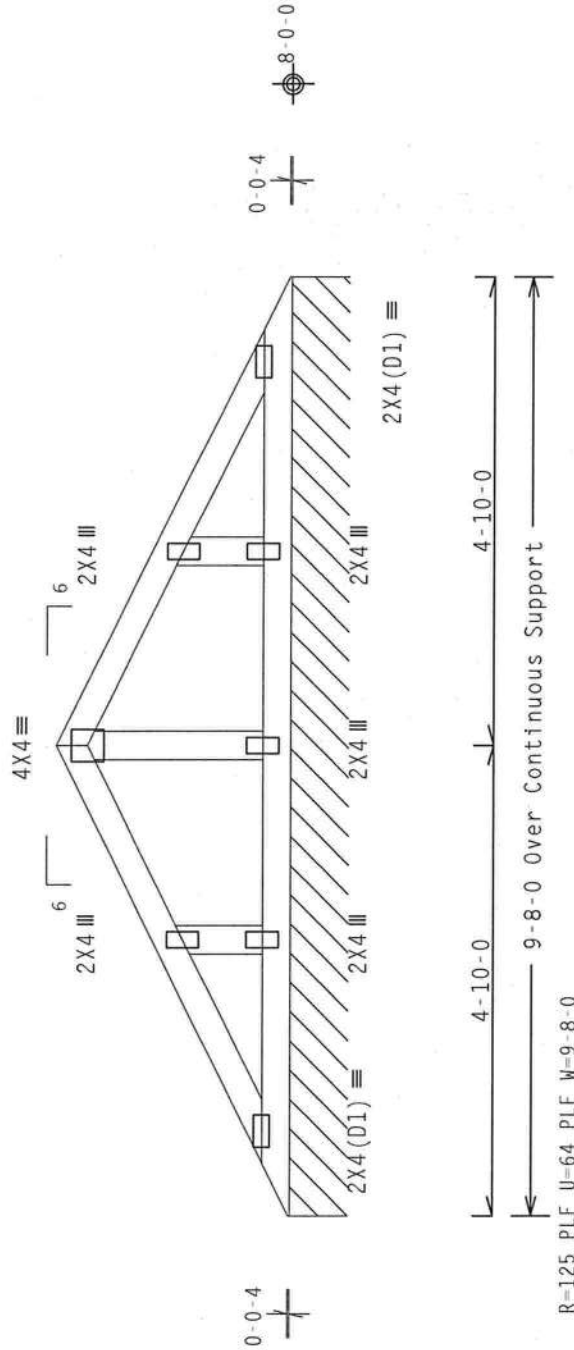
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located
anywhere in roof; CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. $I_w=1.00$ GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 2-5-4.



Design Crit: TPI-2002(STD)/FBC

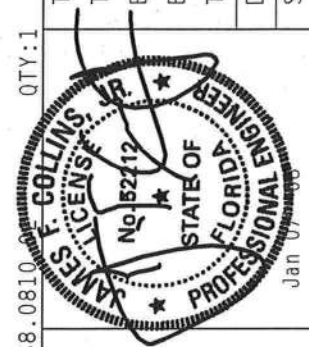
Cq/RT=1.00(1.25)/0(0) 7.38.0810

Scale = 5"/Ft.

PLT TYP. Wave	QTY:1	FL/-/5/-/-/R/-	REF R215-- 62274
	TC LL	20.0 PSF	DATE 01/07/08
	TC DL	10.0 PSF	DRW HCUSR215 08007002
	BC DL	10.0 PSF	HC-ENG WHK/WHK *
	BC LL	0.0 PSF	SEQN- 211442
	TOT.LD.	40.0 PSF	FROM CDM
	DUR.FAC.	1.25	JREF- 1TDY215_Z03
	SPACING	SEE ABOVE	



FL Certificate of Authorization # 0 278



Top chord 2x4 SP #2 N : T2 2x6 SP #2 N :

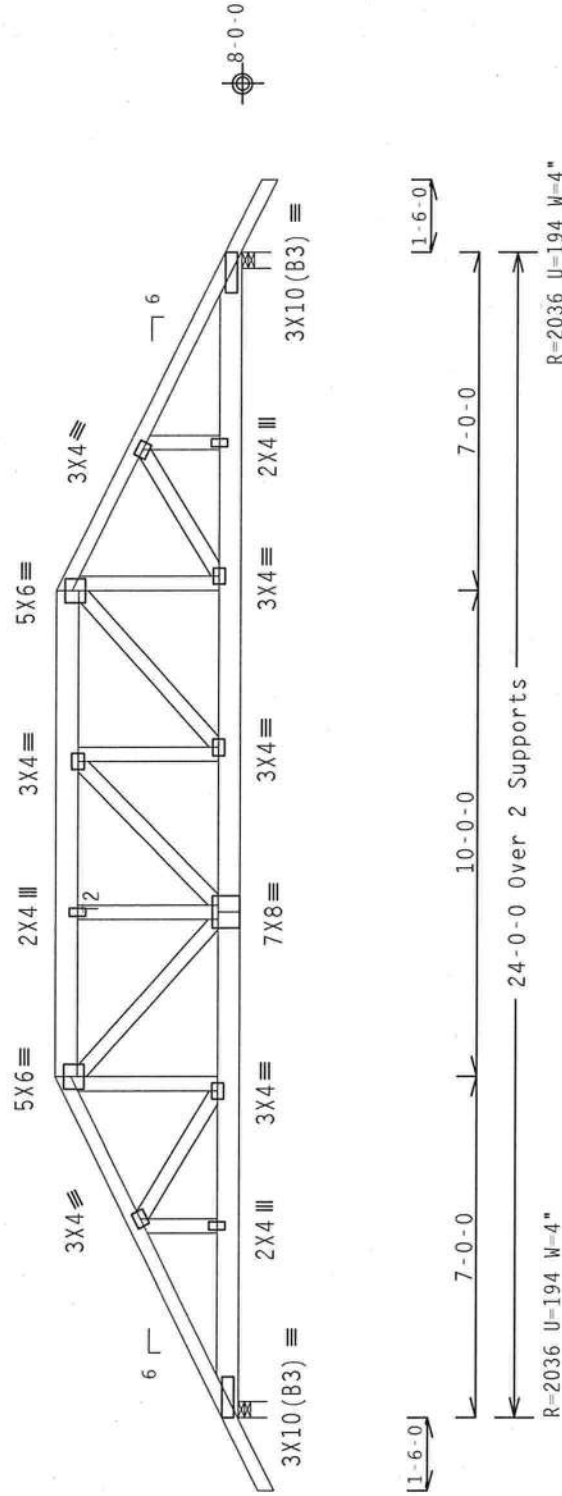
110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi (+/-)=0.18

#1 hip supports 7-0-0 jacks with no webs.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-10-3.



Design Crit: TPI-2002(STD)/FBC

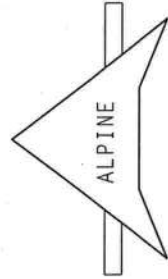
QTY:1 FL/-/5/-/-/R/- Scale = 25"/Ft.

PLT TYP. Wave

WARNING: THUSSE'S REQUIRE EXTREME CARE IN FABRICATING, SHIPPING, INSTALLING AND BRACING REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TOWNS PLACE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH TP1- OR TABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRACTORS MUST APPLY FOLLOWING NOTES (NATIONAL DESIGN SPEC., BY AFAPA) AND TP1. ITN BCG HAS CONDUCTED VISUAL INSPECTIONS OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 2 THROUGH 6, ALL PLATES TO EACH FACE OF TRUSS AND JOINTS ARE TO BE GALVANNEAL STEEL. A SEAL ON THIS PLATE INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AM5/TP1 1 SEC. 2.



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Haines City, FL 33844

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FL Certificate of Authorization # 0 278

TC LL	20.0	PSF	REF R215- 62275
TC DL	10.0	PSF	DATE 01/07/08
BC DL	10.0	PSF	DRW HCURS215 08007012
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	40.0	PSF	SEQN- 211378
DUR.FAC.	1.25		FROM CDM
SPACING	SEE ABOVE		JREF- 1TDY215_Z03

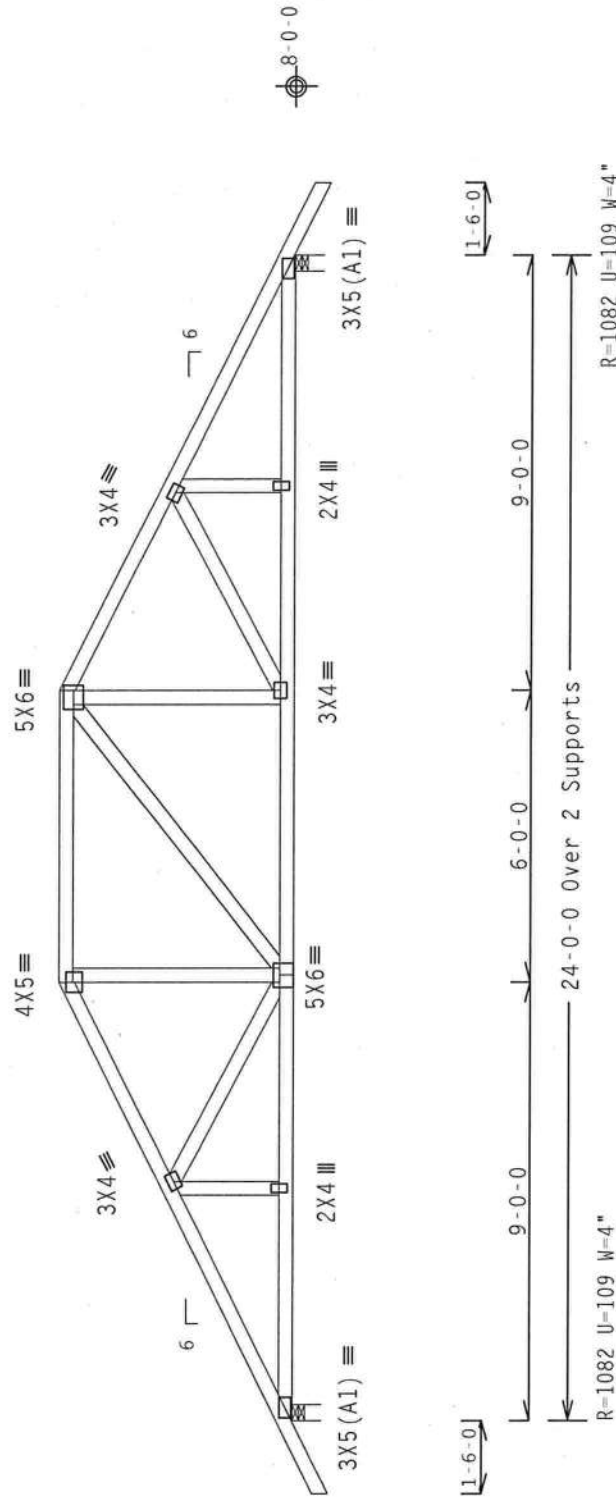
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

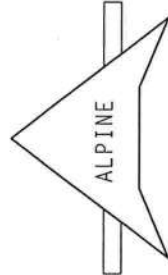
Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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FL Certificate of Authorization # 0 278

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R215-- 62276
TC DL	10.0 PSF	DATE	01/07/08
BC DL	10.0 PSF	DRW	HCUSR215 08007013
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	211382
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TDY215_Z03



(5156- /ROB STEWART-GUARDON ST. L /Contractor - - , FL - A5)

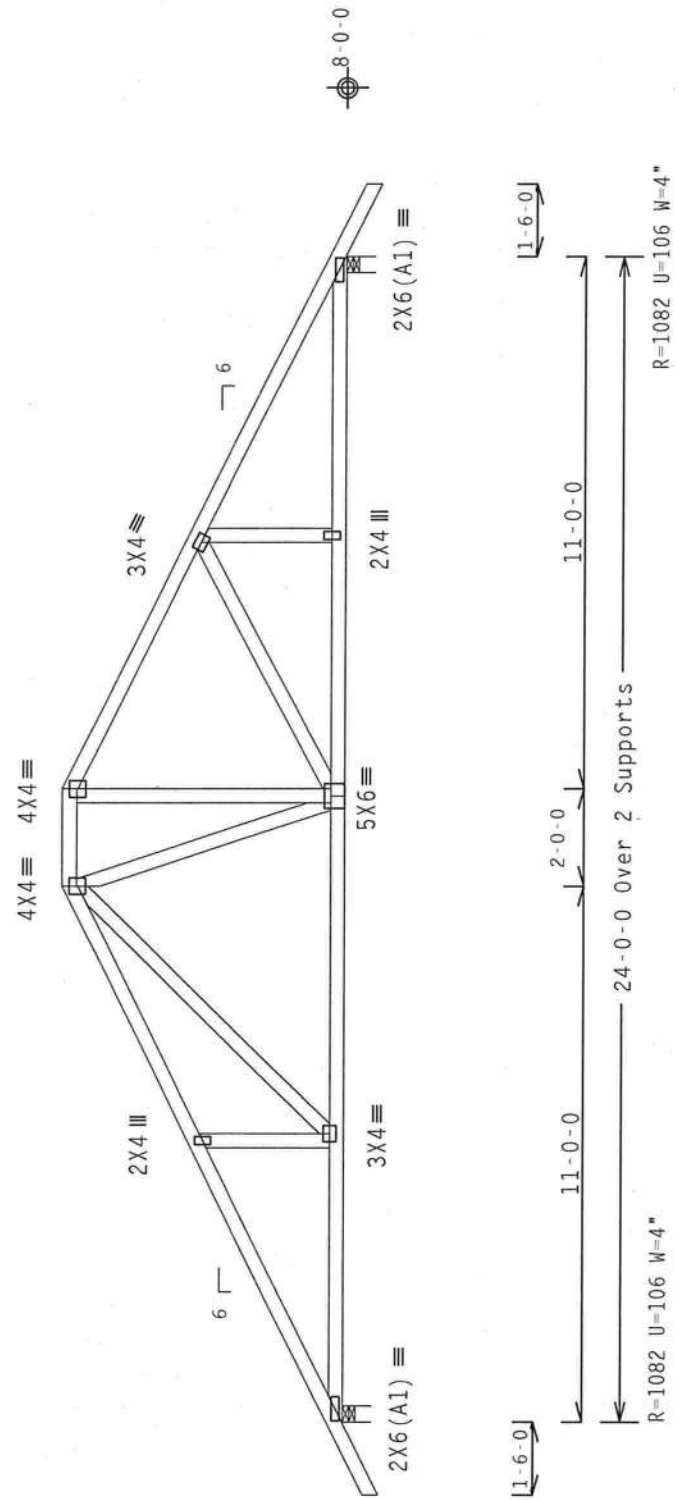
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5-10-3.



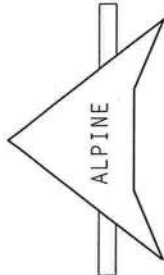
Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0)

7.38.0810

QTY:1

Scale = .25"/Ft.



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Haines City, FL 33844
FL Certificate of Authorization # 0 278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 230 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48071) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA/PAJ) AND TPI. ITW BCG PLATES TO PLATES ARE MADE OF 2010/160A (40/10/SS/PS) ASTM A553 GRADE 40/60 (4, 8/10/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PERMANENT. ITW BCG SHALL BE RESPONSIBLE FOR THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Jan 07 '08

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF R215-- 62277

DATE 01/07/08

DRW HCUSR215 08007014

HC-ENG WHK/WHK

SEQN- 211386

FROM CDM

JREF- 1TDY215_Z03

(5156-/R08 STEWART-GUERDON ST. L /Contractor -- , FL - A6)

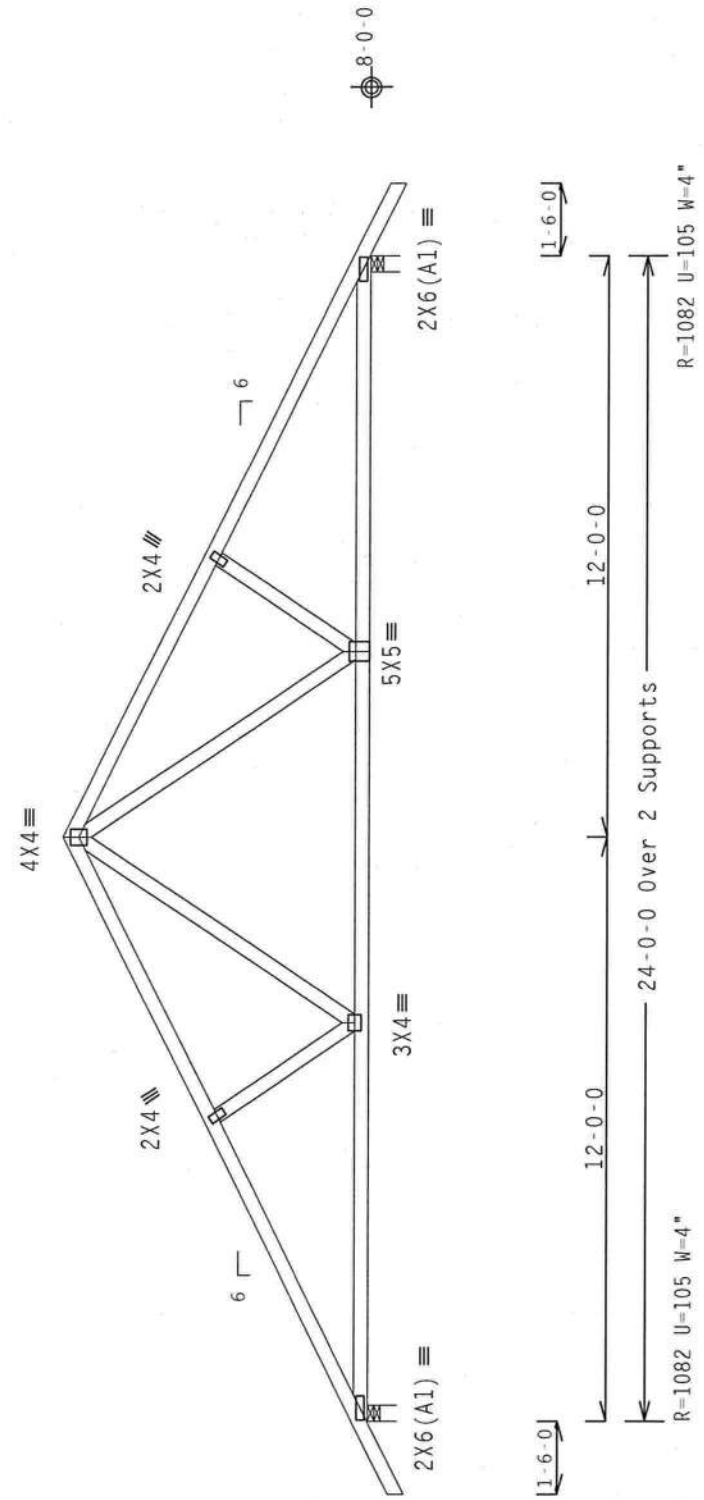
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 6-4-3.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

PLT TYP. Wave	QTY: 5		FL/-/5/-/R/-		Scale = .25"/Ft.	
	TC LL	20.0 PSF	REF	R215--	62278	
	TC DL	10.0 PSF	DATE	01/07/08		
	BC DL	10.0 PSF	DRW	HCUSR215	08007015	
	BC LL	0.0 PSF	HC-ENG	WHK/WHK	*	
TOT.LD.			SEQN-	211390		
DUR.FAC.			FROM	CDM		
SPACING			JREF-	1TDY215_Z03		



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 238 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/160A (4-11/16" X 1/2") ASTM A563 GRADE 40/60 (4, K/H,SS) GALV. STEEL. APPLY ANY APPLICABLE CODES AND STANDARDS. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS (GOA 2). ANY INSPECTION OF PLATE TRUSSES AND BRACING SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS CONTRACTOR'S DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

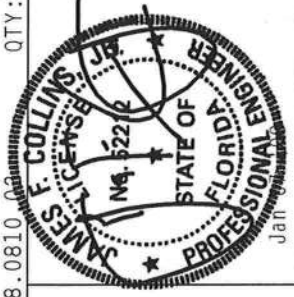
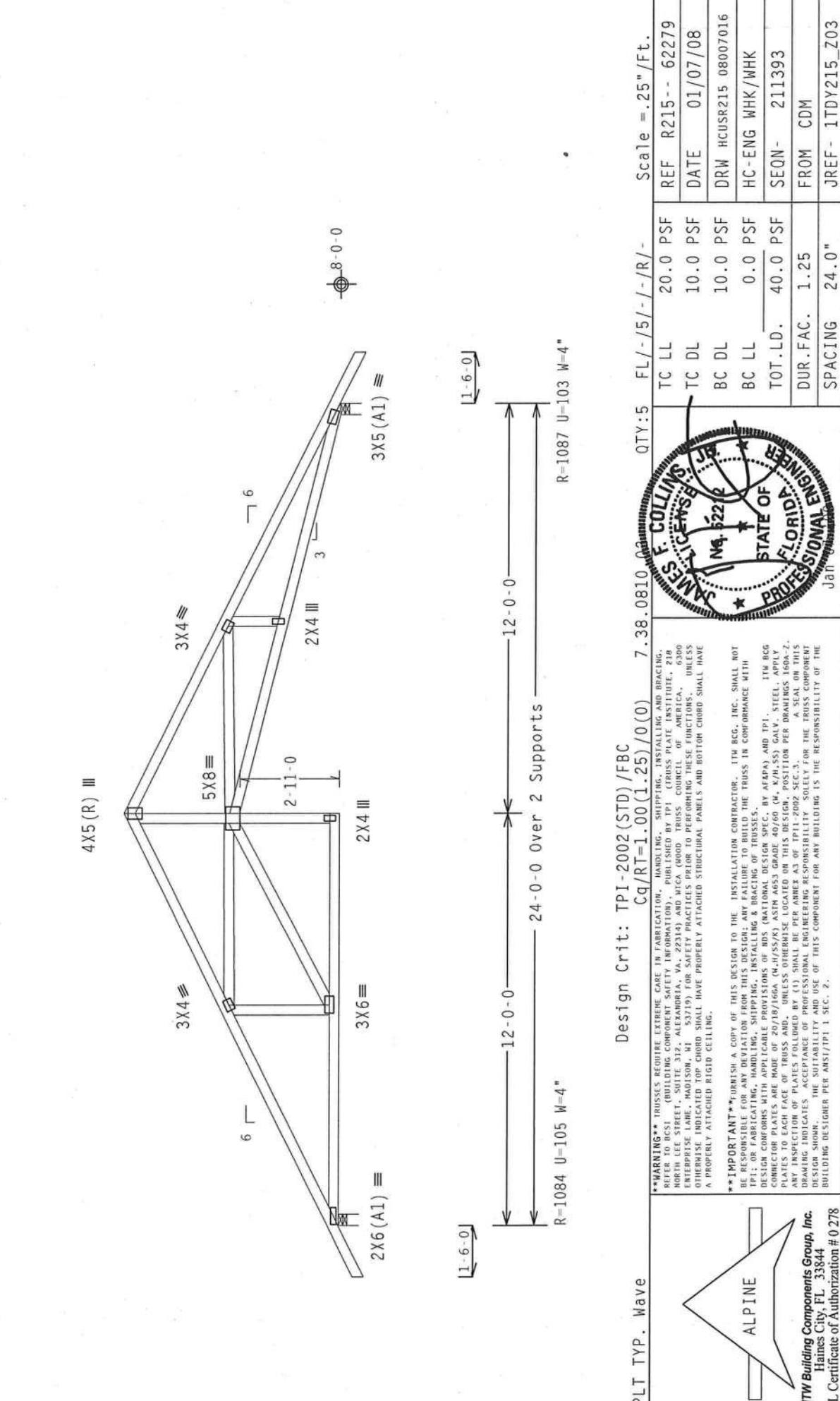
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-4-3.

Wind reactions based on MWFRS pressures.

Scale = .25" / Ft.



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/1600 (4-H/55/7X) ASTM A653 GRADE 40/60 (4, 8/H-55) GALV. STEEL. APPLY THE FOLLOWING AGING INFORMATION TO THE TRUSS DESIGN. UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWING BY THE INSTALLER SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

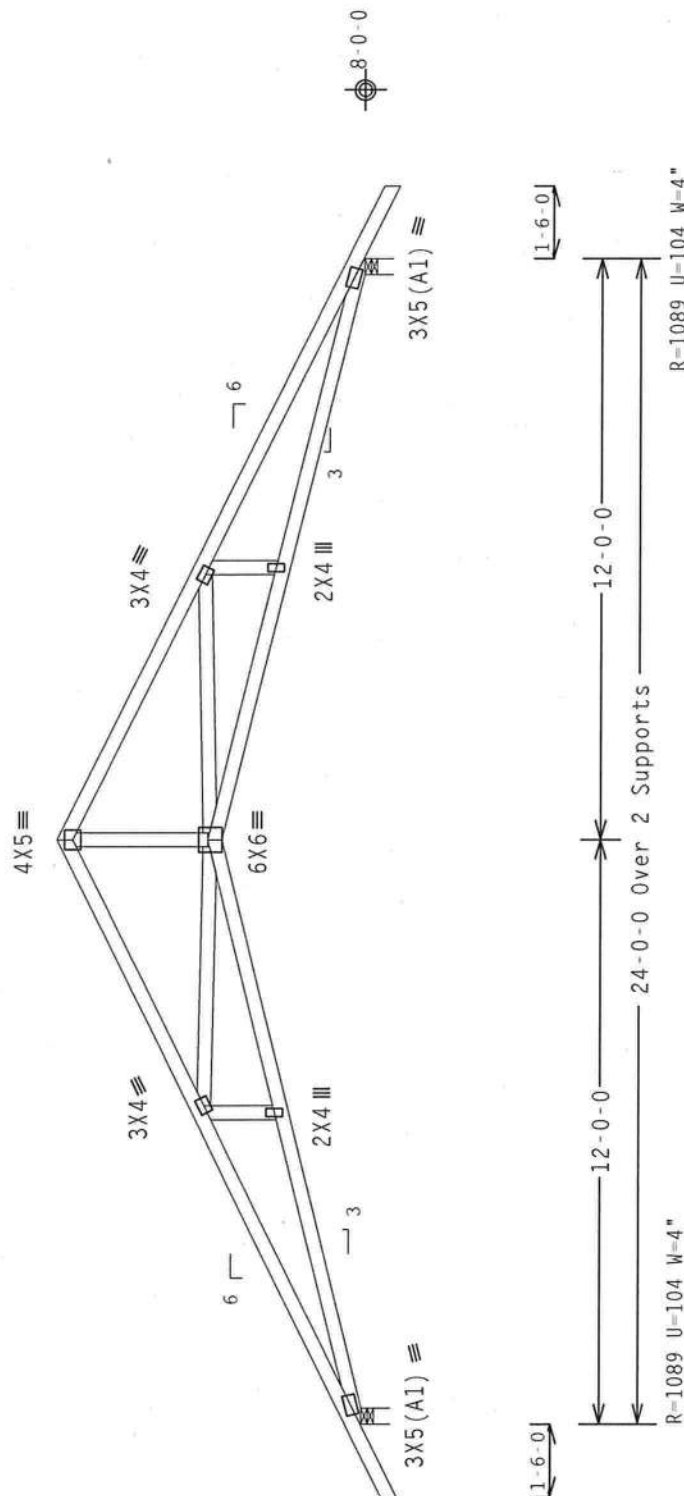
111110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

Calculated horizontal deflection is 0.17" due to live load and 0.17" due to dead load.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-4-3.



Design Crit: TPI-2002(STD)/FBC

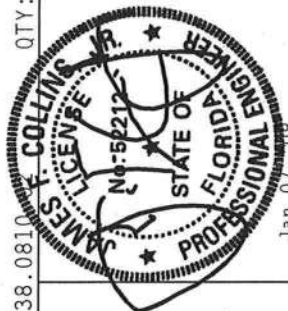
$$Cq/RT=1.00(1.25)/0(0)$$

310

QTY: 3

Scale = 25"/Ft.

***WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL TRUSSES MUST BE PROPERLY BRACED TO PREVENT BUCKLING. FOR MORE INFORMATION, CONTACT THE TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALABAMA, VA. 22314, AND MICA TRUSS COMPANY, 6001 ENTERPRISE LANE, WEST SIMS, AL 53219. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

Haines City, FL 33844
FL Certificate of Authorization #0278

22

1015W

Jan 07/2008

○

100

007507

Top chord 2x4 SP #2 N :T2, T5 2x4 SP SS:
Bot chord 2x4 SP SS
Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.19" due to live load and 0.20" due to dead load.

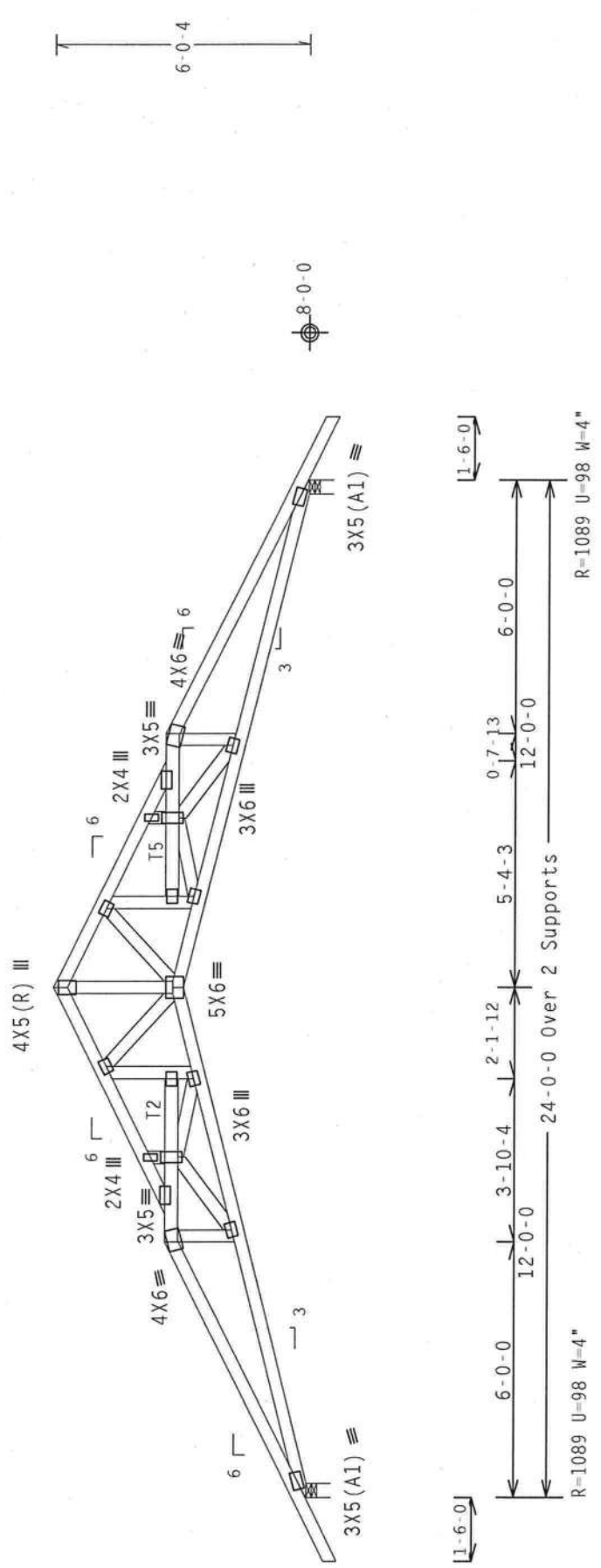
The overall height of this truss excluding overhang is 6-0-4.

SEE DWGS TCFILLER0207 AND BCFILLER0207 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE/BELOW FILLER AT 24" O.C. (OR AS DESIGNED) INCLUDING A LATERAL BRACE ON CHORD DIRECTLY ABOVE/BELOW BOTH ENDS OF FILLER (IF NO RIGID DIAPHRAGM EXISTS AT THAT POINT)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $1w=1.00 GCP(+-)=0.18$

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



Note: All Plates Are 3x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0)

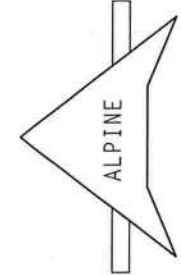
QTY:1

FL/-/5/-/-/R/-

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD) SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. TRUSSES, BY APPEAL AND TPI, ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE 1997 IBC. CONNECTOR PLATES ARE MADE OF 20/18/16GA (H/H/SS/PS) ASTM A653 GRADE 40/50 (H, K/H/SS) GALV. STEEL, APPL. 2 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278



TC LL	20.0 PSF	REF	R215--	62281
TC DL	10.0 PSF	DATE	01/07/08	
BC DL	10.0 PSF	DRW	HCUSR215	08007020
BC LL	0.0 PSF	HC-ENG	AK/WHK	
TOT.LD.	40.0 PSF	SEQN-	211467	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDY215_Z03	

(5156--/ROB STEWART-GUERDON ST. L /Contractor -- , FL - JCI)

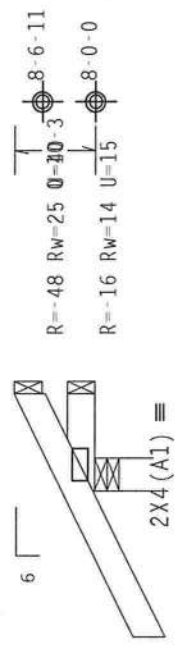
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 0-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.



← 1-6-0 →
1-0-0 over 3 Supports
R=240 U=49 W=4"

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.02 QTY: 6 FL/-/5/-/-/R/-

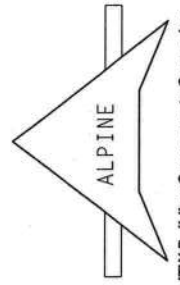
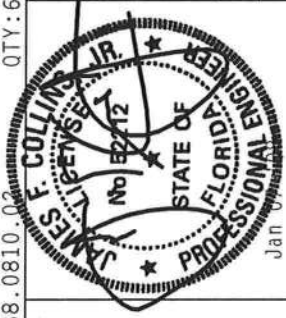
Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN INDICATES, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R215--	62283
DATE	01/07/08	
DRW	HCUSR215	08007006
HC-ENG	WHK/WHK	
SEQN-	211426	
FROM	CDM	
JREF-	1TDY215_Z03	



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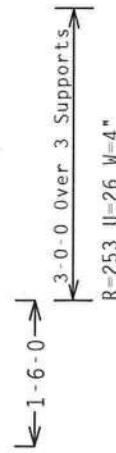
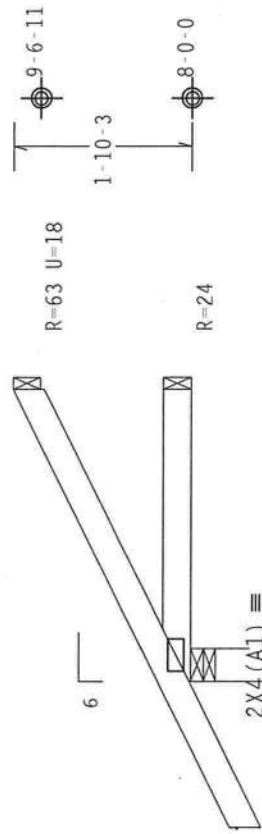
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 1-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpl(+/-)=0.18

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

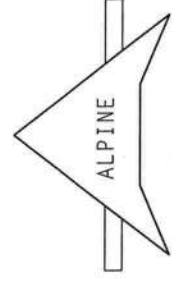
Cq/RT=1.00(1.25)/0(0)

QTY: 6 FL/-/5/-/-/R/-

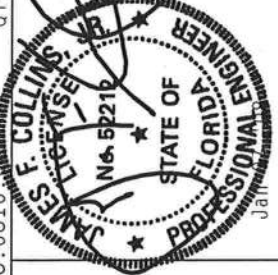
Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. FOR STEEL TRUSS BRACED CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/45/2X) ASTM A653 GRADE 40/60 (W/45/2X) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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REF	R215--	62284
DATE	01/07/08	
DRW	HCUSR215	08007005
HC-ENG	WHK/WHK	*
SEON-	211429	
FROM	CDM	
JREF-	1TDY215_Z03	

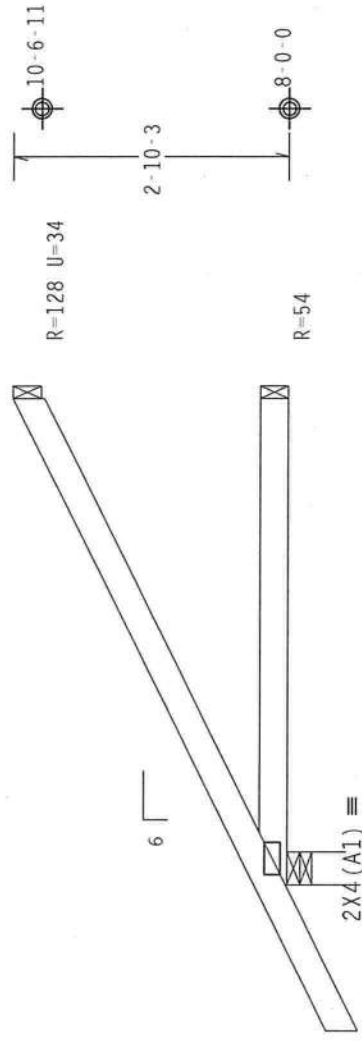
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

110 mph wind, 15.00 ft mean ht., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-10-3.



1-6-0

5-0-0 Over 3 Supports

R=323 U=24 W=4"

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

QTY:4 FL/-/5/-/-/R/-/

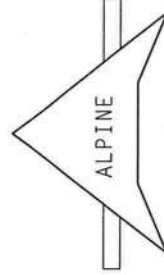
Scale = 5"/Ft.

TC LL	20.0	PSF	REF	R215--	62285
TC DL	10.0	PSF	DATE	01/07/08	
BC DL	10.0	PSF	DRW	HCUSR215	08007004
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	211436	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDY215_Z03	

[illegible]

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR FOR TTV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THE TRUSS SHALL BE MADE OF STEEL PLATES AND CORNERS. THE CORNER JOINTS SHALL BE WELDED TOGETHER. THE TRUSS SHALL BE MADE OF 100# STEEL PLATES TO EACH FACE OF THUSSED, UNLESS OTHERWISE LOCATED ON THIS POSITION PER DRAWINGS 100A-2. A SEAL ON THIS INSIDE INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS. THE BUILDING DESIGNER HAS NO LIABILITY OR CONCERN FOR THIS CORNER FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSE/AISI 1 SEC. 2.



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Haines City, FL 33844

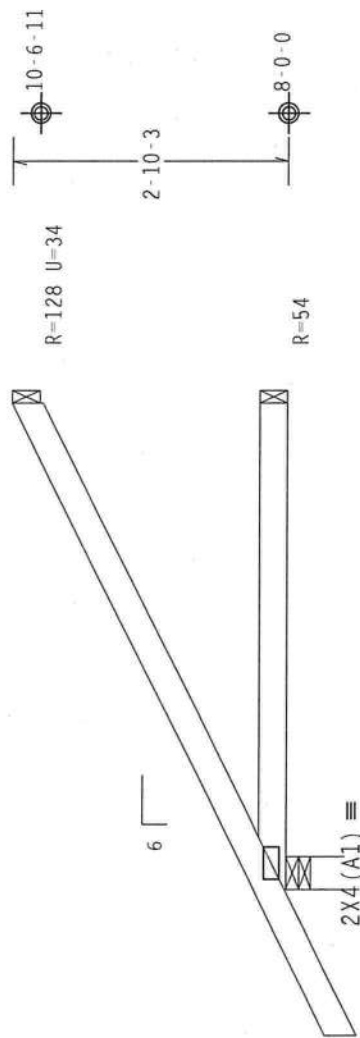
Haines City, FL 33844
FL Certificate of Authorization # 0278

Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.



1-6-0

← 5-0-0 Over 3 Supports →
R=323 U=24 W=4"

Design Crit: TPI-2002(STD)/FBC

QTY: 5 FL / - / 5 / - / - / R / -
Scale = .5" / Ft.

0810.02

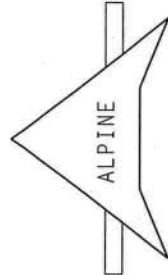
$$Cq/RT=1.00(1.25)/0(0)$$

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY ITT (TRUSS PLATE INSTITUTE), 6200 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI, 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ITR BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRACTOR PLATES ARE MADE OF 20/10/16500/40/25/30/35/40/45/50/55/60/65/70/75/80/85/90/95/100/105/110/115/120/125/130/135/140/145/150/155/160/165/170/175/180/185/190/195/200/205/210/215/220/225/230/235/240/245/250/255/260/265/270/275/280/285/290/295/300/305/310/315/320/325/330/335/340/345/350/355/360/365/370/375/380/385/390/395/400/405/410/415/420/425/430/435/440/445/450/455/460/465/470/475/480/485/490/495/500/505/510/515/520/525/530/535/540/545/550/555/560/565/570/575/580/585/590/595/600/605/610/615/620/625/630/635/640/645/650/655/660/665/670/675/680/685/690/695/700/705/710/715/720/725/730/735/740/745/750/755/760/765/770/775/780/785/790/795/800/805/810/815/820/825/830/835/840/845/850/855/860/865/870/875/880/885/890/895/900/905/910/915/920/925/930/935/940/945/950/955/960/965/970/975/980/985/990/995/1000/1005/1010/1015/1020/1025/1030/1035/1040/1045/1050/1055/1060/1065/1070/1075/1080/1085/1090/1095/1100/1105/1110/1115/1120/1125/1130/1135/1140/1145/1150/1155/1160/1165/1170/1175/1180/1185/1190/1195/1200/1205/1210/1215/1220/1225/1230/1235/1240/1245/1250/1255/1260/1265/1270/1275/1280/1285/1290/1295/1300/1305/1310/1315/1320/1325/1330/1335/1340/1345/1350/1355/1360/1365/1370/1375/1380/1385/1390/1395/1400/1405/1410/1415/1420/1425/1430/1435/1440/1445/1450/1455/1460/1465/1470/1475/1480/1485/1490/1495/1500/1505/1510/1515/1520/1525/1530/1535/1540/1545/1550/1555/1560/1565/1570/1575/1580/1585/1590/1595/1600/1605/1610/1615/1620/1625/1630/1635/1640/1645/1650/1655/1660/1665/1670/1675/1680/1685/1690/1695/1700/1705/1710/1715/1720/1725/1730/1735/1740/1745/1750/1755/1760/1765/1770/1775/1780/1785/1790/1795/1800/1805/1810/1815/1820/1825/1830/1835/1840/1845/1850/1855/1860/1865/1870/1875/1880/1885/1890/1895/1900/1905/1910/1915/1920/1925/1930/1935/1940/1945/1950/1955/1960/1965/1970/1975/1980/1985/1990/1995/2000/2005/2010/2015/2020/2025/2030/2035/2040/2045/2050/2055/2060/2065/2070/2075/2080/2085/2090/2095/2100/2105/2110/2115/2120/2125/2130/2135/2140/2145/2150/2155/2160/2165/2170/2175/2180/2185/2190/2195/2200/2205/2210/2215/2220/2225/2230/2235/2240/2245/2250/2255/2260/2265/2270/2275/2280/2285/2290/2295/2300/2305/2310/2315/2320/2325/2330/2335/2340/2345/2350/2355/2360/2365/2370/2375/2380/2385/2390/2395/2400/2405/2410/2415/2420/2425/2430/2435/2440/2445/2450/2455/2460/2465/2470/2475/2480/2485/2490/2495/2500/2505/2510/2515/2520/2525/2530/2535/2540/2545/2550/2555/2560/2565/2570/2575/2580/2585/2590/2595/2600/2605/2610/2615/2620/2625/2630/2635/2640/2645/2650/2655/2660/2665/2670/2675/2680/2685/2690/2695/2700/2705/2710/2715/2720/2725/2730/2735/2740/2745/2750/2755/2760/2765/2770/2775/2780/2785/2790/2795/2800/2805/2810/2815/2820/2825/2830/2835/2840/2845/2850/2855/2860/2865/2870/2875/2880/2885/2890/2895/2900/2905/2910/2915/2920/2925/2930/2935/2940/2945/2950/2955/2960/2965/2970/2975/2980/2985/2990/2995/3000/3005/3010/3015/3020/3025/3030/3035/3040/3045/3050/3055/3060/3065/3070/3075/3080/3085/3090/3095/3100/3105/3110/3115/3120/3125/3130/3135/3140/3145/3150/3155/3160/3165/3170/3175/3180/3185/3190/3195/3200/3205/3210/3215/3220/3225/3230/3235/3240/3245/3250/3255/3260/3265/3270/3275/3280/3285/3290/3295/3300/3305/3310/3315/3320/3325/3330/3335/3340/3345/3350/3355/3360/3365/3370/3375/3380/3385/3390/3395/3400/3405/3410/3415/3420/3425/3430/3435/3440/3445/3450/3455/3460/3465/3470/3475/3480/3485/3490/3495/3500/3505/3510/3515/3520/3525/3530/3535/3540/3545/3550/3555/3560/3565/3570/3575/3580/3585/3590/3595/3600/3605/3610/3615/3620/3625/3630/3635/3640/3645/3650/3655/3660/3665/3670/3675/3680/3685/3690/3695/3700/3705/3710/3715/3720/3725/3730/3735/3740/3745/3750/3755/3760/3765/3770/3775/3780/3785/3790/3795/3800/3805/3810/3815/3820/3825/3830/3835/3840/3845/3850/3855/3860/3865/3870/3875/3880/3885/3890/3895/3900/3905/3910/3915/3920/3925/3930/3935/3940/3945/3950/3955/3960/3965/3970/3975/3980/3985/3990/3995/4000/4005/4010/4015/4020/4025/4030/4035/4040/4045/4050/4055/4060/4065/4070/4075/4080/4085/4090/4095/4100/4105/4110/4115/4120/4125/4130/4135/4140/4145/4150/4155/4160/4165/4170/4175/4180/4185/4190/4195/4200/4205/4210/4215/42



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TC LL	20.0 PSF	REF R215 - - 62286
TC DL	10.0 PSF	DATE 01/07/08
BC DL	10.0 PSF	DRW HCUR215 08007011
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEQN- 211433
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TDY215_Z03

(5156-/ROB STEWART-GUERDON ST. L /Contractor --, FL - JE7)

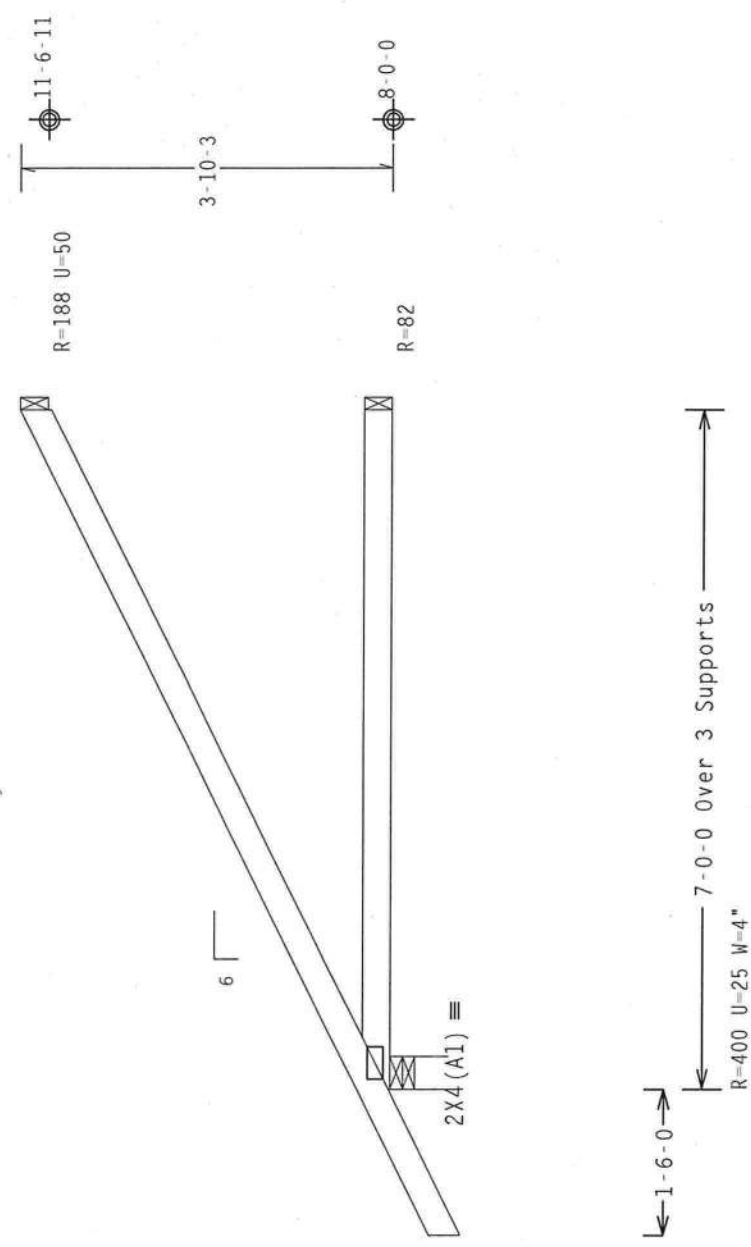
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-10-3.

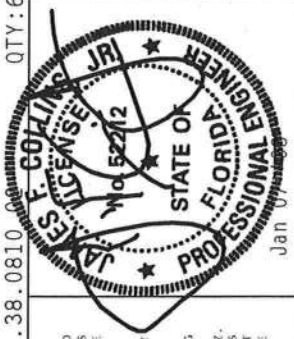
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.



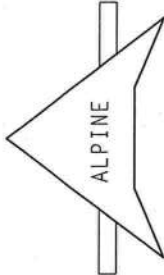
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 6		FL/-/5/-/-/R/-		Scale = 5"/Ft.	
	TC LL	20.0 PSF	REF	R215--	62287	
	TC DL	10.0 PSF	DATE	01/07/08		
	BC DL	10.0 PSF	DRW	HCUSR215	08007007	
	BC LL	0.0 PSF	HC-ENG	WHK/WHK	*	
	TOT.LD.	40.0 PSF	SEQN-	211439		
	DUR.FAC.	1.25	FROM	CDM		
	SPACING	24.0"	JREF-	1TDY215_Z03		



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS NATIONAL DESIGN SPEC. BY AFAPA AND TPI. ITN BCG CONNECTOR PLATES ARE MADE OF 2010/160A (4-H/55/73) ASH A655 GRADE 40/60 (4, K/H/55) GALV. STEEL. APPLY PROTECTIVE COATING TO ALL EXPOSED SURFACES. UNLESS OTHERWISE INDICATED, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY VISUAL INSPECTION OF THE TRUSS AND BOTTOM CHORD SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS CONTRACTOR'S DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

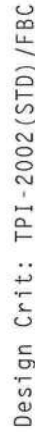


ALPINE

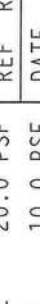
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Haines City, FL 33844
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Hipjack supports 5-0-0 setback jacks with no webs.
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 2-9-14.



Scale = .5"/Ft.



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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENTS SYSTEMS INFORMATION) PUBLISHED BY BUILDING COMPONENTS INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WPCA (WOOD PRESERVATION COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASRPA) AND TPI-1. ITW BCG CONTRACTOR PLATES ARE MADE OF 20/10/16GA (W/55K) ASTM A653 GRADE 40/60 (W/ K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF TPI-1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



REF R215 -- 62288	TC LL	20.0 PSF	
DATE 01/07/08	TC DL	10.0 PSF	
DRW HCUSR215 08007008	BC DL	10.0 PSF	
HC-ENG WHK/WHK	BC LL	0.0 PSF	
SEON- 211423	TOT.LD.	40.0 PSF	
FROM CDM	DUR.-FAC.	1.25	
JREF- 1TDY215_Z03	SPACING	SEE ABOVE	

Jan 07/2008

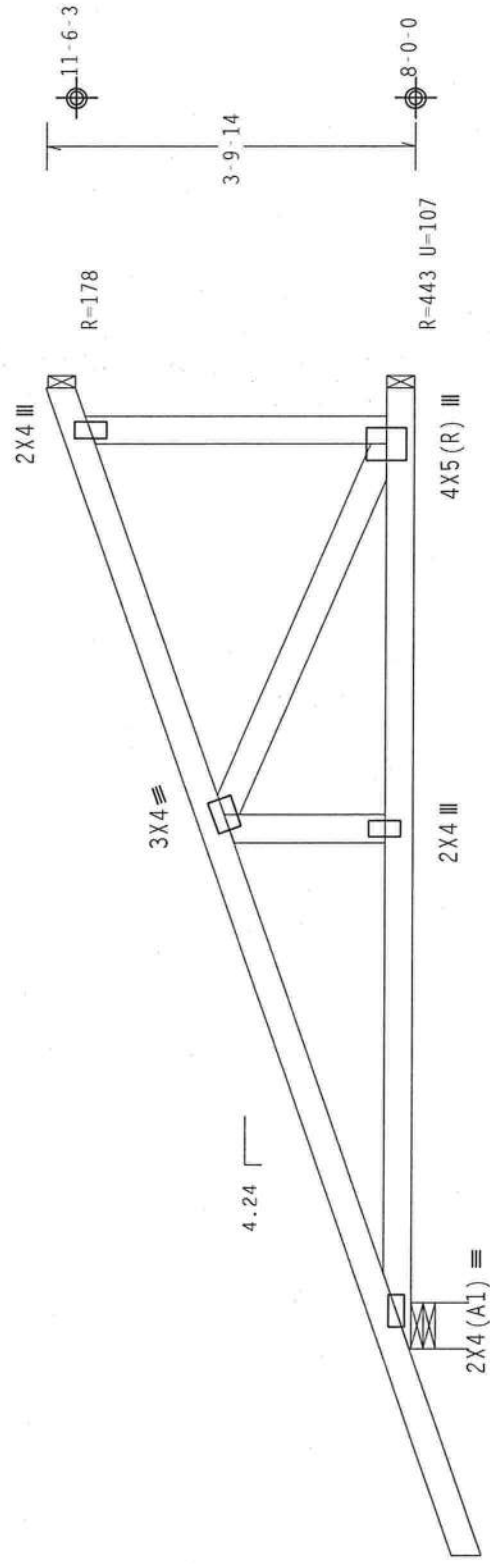
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Hipjack supports 7-0-0 setback jacks with no webs.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. lw=1.00 Gcpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3-9-14.



2-1-7
4-24
11-6-3
9-10-13 Over 3 Supports
R=461 U=55 W=5.657
R=443 U=107
R=178

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

PLT TYP. Wave	QTY:2	FL/-/5/-/-/R/-	Scale = 5"/Ft.
REF R215-- 62289	TC LL	20.0 PSF	
DATE 01/07/08	TC DL	10.0 PSF	
DRW HCUSR215 08007009	BC DL	10.0 PSF	
HC-ENG WHK/WHK	BC LL	0.0 PSF	
SEQN- 211413	TOT.LD.	40.0 PSF	
FROM CDM	DUR.FAC.	1.25	
JREF- 1TDY215_Z03	SPACING	SEE ABOVE	



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****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN INFORMATION SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN INFORMATION. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

MAX GABLE VERTICAL LENGTH		BRACE		(1) 1X4 "L" BRACE		(2) 2X4 "L" BRACE		(1) 2X6 "L" BRACE		(2) 2X6 "L" BRACE	
GABLE VERTICAL SPACING	SPECIES	GRADE	NO BRACES	GROUP A		GROUP B		GROUP A		GROUP B	
				#1 / #2	#3	#1 / #2	#3	#1 / #2	#3	#1 / #2	#3
12" O.C.	SPF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"
	HF	#1 / #2	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"
	SP	STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 5"	9' 5"	12' 3"	12' 3"
	DFL	STANDARD	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"
24" O.C.	SP	#1	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"
	HF	#1	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"
	SP	#3	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"
	DFL	STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"
16" O.C.	SPF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"
	HF	#1 / #2	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"
	SP	STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	14' 0"	14' 0"
	DFL	STANDARD	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"
12" O.C.	SPF	#1	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"
	HF	#1	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"
	SP	#3	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"
	DFL	STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 3"	13' 3"	14' 0"
12" O.C.	SPF	#1 / #2	4' 11"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"
	HF	#1 / #2	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"
	SP	STANDARD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"
	DFL	STANDARD	5' 4"	9' 1"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"
12" O.C.	SPF	#2	5' 3"	8' 5"	8' 5"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"
	HF	#2	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"
	SP	#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"
	DFL	STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	#2
STANDARD	STANDARD
#3	STUD

DOUGLAS FIR-LARCH

#3	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR	#1
#1	#2

SOUTHERN PINE

#1	#2
----	----

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0"

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.

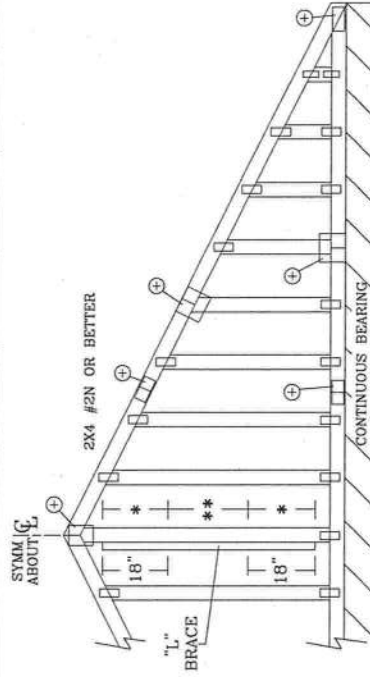
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

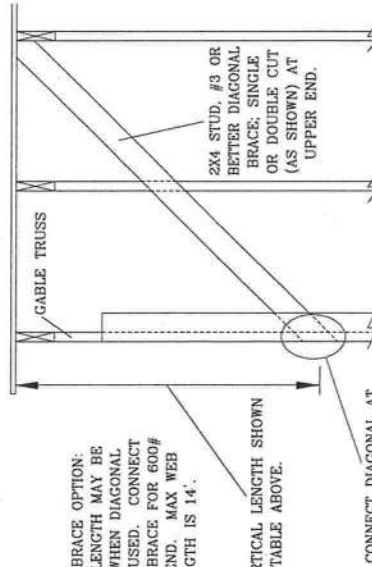
GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.



DIAGONAL BRACE OPTION:

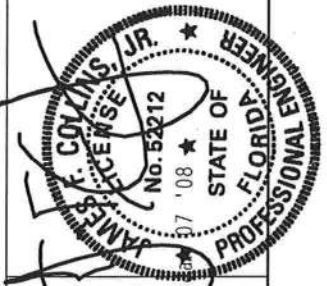
VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

CONNECT DIAGONAL AT MIDPOINT OF VERTICAL WEB.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND ERECTING. THE BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER ERECTION OF THE TRUSS. THE TRUSS SHALL BE ERECTED ON A FIRM, LEVEL, AND DRY SURFACE. THE TRUSS SHALL BE ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC. SHALL BE RESPONSIBLE FOR THE PROPER ERECTION OF THE TRUSS. THE TRUSS SHALL BE ERECTED ON A FIRM, LEVEL, AND DRY SURFACE. THE TRUSS SHALL BE ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.



REF	ASCE7-02-CAB1015
DATE	2/23/07
DRWG	A11015EE0207
-ENG	

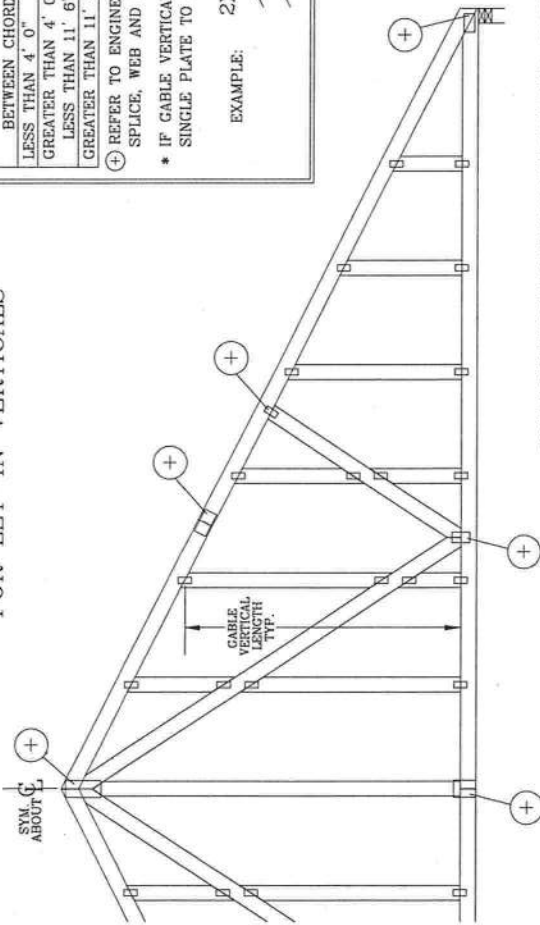
MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"



ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

GABLE DETAIL FOR LET-IN VERTICALS



GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.



EXAMPLE:

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

- 10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS
- (4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

- 8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
- (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A09015EC0207, A08015EC0207, A07015EC0207, A11030EC0207, A10030EC0207, A09030EC0207, A08030EC0207, A07030EC0207

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A09015EE0207, A08015EE0207, A07015EE0207, A11030EE0207, A10030EE0207, A09030EE0207, A08030EE0207, A07030EE0207

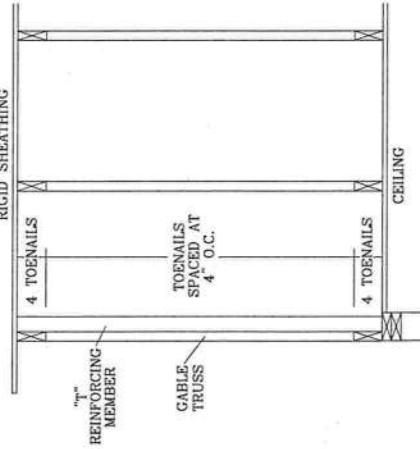
ASCE 7-05 GABLE DETAIL DRAWINGS

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SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

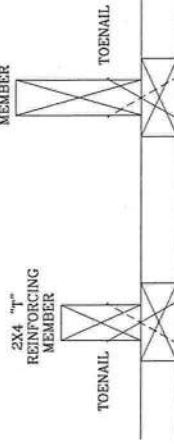
RIGID SHEATHING



CEILING

2X6 "T" REINFORCING MEMBER

2X4 "T" REINFORCING MEMBER



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

REF LET-IN VERT

DATE 2/23/07

DRWG GBLLETTIN0207

-ENG DLJ/KAR

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"

