DATE - 08/07/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000026106

APPLICANT MARY ALICE SEYMORE WEATHRSPOON PHONE 386.288.1134

ADDRESS 235 SE BEECH STREET LAKE CITY FL 32025

OWNER MARY ALICE SEYMORE WEATHERSPOON PHONE 386.288.1134

ADDRESS 235 SE BEECH STREET LAKE CITY FL 32025

CONTRACTOR MARY A. SEYMOR WEATHERSPOON PHONE 386.288.1134

LOCATION OF PROPERTY EAST BAYA TO COUNTRY CLUB ROAD,TL TO BEECH STREET,TR AND IT'S @ THE CORNER OF DEFENDER & BEECH.

TYPE DEVELOPMENT REMODEL/REPAIS SFD ESTIMATED COST OF CONSTRUCTION 0.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS BLK/FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING CI MAX. HEIGHT _____

Minimum Set Back Requirments: STREET-FRONT _____ REAR _____ SIDE _____

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 34-3S-17-07071-000 SUBDIVISION COUNTRY CLUB ESTATES LOTS 13

LOT 14/15 BLOCK 10 PHASE ____ UNIT ____ TOTAL ACRES _____

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			Mary Alice Seymore Weathers
NO CHARGE	07-0625E	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. BURNT STRUCTURE @ NO ADDITIONAL SQUARE FEET ON EXISTING FOUNDATION. NO DISTANCE TO PROPERTY LINES REQUIRED.NO CHARGE DUE T0 FIRE DAMAGE. Check # or Cash NO CHARGE.

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

Electrical rough-in _____ date/app. by | Heat & Air Duct _____ date/app. by | Peri. beam (Lintel) _____ date/app. by

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

M/H tie downs, blocking, electricity and plumbing _____ date/app. by | Pool _____ date/app. by

Reconnection _____ date/app. by | Pump pole _____ date/app. by | Utility Pole _____ date/app. by

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

BUILDING PERMIT FEE $ 0.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ ____ FIRE FEE $ 0.00 WASTE FEE $ _____

FLOOD DEVELOPMENT FEE $ ____ FLOOD ZONE FEE $ ____ CULVERT FEE $ ____ **TOTAL FEE** 0.00

INSPECTORS OFFICE _____ 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."

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0707-79 Date Received 7/27 By JW Permit # 26106

Application Approved by - Zoning Official BLK Date 30.07.07 Plans Examiner FEW PHONE CONF. JTH FEW Date 8.3.07

Flood Zone X Development Permit N/A Zoning CT Land Use Plan Map Category Commercial

Comments NO CHARGE: FIRE DAMAGED STRUCTURE

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

Name Authorized Person Signing Permit Mary Alice Weatherspoon Seymour Fax

Address 235 S.E. Beech Street Lake City, Florida 32025 Phone 288-1134

Owners Name Mary Alice Weatherspoon Phone 386-288-1134

911 Address 235 S.E. Beech St.

Contractors Name SAME Phone

Address —

Fee Simple Owner Name & Address —

Bonding Co. Name & Address —

Architect/Engineer Name & Address Freeman DESIGN GROUP, P.E. L.C.C.

Mortgage Lenders Name & Address CASH

Circle the correct power company – FL Power & Light – Clay Elec. – Suwannee Valley Elec. – Progressive Energ

Property ID Number 34-3S-17-07074-000 Estimated Cost of Construction 35,000

Subdivision Name County Club estate Lot 13/14/15 Block 10 Unit ____ Phase ____

Driving Directions EAST BAYA TO COUNTRY CLUB Rd. TL TO BEECH STREET TL AND IT WILL

Type of Construction BLOCK-STD-REMODEL Number of Existing Dwellings on Property 1

Total Acreage .43 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Dri

Actual Distance of Structure from Property Lines - Front SEE NOTES Side — Side ____ Rear ____

Total Building Height ____ Number of Stories ____ Heated Floor Area ____ Roof Pitch ____

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

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Mary A. Weatherspoon

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 3 day of 8 20 07.

Personally known ____ or Produced Identification ____

Notary Signature

IN - 362-559-47-969-0

(Revised Sept. 2006)

TW ADVISED MANU 8.3.07

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 34-3S-17-07071-000 Permit Number ______

1. Description of property: (legal description of the property and street address or 911 address)
235 SE BEECH STREET
LAKE CITY, FL 32025

2. General description of improvement: replace Roof inside walls
Reconstruct - A70 - BLOCK STRUCTURE

3. Owner Name & Address Mary Alice Weatherspoon
235 S.E. Beech St Interest in Property 100%

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

5. Contractor Name MARY ALICE WEATHERSPOON Phone Number 386.288.1139
Address SAME AS ABOVE

6. Surety Holders Name ______ Phone Number ______
Address ______
Amount of Bond ______

Inst:200712017856 Date:8/7/2007 Time:11:03 AM
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

7. Lender Name ______ Phone Number ______
Address ______

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

9. In addition to himself/herself the owner designates ______ of ______ to receive a copy of the Lien Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee ______

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

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

Mary A. Weatherspoon
Signature of Owner

Sworn to (or affirmed) and subscribed before day of ______, 20___.

______ NOTARY STAMP/SEAL
Signature of Notary

W-362-599-47-969-0

FORM 600A-2004R EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Weatherspoon Remodel**	Builder:	
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	26106
Owner:	**Mrs. Weatherspoon**	Jurisdiction Number:	221000
Climate Zone:	**South**		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	2274 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 202.0 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 202.0 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 213.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 2012.6 ft²	
	b. N/A		
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 2274.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 62.0 ft	
	b. N/A		
12.	Cooling systems		
	a. Central Unit/Split	Cap: 32.0 kBtu/hr SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump/Split	Cap: 32.0 kBtu/hr HSPF: 8.50	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 20.0 gallons EF: 0.94	
	b. N/A		
	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,	

Glass/Floor Area: 0.09

Total as-built points: 23144
Total base points: 28689

PASS

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

PREPARED BY: Debbie Mates

DATE: 7-24-07

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2274.0	30.53	12497.0	1.Double, Clear	N	1.0	6.0	20.0	31.93	0.98	623.0	
				2.Double, Clear	N	1.0	6.0	30.0	31.93	0.98	934.0	
				3.Double, Clear	N	1.0	6.0	30.0	31.93	0.98	934.0	
				4.Double, Clear	N	1.0	6.0	6.0	31.93	0.98	186.0	
				5.Double, Clear	S	1.0	6.0	32.0	58.45	0.96	1787.0	
				6.Double, Clear	S	1.0	6.0	8.0	58.45	0.96	446.0	
				7.Double, Clear	S	1.0	6.0	20.0	58.45	0.96	1117.0	
				8.Double, Clear	E	1.0	6.0	32.0	68.60	0.97	2130.0	
				9.Double, Clear	W	1.0	6.0	24.0	61.59	0.97	1435.0	
				As-Built Total:				**202.0**			**9592.0**	
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	2012.6	2.40		4830.2	
Exterior	2012.6	2.70	5434.0									
Base Total:	**2012.6**		**5434.0**	**As-Built Total:**				**2012.6**			**4830.2**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				59.4	6.40		380.2	
Exterior	59.4	6.40	380.2									
Base Total:	**59.4**		**380.2**	**As-Built Total:**				**59.4**			**380.2**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	2274.0	2.80	6367.2	1. Under Attic			30.0	2274.0	2.77 X 1.00		6299.0	
Base Total:	**2274.0**		**6367.2**	**As-Built Total:**				**2274.0**			**6299.0**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	213.0(p)	-20.0	-4260.0	1. Slab-On-Grade Edge Insulation			0.0	213.0(p	-20.00		-4260.0	
Raised	0.0	0.00	0.0									
Base Total:			**-4260.0**	**As-Built Total:**				**213.0**			**-4260.0**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	2274.0	18.79	42728.5					2274.0	18.79		42728.5	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 63146.8			**Summer As-Built Points:**					**59569.8**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 32000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			59570	1.00	(1.07 x 1.165 x 0.90)	0.260	0.902	15725.9
63146.8	**0.3250**	**20522.7**	**59569.8**	**1.00**	**1.125**	**0.260**	**0.902**	**15725.9**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2274.0	3.60	1474.0	1.Double, Clear	N	1.0	6.0	20.0	4.38	1.00	87.0	
				2.Double, Clear	N	1.0	6.0	30.0	4.38	1.00	130.0	
				3.Double, Clear	N	1.0	6.0	30.0	4.38	1.00	130.0	
				4.Double, Clear	N	1.0	6.0	6.0	4.38	1.00	26.0	
				5.Double, Clear	S	1.0	6.0	32.0	3.12	1.00	99.0	
				6.Double, Clear	S	1.0	6.0	8.0	3.12	1.00	24.0	
				7.Double, Clear	S	1.0	6.0	20.0	3.12	1.00	62.0	
				8.Double, Clear	E	1.0	6.0	32.0	3.30	1.01	107.0	
				9.Double, Clear	W	1.0	6.0	24.0	3.98	1.00	95.0	
				As-Built Total:				**202.0**			**760.0**	

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	2012.6	0.60	1207.6
Exterior	2012.6	0.60	1207.6					
Base Total:	**2012.6**		**1207.6**	**As-Built Total:**		**2012.6**		**1207.6**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	1.Exterior Insulated	59.4	1.80	106.9
Exterior	59.4	1.80	106.9				
Base Total:	**59.4**		**106.9**	**As-Built Total:**	**59.4**		**106.9**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM =	Points
Under Attic	2274.0	0.10	227.4	1. Under Attic	30.0	2274.0	0.10 X 1.00	227.4
Base Total:	**2274.0**		**227.4**	**As-Built Total:**		**2274.0**		**227.4**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	213.0(p)	-2.1	-447.3	1. Slab-On-Grade Edge Insulation	0.0	213.0(p	-2.10	-447.3
Raised	0.0	0.00	0.0					
Base Total:			**-447.3**	**As-Built Total:**		**213.0**		**-447.3**

INFILTRATION	Area X	BWPM	= Points	Area X	WPM	= Points
	2274.0	-0.06	-136.4	2274.0	-0.06	-136.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**2432.1**	**Winter As-Built Points:**					**1718.1**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 32000 btuh ,EFF(8.5) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
2432.1	**0.5540**	**1347.4**	1718.1 **1718.1**	1.000 **1.00**	(1.099 x 1.137 x 0.91) **1.137**	0.401 **0.401**	0.950 **0.950**	744.6 **744.6**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT						
WATER HEATING									
Number of Bedrooms	X Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3	2273.00	6819.0	20.0	0.94	3	1.00	2224.64	1.00	6673.9
			As-Built Total:						**6673.9**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
20523	**1347**	**6819**	**28689**	**15726**	**745**	**6674**	**23144**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or 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 cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 89.4

The higher the score, the more efficient the home.

Mrs. Weatherspoon, , , ,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit/Split	Cap: 32.0 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				
6.	Conditioned floor area (ft²)	2274 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 202.0 ft²			a. Electric Heat Pump/Split	Cap: 32.0 kBtu/hr
	b. SHGC:					HSPF: 8.50
	(or Clear or Tint DEFAULT)	7b. (Clear) 202.0 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=0.0, 213.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 20.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 2012.6 ft²				EF: 0.94
	b. N/A				b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 2274.0 ft²		15.	HVAC credits	PT, CF,
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 62.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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.

BUILDING INPUT SUMMARY REPORT

PROJECT

Title:	Weatherspoon Remodel	**Family Type:**	Single	**Address Type:**	Street Address
Owner:	Mrs. Weatherspoon	**New/Existing:**	New	**Lot #:**	N/A
# of Units:	1	**Bedrooms:**	3	**Subdivision:**	N/A
Builder Name:	(blank)	**Conditioned Area:**	2274	**Platbook:**	N/A
Climate:	South	**Total Stories:**	1	**Street:**	(blank)
Permit Office:	(blank)	**Worst Case:**	No	**County:**	(blank)
Jurisdiction #:	(blank)	**Rotate Angle:**	(blank)	**City, St, Zip:**	, ,

FLOORS

#	Floor Type	R-Val	Area/Perimeter	Units
1	Slab-On-Grade Edge Insulation	0.0	213.0(p) ft	1

DOORS

#	Door Type	Orientation	Area	Units
1	Insulated	Exterior	19.8 ft²	3

CEILINGS

#	Ceiling Type	R-Val	Area	Base Area	Units
1	Under Attic	30.0	2274.0 ft²	2274.0 ft²	1

Credit Multipliers: None

COOLING

#	System Type	Efficiency	Capacity
1	Central Unit/Split	SEER: 13.00	32.0 kBtu/hr

Credit Multipliers: Ceil Fn, PT

WALLS

#	Wall Type	Location	R-Val	Area	Units
1	Frame - Wood	Exterior	13.0	2012.6 ft²	1

HEATING

#	System Type	Efficiency	Capacity
1	Electric Heat Pump/Split	HSPF: 8.50	32.0 kBtu/hr

Credit Multipliers: PT

WINDOWS

#	Panes	Tint	Ornt	Area	OH Length	OH Hght	Units
1	Double	Clear	N	20.0 ft²	1.0 ft	6.0 ft	1
2	Double	Clear	N	15.0 ft²	1.0 ft	6.0 ft	2
3	Double	Clear	N	15.0 ft²	1.0 ft	6.0 ft	2
4	Double	Clear	N	6.0 ft²	1.0 ft	6.0 ft	1
5	Double	Clear	S	16.0 ft²	1.0 ft	6.0 ft	2
6	Double	Clear	S	8.0 ft²	1.0 ft	6.0 ft	1
7	Double	Clear	S	20.0 ft²	1.0 ft	6.0 ft	1
8	Double	Clear	E	16.0 ft²	1.0 ft	6.0 ft	2
9	Double	Clear	W	24.0 ft²	1.0 ft	6.0 ft	1

DUCTS

#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
1	Uncond.	Uncond.	Interior	6.0	62.0 ft

Credit Multipliers: None

WATER

#	System Type	EF	Cap.	Conservation Type	Con. EF
1	Electric Resistance	0.94	20.0	None	0.00

REFR.

#	Use Default?	Annual Operating Cost	Electric Rate
1	Yes	N/A	N/A

MISC

Rater Name:	CodeOnlyPro	**Class #:**	3	**Pool Size:**	0
Rater Certification #:	CodeOnlyPro	**Duct Leakage Type:**	N/A	**Pump Size:**	0.00 hp
Area Under Fluorescent:	0.0	**Visible Duct Disconnects:**	N/A	**Dryer Type:**	Electric
Area Under Incandescent:	2274.0	**Leak Free Duct System Proposed:**	No	**Stove Type:**	Electric
NOTE: Not all Rating info shown		**HRV/ERV System Present?:**	No	**Avg Ceil Hgt:**	

Residential System Sizing Calculation

Summary

Mrs. Weatherspoon

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

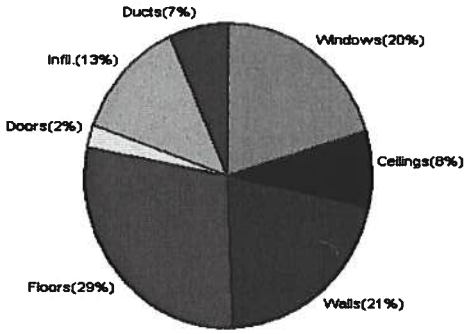
7/24/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**32080**	**Btuh**	**Total cooling load calculation**	**23454**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	99.8	32000	Sensible (SHR = 0.75)	119.3	24000
Heat Pump + Auxiliary(0.0kW)	99.8	32000	Latent	239.6	8000
			Total (Electric Heat Pump)	136.4	32000

WINTER CALCULATIONS

Winter Heating Load (for 2274 sqft)

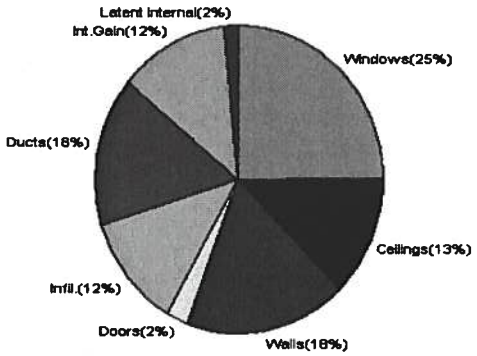
Load component			Load	
Window total	202	sqft	6502	Btuh
Wall total	2013	sqft	6609	Btuh
Door total	59	sqft	769	Btuh
Ceiling total	2274	sqft	2680	Btuh
Floor total	213	sqft	9300	Btuh
Infiltration	101	cfm	4077	Btuh
Duct loss			2142	Btuh
Subtotal			**32080**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**32080**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2274 sqft)

Load component			Load	
Window total	202	sqft	5832	Btuh
Wall total	2013	sqft	4198	Btuh
Door total	59	sqft	582	Btuh
Ceiling total	2274	sqft	3042	Btuh
Floor total			0	Btuh
Infiltration	50	cfm	937	Btuh
Internal gain			2900	Btuh
Duct gain			2625	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**20116**	**Btuh**
Latent gain(ducts)			1099	Btuh
Latent gain(infiltration)			1839	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			400	Btuh
Total latent gain			**3339**	**Btuh**
TOTAL HEAT GAIN			**23454**	**Btuh**



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: _____

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Mrs. Weatherspoon

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

,

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

7/24/2007

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
2	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
3	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
4	2, Clear, Metal, 0.87	N	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	S	32.0	32.2	1030 Btuh
6	2, Clear, Metal, 0.87	S	8.0	32.2	258 Btuh
7	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
8	2, Clear, Metal, 0.87	E	32.0	32.2	1030 Btuh
9	2, Clear, Metal, 0.87	W	24.0	32.2	773 Btuh
	Window Total		202(sqft)		6502 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2013	3.3	6609 Btuh
	Wall Total		2013		6609 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		59	12.9	769 Btuh
	Door Total		59		769Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shin	30.0	2274	1.2	2680 Btuh
	Ceiling Total		2274		2680Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	213.0 ft(p)	43.7	9300 Btuh
	Floor Total		213		9300 Btuh
				Envelope Subtotal:	25860 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.32	18874	2013 100.7	4077 Btuh
Ductload				(DLM of 0.072)	2142 Btuh
All Zones				**Sensible Subtotal All Zones**	**32080 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	32080 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	32080 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Mrs. Weatherspoon

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

7/24/2007

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EQUIPMENT		
1. Electric Heat Pump/Split	#(Outside) #(Inside)	32000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
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System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Mrs. Weatherspoon

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

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Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

7/24/2007

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
2	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
3	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
4	2, Clear, Metal, 0.87	N	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	S	32.0	32.2	1030 Btuh
6	2, Clear, Metal, 0.87	S	8.0	32.2	258 Btuh
7	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
8	2, Clear, Metal, 0.87	E	32.0	32.2	1030 Btuh
9	2, Clear, Metal, 0.87	W	24.0	32.2	773 Btuh
	Window Total		202(sqft)		6502 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2013	3.3	6609 Btuh
	Wall Total		2013		6609 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		59	12.9	769 Btuh
	Door Total		59		769Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shin	30.0	2274	1.2	2680 Btuh
	Ceiling Total		2274		2680Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	213.0 ft(p)	43.7	9300 Btuh
	Floor Total		213		9300 Btuh
			Zone Envelope Subtotal:		25860 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.32	18874	2013	100.7	4077 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.072)				2142 Btuh
Zone #1			**Sensible Zone Subtotal**		**32080 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Mrs. Weatherspoon
,

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

7/24/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	32080 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	32080 Btuh

EQUIPMENT

1. Electric Heat Pump/Split	#(Outside) #(Inside)	32000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
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System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Mrs. Weatherspoon

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

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Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 7/24/2007

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Overhang Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	HTM Unshaded	Load
1	2, Clear, 0.87, B-D, N,F	N	1ft.	6ft.	20.0	0.0	20.0	19	19	374 Btuh
2	2, Clear, 0.87, B-D, N,F	N	1ft.	6ft.	30.0	0.0	30.0	19	19	560 Btuh
3	2, Clear, 0.87, B-D, N,F	N	1ft.	6ft.	30.0	0.0	30.0	19	19	560 Btuh
4	2, Clear, 0.87, B-D, N,F	N	1ft.	6ft.	6.0	0.0	6.0	19	19	112 Btuh
5	2, Clear, 0.87, B-D, N,F	S	1ft.	6ft.	32.0	32.0	0.0	19	23	598 Btuh
6	2, Clear, 0.87, B-D, N,F	S	1ft.	6ft.	8.0	8.0	0.0	19	23	149 Btuh
7	2, Clear, 0.87, B-D, N,F	S	1ft.	6ft.	20.0	20.0	0.0	19	23	374 Btuh
8	2, Clear, 0.87, B-D, N,F	E	1ft.	6ft.	32.0	0.0	32.0	19	55	1774 Btuh
9	2, Clear, 0.87, B-D, N,F	W	1ft.	6ft.	24.0	0.0	24.0	19	55	1330 Btuh
	Window Total				202 (sqft)					5832 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2012.6	2.1	4198 Btuh
	Wall Total		2013 (sqft)		4198 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	59.4	9.8	582 Btuh
	Door Total	59 (sqft)		582 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Shingle	30.0	2274.0	1.3	3042 Btuh
	Ceiling Total		2274 (sqft)		3042 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	213 (ft(p))	0.0	0 Btuh
	Floor Total		213.0 (sqft)		0 Btuh

			Envelope Subtotal:		13654 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.16	18874	2013	100.7	937 Btuh

Internal gain		Occupants		Btuh/occupant		Appliance	Load
		2	X	230	+	2440	2900 Btuh

	Sensible Envelope Load:	17490 Btuh
Duct load	(DGM of 0.150)	2625 Btuh
	Sensible Load All Zones	**20116 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Mrs. Weatherspoon
,

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

7/24/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**17490 Btuh**
	Sensible Duct Load	2625 Btuh
	Total Sensible Zone Loads	**20116 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**20116 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	1839 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1099 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**3339 Btuh**
	TOTAL GAIN	**23454 Btuh**

EQUIPMENT

1. Central Unit/Split	#(Outside) #(Inside)	32000 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Mrs. Weatherspoon

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

,

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 7/24/2007

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, B-D, N,F	N	1ft.	6ft.	20.0	0.0	20.0	19	19	374 Btuh
2	2, Clear, 0.87, B-D, N,F	N	1ft.	6ft.	30.0	0.0	30.0	19	19	560 Btuh
3	2, Clear, 0.87, B-D, N,F	N	1ft.	6ft.	30.0	0.0	30.0	19	19	560 Btuh
4	2, Clear, 0.87, B-D, N,F	N	1ft.	6ft.	6.0	0.0	6.0	19	19	112 Btuh
5	2, Clear, 0.87, B-D, N,F	S	1ft.	6ft.	32.0	32.0	0.0	19	23	598 Btuh
6	2, Clear, 0.87, B-D, N,F	S	1ft.	6ft.	8.0	8.0	0.0	19	23	149 Btuh
7	2, Clear, 0.87, B-D, N,F	S	1ft.	6ft.	20.0	20.0	0.0	19	23	374 Btuh
8	2, Clear, 0.87, B-D, N,F	E	1ft.	6ft.	32.0	0.0	32.0	19	55	1774 Btuh
9	2, Clear, 0.87, B-D, N,F	W	1ft.	6ft.	24.0	0.0	24.0	19	55	1330 Btuh
	Window Total				202 (sqft)					5832 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2012.6	2.1	4198 Btuh
	Wall Total		2013 (sqft)		4198 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Exterior		59.4	9.8	582 Btuh
	Door Total		59 (sqft)		582 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Shingle	30.0	2274.0	1.3	3042 Btuh
	Ceiling Total		2274 (sqft)		3042 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	213 (ft(p))	0.0	0 Btuh
	Floor Total		213.0 (sqft)		0 Btuh
			Zone Envelope Subtotal:		13654 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)		CFM=	Load
	SensibleNatural	0.16	18874	2013		50.3	937 Btuh
Internal gain		Occupants	Btuh/occupant			Appliance	Load
		2	X 230		+	2440	2900 Btuh
					Sensible Envelope Load:		17490 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)					(DGM of 0.150)	2625 Btuh
					Sensible Zone Load		**20116 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Mrs. Weatherspoon
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Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

7/24/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**17490 Btuh**
	Sensible Duct Load	2625 Btuh
	Total Sensible Zone Loads	**20116 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**20116 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	1839 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1099 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**3339 Btuh**
	TOTAL GAIN	**23454 Btuh**

EQUIPMENT

1. Central Unit/Split	#(Outside) #(Inside)	32000 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Mrs. Weatherspoon

Project Title:
Weatherspoon Remodel

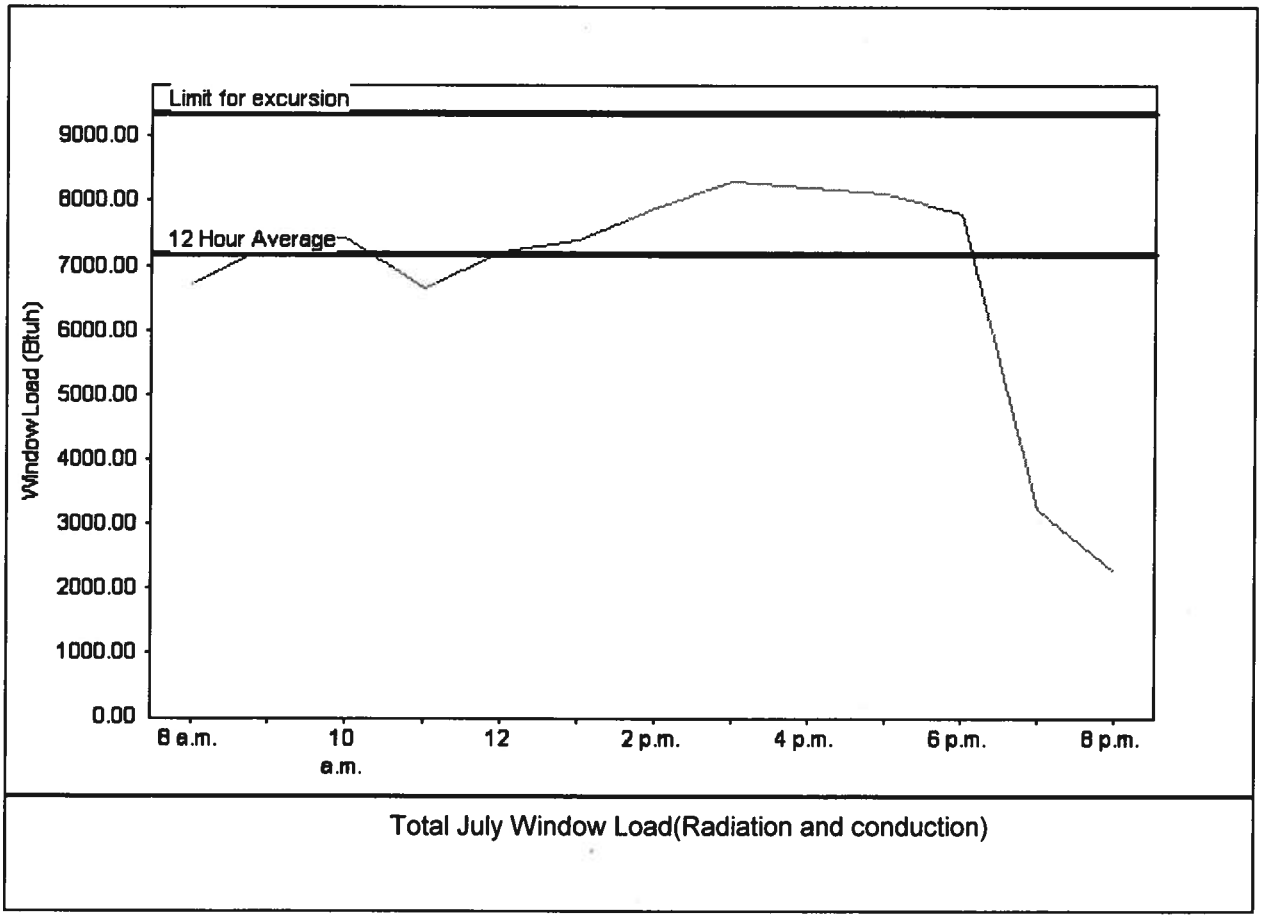
Code Only
Professional Version
Climate: South

7/24/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	7187 Btuh
Summer setpoint	75 F	Peak window load for July	8310 Btuh
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	9343 Btuh
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

The midsummer window load for this house does not exceed the window load excursion limit.

This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

Summary Energy Code Results

Residential Whole Building Performance Method A

Mrs. Weatherspoon

Project Title:
Weatherspoon Remodel

Code Only
Professional Version
Climate: South

7/24/2007

Building Loads			
Base		As-Built	
Summer:	**63147 points**	Summer:	**59570 points**
Winter:	**2432 points**	Winter:	**1718 points**
Hot Water:	**6273 points**	Hot Water:	**6273 points**
Total:	**71852 points**	Total:	**67561 points**

Energy Use			
Base		As-Built	
Cooling:	**20523 points**	Cooling:	**15726 points**
Heating:	**1347 points**	Heating:	**745 points**
Hot Water:	**6819 points**	Hot Water:	**6674 points**
Total:	**28689 points**	Total:	**23144 points**

PASS
e-Ratio: 0.81

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

2007 Proposed Values

Parcel: 34-3S-17-07071-000 HX

Tax Record | Property Card | Interactive GIS Map | Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	SEYMORE MARY ALICE		
Site Address	BEECH		
Mailing Address	235 SE BEECH ST LAKE CITY, FL 32025		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	34317.07	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	0.430 ACRES		
Description	LOT 13 & 14 & 15 BLOCK 10 COUNTRY CLUB ESTATES S/D ORB 720-679, QCD 1095-583		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$19,500.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$95,532.00
XFOB Value	cnt: (1)	$250.00
Total Appraised Value		$115,282.00

Just Value		$115,282.00
Class Value		$0.00
Assessed Value		$64,084.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$39,084.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
8/31/2006	1095/583	QC	I	U	01	$100.00
5/30/1990	720/679	WD	I	Q		$50,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1963	Conc Block (15)	2625	2945	$95,532.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0294	SHED WOOD/	0	$250.00	1.000	6 x 10 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 LT - (.430AC)	1.00/1.00/1.30/1.00	$19,500.00	$19,500.00

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

( ) Single Family Dwelling
( ) Farm Outbuilding
( ) Two-Family Residence
( ) Other____________________

NEW CONSTRUCTION OR IMPROVEMENT

( ) New Construction
( ) Addition, Alteration, Modification or other Improvement

Mary Alice Weatherspoon (Mary Seymore)

I Mary Alice Weatherspoon, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number ____________________

Mary A. Weatherspoon
Owner Builder Signature Date

The above signer is personally known to me or produced identification ✓

Notary Signature Lari Hodson Date 7/27/07 (Stamp / Seal)

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date____________________ Building Official/Representative____________________

W362-559-47-969-0

```
@ CAM112M01        CamaUSA Appraisal System                    Columbia County
 7/26/2007 11:59   Legal Description Maintenance    19500  Land   001   *
Year T Property                          Sel                  AG     000
2007 R 34-3S-17-07071-000                ...          95532  Bldg   001   *
       235 BEECH ST SE  LAKE CITY                       250  Xfea   001
HX     SEYMORE MARY ALICE                            115282  TOTAL       B*

  1  LOT 13 & 14 & 15 BLOCK 10        COUNTRY CLUB ESTATES S/D          2
  3  ORB 720-679, QCD 1095-583                                          4
  5                                                                     6
  7                                                                     8
  9                                                                    10
 11                                                                    12
 13                                                                    14
 15                                                                    16
 17                                                                    18
 19                                                                    20
 21                                                                    22
 23                                                                    24
 25                                                                    26
 27                                                                    28
                                                Mnt  9/18/2006 THRESA
F1=Task  F3=Exit  F4=Prompt  F10=GoTo  PgUp/PgDn  F24=More
```

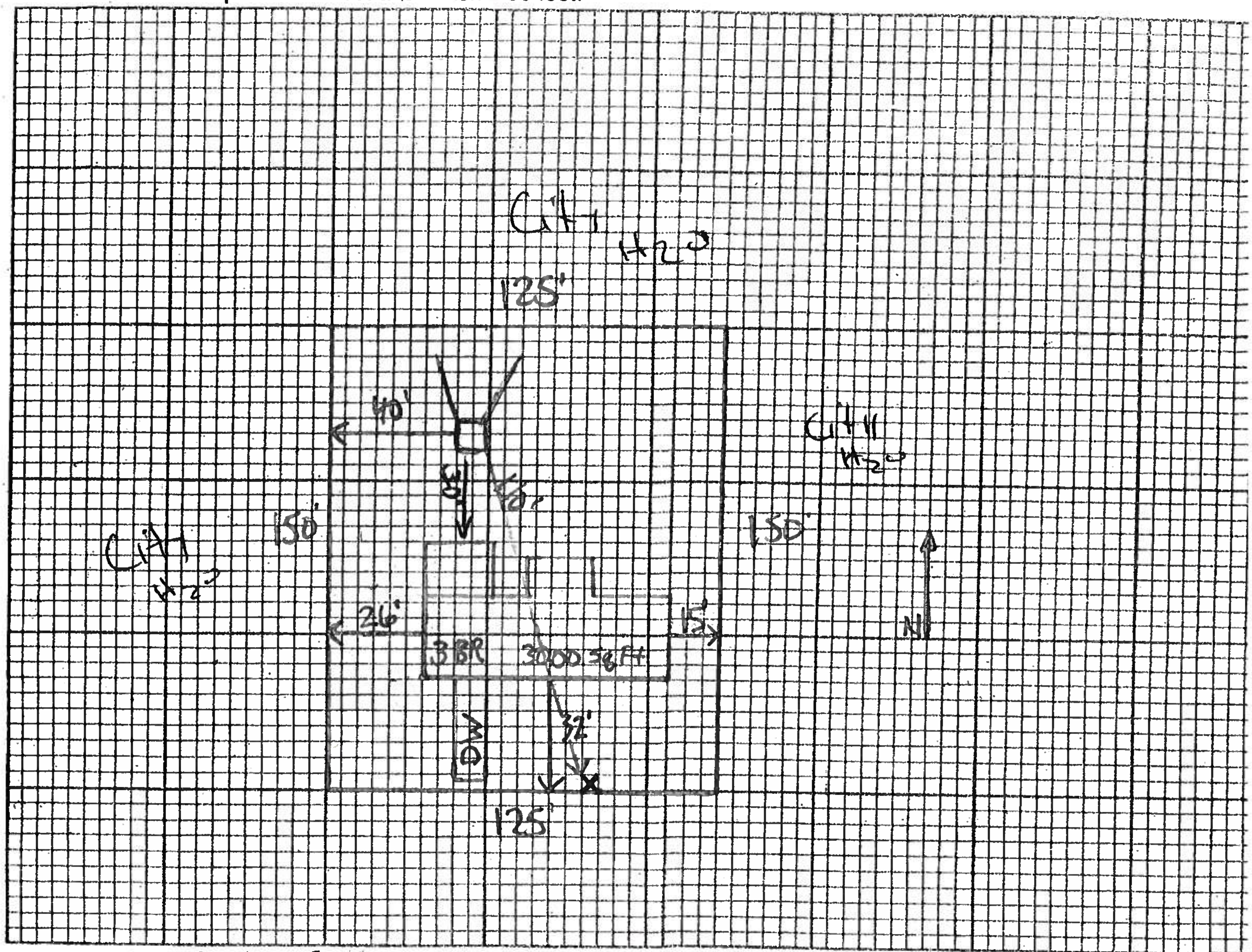
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0625E

---------------------------- PART II - SITE PLAN ----------------------------

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



Notes: Red = Septic Tank
X = Water Hook up
DW =

Site Plan submitted by: ~~[signature]~~ [signature] ____ Owner
Signature Title

Plan Approved ✓ ______ Not Approved ______ Date 8/6/07

By [signature] Columbia County Health Departn

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T9I8228Z0131115440

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-218--OWNER BUILDER Weatherspoon -- , **
Truss Count:	30
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.36.
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

Seal Date: 07/31/2007

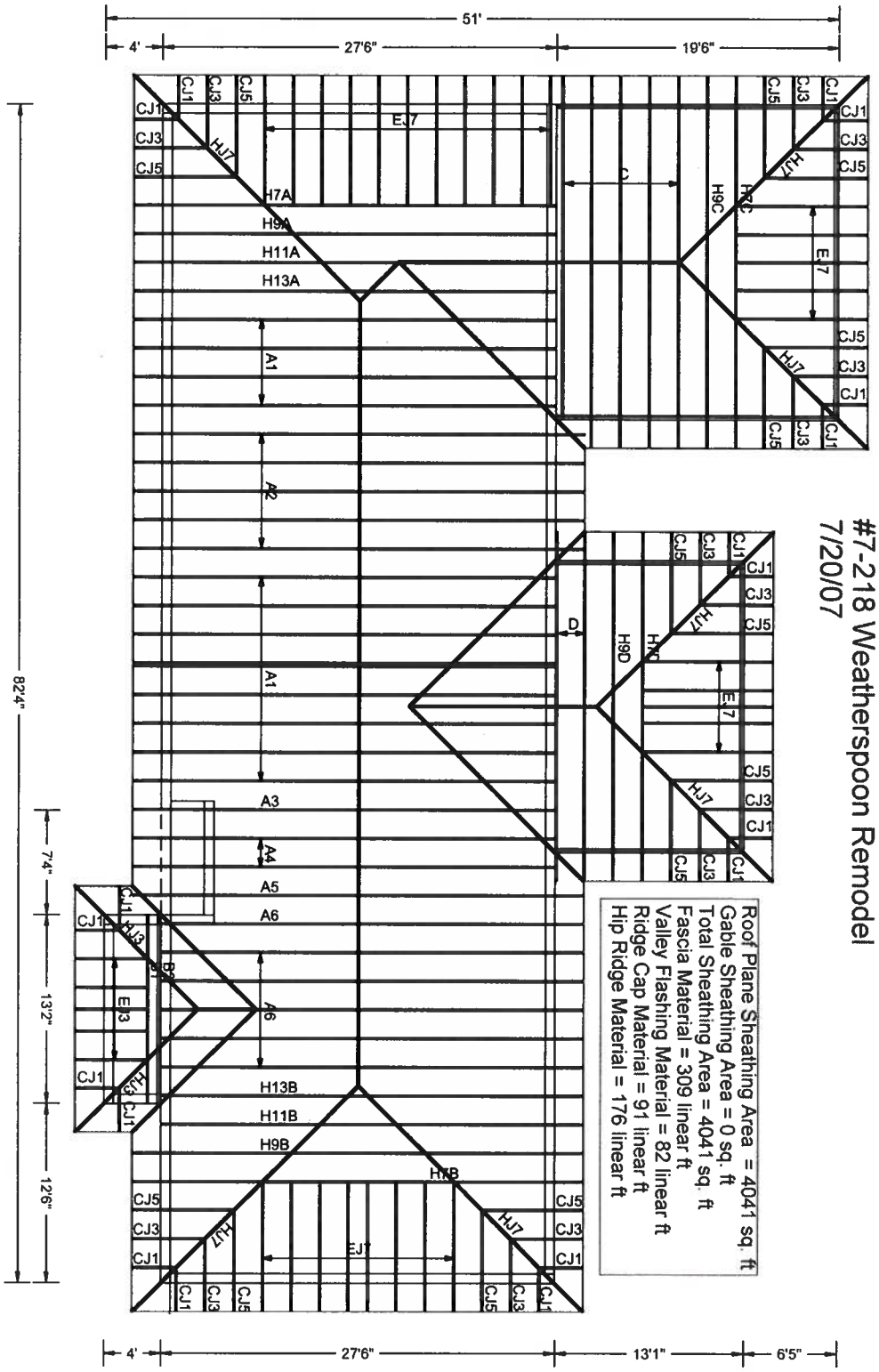
-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

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: HCUSR8228

Details: -

#	Ref Description	Drawing#	Date
1	77136--H7A	07212007	07/31/07
2	77137--H7B	07212024	07/31/07
3	77138--A1	07212015	07/31/07
4	77139--A2	07212019	07/31/07
5	77140--A6	07212013	07/31/07
6	77141--H9B	07212026	07/31/07
7	77142--H11B	07212017	07/31/07
8	77143--A3	07212011	07/31/07
9	77144--A4	07212025	07/31/07
10	77145--A5	07212016	07/31/07
11	77146--A6	07212014	07/31/07
12	77147--H13B	07212018	07/31/07
13	77148--H13A	07212010	07/31/07
14	77149--H9A	07212008	07/31/07
15	77150--H11A	07212009	07/31/07
16	77151--B1	07212021	07/31/07
17	77152--B2	07212006	07/31/07
18	77153--H7C	07212001	07/31/07
19	77154--H9C	07212012	07/31/07
20	77155--C	07212020	07/31/07
21	77156--H7D	07212003	07/31/07
22	77157--D	07212005	07/31/07
23	77158--H9D	07212004	07/31/07
24	77159--CJ1	07212030	07/31/07
25	77160--HJ7	07212027	07/31/07
26	77161--HJ3	07212022	07/31/07
27	77162--CJ3	07212029	07/31/07
28	77163--CJ5	07212028	07/31/07
29	77164--EJ7	07212002	07/31/07
30	77165--EJ3	07212023	07/31/07



#7-218 Weatherspoon Remodel
7/20/07

Roof Plane Sheathing Area = 4041 sq. ft
Gable Sheathing Area = 0 sq. ft
Total Sheathing Area = 4041 sq. ft
Fascia Material = 309 linear ft
Valley Flashing Material = 82 linear ft
Ridge Cap Material = 91 linear ft
Hip Ridge Material = 176 linear ft

JOB DESCRIPTION:: OWNER BUILDER
/: Weatherspoon

JOB NO:
7-218

PAGE NO:
1 OF 1

(7-218--OWNER BUILDER Weatherspoon -- , ** - H7A)

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W7 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

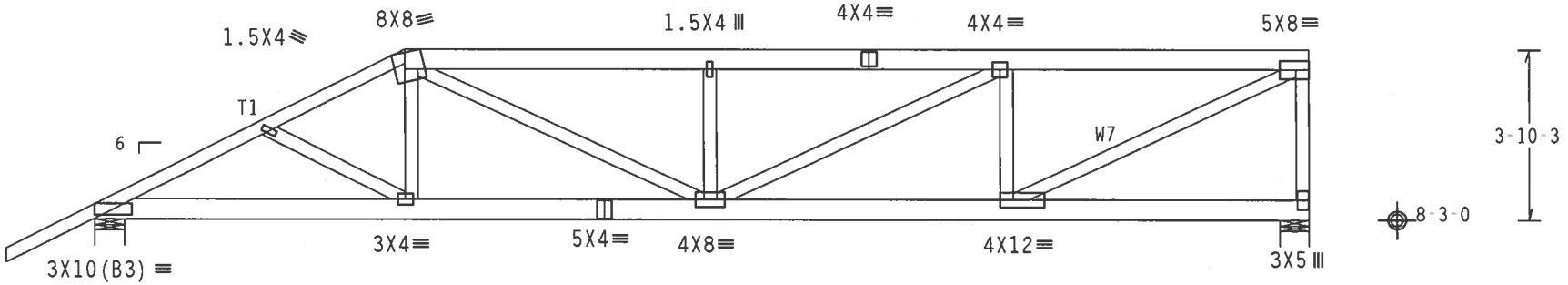
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 607

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 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; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) 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 TPI1-2002 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.

JAMES F. COLLINS JR. LICENSE 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 '07

TC LL	20.0 PSF	REF R8228- 77136
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212007
BC LL	0.0 PSF	HC-ENG TCE/AP
TOT.LD.	40.0 PSF	SEQN- 26743
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - H7B)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

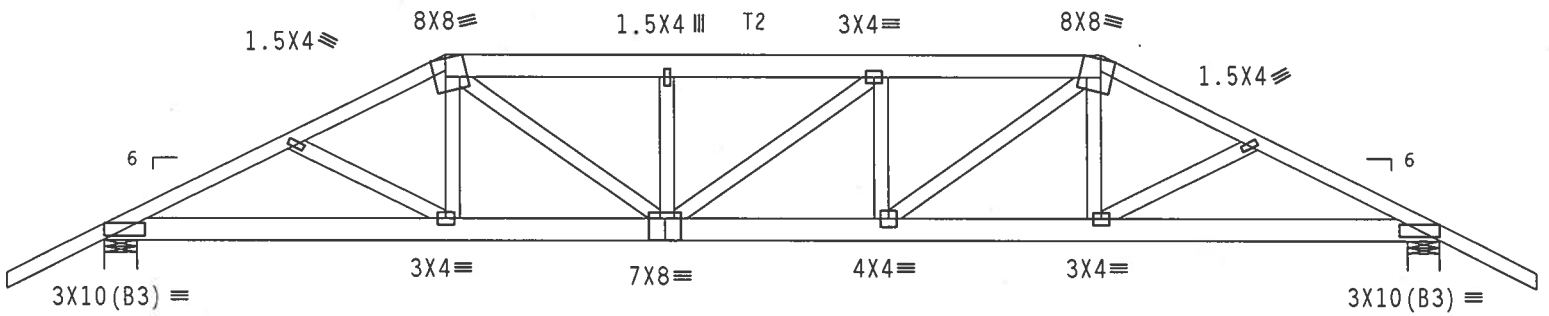
Wind reactions based on MWFRS pressures.

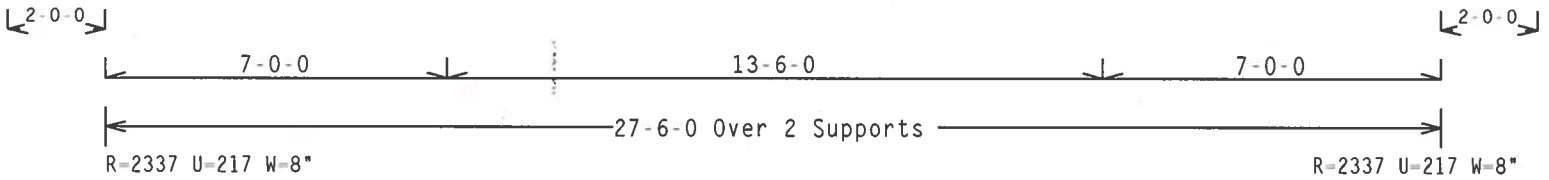
#1 hip supports 7-0-0 jacks with no webs.

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 GCpi(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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 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.

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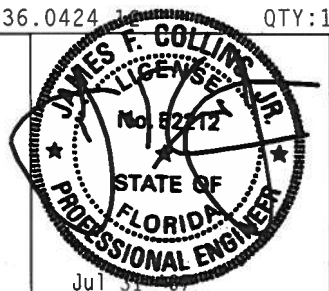


Jul 31 07

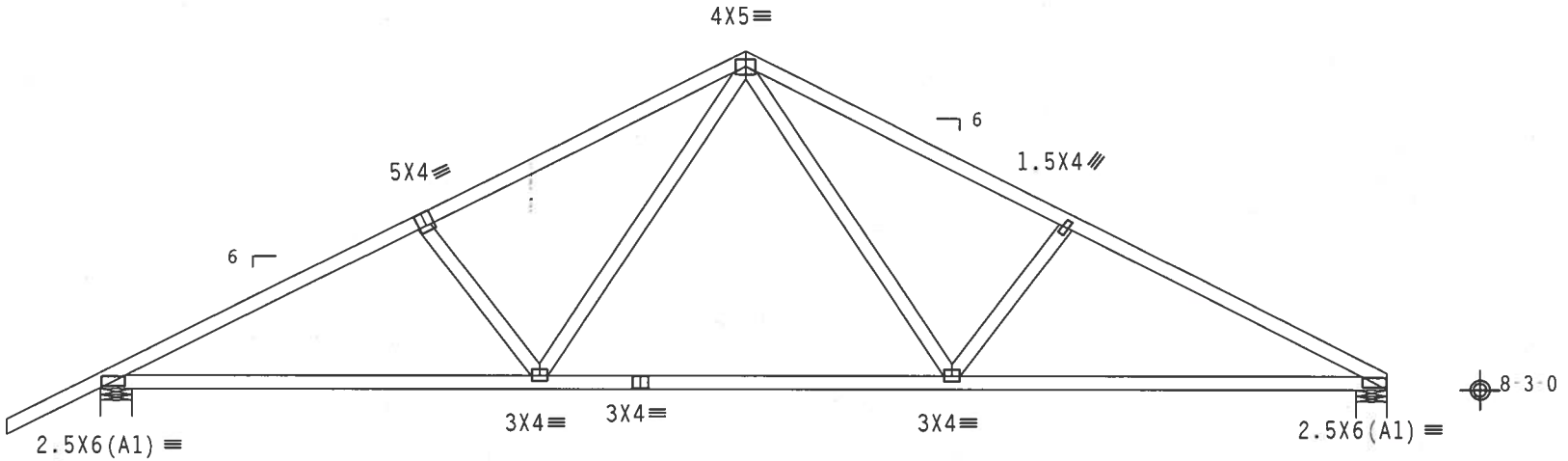
TC LL	20.0 PSF	REF R8228- 77137
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212024
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 26750
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

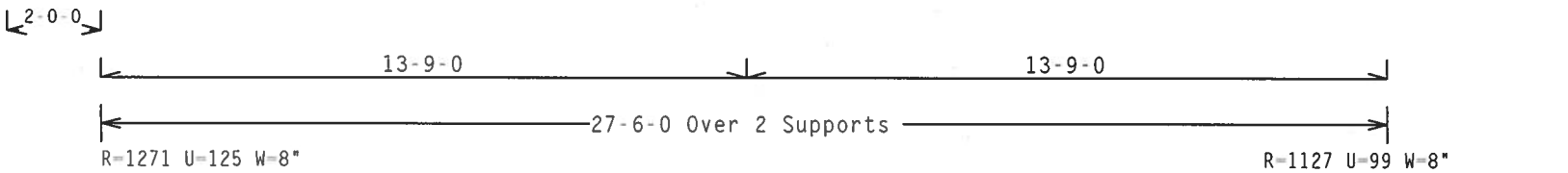
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.13 QTY:13 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ju

TC LL	20.0 PSF	REF	R8228- 77138
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212015
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26705
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

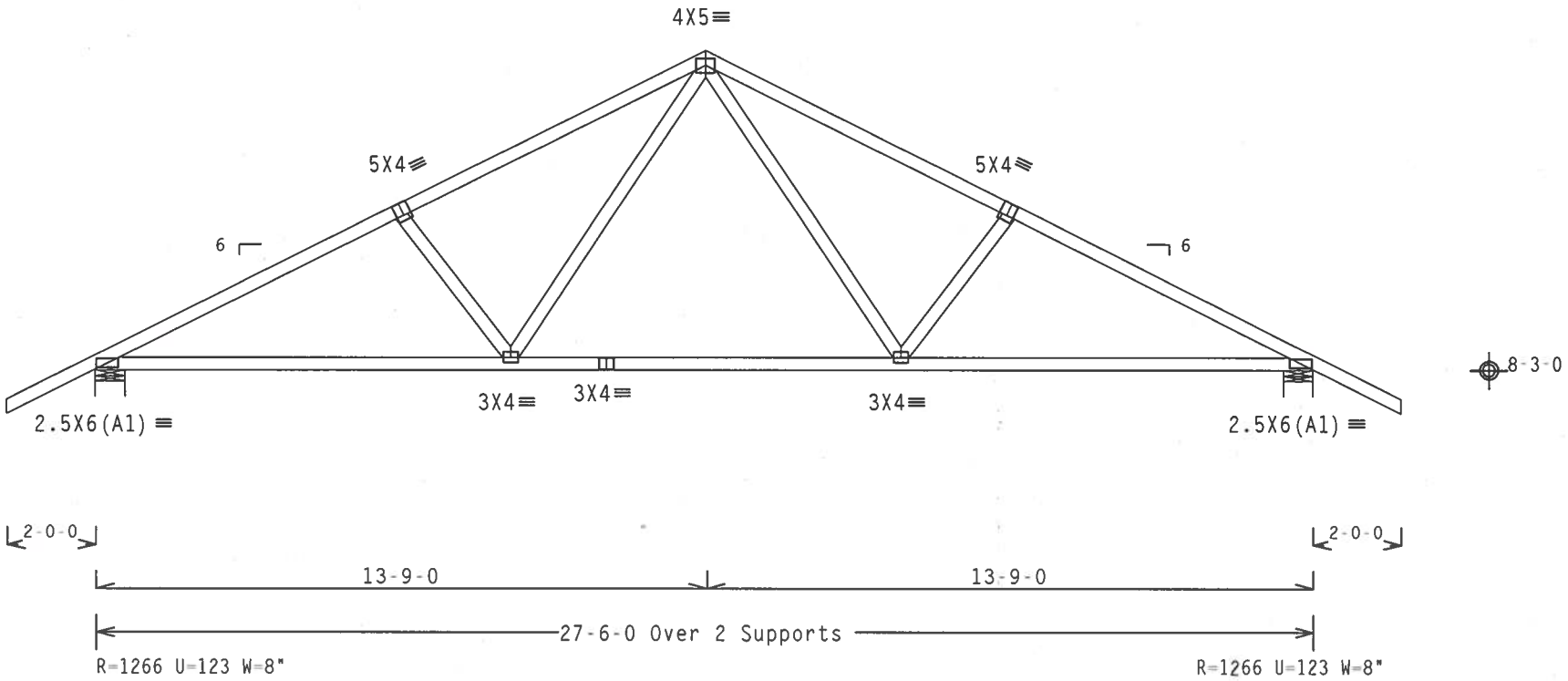
(7-218--OWNER BUILDER Weatherspoon -- , ** - A2)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:5 FL/-/4/-/-/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, 218 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.

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ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 607

JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

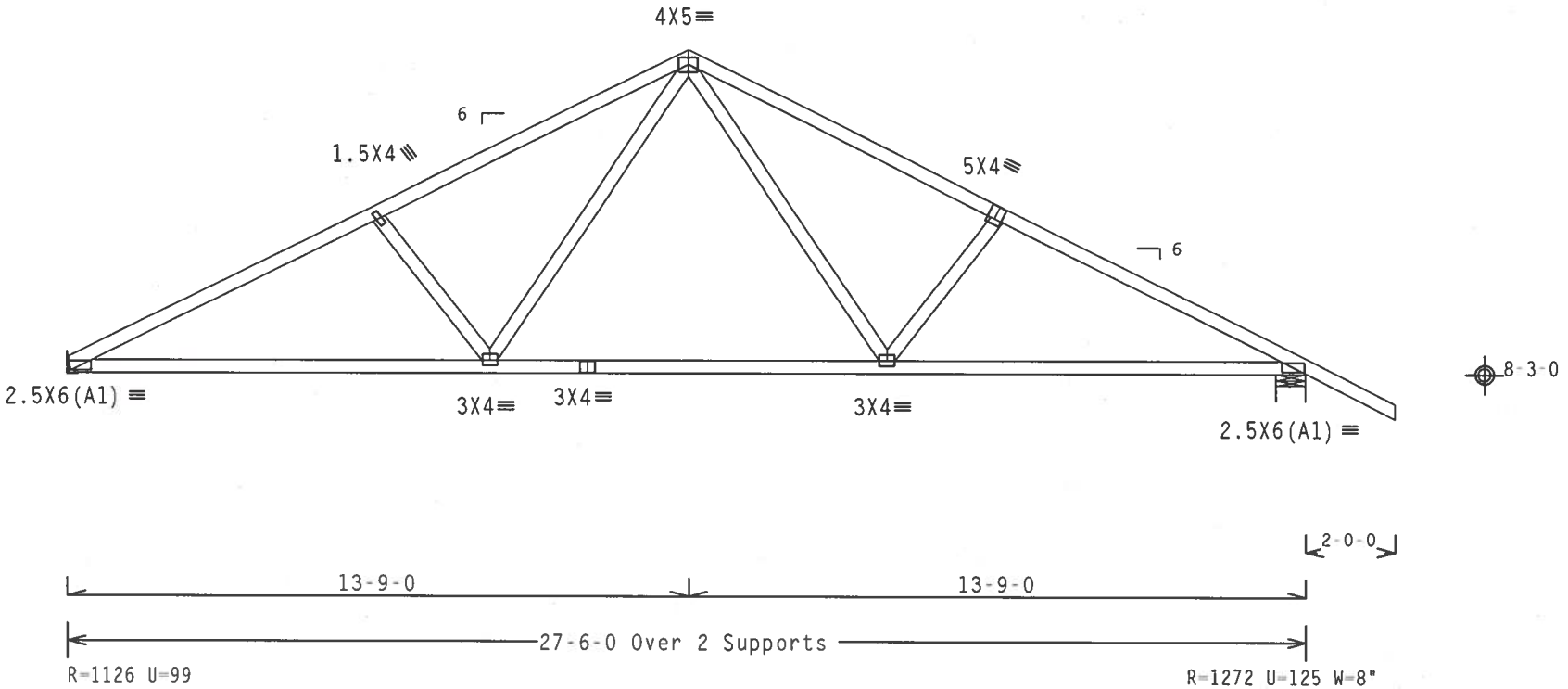
TC LL	20.0 PSF	REF R8228- 77139
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212019
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 26714
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

PLT TYP. Wave

QTY:5 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6627

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 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.

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF R8228- 77140
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212013
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 26930
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

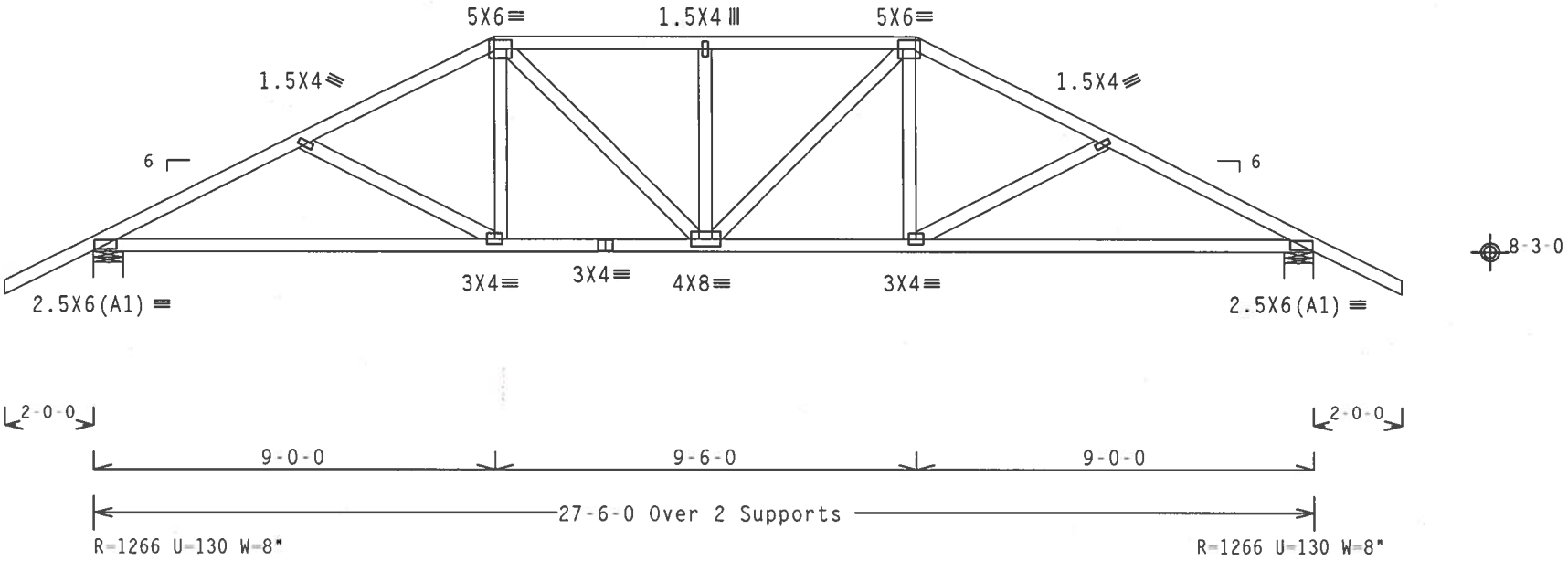
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF	R8228- 77141
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212026
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26755
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

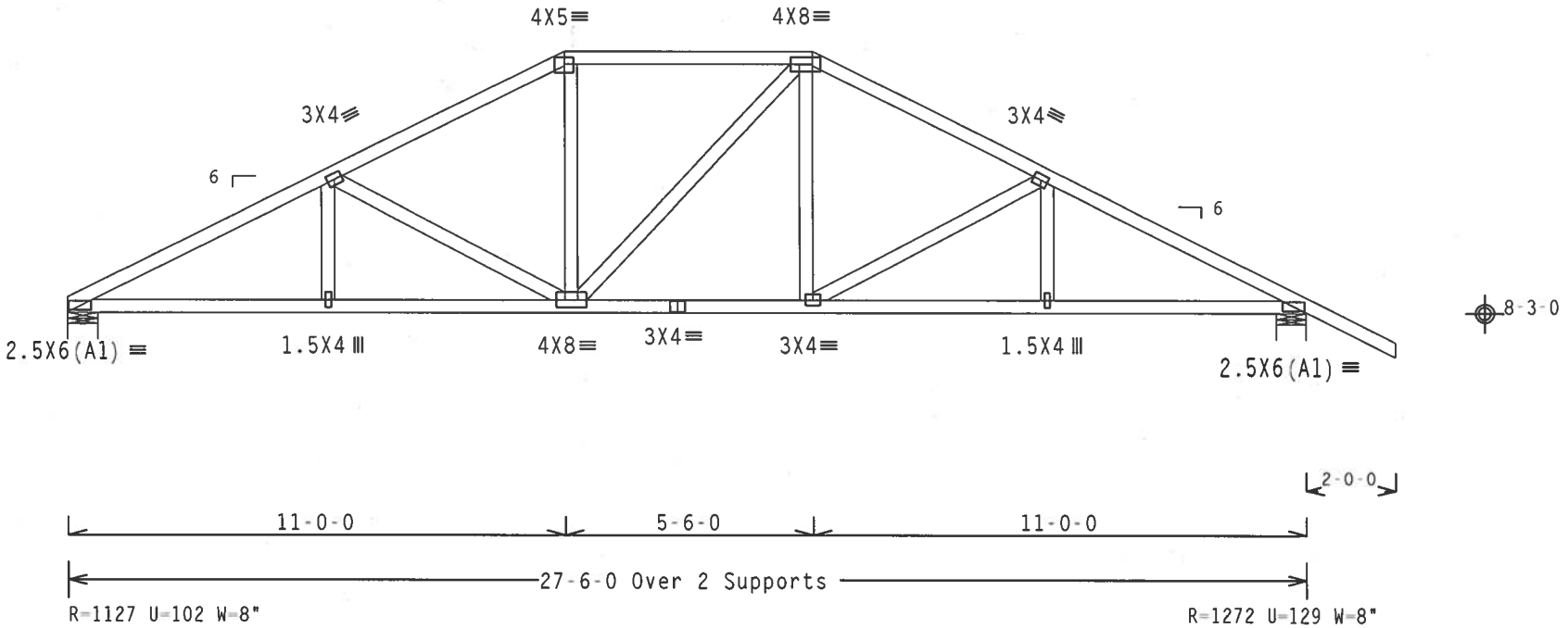
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 [illegible]

TC LL	20.0 PSF	REF R8228- 77142
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212017
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 26957
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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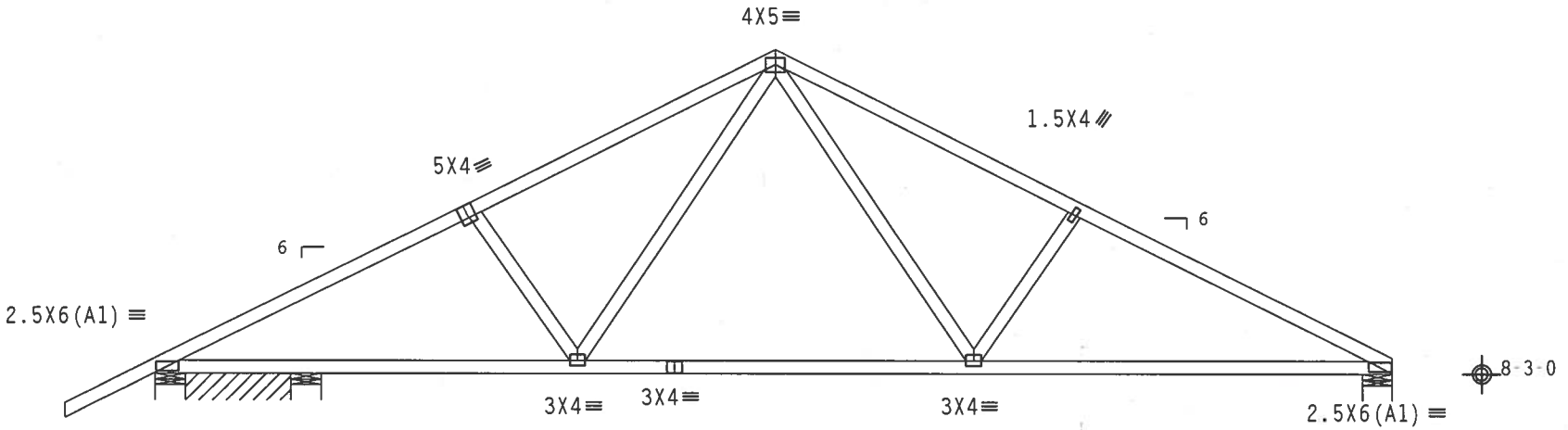

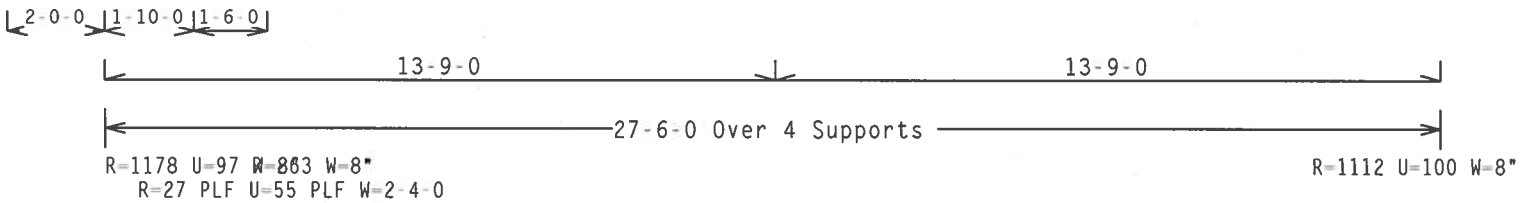

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #567

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JAMES F. COLLINS, JR. LICENSE NO. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 '07

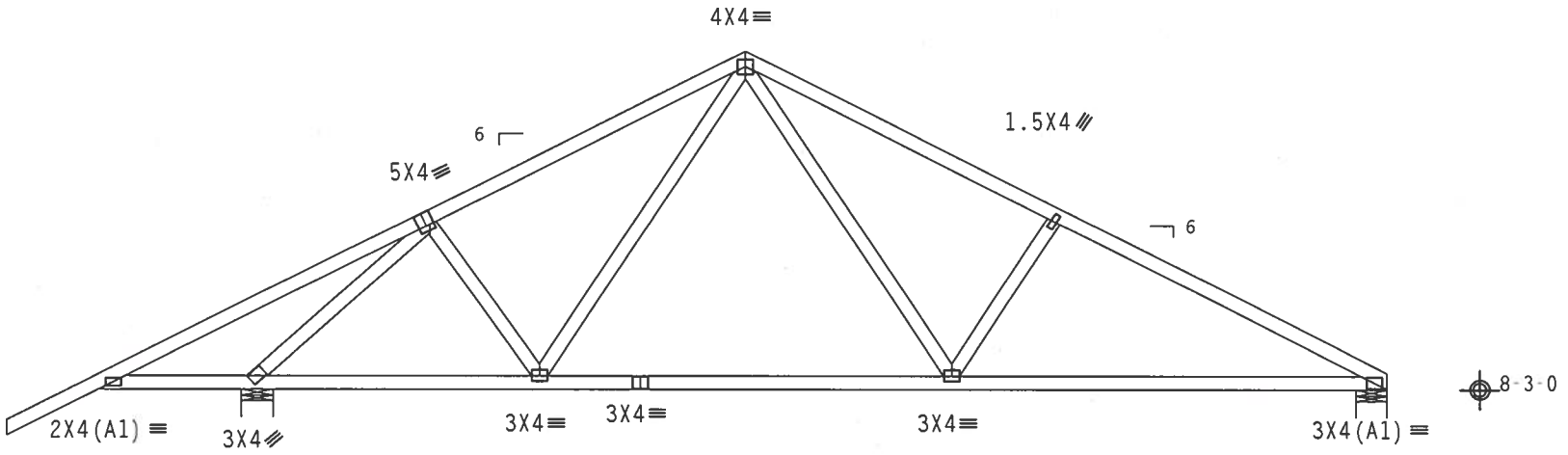
TC LL	20.0 PSF	REF	R8228- 77143
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212011
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	26798
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

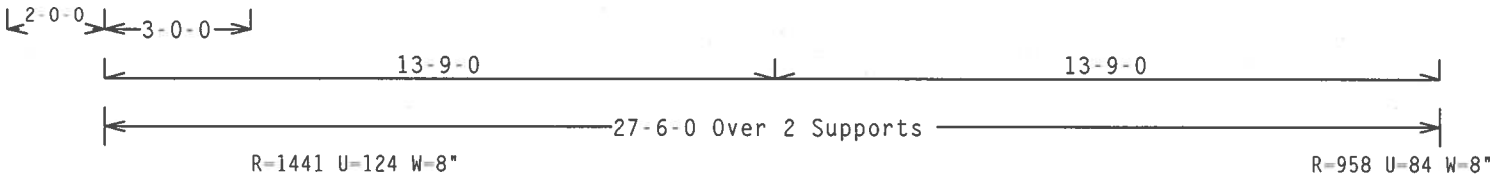
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.1[illegible] QTY:2 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR
LICENSE
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 31 07

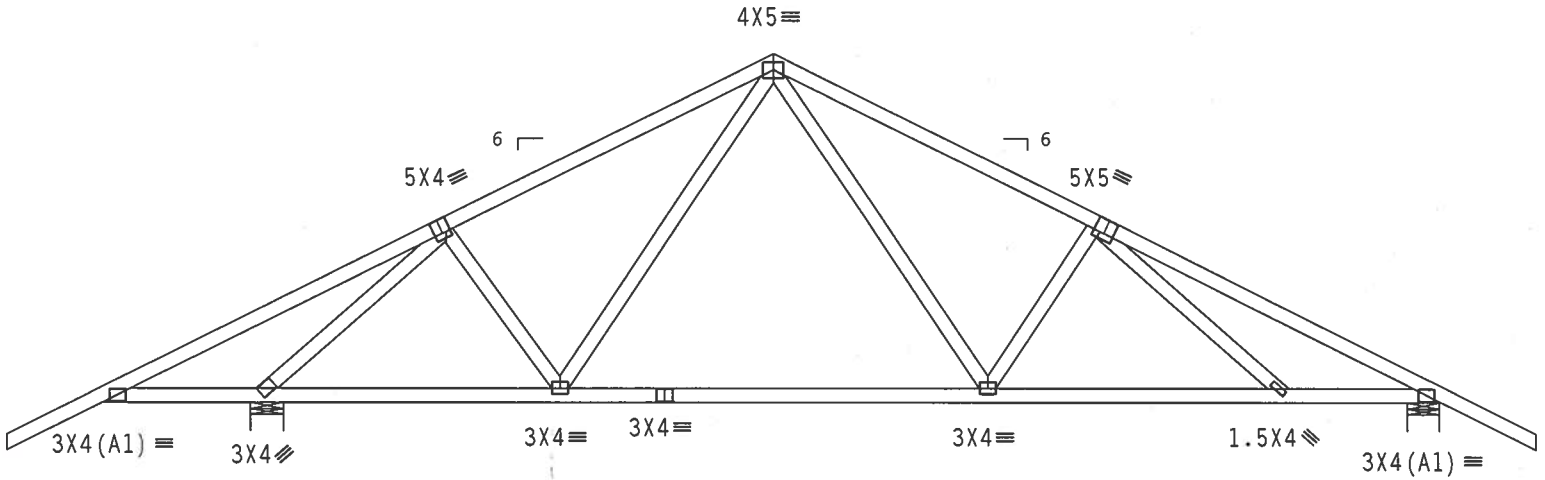
TC LL	20.0 PSF	REF	R8228- 77144
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212025
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	26813
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R8228- 77145
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212016
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 26953
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - A6)

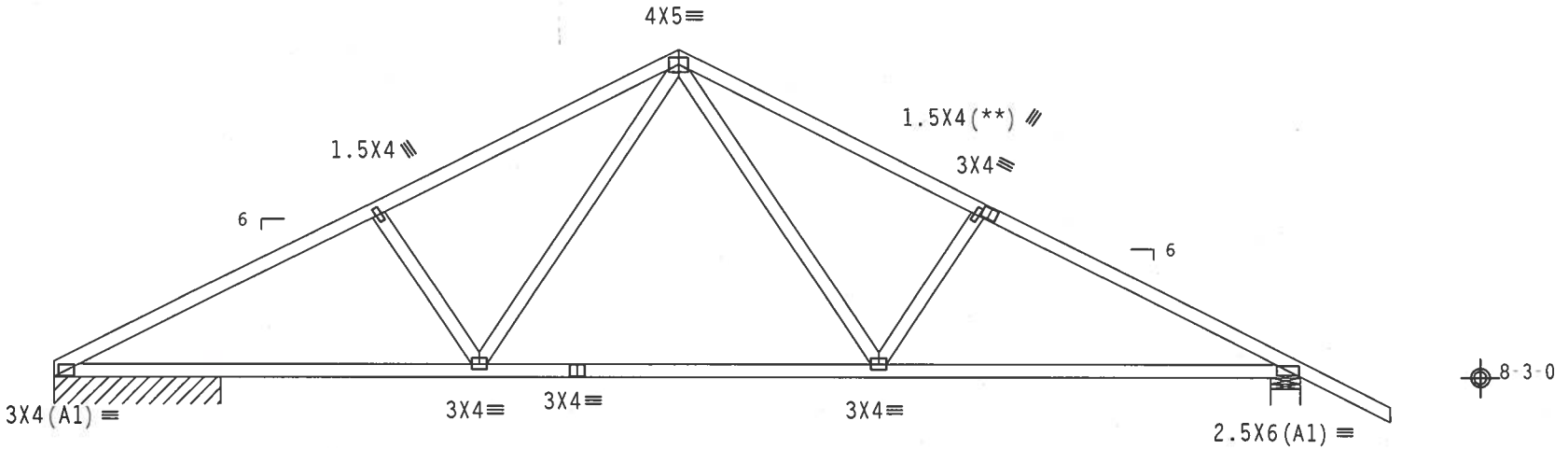
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF R8228- 77146
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212014
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 26844
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - H13B)

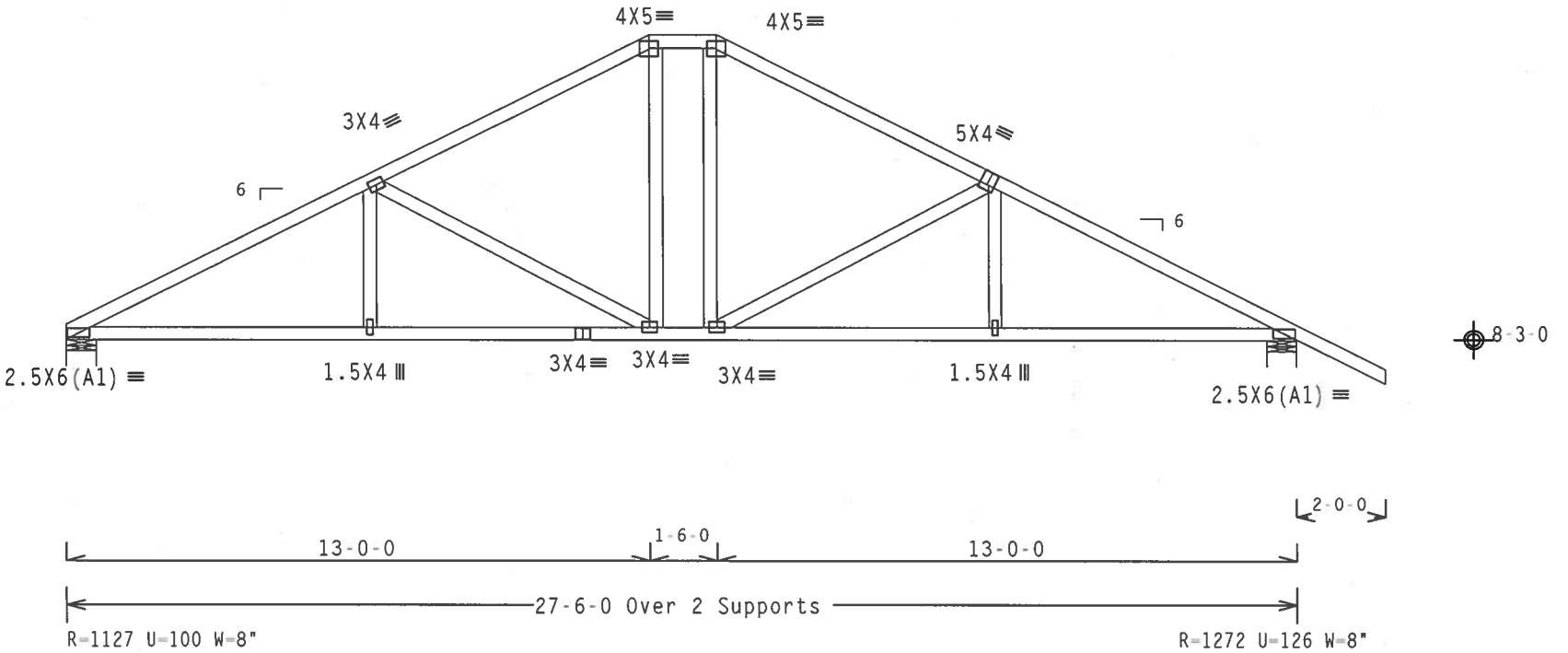
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

JAMES F. COLLINS LICENSED No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF R8228- 77147
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212018
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 26851
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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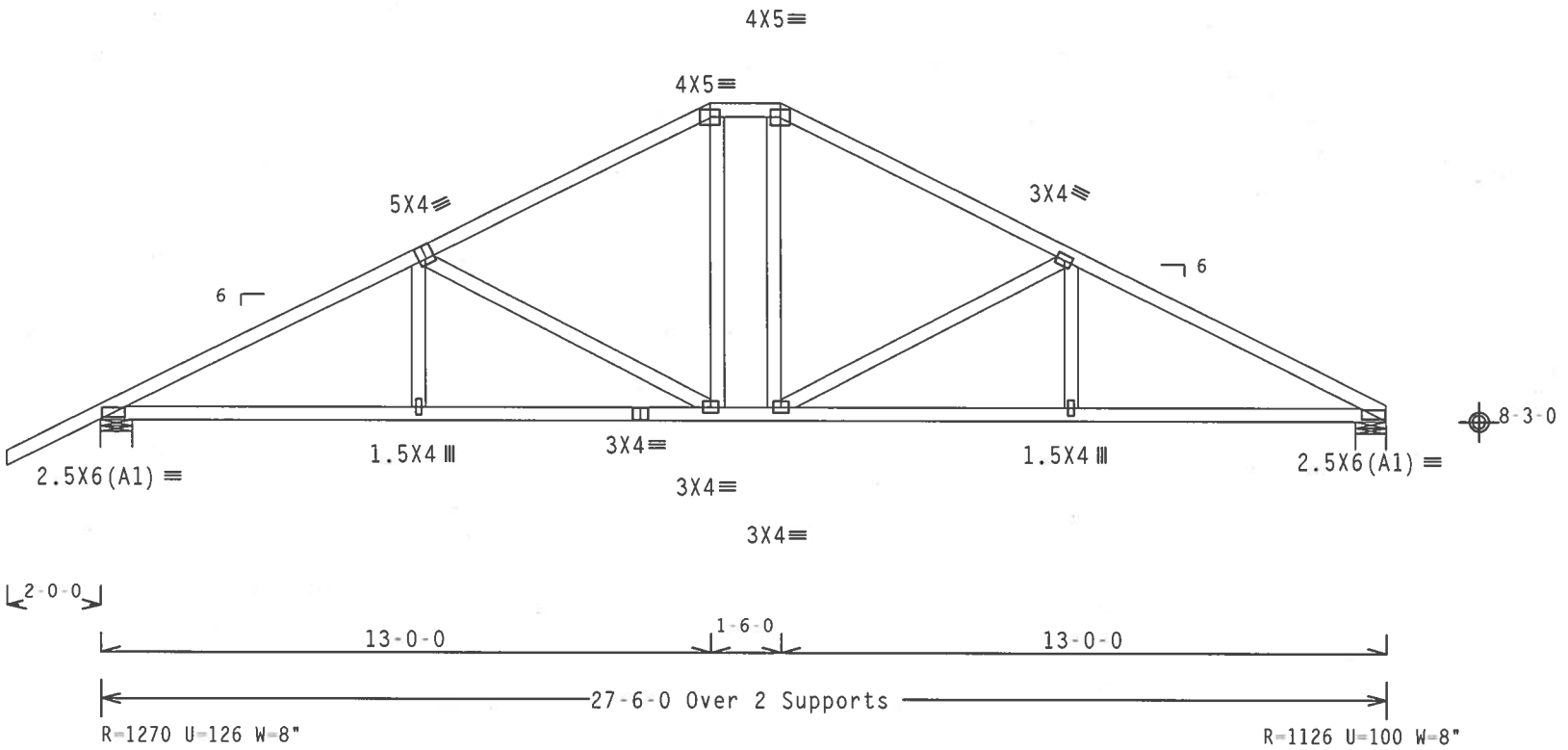


Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF R8228- 77148
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212010
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 26858
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - H9A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

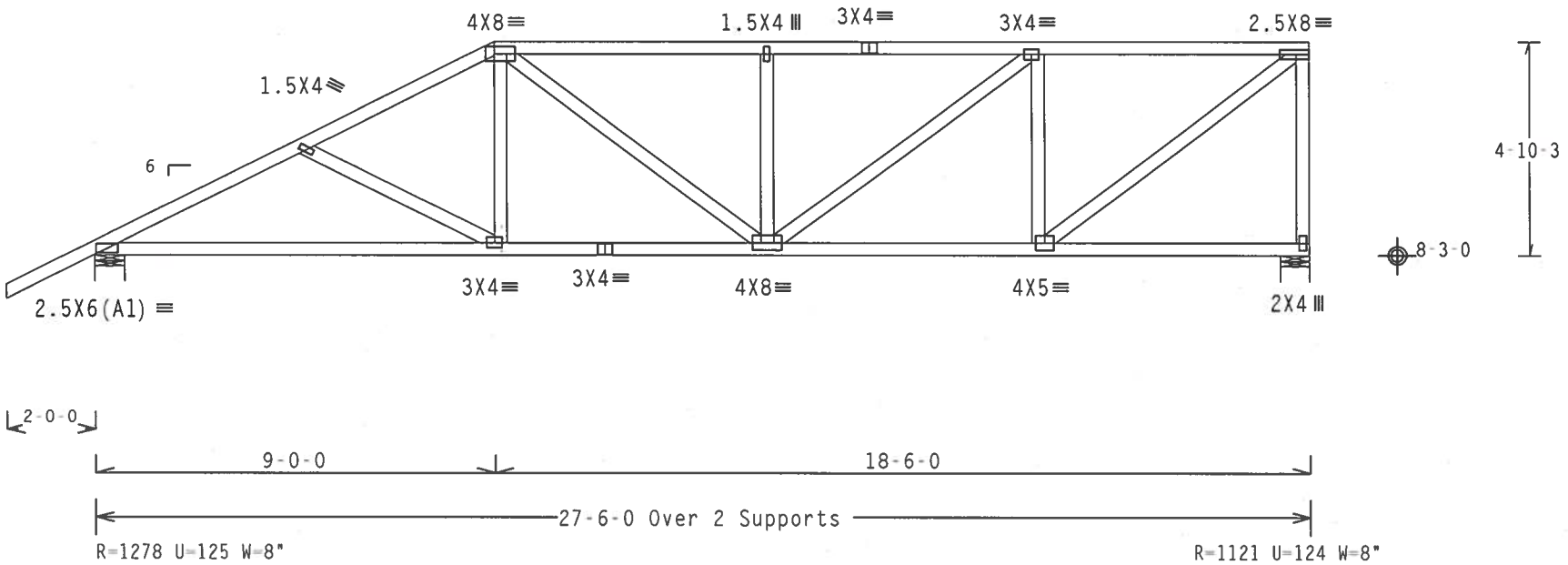
Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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 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.

IMPORTANTFURNISH 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.
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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

JOT 3

TC LL	20.0 PSF	REF	R8228- 77149
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212008
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26873
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - H11A)

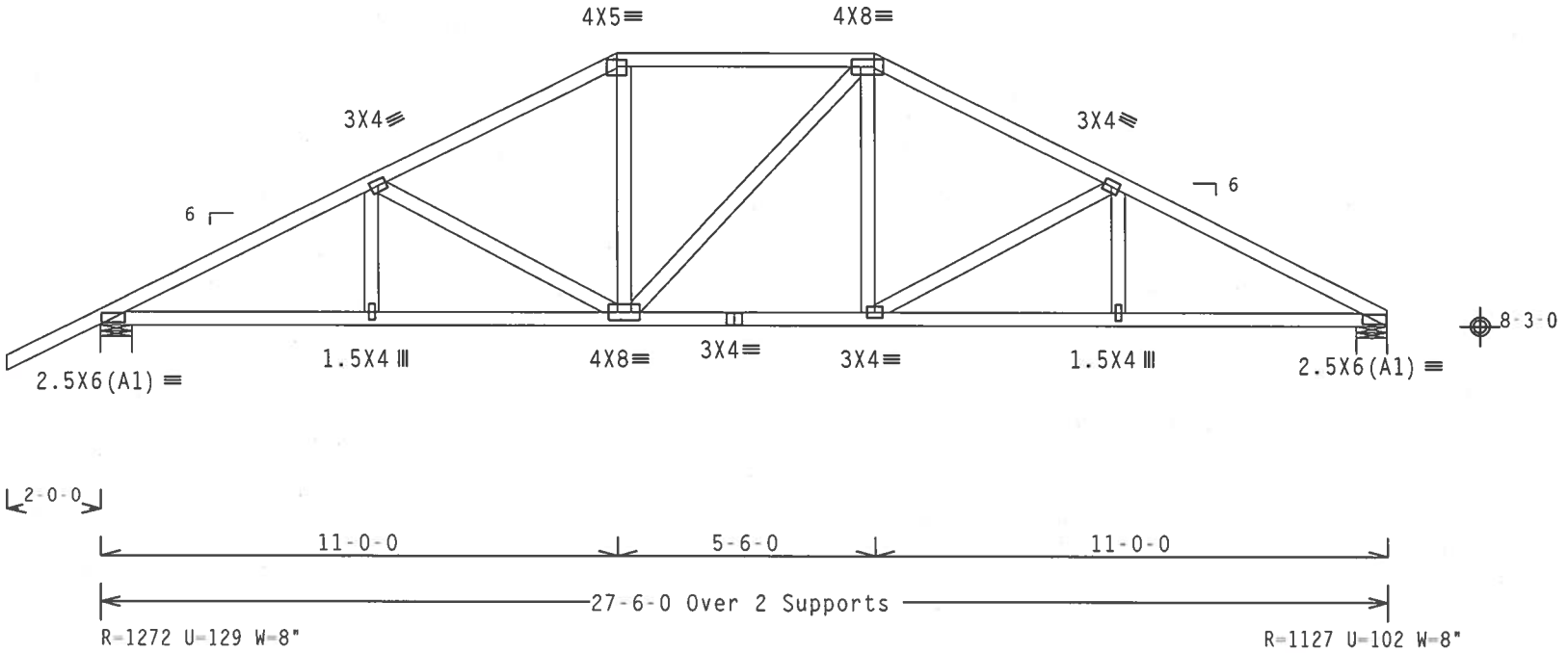
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R8228- 77150
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212009
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26921
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

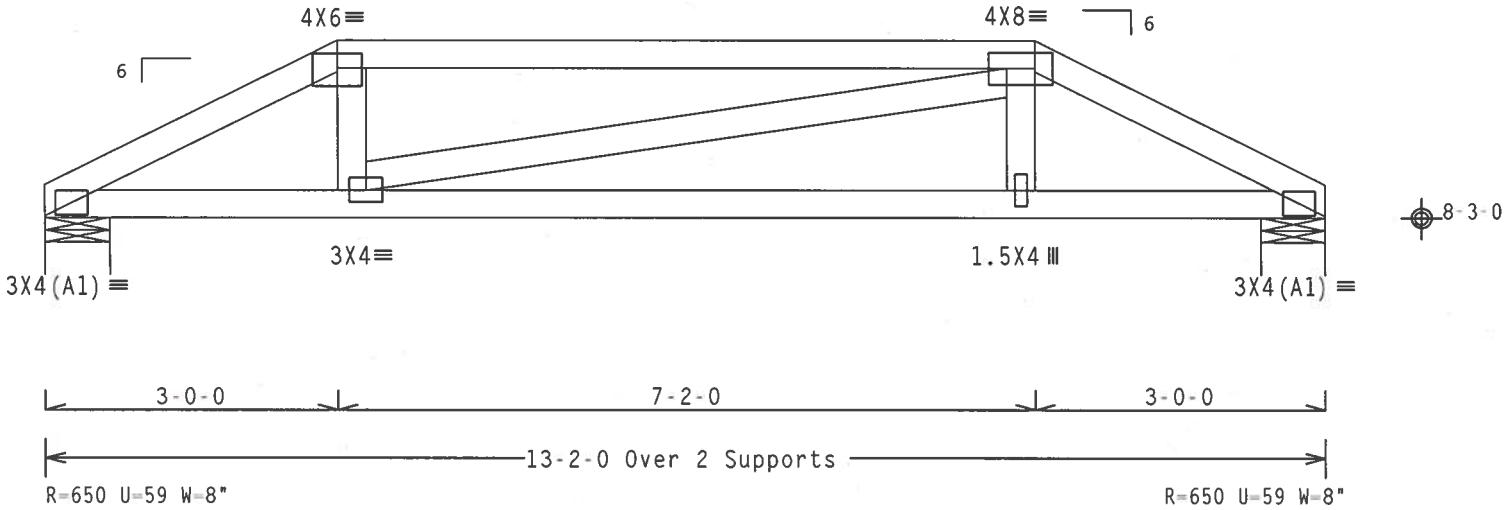
Wind reactions based on MWFRS pressures.

#1 hip supports 3-0-0 jacks with no webs.

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 GCpi(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF	R8228- 77151
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212021
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	26905
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 3.75
TC - From 62 PLF at 3.75 to 62 PLF at 9.42
TC - From 62 PLF at 9.42 to 62 PLF at 13.17
BC - From 20 PLF at 0.00 to 20 PLF at 13.17
BC - 1126 LB Conc. Load at 2.60, 4.60, 6.60, 8.60, 10.60

Wind reactions based on MWFRS pressures.

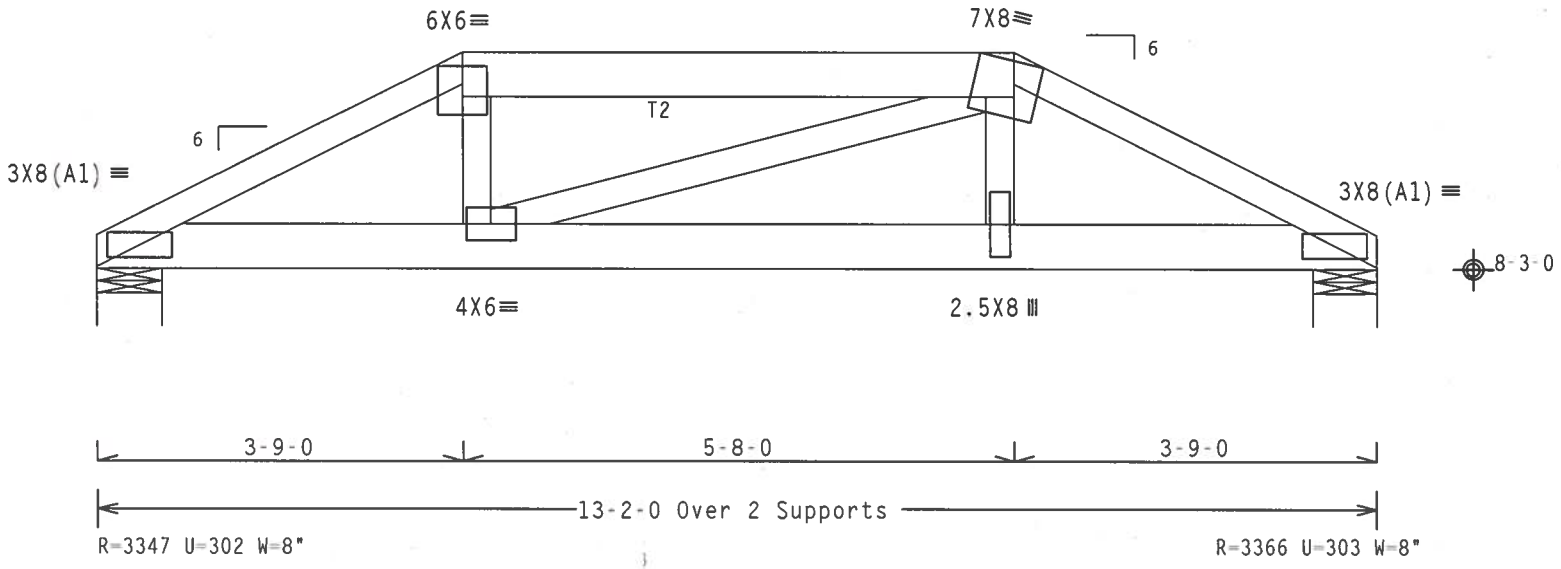
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 4.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #6477

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 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.

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF R8228- 77152
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212006
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 26935
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - H7C)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

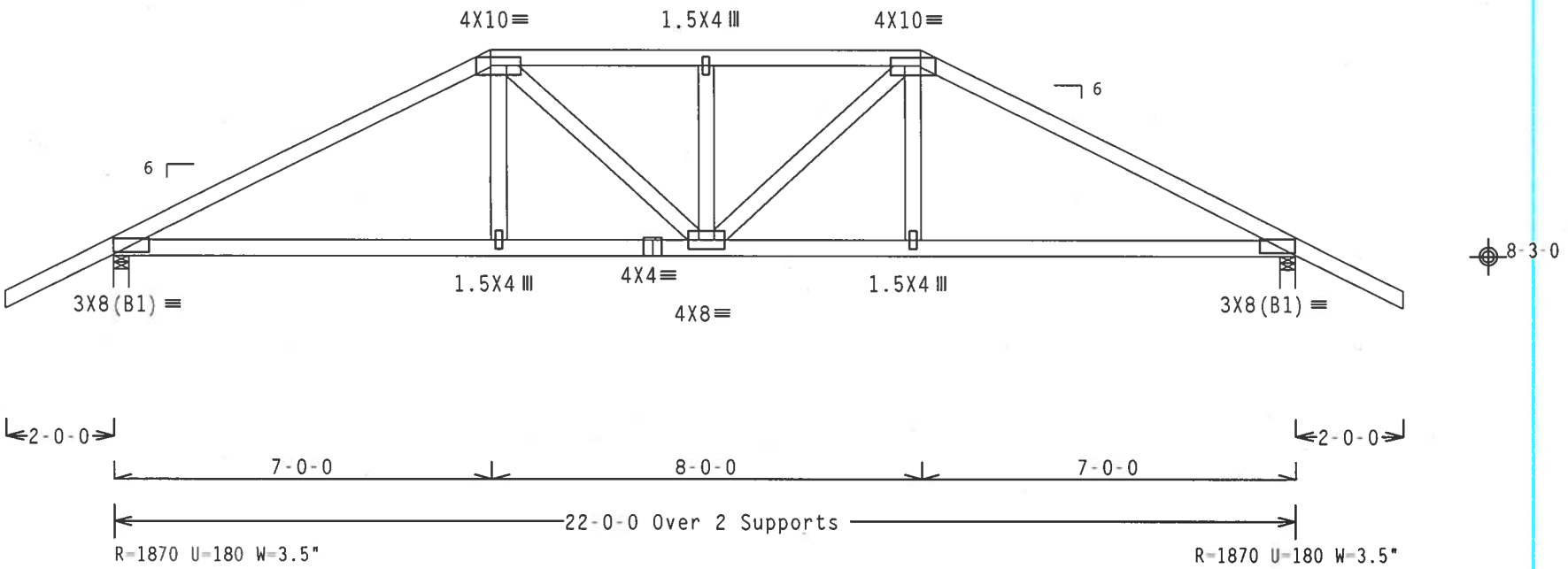
Wind reactions based on MWFRS pressures.

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

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 GCpi(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF	R8228- 77153
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212001
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	26881
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - H9C)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

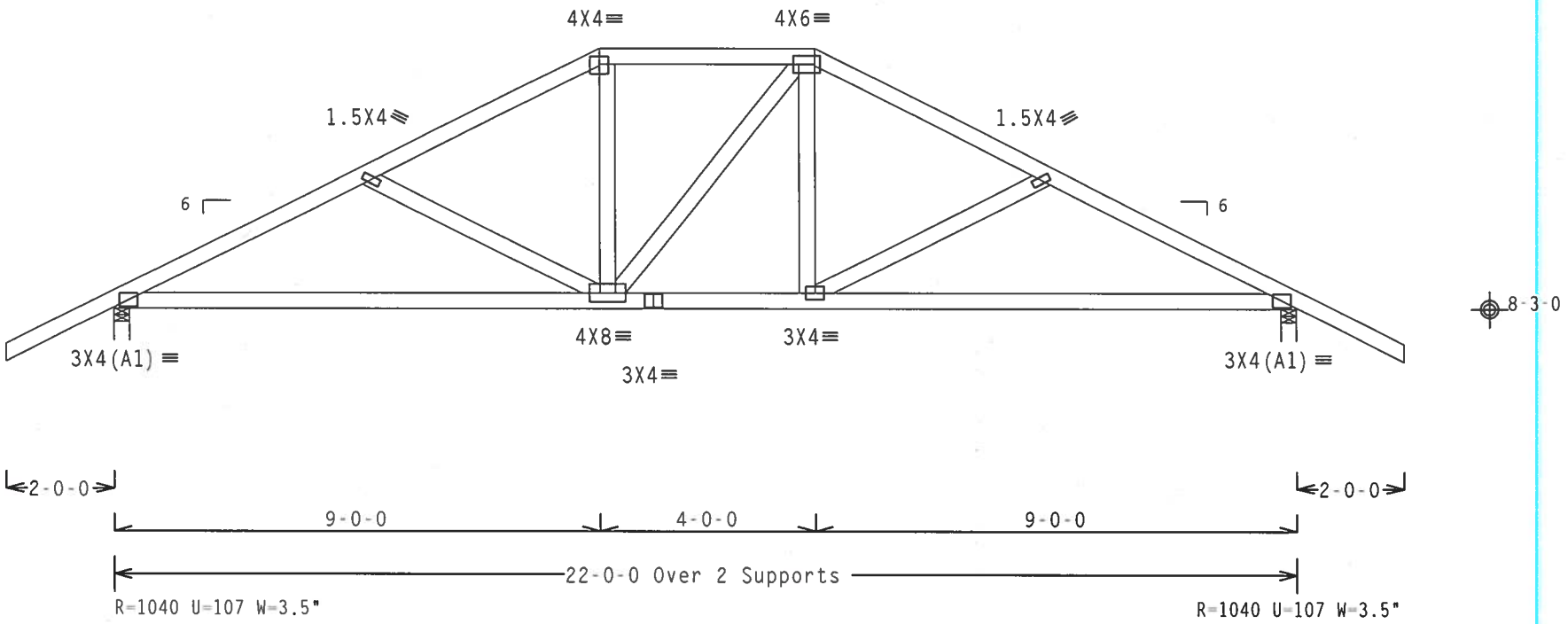
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 10 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

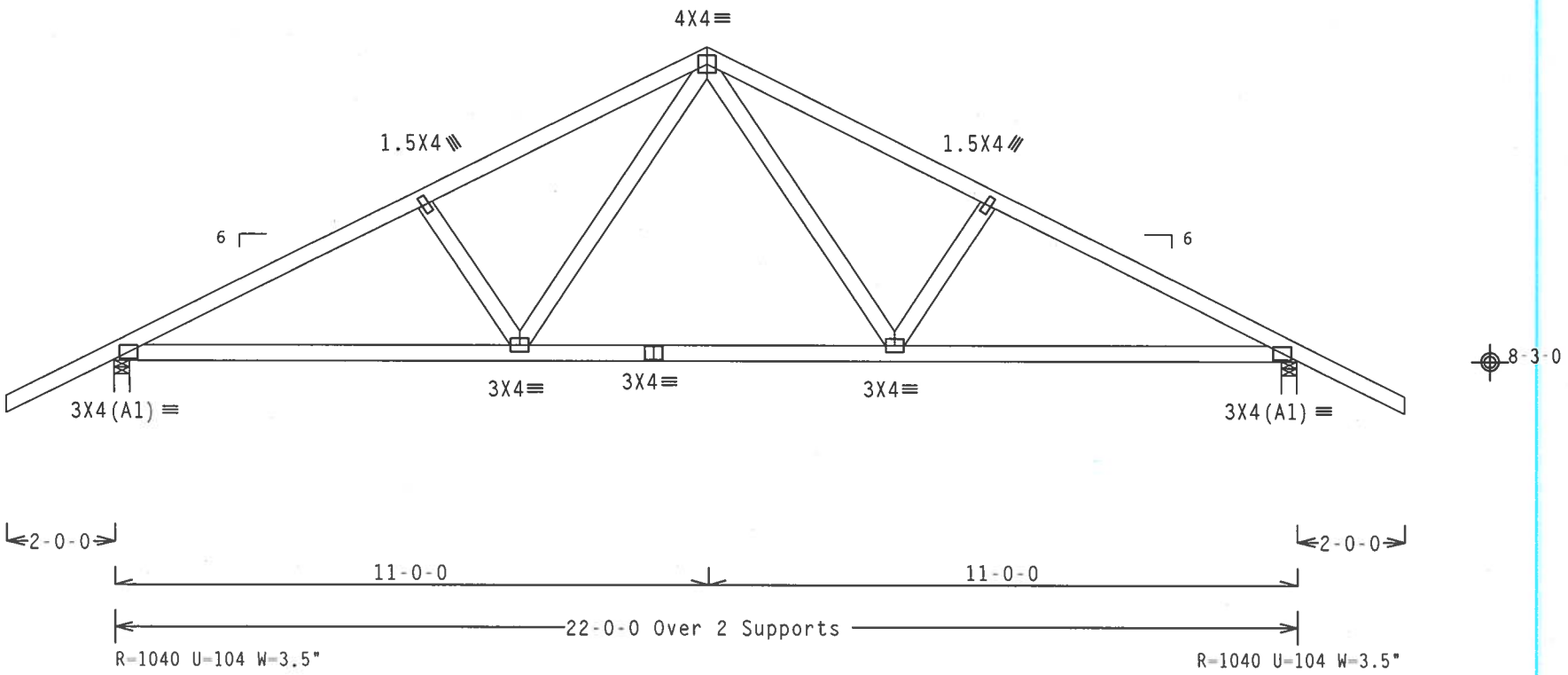
TC LL	20.0 PSF	REF	R8228- 77154
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212012
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26885
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

PLT TYP. Wave

QTY:5 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6677

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JAMES F. COLLINS, JR. LICENSED No. 32212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 31

TC LL	20.0 PSF	REF	R8228- 77155
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212020
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26889
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - H7D)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

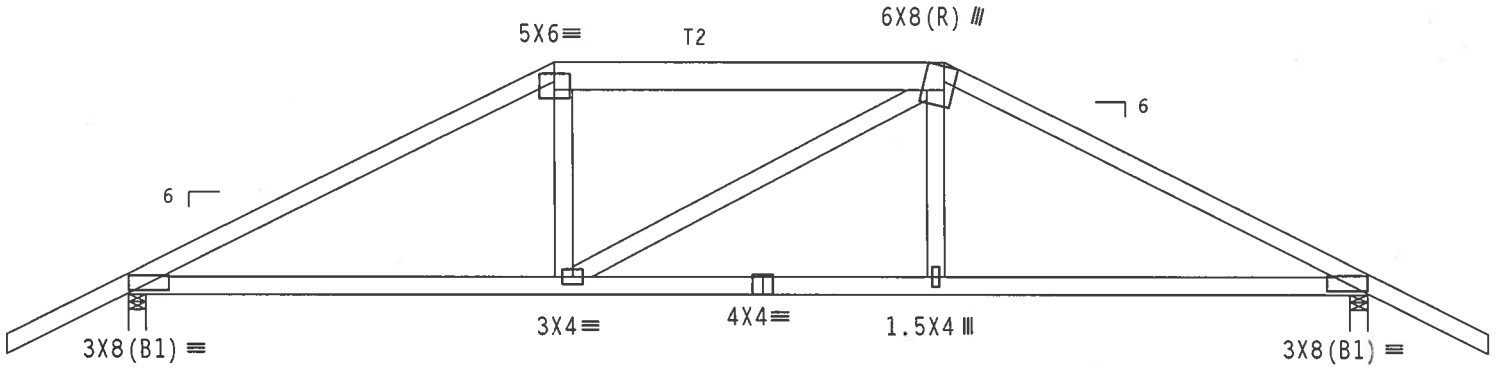
Wind reactions based on MWFRS pressures.

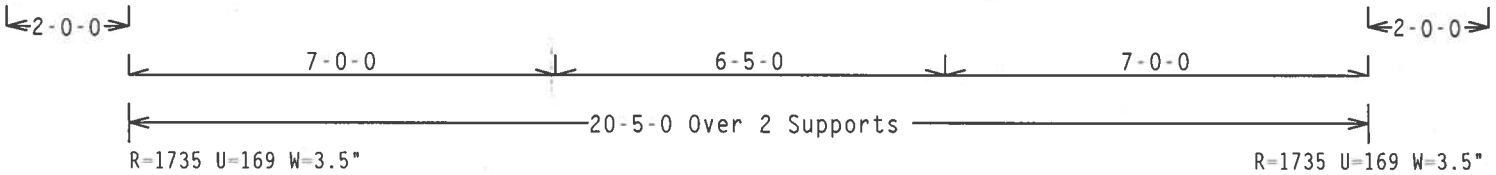
#1 hip supports 7-0-0 jacks with no webs.

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 GCpi(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 1 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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 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.

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JAMES F. COLLINS, JR. LICENSE No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF R8228- 77156
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212003
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 26901
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

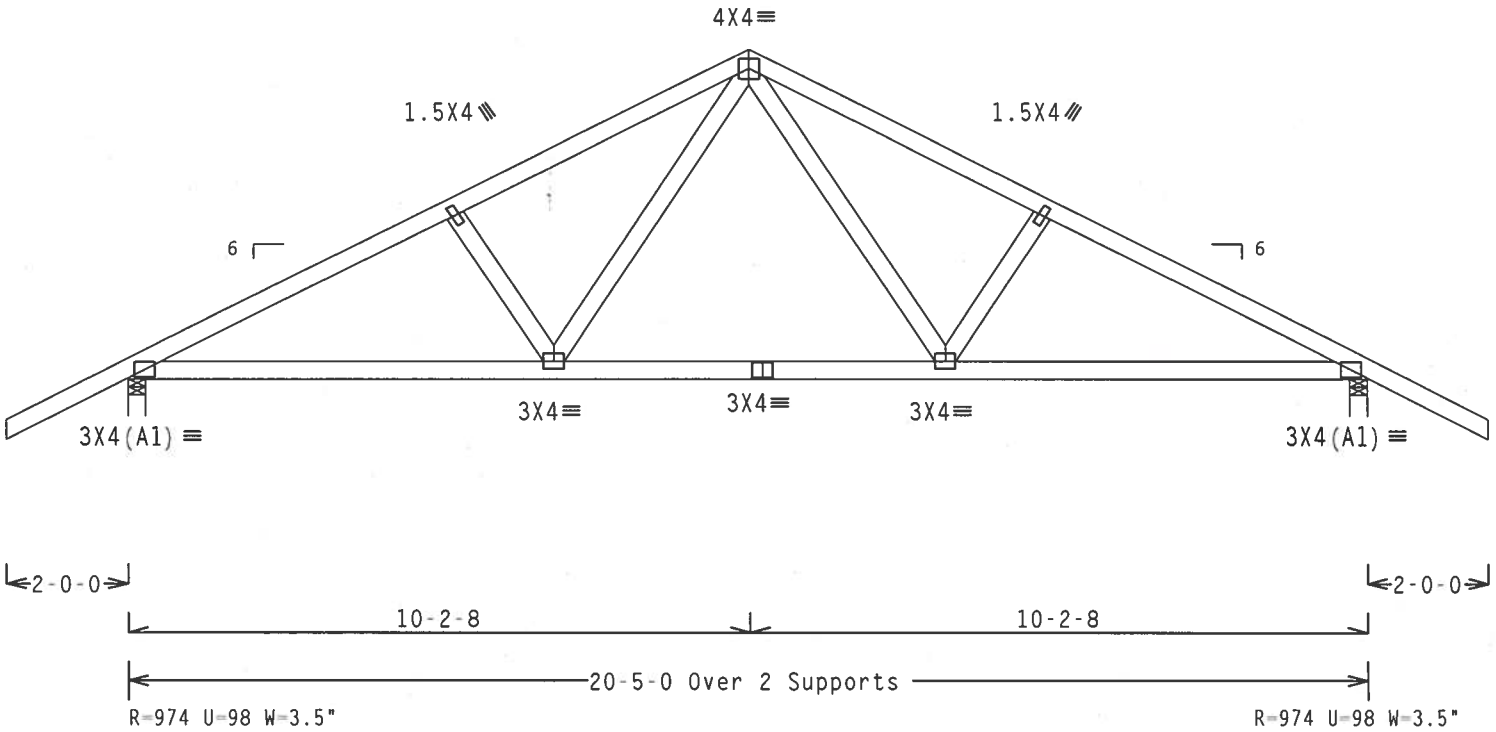
(7-218--OWNER BUILDER Weatherspoon -- , ** - D)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave QTY:2 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 667

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF	R8228- 77157
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212005
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26894
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

(7-218--OWNER BUILDER Weatherspoon -- , ** - H9D)

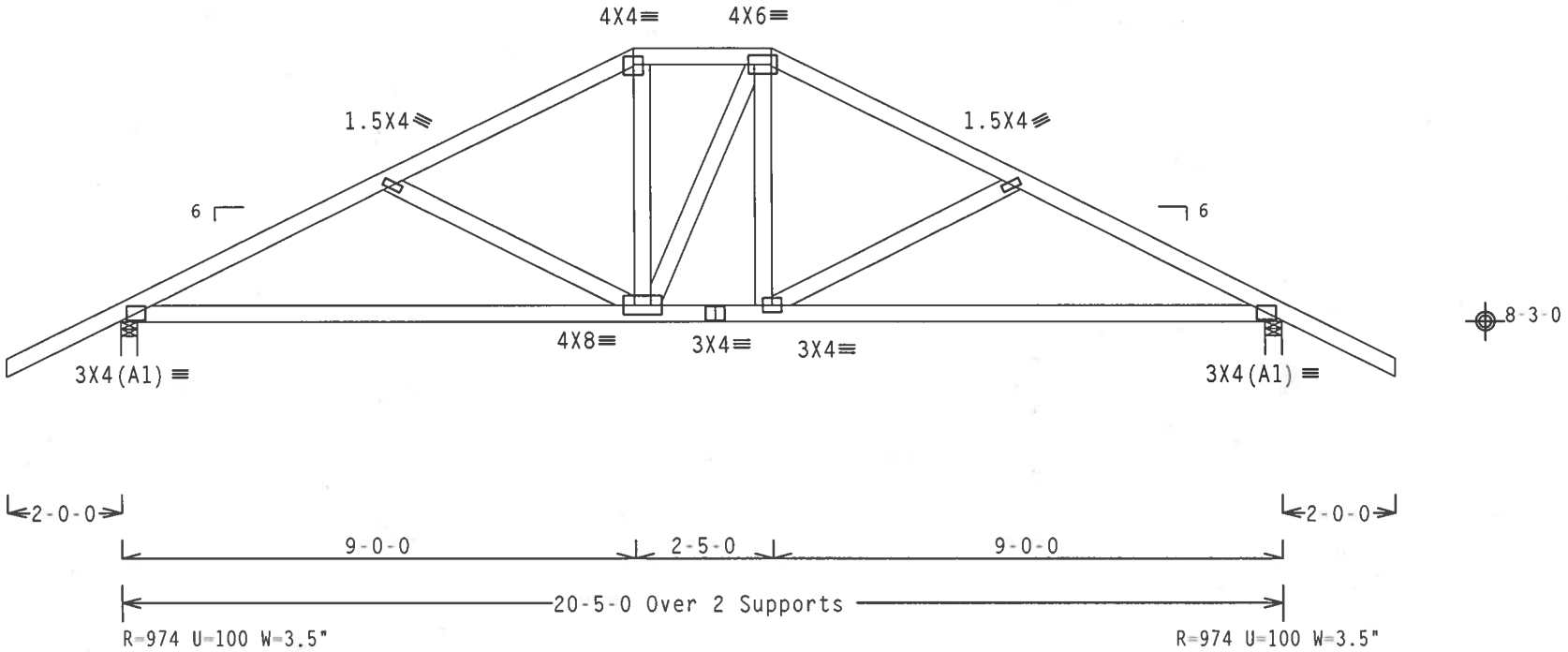
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424 1

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 3[illegible]

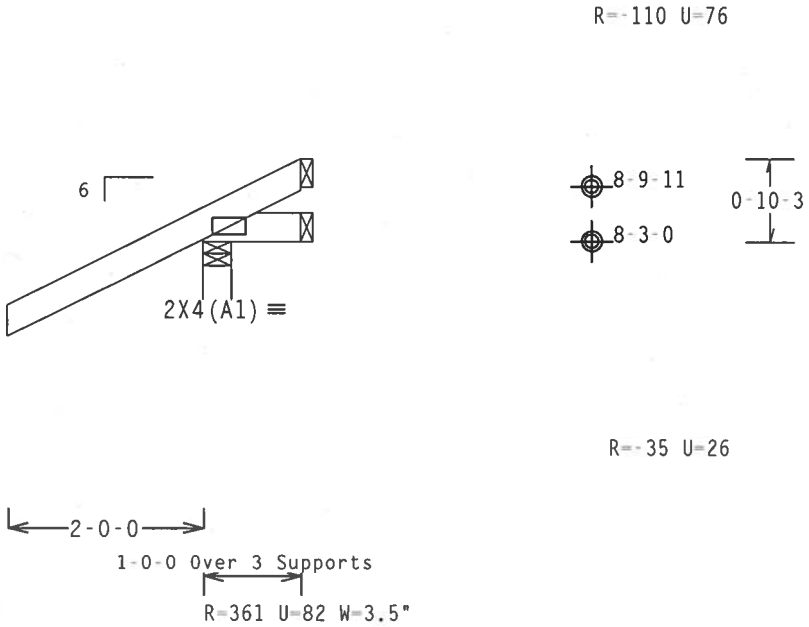
TC LL	20.0 PSF	REF R8228- 77158
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212004
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 26736
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

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 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424 18

PLT TYP. Wave QTY:18 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 667

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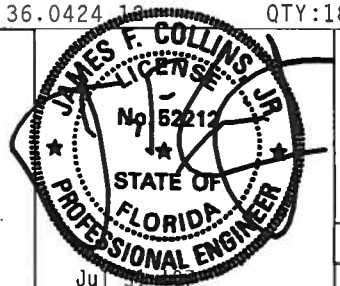


Jul

TC LL	20.0 PSF	REF R8228- 77159
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212030
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 26654
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

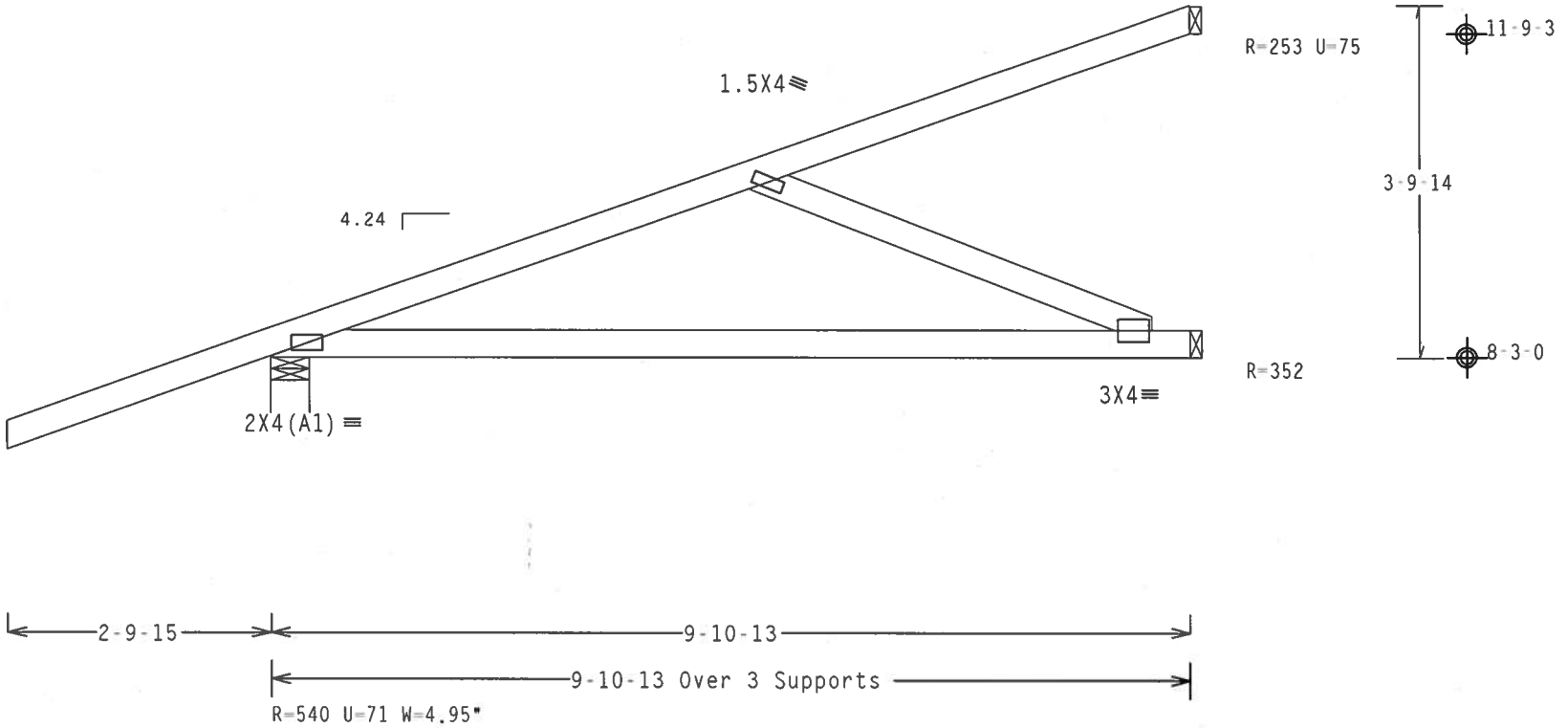
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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 GCpi(+/-)=0.18

Hipjack supports 7-0-0 setback jacks with no webs.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:7 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

TC LL	20.0 PSF	REF	R8228- 77160
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212027
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	26687
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

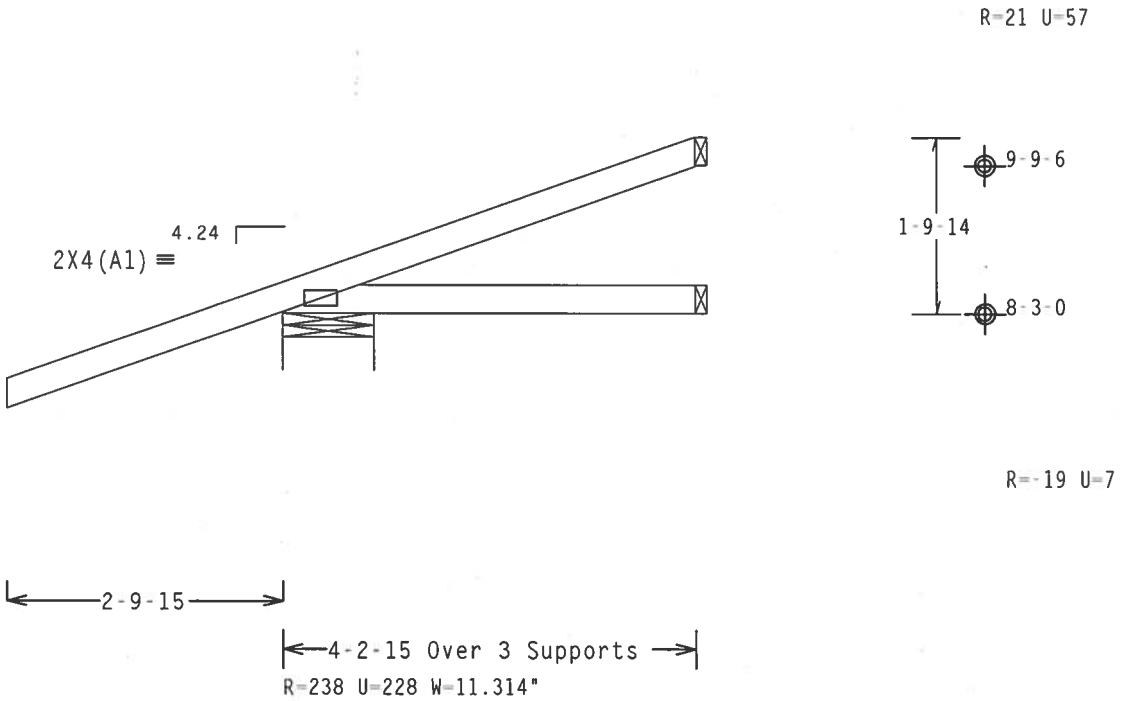
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at -2.83 to 61 PLF at 4.24
BC - From 4 PLF at -2.83 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 4.24
TC - -220 LB Conc. Load at 1.48
BC - -70 LB Conc. Load at 1.48

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.13 QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

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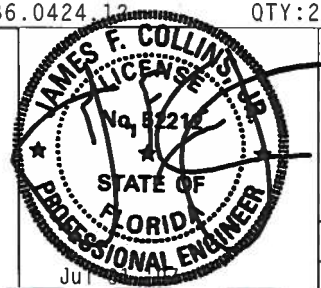


Jul

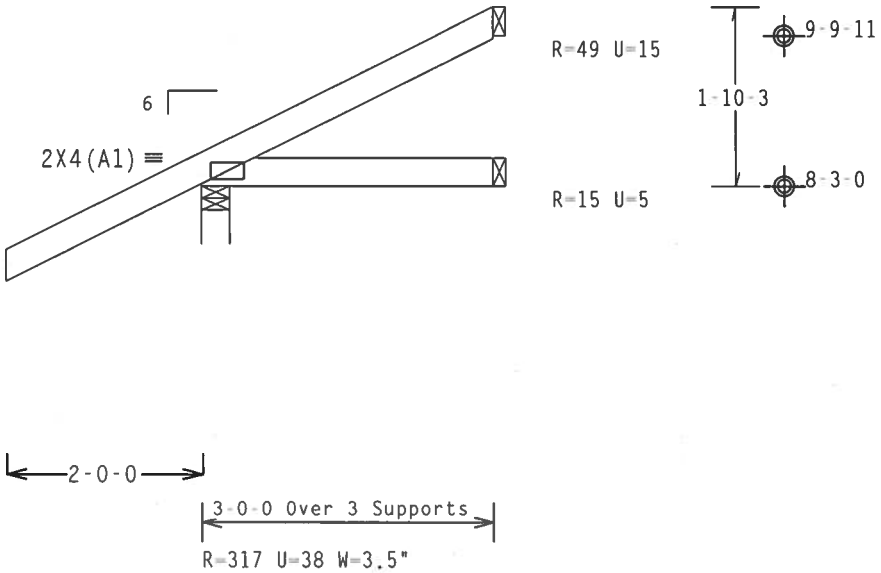
TC LL	20.0 PSF	REF R8228- 77161
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212022
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 26681
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

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 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave

QTY:14 FL/-/4/-/-/R/-

Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 '07

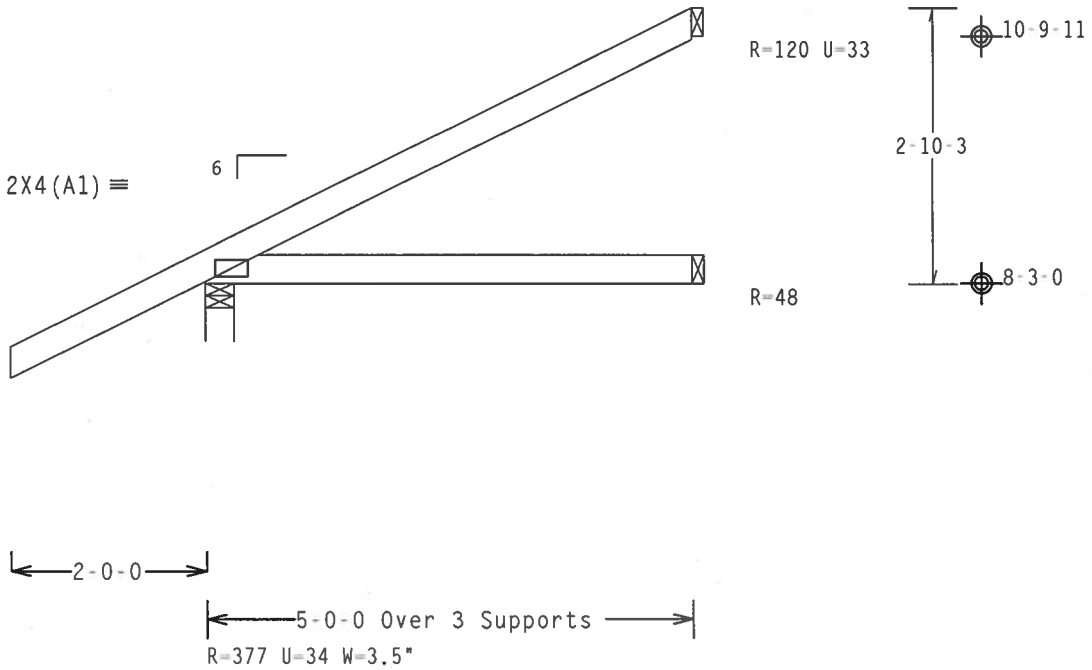
TC LL	20.0 PSF	REF	R8228- 77162
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212029
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26660
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

PLT TYP. Wave

QTY:14 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #6627

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 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; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) 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 (I) SHALL BE PER ANNEX A3 OF TPI1-2002 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.

JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul

TC LL	20.0 PSF	REF R8228- 77163
TC DL	10.0 PSF	DATE 07/31/07
BC DL	10.0 PSF	DRW HCUSR8228 07212028
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 26664
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T9I8228Z01

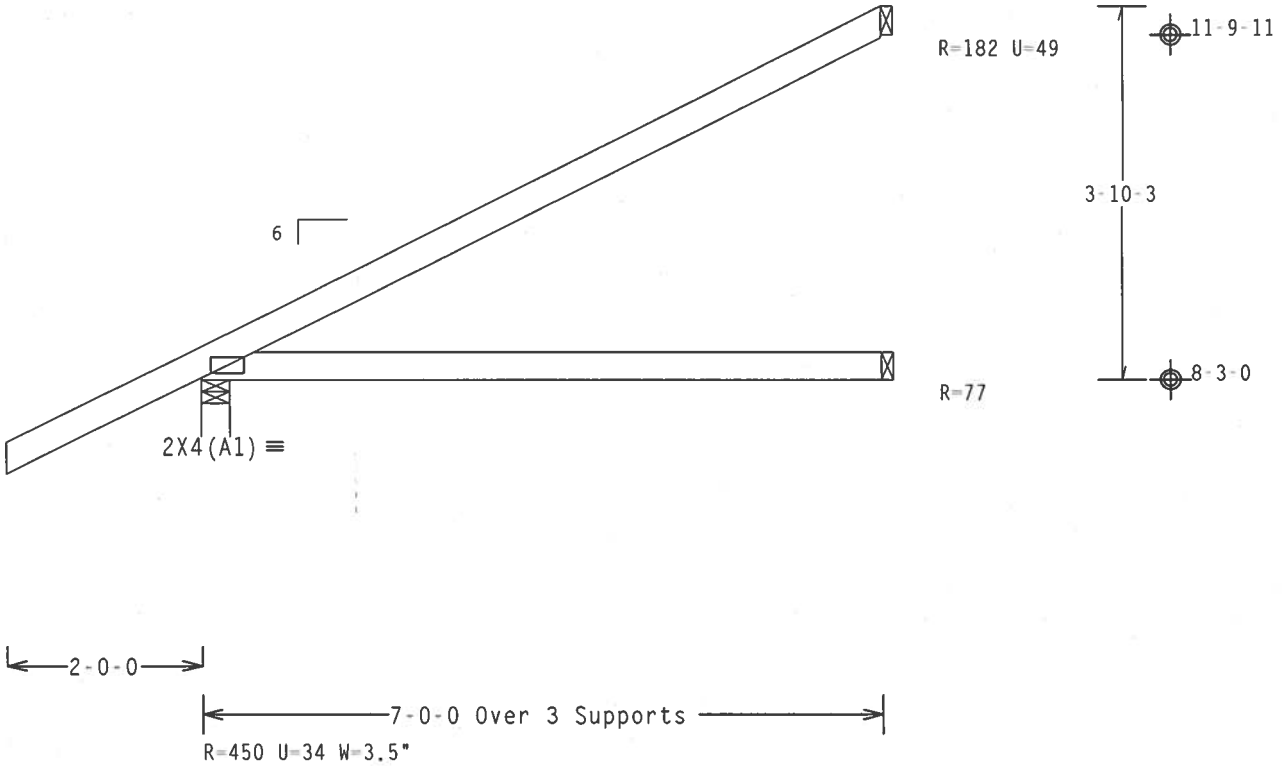
(7-218--OWNER BUILDER Weatherspoon -- , ** - EJ7)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:29 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31 07

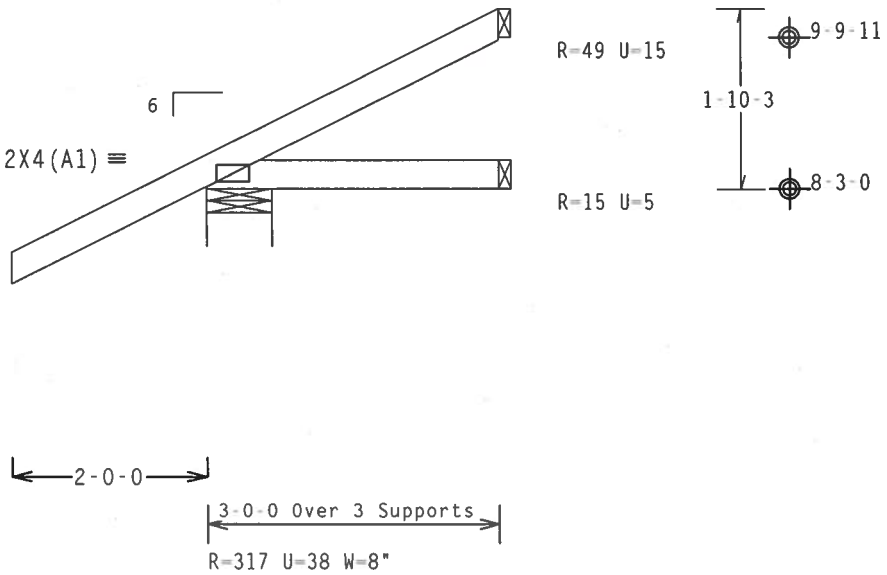
TC LL	20.0 PSF	REF	R8228- 77164
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212002
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26668
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

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 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

PLT TYP. Wave QTY:5 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #567

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 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.

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 31

TC LL	20.0 PSF	REF	R8228- 77165
TC DL	10.0 PSF	DATE	07/31/07
BC DL	10.0 PSF	DRW	HCUSR8228 07212023
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	26676
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T9I8228Z01

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

Tamko Roofing Products, Inc.
P.O. Box 1404
Joplin, MO 64802

SCOPE:

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

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

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

DESCRIPTION: TAMKO Heritage Declaration & Heritage XL Roof Shingles

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

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

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

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

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

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

ROOFING ASSEMBLY APPROVAL

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

1. SCOPE:

This approves **Tamko Heritage Declaration and Heritage XL** Asphalt Shingles, manufactured by **Tamko Roofing Products, Inc.** as described in this Notice of Acceptance.

2. PRODUCT DESCRIPTION

Product	Dimensions	Test Specifications	Product Description
Heritage Declaration & Heritage XL	12" x 36"	TAS 110	A heavy weight dimensional asphalt shingle.

3. EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
PRI Asphalt Technologies, Inc.	TAS 100	TAP-066-02-01	01/09/03
		TAP-073-02-01	05/20/03
Underwriters Laboratories, Inc.	ASTM D 3462	R2919	06/12/03
Underwriters Laboratories, Inc.	TAS 107	03CA08442	06/12/03

4. LIMITATIONS

4.1 Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.

4.2 Shall not be installed on roof mean heights in excess of 33 ft.

4.3 All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.

5. INSTALLATION

5.1 Shingles shall be installed in accordance with Roofing Application Standard RAS 115.

5.2 The manufacturer shall provide clearly written application instructions.

5.3 Exposure and course layout shall be in compliance with Detail 'A', attached.

5.4 Nailing shall be in compliance with Detail 'B', attached.

6. LABELING

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

7. BUILDING PERMIT REQUIREMENTS

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

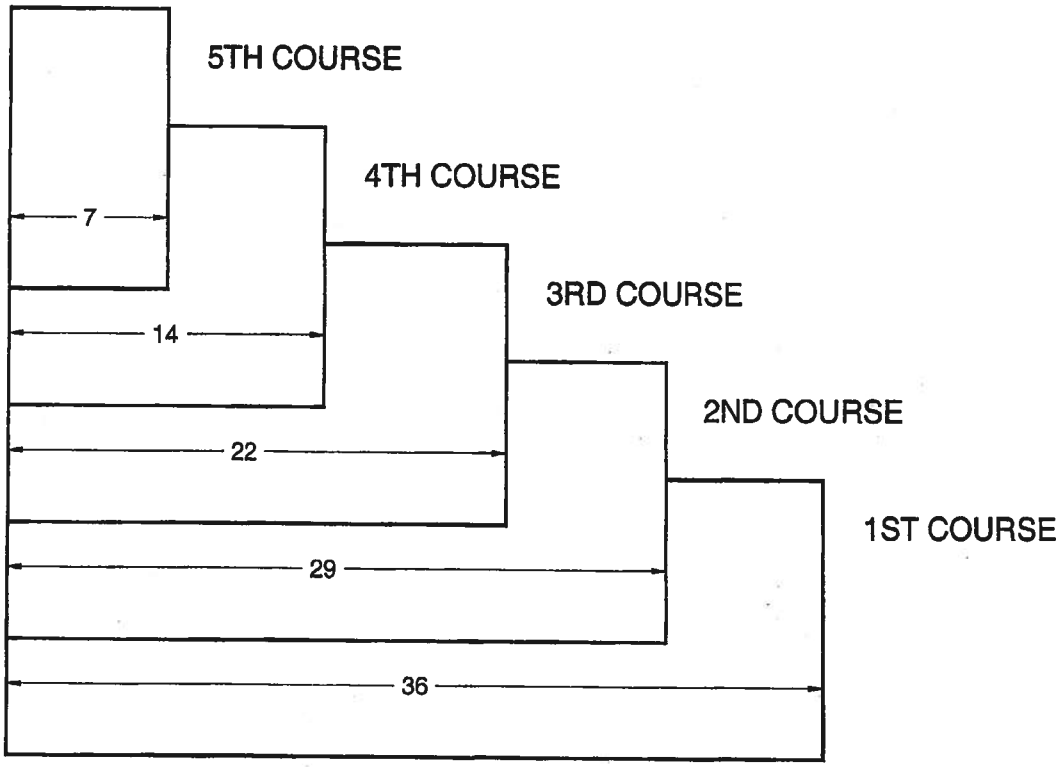
7.1.1 This Notice of Acceptance.

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

DETAIL A

HERITAGE DECLARATION & XL

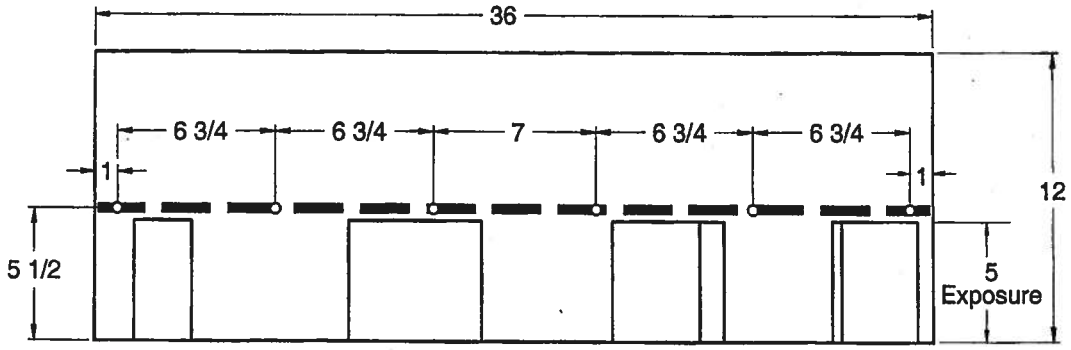
All dimensions are in inches.



DETAIL B

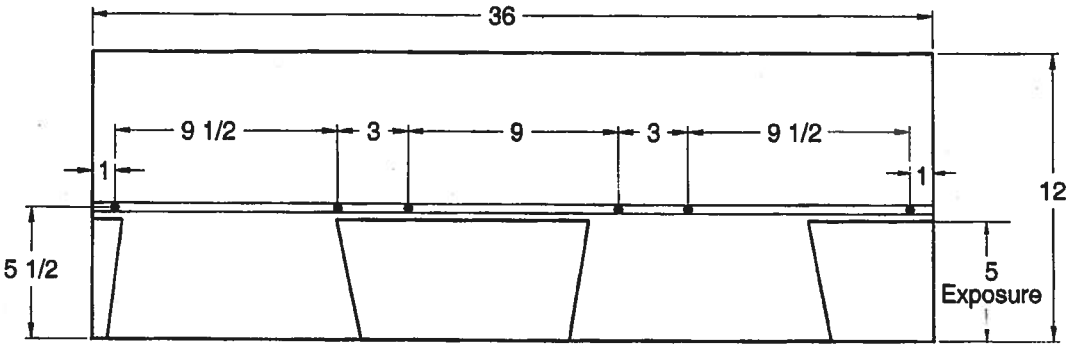
HERITAGE DECLARATION

12" x 36" LAMINATED SHINGLE
All dimensions are in inches.



HERITAGE XL

12" x 36" LAMINATED SHINGLE
All dimensions are in inches.



END OF THIS ACCEPTANCE

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

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

SCOPE:

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

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

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

APPROVAL DOCUMENT: Drawing No. S-2149, titled ""Premium Series" 6-8 Single & Double Out-swing Steel Door", sheets 1 through 8, prepared by RW Building Consultants, Inc., dated 3/28/02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact and Non-Impact

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

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

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

The submitted documentation was reviewed by **Raul Rodriguez**

THERMA-TRU®

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

GENERAL NOTES

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

INSULATED STEEL DOOR
(Common to all frame conditions)

Door & Sidelite Panel Construction:

Face sheets: 24 GA.(0.022")minimum thickness. Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength Fy(min.)=38,438 psi

Core design: Polyurethane foam core, with1.9 lbs. density by BASF.

Door Panel Construction: Flush or embossed type. The vertical edges of the skin, rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed and pressure fitted with contact cement to the wood stiles at the corners.

Sidelite Panel Construction and Glazing: The vertical edges of the skin are rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed to the wood stiles at the corners. The sidelite panels are sandwich glazed using a two piece lite frame.

Frame Construction: The frame is constructed from finger jointed Ponderosa Pine measuring 4.656" wide x 1.25" thick. The header is joined to the side jambs with (3) 16ga. 1/2" crown x 2" long staples at each side. The threshold is joined to the side jambs with (2) 16ga. 1/2" crown x 2.5" long staples at each side. The mullions are secured together in a sidelite application using #8 x 2 1/2" long PFH Wood Screws (6) screws per each mullion. The unit uses an Outswing Bumpface threshold, either Low Profile or High Water Dam.

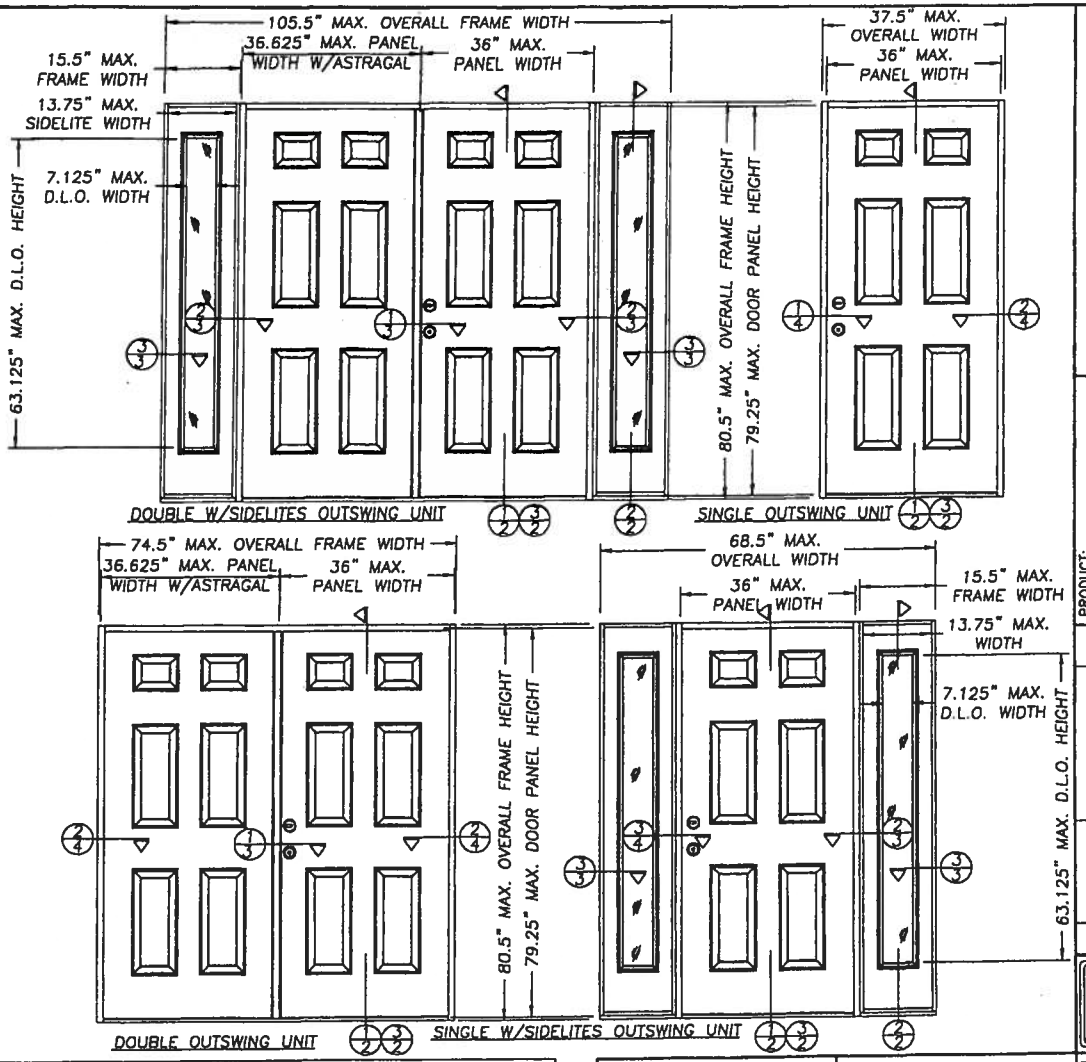


TABLE OF CONTENTS

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

DESIGN PRESSURE RATING

UNIT TYPE	W/LOW PROFILE BUMP THRESHOLD	W/HIGH DAM BUMP THRESHOLD
SINGLE	+ 55.0 PSF - 67.0 PSF	+ 75.0 PSF - 75.0 PSF
DOUBLE	NOT APPROVED FOR WATER	+ 65.0 PSF - 65.0 PSF
SINGLE W/SIDELITES	+ 55.0 PSF - 67.0 PSF	+ 65.0 PSF - 65.0 PSF
DOUBLE W/SIDELITES	NOT APPROVED FOR WATER	+ 65.0 PSF - 65.0 PSF

Approved as complying with the Florida Building Code
Date June 20, 2002
NOA# 01-0529.06
Miami Dade Product Control Division
By

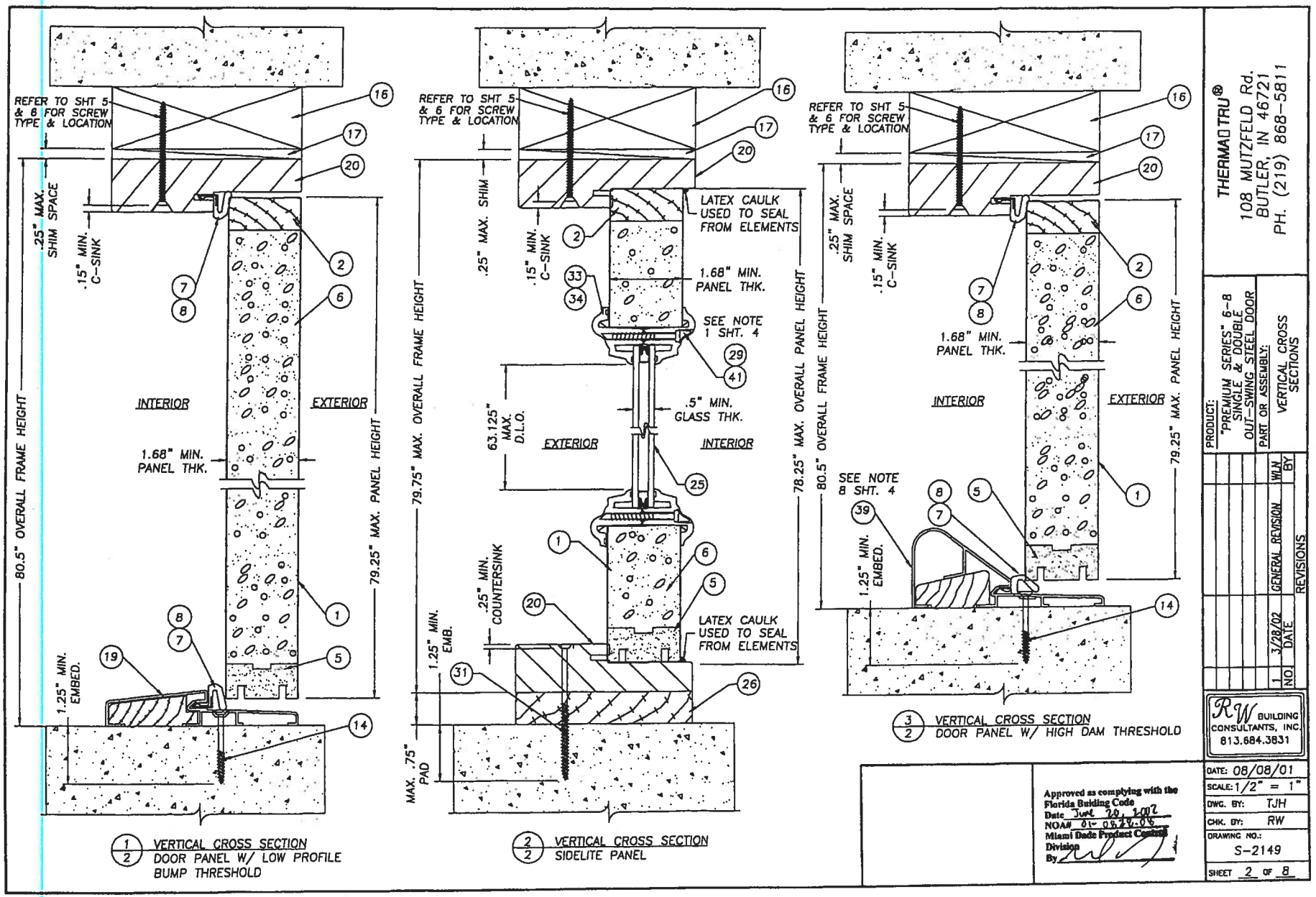
THERMA TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

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

NO	DATE	REVISIONS	BY
1	3/28/02	GENERAL REVISION	WLW

RW BUILDING CONSULTANTS, INC. 813.684.3831

DATE: 08/08/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2149
SHEET 1 OF 8



1/2 VERTICAL CROSS SECTION
DOOR PANEL W/ LOW PROFILE BUMP THRESHOLD

2/2 VERTICAL CROSS SECTION
SIDELITE PANEL

3/2 VERTICAL CROSS SECTION
DOOR PANEL W/ HIGH DAM THRESHOLD

Approved as complying with the Florida Building Code
Date Jul 20, 2002
NOA# 01-0524.06
Miami Dade Product Control Division
By

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

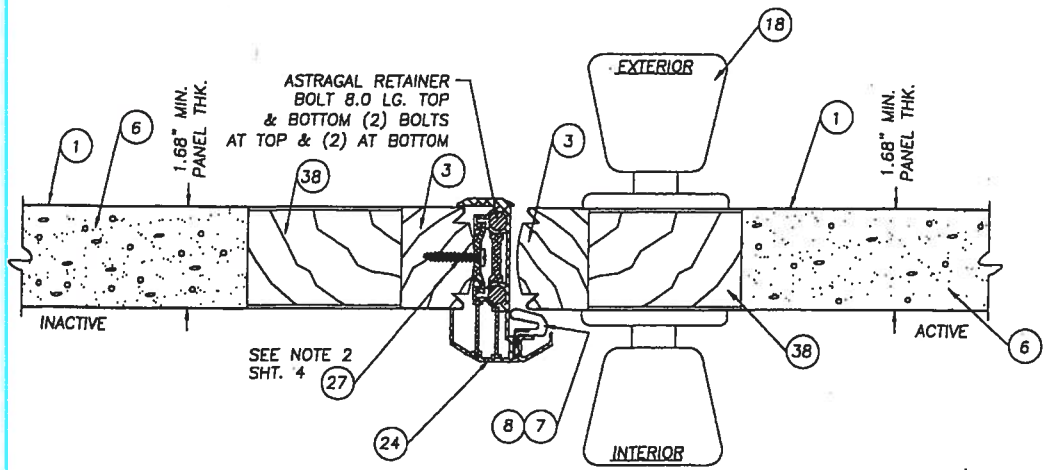
PRODUCT: "PREMIUM SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

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

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 08/08/01
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2149
SHEET 2 OF 8



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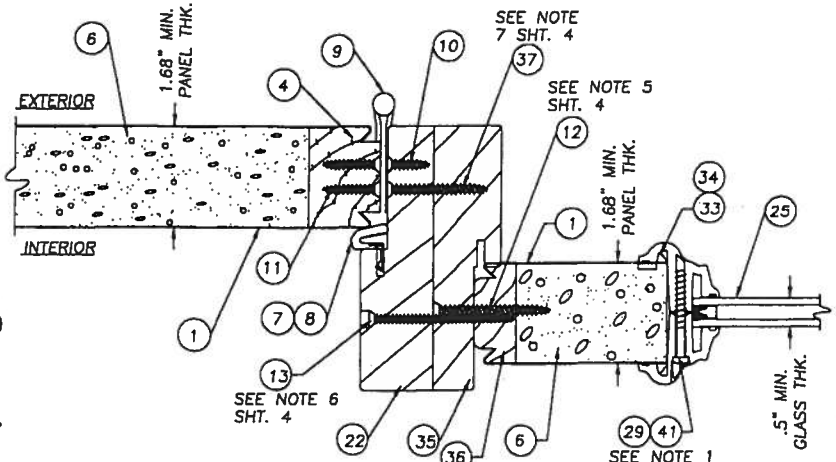

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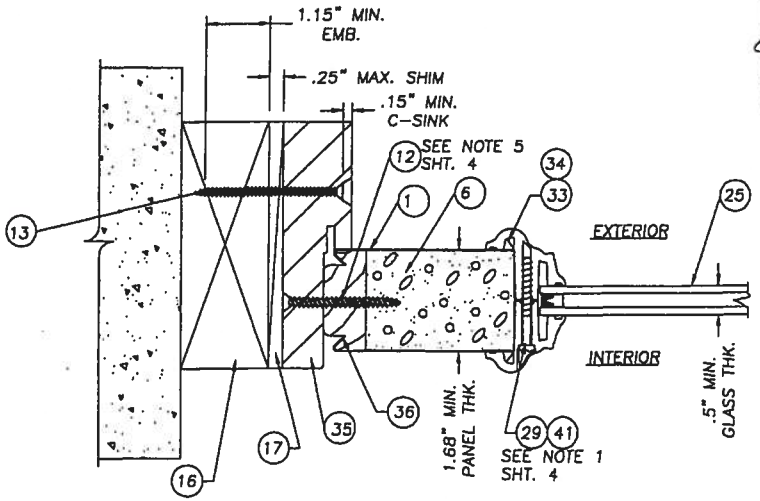


3/3 HORIZONTAL CROSS SECTION @ SIDELITE TO BUCK

Approved as complying with the Florida Building Code
Date June 20, 2002
NOA# 01-0328.04
Miami Dade Product Control Division
By

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

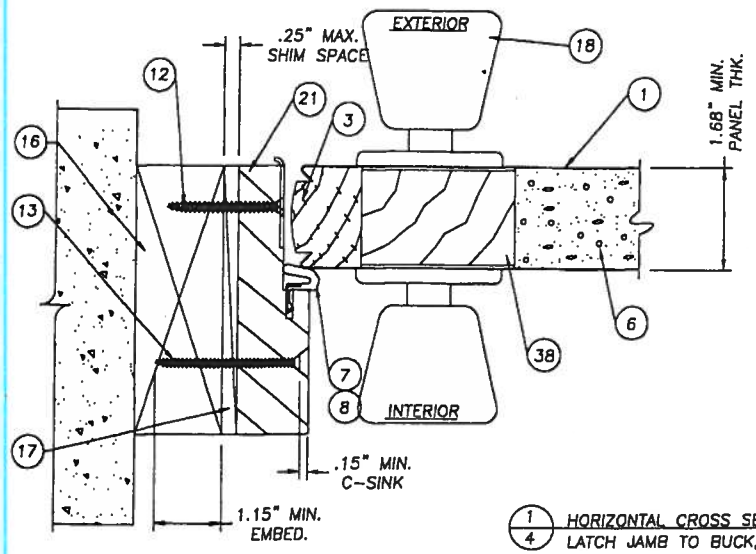
PRODUCT: "PREMIUM SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

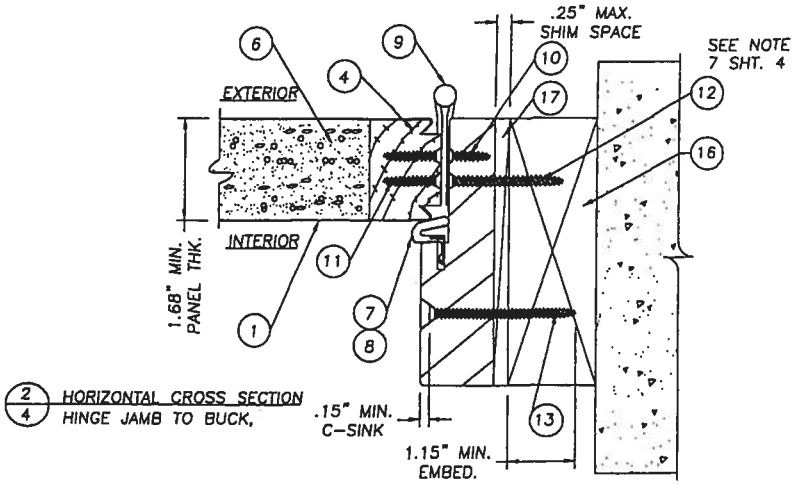
NO.	DATE	REVISIONS	BY
1	3/28/02	GENERAL REVISION	WLN

RW BUILDING CONSULTANTS, INC. 813.684.3831

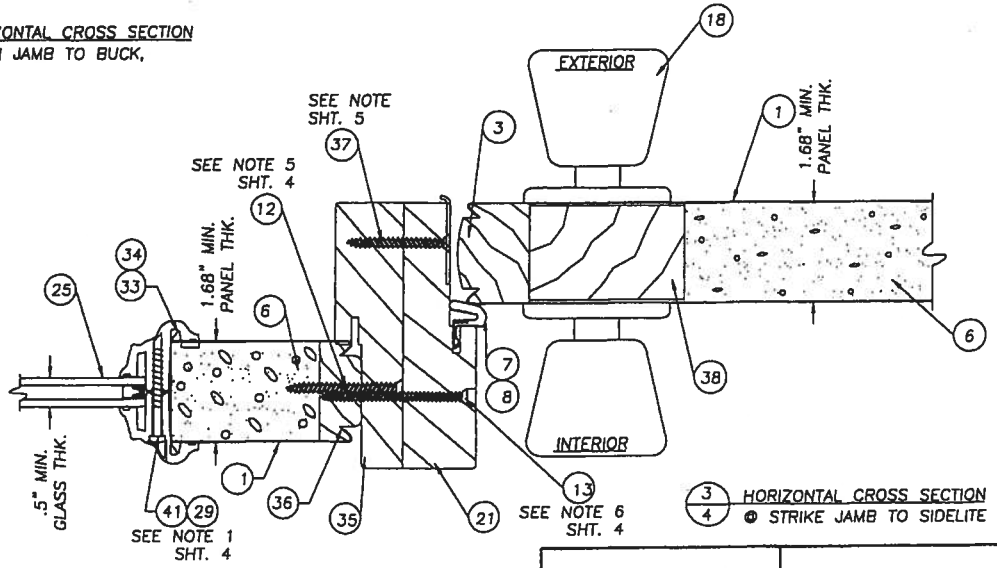
DATE: 08/08/01
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2149
SHEET 3 OF 8



1/4 HORIZONTAL CROSS SECTION LATCH JAMB TO BUCK,



2/4 HORIZONTAL CROSS SECTION HINGE JAMB TO BUCK,



3/4 HORIZONTAL CROSS SECTION @ STRIKE JAMB TO SIDELITE

NOTES:

1. SPACING FOR ITEM #29 & #41 (LITE FRAME SCREWS) IS AS FOLLOWS: FROM THE TOP DOWN ON SIDES; 3", 14.75", 26.5", 38.25", 50.5" & 62.25". THERE IS (1) SCREW BOTH TOP AND BOTTOM AT 4.25" IN FROM CORNER.
2. SPACING FOR ITEM #27 #8 x 1" PANHEAD SCREW ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE BOTTOM UP AND TOP DOWN 1", 3", 5", 26" AND (1) MORE 6" UP FROM THE STRIKE LOCATION.
3. THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) 16GA. x 1/2" CROWN x 2" STAPLES AT BOTH SIDE.
4. THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) 16GA. x 1/2" CROWN x 2.5" STAPLES AT BOTH SIDE.
5. THE SIDELITE IS DIRECT SET INTO THE JAMB WITH ITEM #12 #10 x 2" PH.F.H. WOOD SCREW AT 6" DOWN FROM EACH CORNER AND A MAX. OF 12" O.C. ON THE SIDE JAMBS ONLY.
6. SPACING FOR ITEM #13, A #8 x 2 1/2" SCREW SECURING THE MULLIONS TOGETHER IS THE SAME AS THE PERIMETER ANCHORING SCREWS. 6" DOWN FROM THE TOP AND UP FROM THE BOTTOM WITH (4) MORE SPACED AT 13.7" O.C.
7. WHEN ATTACHING THE HINGE TO THE JAMB AND THE BUCK USE ITEM #12 A #10 x 2" SCREW. WHEN ATTACHING THE HINGE TO THE JAMB AND THE SIDELITE AT THE MULLION USE ITEM #37 A #10 x 1 3/4" SCREW.
8. ITEM #39, THE HIGH DAM THRESHOLD IS ONLY USED IN AN APPLICATION WHERE A HIGHER WATER PRESSURE MUST BE ACHIEVED.

Approved as complying with the Florida Building Code
Date June 10, 2002
NOA# 01-0426.04
Miami Dade Product Control Division
By

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

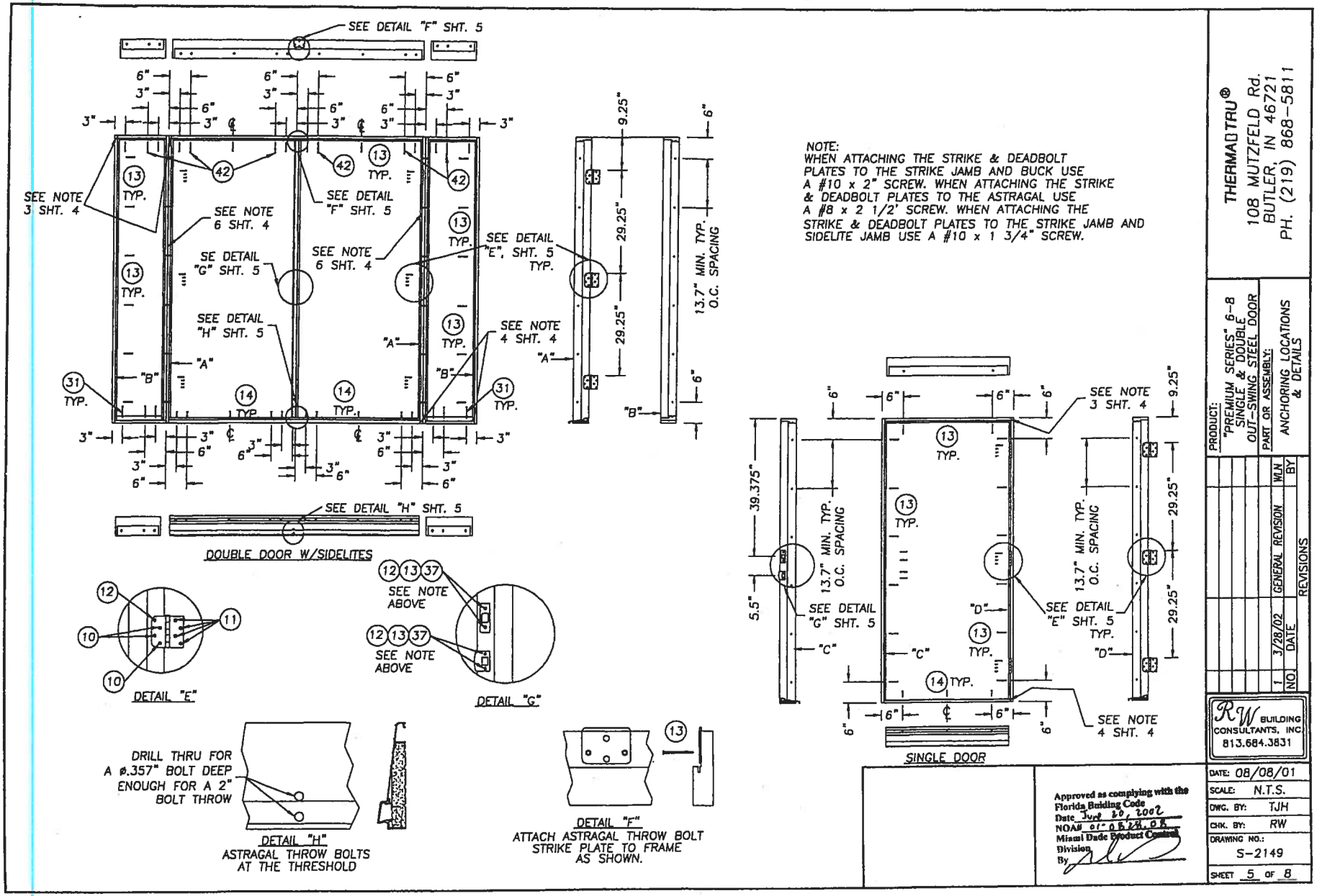
PRODUCT: "PREMIUM SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & NOTES

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

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 08/08/01
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2149
SHEET 4 OF 8



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

PRODUCT: "PREMIUM SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

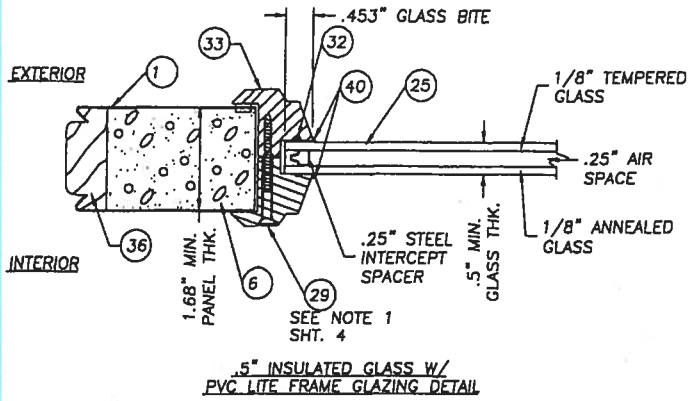
PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

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

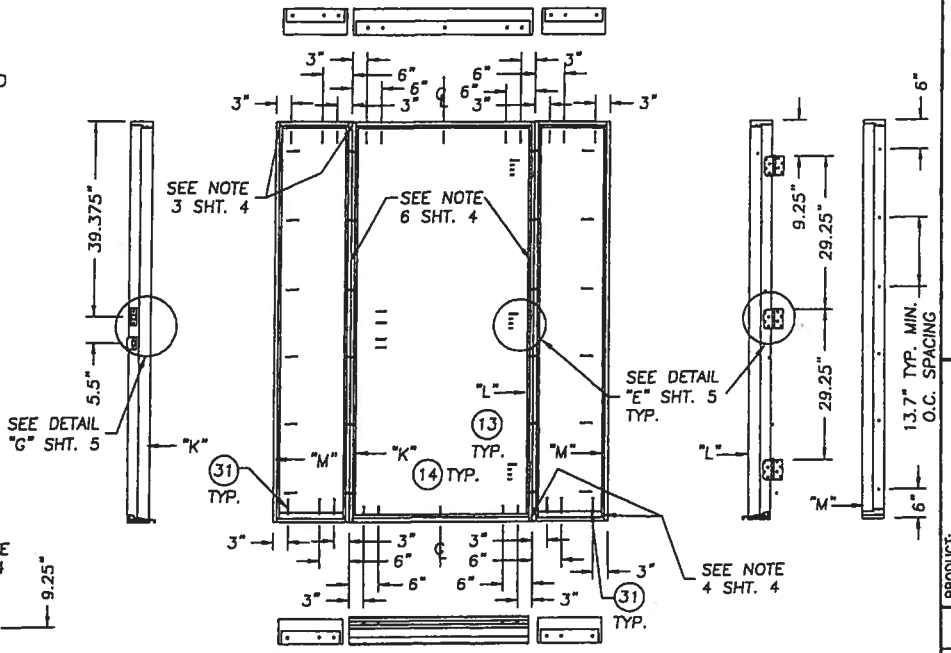
RW BUILDING CONSULTANTS, INC.
813.684.3831

Approved as complying with the Florida Building Code
Date June 20, 2002
NOA# 01-0824.08
Miami Dade Product Control Division
By

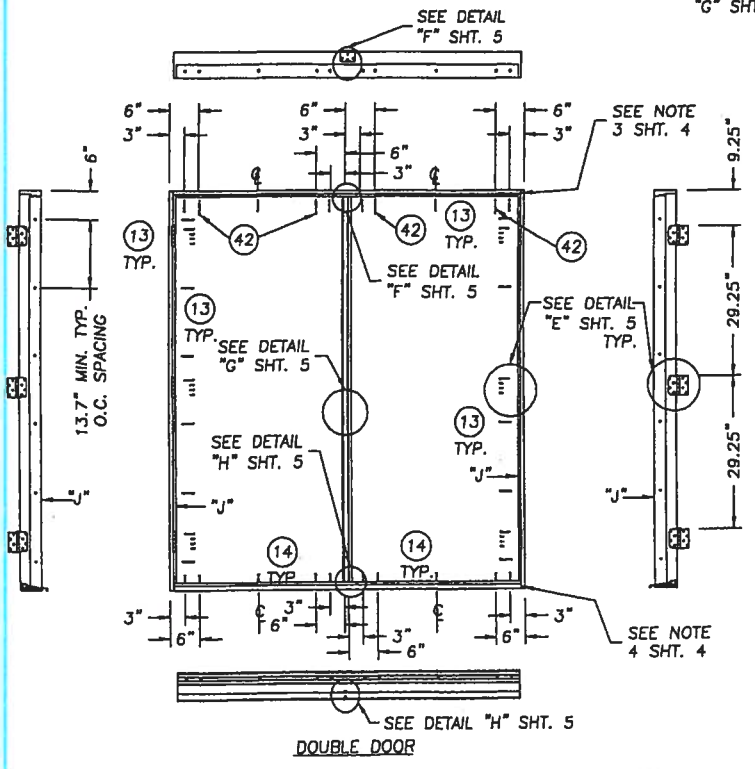
DATE: 08/08/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2149
SHEET 5 OF 8



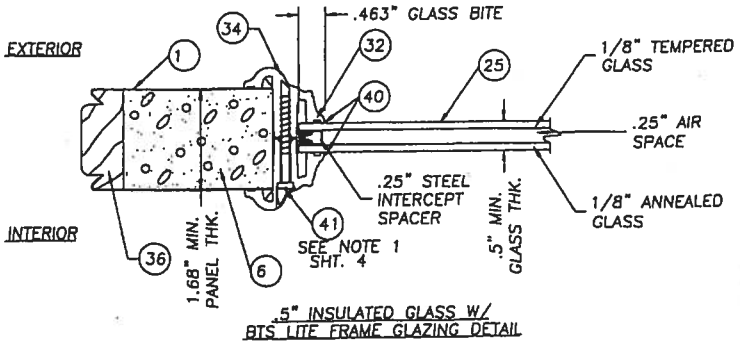
.5" INSULATED GLASS W/ PVC LITE FRAME GLAZING DETAIL



SINGLE DOOR W/SIDELITES



DOUBLE DOOR



.5" INSULATED GLASS W/ BTS LITE FRAME GLAZING DETAIL

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

PRODUCT: "PREMIUM SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

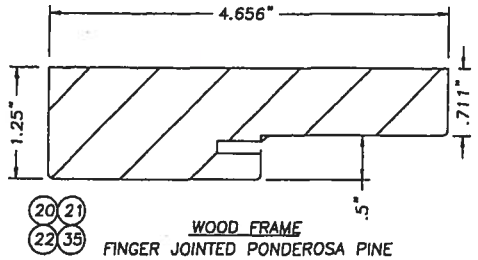
PART OR ASSEMBLY: ANCHORING LOCATIONS & GLAZING DETAILS

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

RW BUILDING CONSULTANTS, INC. 813.684.3831

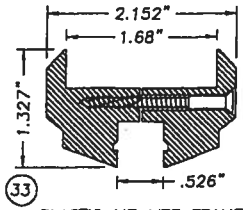
Approved as complying with the Florida Building Code
Date June 20, 2002
NOA# 01-0928.08
Miami Dade Product Control Division
By

DATE: 08/08/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2149
SHEET 6 OF 8



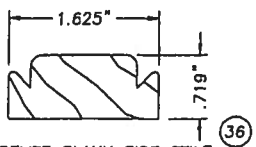
20 21 22 35

WOOD FRAME
FINGER JOINTED PONDEROSA PINE



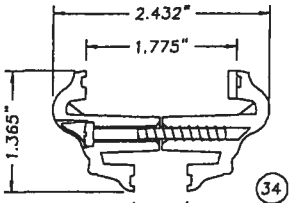
33

PLASTIC LIP LITE FRAME
EXTRUDED PVC



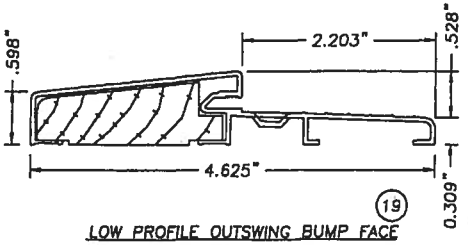
36

SIDELITE BLANK SIDE STILE
FINGER JOINTED PONDEROSA PINE



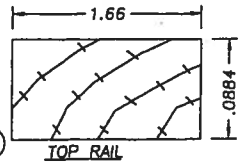
34

BTS PLASTIC LIP LITE FRAME
EXTRUDED BTS



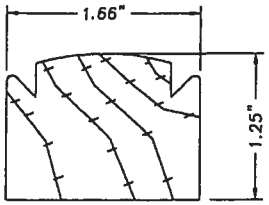
19

LOW PROFILE OUTSWING BUMP FACE
ALUMINUM/WOOD THRESHOLD
.050" WALL TYP.



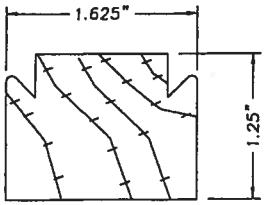
2

TOP RAIL
FINGER JOINTED PONDEROSA PINE

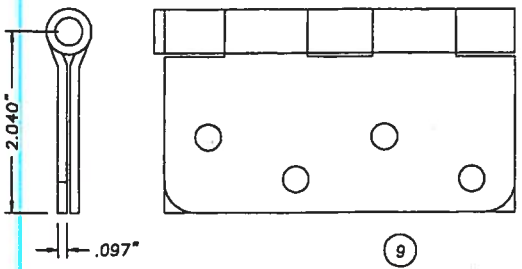


3

WOOD LATCH SIDE STILE

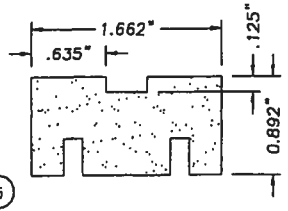


WOOD HINGE SIDE STILE 4



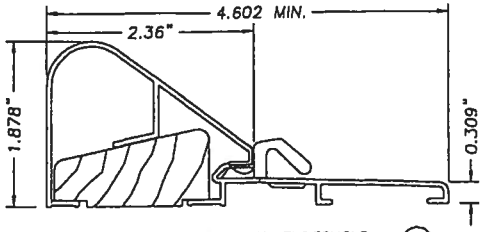
9

4 x 4 STEEL DOOR HINGE



5

BOTTOM RAIL, WOOD COMPOSITE



HIGH DAM THRESHOLD
MIN. WALL THK. = 0.050"
SEE NOTE 8 SHT. 4

39

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

Approved as complying with the Florida Building Code
Date Final 20, 2002
NOA# 01-0525.08
Miami Dade Product Control Division
By

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

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

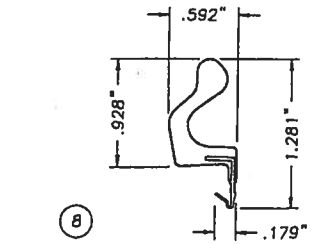
NO.	DATE	GENERAL REVISION	WLN	BY
1	3/28/02			

REVISIONS

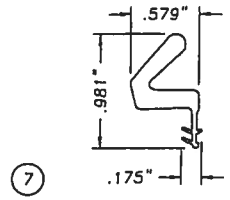
RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 08/08/01
SCALE: N.T.S
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2149
SHEET 7 OF 8

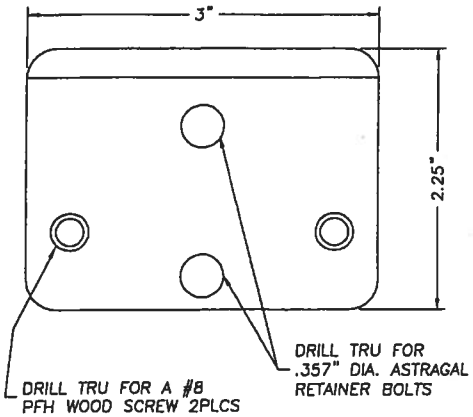
Item	DESCRIPTION	Material
1	DOOR SKIN; PREMIUM SERIES 24GA. (.022" MIN.)	STEEL
2	TOP RAIL (1.628" x .851" THERMA-TRU PONDEROSA PINE)	WOOD
3	LATCH STILE (THERMA-TRU, PONDEROSA PINE 1.66" x 1.253")	WOOD
4	HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.625" x 1.25")	WOOD
5	BOTTOM RAIL (1.662" x 0.892" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)	FOAM
7	SHORT REACH COMPRESSION WEATHERSTRIP (THREMA-TRU)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (THREMA-TRU)	FOAM
9	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
10	#10 x 3/4" lg. PFH WOOD SCREW (Hinge to Frame)	STEEL
11	#10 x 1" LG. PFH WOOD SCREW	STEEL
12	#10 x 2" LG. PFH WOOD SCREW	STEEL
13	#8 x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" TAPCON ANCHOR (ELCO, 1.75" MIN. LG.)	STEEL
15	NOTE USED	
16	2x WOOD BUCK	WOOD
17	MAX. 1/4" SHIM MATERIAL	WOOD
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK	-
19	ONE PIECE BUMP FACE THRESHOLD LOW PROFILE (THERMA-TRU)	ALUM./WOOD
20	4.656" HEADER (THERMA-TRU, PONDEROSA PINE)	WOOD
21	4.656" STRIKE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
22	4.656" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
23	KWIKSET TITAN 700 SERIES DEADBOLT	-
24	ASTRAGAL WINDJAMBER II WR68T (.052" WALL)	ALUM.
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSURE TREATED SIDELITE PAD	WOOD
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	NOT USED	-
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM #33)	STEEL
30	NOT USED	-
31	3/16" TAPCON ANCHOR (ELCO, 3.25" MIN. LG.)	STEEL
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	-
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)	PVC
34	PLASTIC LIP LITE FRAME (BTS, THERMA-TRU)	BTS
35	4.656" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
36	SIDELITE SIDE STILE (THERMA-TRU, 1.625" x .719" PONDEROSA PINE)	WOOD
37	#10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	LOCK BLOCK 2.625" x 10.375" x 1.625" THK.	WOOD
39	HIGH WATER DAM THRESHOLD (THERMA-TRU)	ALUM.
40	SILICONE CAULK	SILICONE
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)	STEEL
42	#10 x 3" LG. PFH WOOD SCREW	STEEL



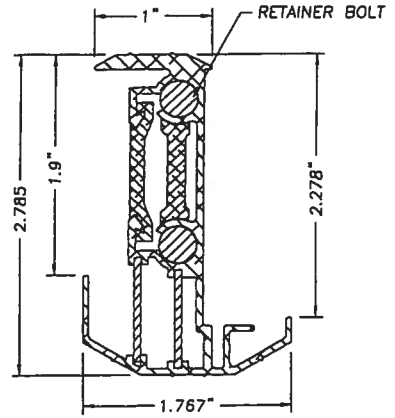
(8) LONG REACH COMPRESSION WEATHERSTRIP
FOAM CELL CORE W/VINYL JACKET



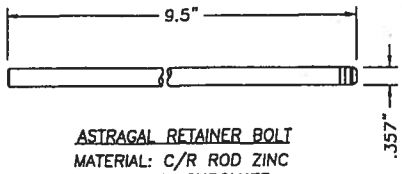
(7) COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/VINYL JACKET



WINDJAMBER II WR68T STRIKE PLATE



(24) WINDJAMBER II WR68T
ASTRAGAL (ALUMINUM .052" WALL TYP.)



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

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

PRODUCT: "PREMIUM SERIES" 6-8 SINGLE & DOUBLE OUT-SWING STEEL DOOR

PART OR ASSEMBLY: BILL OF MATERIALS & UNIT COMPONENTS

NO	DATE	GENERAL REVISION	BY
1	3/28/02		WLN

REVISIONS

RW BUILDING CONSULTANTS, INC.
813.684.3831

Approved as complying with the Florida Building Code
Date June 12, 2002
NOA# 01-0824.03
Miami Dade Product Control Division
By

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

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

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

NOTICE OF ACCEPTANCE (NOA)

MI Home Products, Inc.
650 West Market Street
Gratz, PA 17030

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

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

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

DESCRIPTION: Series "BetterBilt D185SH/D3185SH" Aluminum Single Hung Window

APPROVAL DOCUMENT: Drawing No. **S-2422,** titled "Non-Impact Single Hung Window Rectangle Circle Top & Oriel", sheets 1 through 5 of 5, prepared by RW Building Consultants, inc, dated 10/27/03 with revision "2", dated 02/10/04, signed and sealed by Wendell Haney, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

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

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

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

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above.
The submitted documentation was reviewed by **Theodore Berman, P.E.**

2/13/2003

PRODUCT CONTROL ACCEPTED

MI Home Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2422,** titled "Non-Impact Single Hung Window Rectangle Circle Top & Oriel", sheets 1 through 5 of 5, prepared by RW Building Consultants, inc, dated 10/27/03 with revision "2", dated 02/10/04, signed and sealed by Wendell Haney, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94

   along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Architectural Testing, Inc., Test Report No. **ATI 03056**, dated 11/11/03, signed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300-98, and structural analysis, prepared by R.W. Building Consultants, Inc., dated 12/11/03, signed and sealed by Lyndon F. Schmidt, P.E.
2. Revised Anchor Calculations, and structural analysis, prepared by R.W. Building Consultants, Inc., dated 02/10/04, signed and sealed by Lyndon F. Schmidt, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated December 09, 2003, signed and sealed by Lyndon F. Schmidt, P.E.
2. Statement letter of no financial interest with the laboratory that performed the Test Report No. **ATI 03056**, dated November 08, 2003, signed by Stu White, Design Engineering Manager.

G. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).

Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 03-1215.02
Expiration Date: March 04, 2009
Approval Date: March 04, 2004

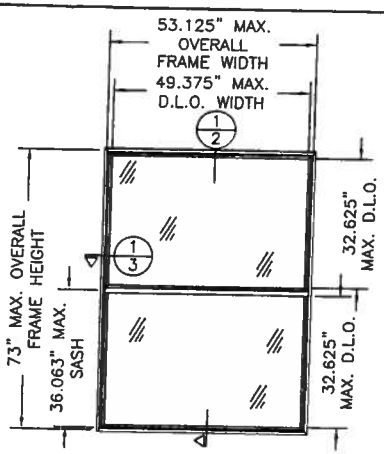
MI HOME PRODUCTS

650 WEST MARKET STREET • GRATZ, PA • 17030-0370

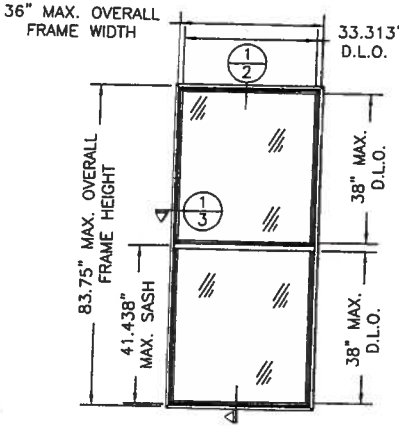
SERIES BETTERBILT D185SH/D3185SH
ALUMINUM SINGLE HUNG WINDOW

GENERAL NOTES:

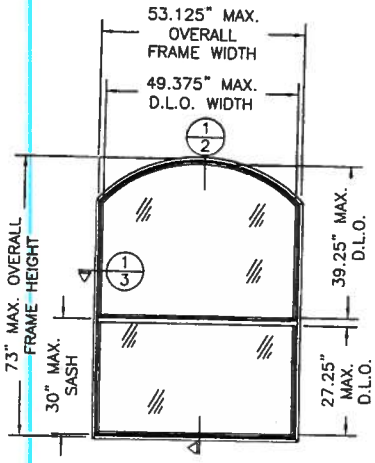
1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE "HVHZ" OF THE FLORIDA BUILDING CODE.
2. WOOD BUCKS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. FOR DESIGN PRESSURE RATING SEE TABLE THIS SHEET.
5. INSTALLATION OF THIS SYSTEM IN HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTER/EXTERNAL PROTECTION DEVICE COMPLYING WITH HVHZ REQUIREMENTS; INSTALLATION OF THIS SYSTEM OUTSIDE OF HVHZ SHALL MEET THE APPLICABLE CODE REQUIREMENTS FOR WINDBORNE DEBRIS PROTECTION.
6. THIS PRODUCT MEETS WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.



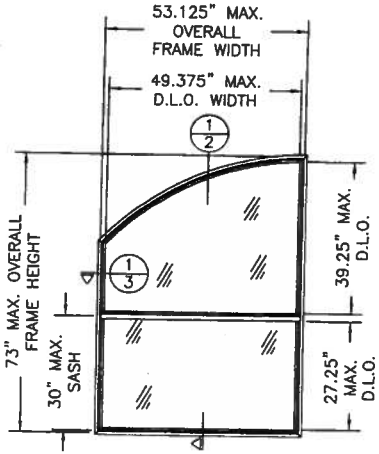
53" x 73" SINGLE HUNG WINDOW



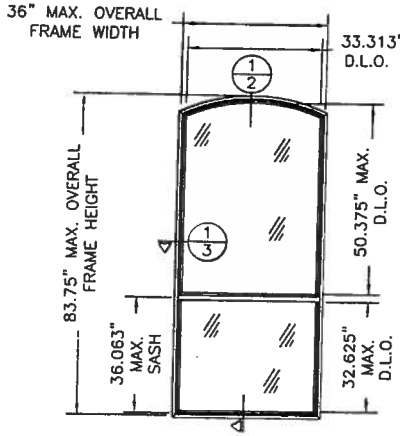
37" x 84" SINGLE HUNG WINDOW



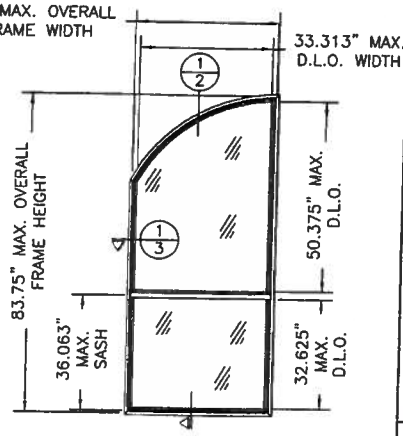
53" x 73" SINGLE HUNG WINDOW
CIRCLE TOP ORIEL



53" x 73" SINGLE HUNG WINDOW
HALF CIRCLE TOP ORIEL



37" x 84" SINGLE HUNG WINDOW
CIRCLE TOP ORIEL



37" x 84" SINGLE HUNG WINDOW
HALF CIRCLE TOP ORIEL

TABLE OF CONTENTS

DESIGN PRESSURE RATINGS (PSF)

GLASS	MAX. SIZE	DP POS.	DP NEG.
1/8" Temp.	OA 53" x 73"	+56.7	-69.3
1/8" Temp.	OA 37" x 84"	+56.7	-69.3
3/16" Ann.	OA 53" x 73"	+42.0	-42.0
3/16" Ann.	OA 37" x 84"	+56.7	-58.0

ALL ELEVATIONS ARE VIEWED FROM EXTERIOR

Approved as complying with the Florida Building Code.
Date: 03/04/04
NOA# 03-1215.02
Miami-Dade Product Control
Division
By:

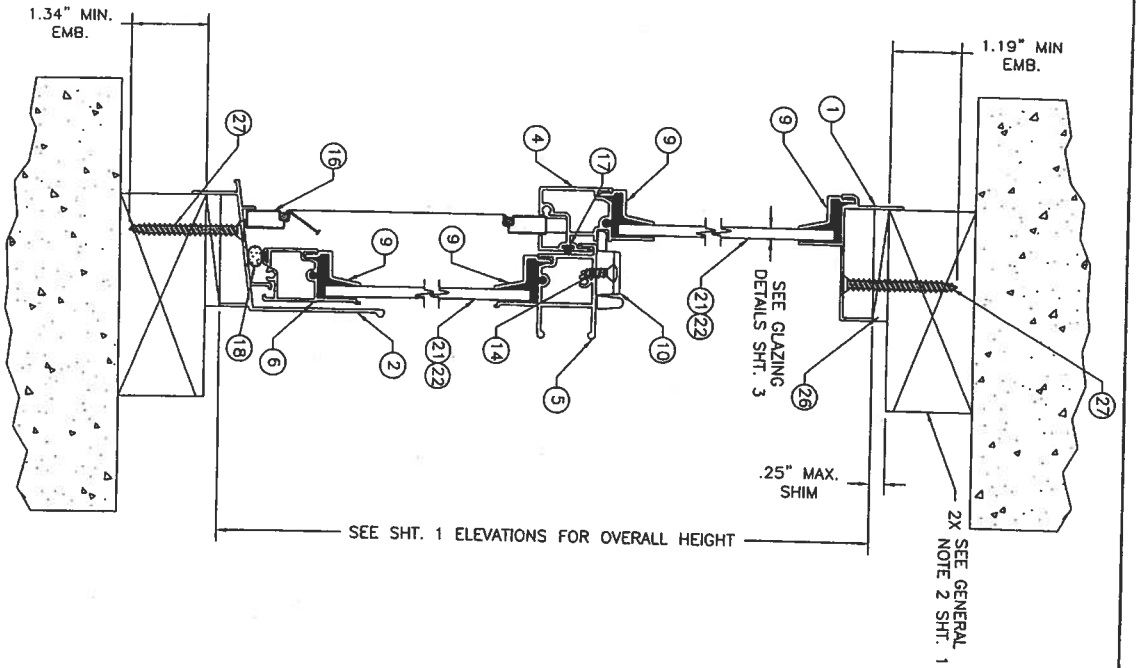
Product Approval Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Wendell Hamm, P.E. No. 54158
2/10/04

PRODUCT: NON-IMPACT SINGLE HUNG WINDOW RECTANGLE, CIRCLE TOP & ORIEL

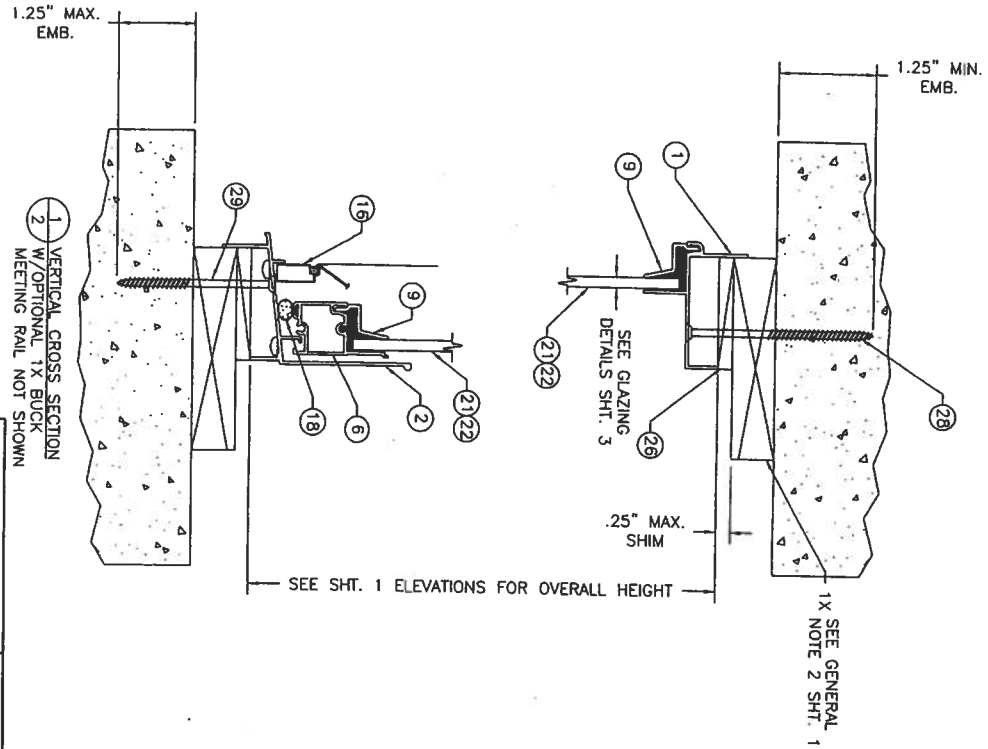
PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

NO.	DATE	REVISIONS	BY
2	2/10/04	CORRECT DP TABLE	RW
1	01/04	REVISED PER DADE LETTER	WH

DATE: 10/27/03
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2422
SHEET 1 OF 5



1/2 VERTICAL CROSS SECTION W/2X BUCK



1/2 VERTICAL CROSS SECTION W/OPTIONAL 1X BUCK MEETING RAIL NOT SHOWN

Approved as complying with the Florida Building Code
Date: 02/04/04
NOA: 02-1213.02
Miami-Dade Product Control
By:

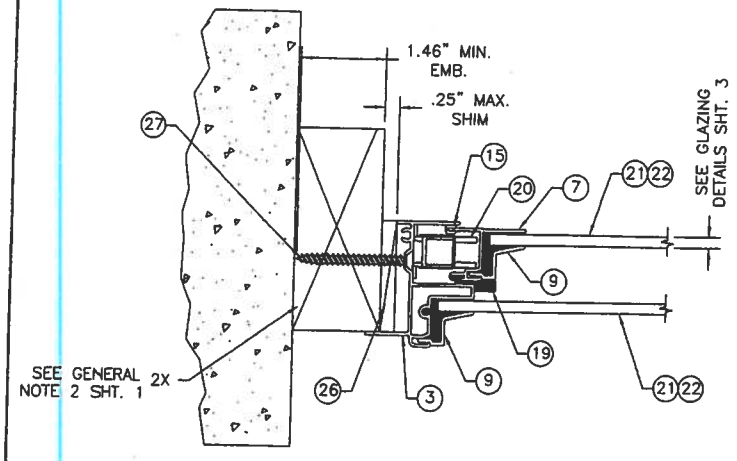
NO.	DATE	REVISIONS	BY
2	2/10/04	CORRECT DP TABLE	RW
1	01/04	REVISED PER DADE LETTER	WH

PRODUCT: NON-IMPACT SINGLE HUNG WINDOWS RECTANGLE, CIRCLE TOP & OREIAL

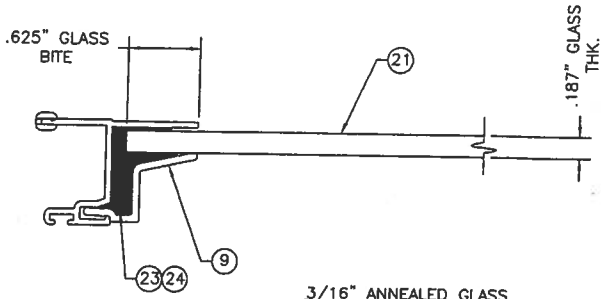
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

Product Approval Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
2/10/04
Wendell Hoover P.E. No. 54158

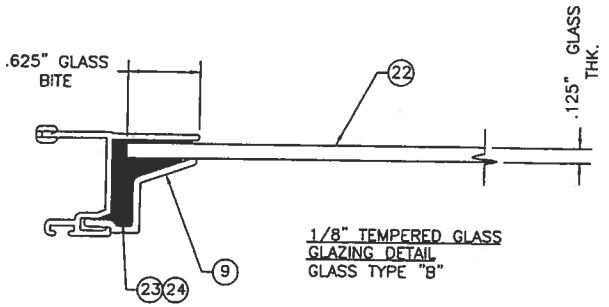
DATE: 10/27/03
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO: S-2422
SHEET 2 OF 5



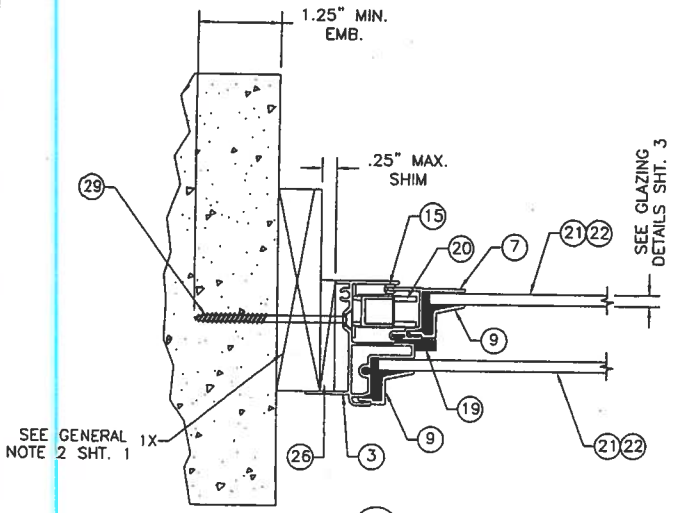
1/3 HORIZONTAL CROSS SECTION
W/2X BUCK



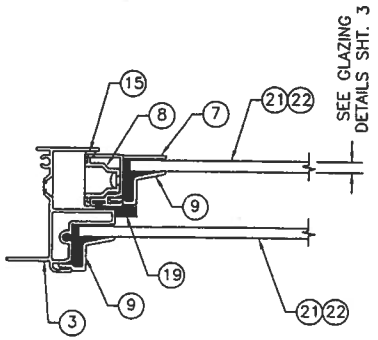
3/16" ANNEALED GLASS
GLAZING DETAIL
GLASS TYPE "A"



1/8" TEMPERED GLASS
GLAZING DETAIL
GLASS TYPE "B"



1/3 HORIZONTAL CROSS SECTION
W/1X BUCK



1/3 HORIZONTAL CROSS SECTION
SHOWING SASH CAM
MASONRY & BUCK NOT SHOWN

NOTES:
1. THE MAIN FRAME HEAD, SIDES AND SILL ARE CONNECTED TOGETHER AT EACH CORNER WITH (2) ITEM #11, A #8 x 3/4" PHILLIPS PAN HEAD SCREW. THE SCREWS RUN FROM THE HEAD DOWN INTO THE SIDES AND FROM THE SILL UP INTO THE SIDES.
2. THE FIXED MEETING RAIL IS SECURED TO THE SIDES WITH (2) EACH SIDE ITEM #12, A #8 x 1 1/4" PHILLIPS PAN HEAD SCREW.
3. THE SASH CORNERS ARE CONNECTED TOGETHER WITH (2) EACH CORNER ITEM #13, A #6 x 3/4" PHILLIPS PAN HEAD SCREW.

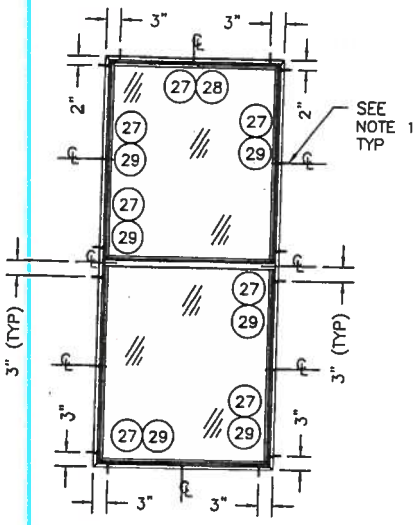
Approved as complying with the Florida Building Code
Date: 03/04/04
NOA# 02-1215.02
Miami-Dade Product Control
Division
By:

Product Approval Documents Prepared By:
BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.689.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell Hess, P.E. No. 54158
2/10/04

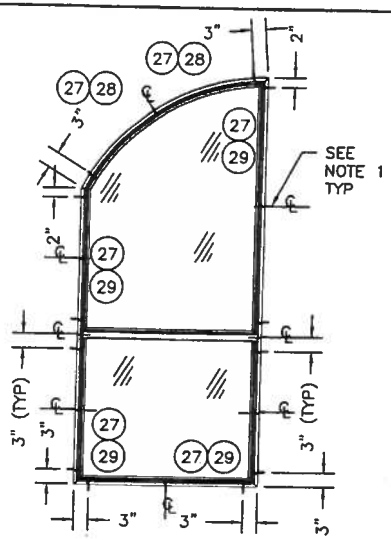
PRODUCT: NON-IMPACT SINGLE HUNG WINDOWS RECTANGLE, CIRCLE TOP & OREIAL
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & GLAZING DETAILS

NO	DATE	REVISIONS	BY
2	2/10/04	CORRECT DP TABLE	RW
1	01/04	REVISED PER DADE LETTER	WH

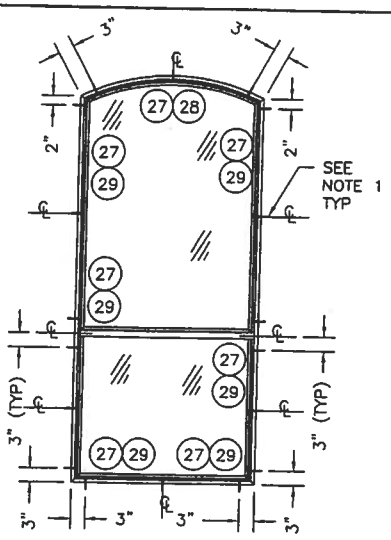
DATE: 10/27/03
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2422
SHEET 3 OF 5



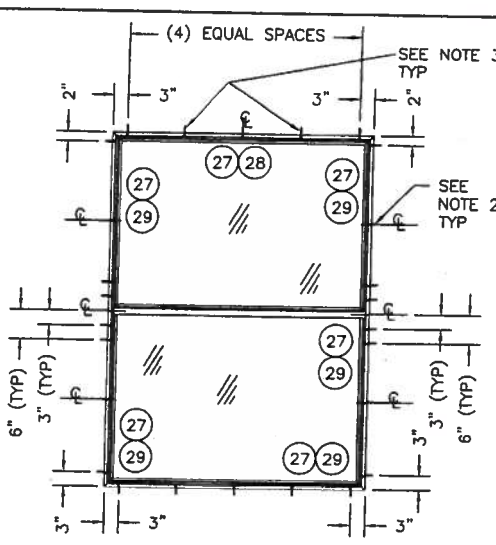
37" x 84" SINGLE HUNG WINDOW



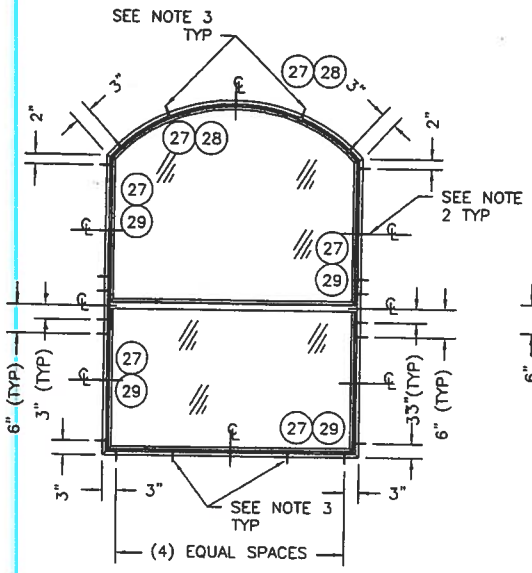
37" x 84" SINGLE HUNG WINDOW
HALF CIRCLE TOP ORIEL



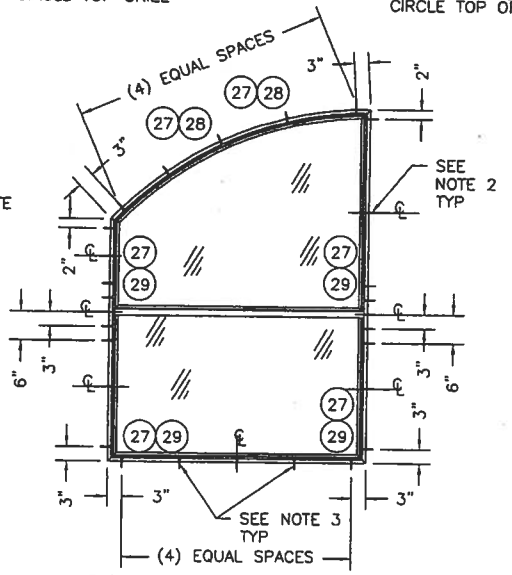
37" x 84" SINGLE HUNG WINDOW
CIRCLE TOP ORIEL



53" x 73" SINGLE HUNG WINDOW



53" x 73" SINGLE HUNG WINDOW
CIRCLE TOP ORIEL



53" x 73" SINGLE HUNG WINDOW
HALF CIRCLE TOP ORIEL

NOTES:

1. FOR UNITS SMALLER THAN 30"x60" DO NOT INSTALL ANCHOR AT CENTER LOCATION.
2. FOR UNITS SMALLER THAN 53"x60" OR SMALLER THAN 30"x66" DO NOT INSTALL ANCHOR AT CENTER LOCATION.
3. FOR UNITS SMALLER THAN 36"x66" DO NOT INSTALL ANCHORS AT EITHER SIDE OF CENTER ANCHOR AT HEAD AND SILL JAMBS.

Approved as complying with the Florida Building Code
Date 03/04/04
NOA 03-1215.02
Miami-Dade Product Control Division
By

Product Approval Documents Prepared By:
BUILDING CONSULTANTS, INC.
P.O. Box 230 Venice FL 33595
Phone No.: 813.559.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Wendell Hope, P.E. No. 54158
2/10/04

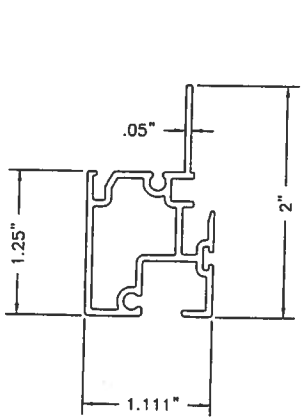
PRODUCT: NON-IMPACT SINGLE HUNG WINDOW RECTANGLE, CIRCLE TOP & ORIEL

PART OR ASSEMBLY: ANCHORING LOCATIONS

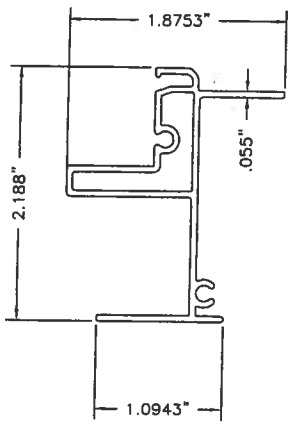
NO	DATE	REVISIONS	BY
1	01/04	REVISED PER DADE LETTER	WH
2	2/10/04	CORRECT DP TABLE	RW

DATE: 10/27/03
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2422
SHEET 4 OF 5

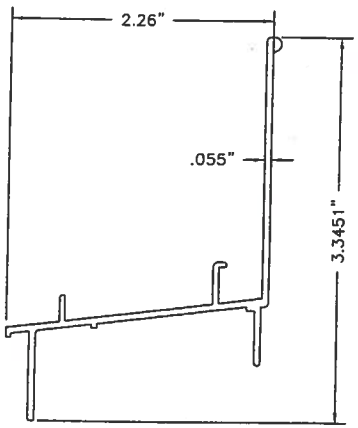
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED ALUMINUM SINGLE HUNG 1/2" HEAD #CM-18501 BY MI METALS	ALUM.
2	EXTRUDED ALUMINUM SINGLE HUNG 1/2" SILL #CM-18502 BY MI METALS	ALUM.
3	EXTRUDED ALUMINUM SINGLE HUNG 1/2" JAMB #CM-18503 BY MI METALS	ALUM.
4	EXTRUDED ALUMINUM SINGLE HUNG FIXED MEETING RAIL #CM-18504 BY MI METALS	ALUM.
5	EXTRUDED ALUMINUM SINGLE HUNG SASH LOCK RAIL #CM-18505 BY MI METALS	ALUM.
6	EXTRUDED ALUMINUM SINGLE HUNG SASH BOTTOM RAIL #CM-18506 BY MI METALS	ALUM.
7	EXTRUDED ALUMINUM SINGLE HUNG SASH STILE #CM-18507 BY MI METALS	ALUM.
8	SASH CAM #I-185 BY BSI	–
9	GLAZING BEAD #V-185 BY MI PLASTICS	–
10	LOCK #30240-402 BY REFLECTOLITE	–
11	MAIN FRAME SCREW #8 x 3/4" PHHILLIPS PAN HEAD	STEEL
12	MEETING RAIL SCREW #8 x 1 1/4" PHILLIIPS PAN HEAD	STEEL
13	SASH SCREW #6 x 3/4" PHILLIPS PAN HEAD	STEEL
14	LOCK SCREW #8 x 5/8" PHILLIPS FLAT HEAD -PTD	STEEL
15	SASH GUIDE #80-02-8207 BY PLASTICS, AZ	–
16	WINDOW SCREEN	–
17	FIN WEATHERSTRIPPING .187" x .250" BY AMESBURY	–
18	BULB SEAL #32002 BY AMESBURY	–
19	DUST PLUG 5/8" x 7/8" x .25" BY AMESBURY	–
20	5/8" BLOCK & TACKLE 150 SERIES BY BSI	–
21	GLASS "A" SGL GLAZED 3/16" ANN. BY GUARDIAN	–
22	GLASS "B" SGL GLAZED 1/8" TEMP. BY GUARDIAN	–
23	BACKBEDDING #SM-2100 BY SCHNEE MOREHEAD	SILICONE
24	BACKBEDDING PURFECTGLAZE-H (HOTMELT)	–
25	GLASS SHIM 1/8" x 1/4" x 1" BY SECON	–
26	1/4" MAX SHIM	–
27	#12 X 2" PHILLIPS FLAT HEAD SHEET METAL SCREW	STEEL
28	3/16" x 3 1/4" ELCO TAPCON ANCHOR	STEEL
29	3/16 x 2 3/4" ELCO TAPCON ANCHOR	STEEL



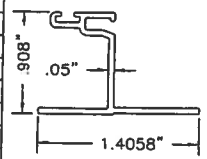
④ FIXED MEETING RAIL



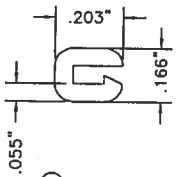
③ JAMB-FLANGE



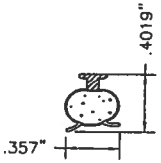
② SILL FIN



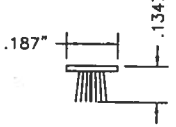
⑦ SASH STILE



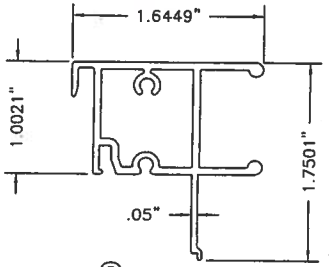
⑮ SASH GUIDE



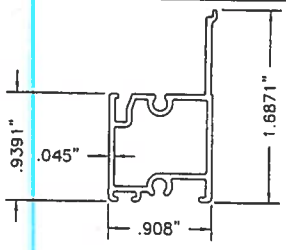
⑱ BULB SEAL



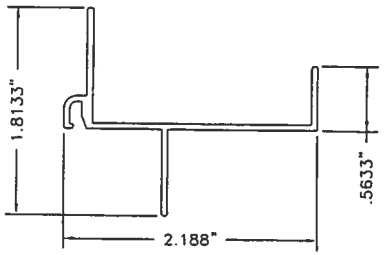
⑰ FIN WEATHERSTRIPPING



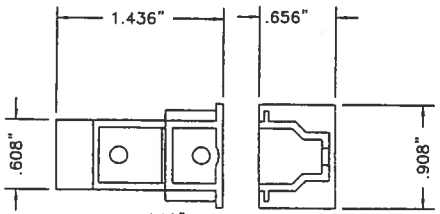
⑤ LOCK RAIL



⑥ SASH BOTTOM RAIL



① HEAD FLANGE



⑧ SASH CAM

Approved as complying with the Florida Building Code
Date 03/04/04
NOA 03-1211.02
Miami-Dade Product Control
Division
By

Product Approval Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
2/10/04
Wendell Hanes, P.E. No. 34156

PRODUCT: NON-IMPACT SINGLE HUNG WINDOWS RECTANGLE, CIRCLE TOP & OREIAL
PART OR ASSEMBLY: BILL OF MATERIALS & UNIT COMPONENTS

NO.	DATE	REVISIONS	BY
2	2/10/04	CORRECT DP TABLE	RW
1	01/04	REVISED PER DADE LETTER	WH

DATE: 10/27/03
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2422
SHEET 5 OF 5

Freeman Design Group inc
Engineers • Planners

26106

161 N.W. Madison St. Suite 102
Lake City, Florida 32055
Tel: 386-758-4209
Fax: 386-758-4290

October 31, 2007

Columbia County Building Dept.
Lake City, FL. 32055

RE: **Weatherspoon Residence**

To Whom It May Concern:

The plans indicate the removed portion of masonry wall being replaced with 2x8 framing. 8" cmu may be substituted but needs to have the following:

The wall shall be reinforced with #5 rebar in fully grouted cells @ 6'-0" o.c., each end of openings and at each end of the new wall. The reinforcing shall be lapped with foundation steel (existing) requiring a 25" lap with wall reinforcing.

The wall shall have a continuous bond beam fully grouted and reinforced with #5 rebar which shall lap 25" min. with existing steel.

A engineered pre-cast header shall be provided above wall openings and shall be fully grouted.

If you have any questions, please call me at (386) 758-4209.

Sincerely,

William H. Freeman

William H. Freeman, P.E.
President
Certificate of Authorization # 00008701

March 17, 2009
235 S.E. Beech St.
Lake City, Florida

TO: Building & Zoning Dept.
RE: Extension of permit 26106
From: Mary Alice Weatherspoon

Will you please extend 90 days to my building permit for me. Thank you
Mary A. Weatherspoon

12/16/08 26106

To whom it may concern
My Building permit has
expired. I didn't know that
it expire or had a time limit
please extend my permit
for 90 days. I know I'm
at least 40% to be completed
I'm asking here for mercy
and understanding.

Thank You
-Mary Alice Mendoza

561-914-6930

BRUCE SPICER'S FIBERGLASS INSULATION

FAMILY OWNED & OPERATED OFFICE [redacted]

JOB	BID #
ADDRESS	DATE 12-01-2010
FIRM Spicer Insulation	PREPARED BY Betty
ADDRESS	APPROVED BY Bruce Spicer
TYPE OF WORK Blowing Insulation	PHONE 386-965-5291

WORK INCLUDED	AMOUNT
R-30 Blowing Insulation Installed	
In Attic Area.	
#26106	
TOTAL	

EXCLUSIONS AND QUALIFICATIONS

Paid In Full on 12-01-2010

Bruce Spicer License' 000743

ACKNOWLEDGEMENT OF ADDENDA:	TAX	
DELIVERY	EXCLUDED	
	INCLUDED	
RECEIVED BY:		

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

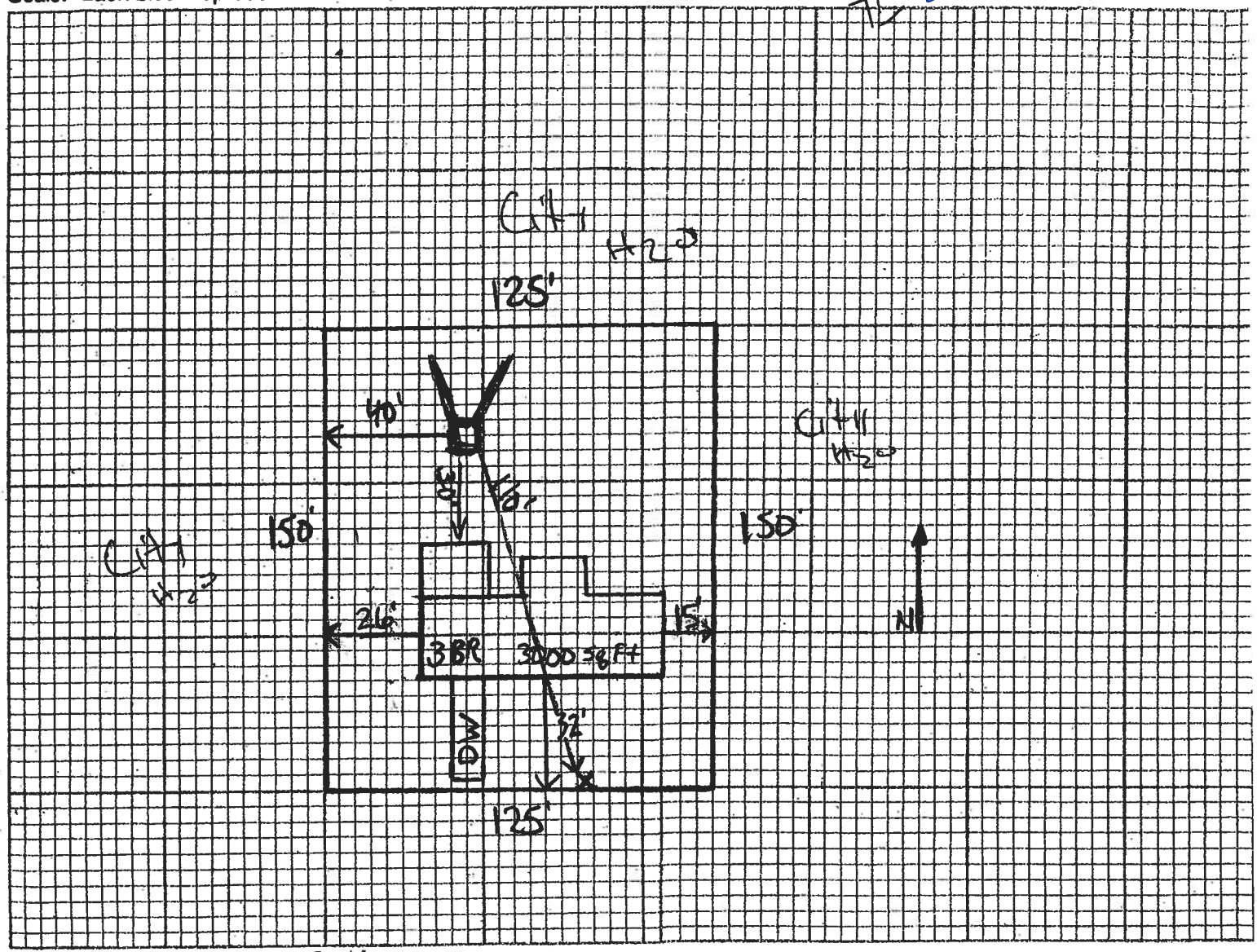
File w/ Permit

Permit Application Number 11-0001-E

PART II - SITE PLAN

#26106

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



Notes: Red = Septic Tank

X = Water Hook up

DW =

Site Plan submitted by [signature] Jan. 3, 2011 Owner

Signature Title

Plan Approved ____ Not Approved ____ Date: 1-3-11

By ____ Sallie Ford EH Director ____ County Health Departm

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 34-3S-17-07071-000 **Building permit No.** 000026106

Use Classification REMODEL/REPAIR SFD **Fire:** 0.00

Permit Holder MARY A. SEYMOR WEATHERSPOON **Waste:** 0.00

Owner of Building MARY ALICE SEYMORE WEATHERSPOON **Total:** 0.00

Location: 235 SE BEECH ST, LAKE CITY, FL 32025

Date: 08/17/2011

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

COMMENTS

Burnt Structure NO additional Sq. Ft. on existing Foundation.

No distance to property lines required.

~~NEED FLOOR PLAN~~ CALLED 7-31-01

RCVD 8.3.01