DATE 07/25/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000026053

APPLICANT JANICE OGILIVIE PHONE 229.225.1730

ADDRESS 679 BLCKSHEAR ROAD THOMASVILLE GA 31792

OWNER ADRIAN & MAUREEN RODRIGUEZ PHONE 386.454.5034

ADDRESS 258 SE ADAMS ROAD HIGH SPRINGS FL 32643

CONTRACTOR EBE WALTER/PEENYWORTH HOMES PHONE 229.225.1730

LOCATION OF PROPERTY 441-S TO ADAMS ROAD,TL AND IT'S 1/10 OF A MILE ON THE R.
(2ND LOT ON R)

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 89900.00

HEATED FLOOR AREA 1798.00 TOTAL AREA 1819.00 HEIGHT 25.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

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

PARCEL ID 10-7S-17-09974-212 SUBDIVISION DOGWOOD ACRES

LOT 12 BLOCK PHASE UNIT TOTAL ACRES 4.00

		CBC058477		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING	07-0484-E	BLK	JTH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. EXISTING M/H TO BE REMOVED 45 DAYS OF CO ISSUANCE.

Check # or Cash 1835

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

Inst:200712012489 Date:6/6/2007 Time:1:55 PM
DC,P.DeWitt Cason ,Columbia County B:1120 P:492

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

TO WHOM IT MAY CONCERN:
The undersigned hereby informs you that improvements will be made to certain real property, and in accordance with Section 713.13, Florida Statutes, the following information is stated in this Notice.

1. DESCRIPTION OF PROPERTY: PARCEL # R09974-212 – 258 SE ADAMS ST.HIGH SPRINGS, FL 32643 – LOT 12, DOGWOOD ACRES, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 6, PAGE 39-39A, PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

2. GENERAL DESCRIPTION OF IMPROVEMENTS: To construct a home.

3. NAME AND ADDRESS OF OWNER: Maureen Rodriguez and Adrian Rodriguez
258 SE Adams Street
High Springs, FL 32643

4. OWNER'S INTEREST IN SITE OF IMPROVEMENTS: Fee Simple.

5. NAME AND ADDRESS OF CONTRACTOR:
Pennyworth Homes
679 Blackshear Rd.
Thomasville, GA 31792

6. NAME AND ADDRESS OF LENDER MAKING A LOAN FOR CONSTRUCTION OF IMPROVEMENTS:

N/A

7. Notices or other documents must be served upon the Owner, at the address stated in Item 3 herein above

1835 CK# [illegible]

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0707-38 Date Received 7/16/07 By G Permit # 26053

Application Approved by - Zoning Official BLK Date 20.07.07 Plans Examiner OK SH Date 7-18-07

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Existing MH to be removed 45 of C.O. being issued

NOC EH need ~~app~~ / ~~letter of auth.~~

Janice Civil 386-649-9957

Applicants Name Maureen Rodriguez Phone 386-454-5034

Address 254 SE Adams St. High Springs FL 32643

Owners Name Same as applicant. Phone

911 Address 258 SE Adams St, High Springs, FL

Contractors Name Pennyworth Homes Inc Phone 229-225-1730

Address 679 Blackshear Rd Thomasville GA 31792

Fee Simple Owner Name & Address Same as owner.

Bonding Co. Name & Address Fidelity Bonding Co. of Maryland

Architect/Engineer Name & Address Found Structures 2467 Centerville, Tallahassee FL

Mortgage Lenders Name & Address

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

Property ID Number 10-7S-17-09974-212 Estimated Cost of Construction 61061000

Subdivision Name NA ~~Bk~~ Dogwood Acres Lot 12 Block — Unit — Phase —

Driving Directions From Lake City office Take US 90 west to I 75 South go to US441 South go to Adams Ave turn left go to 258 on right 1/10 mile. 2nd lot on right

Type of Construction Residential Single Family Number of Existing Dwellings on Property 1

Total Acreage 4 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front ~~224~~ 324' Side ~~176~~ 176' Side ~~85~~ 85' Rear 354'

Total Building Height 25' Number of Stories 1 Heated Floor Area 1798 TOTAL 1819 Roof Pitch 12/6

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.

Jason Bishop
Owner Builder or Agent (Including Contractor)

STATE OF ~~FLORIDA~~ GEORGIA
COUNTY OF ~~COLUMBIA~~ THOMAS

Sworn to (or affirmed) and subscribed before me
this 11 day of July 20 07.

JASON BISHOP NOTARY PUBLIC My Comm. Expires April 23, 2011 THOMAS COUNTY

Personally known ✓ or Produced Identification ____

[signature]
Contractor Signature

Contractors License Number CRC058407

Competency Card Number

NOTARY STAMP/SEAL

[signature]
Notary Signature

FORM 600A-2004R

EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Pennywoth Homes Rodriguez Custom**	Builder:	**Pennyworth Homes**
Address:	**258 South East Adams Street**	Permitting Office:	~~Alachua~~ Columbia
City, State:	**High Springs, FL**	Permit Number:	26053
Owner:	**Maureen Rodriguez**	Jurisdiction Number:	221006
Climate Zone:	**North**		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	1798 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. (Dble Default) 213.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 213.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 194.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Concrete, Int Insul, Exterior	R=13.0, 1512.0 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1798.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 105.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit/Split	Cap: 40.2 kBtu/hr SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 40.2 kBtu/hr HSPF: 8.00	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons EF: 0.93	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.12

Total as-built points: 21175

Total base points: 24836

PASS

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

PREPARED BY: Anna Fiorea

DATE: 6/7/07

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

OWNER/AGENT: [signature]

DATE: 6/7/07

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: **258 South East Adams Street, High Springs, FL,** 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	1798.0	18.59	6016.0	1.Double, Clear	N	0.0	0.0	90.0	19.20	1.00	1727.0
				2.Double, Clear	E	0.0	0.0	30.0	42.06	1.00	1261.0
				3.Double, Clear	S	0.0	0.0	72.0	35.87	1.00	2582.0
				4.Double, Clear	W	0.0	0.0	21.0	38.52	1.00	809.0
				As-Built Total:				**213.0**			**6379.0**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1. Concrete, Int Insul, Exterior			13.0	1512.0	0.35		529.2
Exterior	1512.0	1.70	2570.4								
Base Total:	**1512.0**		**2570.4**	**As-Built Total:**				**1512.0**			**529.2**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				42.0	4.10		172.2
Exterior	42.0	6.10	256.2								
Base Total:	**42.0**		**256.2**	**As-Built Total:**				**42.0**			**172.2**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1798.0	1.73	3110.5	1. Under Attic			30.0	1798.0	1.73 X 1.00		3110.5
Base Total:	**1798.0**		**3110.5**	**As-Built Total:**				**1798.0**			**3110.5**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	194.0(p)	-37.0	-7178.0	1. Slab-On-Grade Edge Insulation			0.0	194.0(p	-41.20		-7992.8
Raised	0.0	0.00	0.0								
Base Total:			**-7178.0**	**As-Built Total:**				**194.0**			**-7992.8**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	1798.0	10.21	18357.6					1798.0	10.21		18357.6

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **258 South East Adams Street, High Springs, FL,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 23132.7			**Summer As-Built Points:**					**20555.7**
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 40200btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
23132.7	**0.3250**	**7518.1**	20556 **20555.7**	1.00 **1.00**	(1.08 x 1.147 x 0.91) **1.128**	0.260 **0.260**	1.000 **1.000**	6030.3 **6030.3**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **258 South East Adams Street, High Springs, FL,** 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	1798.0	20.17	6528.0	1.Double, Clear	N	0.0	0.0	90.0	24.58	1.00	2211.0
				2.Double, Clear	E	0.0	0.0	30.0	18.79	1.00	563.0
				3.Double, Clear	S	0.0	0.0	72.0	13.30	1.00	957.0
				4.Double, Clear	W	0.0	0.0	21.0	20.73	1.00	435.0
				As-Built Total:				**213.0**			**4166.0**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points
Adjacent	0.0	0.00	0.0	1. Concrete, Int Insul, Exterior			13.0	1512.0	2.72		4120.2
Exterior	1512.0	3.70	5594.4								
Base Total:	**1512.0**		**5594.4**	**As-Built Total:**				**1512.0**			**4120.2**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM	=	Points
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				42.0	8.40		352.8
Exterior	42.0	12.30	516.6								
Base Total:	**42.0**		**516.6**	**As-Built Total:**				**42.0**			**352.8**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points
Under Attic	1798.0	2.05	3685.9	1. Under Attic			30.0	1798.0	2.05 X	1.00	3685.9
Base Total:	**1798.0**		**3685.9**	**As-Built Total:**				**1798.0**			**3685.9**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points
Slab	194.0(p)	8.9	1726.6	1. Slab-On-Grade Edge Insulation			0.0	194.0(p	18.80		3647.2
Raised	0.0	0.00	0.0								
Base Total:			**1726.6**	**As-Built Total:**				**194.0**			**3647.2**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM	=	Points
	1798.0	-0.59	-1060.8					1798.0	-0.59		-1060.8

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **258 South East Adams Street, High Springs, FL,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**16990.7**	**Winter As-Built Points:**					**14911.3**
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 40200 btuh ,EFF(8.0) Ducts:Unc(S),Con(R),Int(AH),R6.0					
16990.7	**0.5540**	**9412.8**	14911.3 **14911.3**	1.000 **1.00**	(1.060 x 1.169 x 0.93) 0.426 **1.152**	**0.426**	1.000 **1.000**	7324.6 **7324.6**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **258 South East Adams Street, High Springs, FL,** 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		2635.00	7905.0	50.0	0.93	3	1.00	2606.67	1.00	7820.0	
				As-Built Total:						**7820.0**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
7518	**9413**	**7905**	**24836**	**6030**	**7325**	**7820**	**21175**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **258 South East Adams Street, High Springs, FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
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* = 87.2

The higher the score, the more efficient the home.

Maureen Rodriguez, 258 South East Adams, High Springs, FL,

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)	1798 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)	Description Area 7a. (Dble Default) 213.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 213.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 194.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Concrete, Int Insul, Exterior	R=13.0, 1512.0 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1798.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 105.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit/Split	Cap: 40.2 kBtu/hr SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 40.2 kBtu/hr HSPF: 8.00	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	N/A		
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)		

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: 6-27-07

Address of New Home: 258 S.E. Adams City/FL Zip: High Springs FL

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.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.2

The higher the score, the more efficient the home.

Maureen Rodriguez, 258 South East Adams Street, High Springs, FL,

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)	1798 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)	Description Area 7a. (Dble Default) 213.0 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 213.0 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 194.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Concrete, Int Insul, Exterior	R=13.0, 1512.0 ft²	
	b. N/A		
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 1798.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 105.0 ft	
	b. N/A		
12.	Cooling systems		
	a. Central Unit/Split	Cap: 40.2 kBtu/hr SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 40.2 kBtu/hr HSPF: 8.00	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 50.0 gallons EF: 0.93	
	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)		

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.

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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.

TRACE 600 ANALYSIS

by BLUE HERON CONSULTING

PENNYWORTH HOMES RODRIGUEZ RESIDENCE
HIGH SPRINGS, FL

Weather File Code:	GAINSVIL	
Location:		
Latitude:	29.0	(deg)
Longitude:	82.0	(deg)
Time Zone:	5	
Elevation:	155	(ft)
Barometric Pressure:	29.7	(in. Hg)
Summer Clearness Number:	0.95	
Winter Clearness Number:	0.95	
Summer Design Dry Bulb:	93	(F)
Summer Design Wet Bulb:	77	(F)
Winter Design Dry Bulb:	31	(F)
Summer Ground Reflectance:	0.20	
Winter Ground Reflectance:	0.20	
Air Density:	0.0756	(Lbm/cuft)
Air Specific Heat:	0.2444	(Btu/lbm/F)
Density-Specific Heat Prod:	1.1087	(Btu-min./hr/cuft/F)
Latent Heat Factor:	4,880.3	(Btu-min./hr/cuft)
Enthalpy Factor:	4.5356	(Lb-min./hr/cuft)

Design Simulation Period: June To November
System Simulation Period: January To December
Cooling Load Methodology: TETD/Time Averaging

Time/Date Program was Run: 9: 3:13 6/ 7/ 7
Dataset Name: PWHRODR .TM

AIRFLOW - ALTERNATIVE 1

S Y S T E M S U M M A R Y
(Design Airflow Quantities)

System Number	System Type	Main: Outside Airflow (Cfm)	Main: Cooling Airflow (Cfm)	Main: Heating Airflow (Cfm)	Main: Return Airflow (Cfm)	Main: Exhaust Airflow (Cfm)	Auxil. Supply Airflow (Cfm)	Room Exhaust Airflow (Cfm)
1	SZ	100	1,615	1,615	1,615	100	0	0
Totals		100	1,615	1,615	1,615	100	0	0

CAPACITY - ALTERNATIVE 1

S Y S T E M S U M M A R Y
(Design Capacity Quantities)

System Number	System Type	Cooling: Main Sys. Capacity (Tons)	Cooling: Aux. Sys. Capacity (Tons)	Cooling: Opt. Vent Capacity (Tons)	Cooling Totals (Tons)	Heating: Main Sys. Capacity (Btuh)	Heating: Aux. Sys. Capacity (Btuh)	Heating: Preheat Capacity (Btuh)	Heating: Reheat Capacity (Btuh)	Heating: Humidif. Capacity (Btuh)	Heating: Opt. Vent Capacity (Btuh)	Heating Totals (Btuh)
1	SZ	3.4	0.0	0.0	3.4	-27,531	0	0	0	0	0	-27,531
Totals		3.4	0.0	0.0	3.4	-27,531	0	0	0	0	0	-27,531

The building peaked at hour 15 month 9 with a capacity of 3.4 tons

ENGINEERING CHECKS - ALTERNATIVE 1

E N G I N E E R I N G C H E C K S

System Number	Main/ Auxiliary	System Type	Percent Outside Air	Cooling: Cfm/ Sq Ft	Cooling: Cfm/ Ton	Cooling: Sq Ft /Ton	Cooling: Btuh/ Sq Ft	Heating: Cfm/ Sq Ft	Heating: Btuh/ Sq Ft	Floor Area Sq Ft
1	Main	SZ	6.19	0.90	481.7	536.3	22.37	0.90	-15.31	1,798

SYSTEM CHECKSUMS System 1 Peak SZ - SINGLE ZONE SYSTEM

	COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK		
Peaked at Time ==	Mo/Hr: 9/15					Mo/Hr: 9/15		Mo/Hr: 13/ 1		
Outside Air ==	OADB/WB/HR: 93/ 75/105.0					OADB: 93		OADB: 31		
Envelope Loads	Space Sens.+Lat. (Btuh)	Ret. Air Sensible (Btuh)	Ret. Air Latent (Btuh)	Net Total (Btuh)	Percnt Of Tot (%)	Space Sensible (Btuh)	Percnt Of Tot (%)	Space Peak Space Sens (Btuh)	Coil Peak Tot Sens (Btuh)	Percnt Of Tot (%)
Skylite Solr	0	0		0	0.00	0	0.00	0	0	0.00
Skylite Cond	0	0		0	0.00	0	0.00	0	0	0.00
Roof Cond	6,778	0		6,778	16.85	6,778	19.42	-3,686	-3,686	13.39
Glass Solar	15,336	0		15,336	38.12	15,336	43.93	0	0	0.00
Glass Cond	2,492	0		2,492	6.19	2,492	7.14	-6,133	-6,133	22.28
Wall Cond	10,302	0		10,302	25.61	10,302	29.51	-9,428	-9,428	34.24
Partition	0			0	0.00	0	0.00	0	0	0.00
Exposed Floor	0			0	0.00	0	0.00	-3,738	-3,738	13.58
Infiltration	0			0	0.00	0	0.00	0	0	0.00
Sub Total==	34,908	0		34,908	86.78	34,908	100.00	-22,986	-22,986	83.49
Internal Loads										
Lights	0	0		0	0.00	0	0.00	0	0	0.00
People	0			0	0.00	0	0.00	0	0	0.00
Misc	0	0	0	0	0.00	0	0.00	0	0	0.00
Sub Total==	0	0	0	0	0.00	0	0.00	0	0	0.00
Ceiling Load	0	0		0	0.00	0	0.00	0	0	0.00
Outside Air	0	0	0	4,745	11.80	0	0.00	0	-4,546	16.51
Sup. Fan Heat				574	1.43		0.00		0	0.00
Ret. Fan Heat		0		0	0.00		0.00		0	0.00
Duct Heat Pkup		0		0	0.00		0.00		0	0.00
OV/UNDR Sizing	0			0	0.00	0	0.00	0	0	0.00
Exhaust Heat		0	0	0	0.00		0.00		0	0.00
Terminal Bypass		0	0	0	0.00		0.00		0	0.00
Grand Total==	34,908	0	0	40,228	100.00	34,908	100.00	-22,986	-27,531	100.00

COOLING COIL SELECTION

	Total Capacity (Tons)	(Mbh)	Sens Cap. (Mbh)	Coil Airfl (cfm)	Entering DB/WB/HR Deg F	Deg F	Grains	Leaving DB/WB/HR Deg F	Deg F	Grains
Main Clg	3.4	40.2	37.4	1,615	76.1	63.4	67.4	55.2	54.4	62.5
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Totals	3.4	40.2								

AREAS

	Gross Total	Glass (sf)	(%)
Floor	1,798		
Part	0		
ExFlr	194		
Roof	1,798	0	0
Wall	1,746	213	12

HEATING COIL SELECTION

	Capacity (Mbh)	Coil Airfl (cfm)	Ent Deg F	Lvg Deg F
Main Htg	-27.5	1,615	69.5	84.8
Aux Htg	0.0	0	0.0	0.0
Preheat	-0.0	1,615	69.5	55.2
Reheat	0.0	0	0.0	0.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-27.5			

AIRFLOWS (cfm)

Type	Cooling	Heating
Vent	100	100
Infil	0	0
Supply	1,615	1,615
Mincfm	0	0
Return	1,615	1,615
Exhaust	100	100
Rm Exh	0	0
Auxil	0	0

ENGINEERING CHECKS

Clg % OA	6.2
Clg Cfm/Sqft	0.90
Clg Cfm/Ton	481.67
Clg Sqft/Ton	536.35
Clg Btuh/Sqft	22.37
No. People	0
Htg % OA	6.2
Htg Cfm/SqFt	0.90
Htg Btuh/SqFt	-15.31

TEMPERATURES (F)

Type	Clg	Htg
SADB	55.5	84.8
Plenum	75.0	72.0
Return	75.0	72.0
Ret/OA	76.1	69.5
Runarnd	75.0	72.0
Fn MtrTD	0.1	0.0
Fn BldTD	0.1	0.0
Fn Frict	0.2	0.0

MAIN SYSTEM COOLING - ALTERNATIVE 1

P E A K C O O L I N G L O A D S
(Main System)

Room Number	Description	Space: Peak Time Mo/Hr	Space: OA Cond. DB/WB (F)	Space: Rm Dry Blb (F)	Space: Supp. Dry Bulb (F)	Space: Air Flow (Cfm)	Space: Sens. Load (Btuh)	Space: Lat. Load (Btuh)	Coil: Peak Time Mo/Hr	Coil: OA Cond. DB/WB (F)	Coil: Rm Dry Blb (F)	Coil: Supp. Dry Bulb (F)	Coil: Air Flow (Cfm)	Coil: Sens. Load (Btuh)	Coil: Lat. Load (Btuh)
100	FLOOR AREA	9/15	93	75	55.5	1,615	34,908	0	9/15	93	75	55.5	1,615	37,434	2,794
Zone 1	Total/Ave.		93	75	55.5	1,615	34,908	0		93	75	55.5	1,615	37,434	2,794
Zone 1	Block	9/15	93	75	55.5	1,615	34,908	0	9/15	93	75	55.5	1,615	37,434	2,794
System 1	Total/Ave.		93	75	55.5	1,615	34,908	0		93	75	55.5	1,615	37,434	2,794
System 1	Block	9/15	93	75	55.5	1,615	34,908	0	9/15	93	75	55.5	1,615	37,434	2,794

MAIN SYSTEM HEATING - ALTERNATIVE 1

P E A K H E A T I N G L O A D S
(Main System)

Room Number	Description	Floor Area (Sq Ft)	Space: Peak Time Mo/Hr	Space: OA Cond. DB/WB (F)	Space: Rm Dry Blb (F)	Space: Supp. Dry Bulb (F)	Space: Air Flow (Cfm)	Space: Sens. Load (Btuh)	Coil: Peak Time Mo/Hr	Coil: OA Cond. DB/WB (F)	Coil: Rm Dry Blb (F)	Coil: Supp. Dry Bulb (F)	Coil: Air Flow (Cfm)	Coil: Sens. Load (Btuh)
100	FLOOR AREA	1,798	13/ 1	31	27	72	84.8	1,615	-22,986	13/ 1	31	27	72	84.8	1,615	-27,531
Zone 1	Total/Ave.	1,798		31	27	72	84.8	1,615	-22,986		31	27	72	84.8	1,615	-27,531
Zone 1	Block	1,798	13/ 1	31	27	72	84.8	1,615	-22,986	13/ 1	31	27	72	84.8	1,615	-27,531
System 1	Total/Ave.	1,798		31	27	72	84.8	1,615	-22,986		31	27	72	84.8	1,615	-27,531
System 1	Block	1,798	13/ 1	31	27	72	84.8	1,615	-22,986	13/ 1	31	27	72	84.8	1,615	-27,531

Pennyworth Homes

Got Land? Let's Build!

7/16/07

To: Columbia County Building Dept

To Whom It May Concern:

I, Ebe Walter, authorize the following persons to act as my agent when applying for and picking up all permits in Columbia County, Fla.

Janice Ogilvie
Debi Young
Jason Bishop
James Glenn
Buster Brown
Chris Nye

Thank you,

Ebe Walter

STATE OF GEORGIA
COUNTY OF THOMAS

I hereby certify on this day, before me, an officer to administer oaths and take Acknowledgements, personally appeared Ebe Walter known to me to be the person described in and who executed the foregoing instrument, who acknowledged before me that he executed the same, that I relied upon the following form of identification of the above named person Driver's License and that an oath (was) (was not) taken.

Witness my hand and official seal in the County and State last aforesaid this 16 Day of July, 2007.

Notary Public signature

Jason Bishop
Notary Public Printed Name

JASON BISHOP NOTARY PUBLIC THOMAS COUNTY, GA. My Comm. Expires April 23, 2011

Prepared by and return to:
JAMES F. GRAY, ESQ.

JAMES F. GRAY, P.A.
3615 B NW 13th Street
Gainesville, FL 32609
352-371-6303
File Number: LaFlam 2005
Will Call No.:

Inst:2005031241 Date:12/19/2005 Time:10:29
Doc Stamp-Deed : 689.50
MK DC,P.DeWitt Cason,Columbia County B:1068 P:1388

Parcel Identification No. R09974-212

[Space Above This Line For Recording Data]

Warranty Deed

(STATUTORY FORM - SECTION 689.02, F.S.)

This Indenture made this 9th day of **December, 2005** between **DEBRA MARIE LAFLAM, a single woman** whose post office address is **300 Cheek Circle Road, Whittier, NC 28789** of the County of **Jackson**, State of **North Carolina**, grantor*, and **ADRIAN RODRIGUEZ and MAUREEN RODRIGUEZ, husband and wife** whose post office address is **11241 N.W. 39th Court, Coral Springs, FL 33065** of the County of **Broward**, State of **Florida**, grantee*,

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

Lot 12, Dogwood Acres, according to the map or plat thereof as recorded in Plat Book 6, Page(s) 39 and 39A, Public Records of Columbia County, Florida.

Together with that certain 1993 Liberty Mobile Home, ID #10L23197.

SUBJECT TO covenants, conditions, restrictions, easements, reservations and limitations of record, applicable zoning laws and all other matters of public record.

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

* "Grantor" and "Grantee" are used for singular or plural, as context requires.

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

Signed, sealed and delivered in our presence:

Witness Name: James F. Gray

Witness Name: Deirdre A. Gray

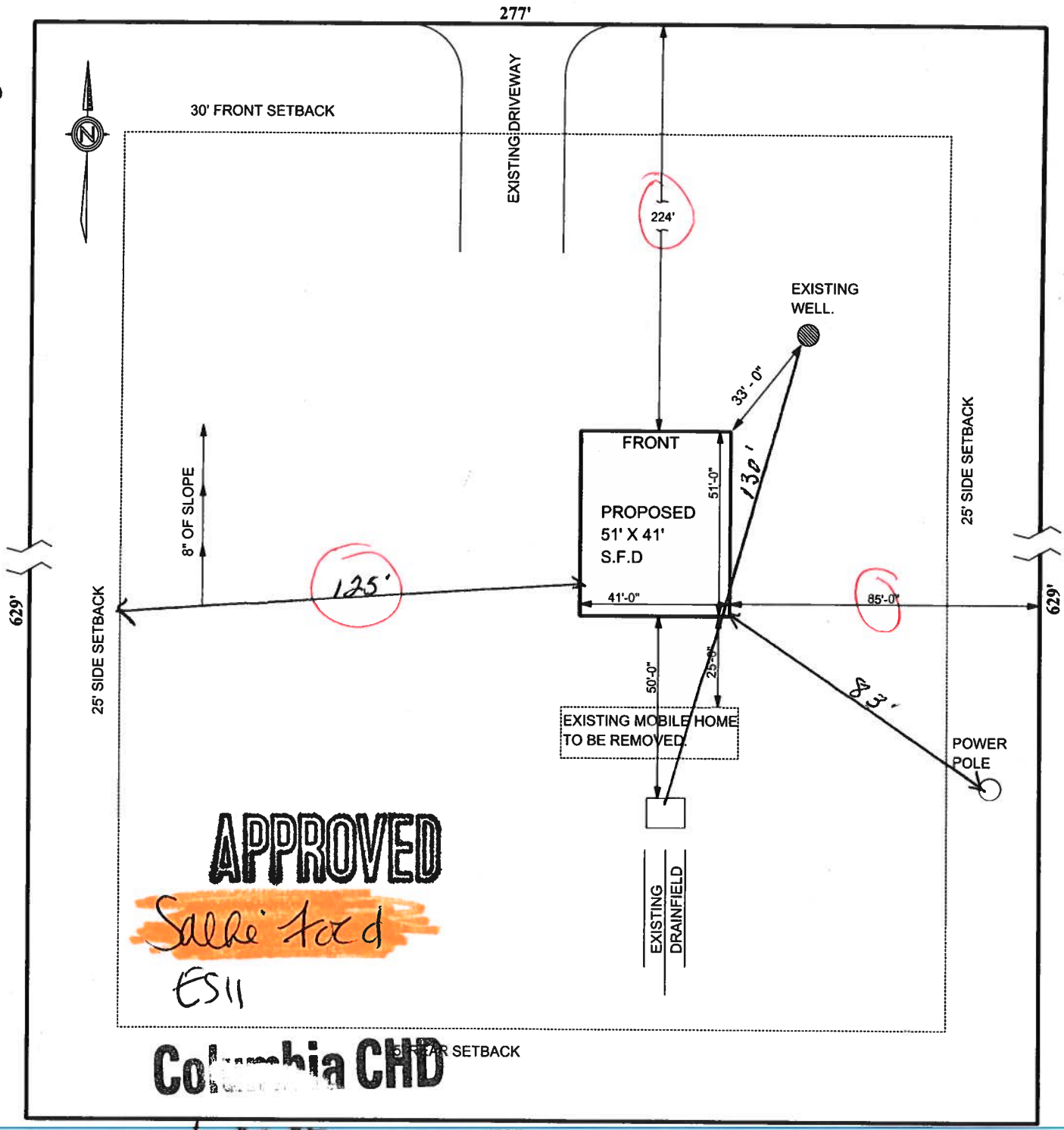
Debra M LaFlam (Seal)
DEBRA MARIE LAFLAM

07-0484-E

PROPOSED PLOT PLAN FOR:
MAURENN RODRIGUEZ
258 SE ADAMS ST. HIGH SPRINGS, FL.
COLUMBIA COUNTY
PARCEL ID#10-7S-17-09974-212 HX
3 BEDRM / 2 BATH 1805 SQ FT

SUBMITTED BY:__PENNYWORTH HOMES INC.

SCALE: 1" = 40'0" **ADAMS AVENUE** **DATE: 4/16/07**



no Septic or Wells within 75'

no Septic or Wells within 75'

APPROVED
Sallie Ford
ES11
Columbia CHD

6-22-07

no Septic or Wells within 75' 6-15-07

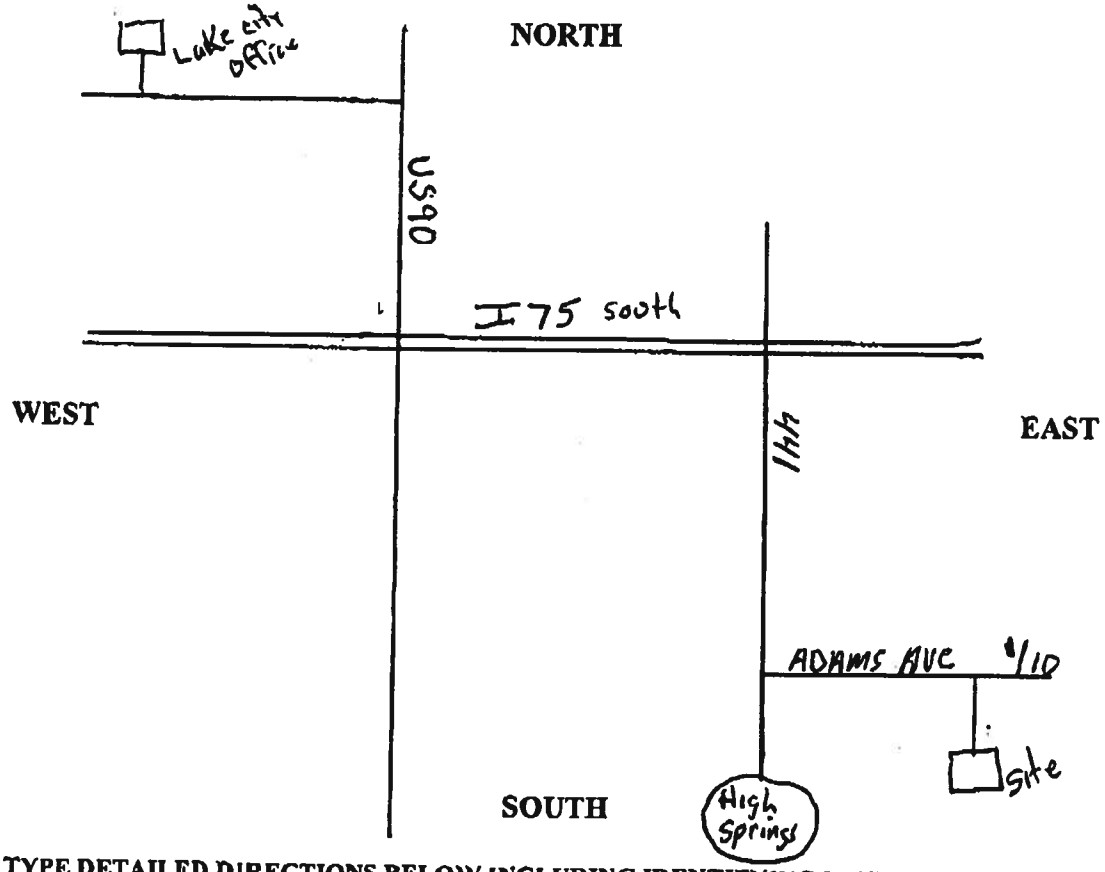
PENNYWORTH HOMES

DIRECTIONS TO JOB SITE OF Rodriguez, Maureen + Adrian

JOB # 07-04-2040 **ADDRESS:** 258 SE Adam's AVE

City: High springs Fl. 32643 **State** Fl.

MODEL: custom - 100% **County:** Columbia



TYPE DETAILED DIRECTIONS BELOW INCLUDING IDENTIFYING LANDMARKS, SUCH AS STORES, SIGNS, GAS STATIONS, ETC. WITH MILEAGE BETWEEN ROADS LISTED. BE VERY DETAILED AND DOUBLE CHECK FOR ACCURACY. POST PWH SIGN ON THE JOB.

From Lake city office take US 90 west to I75 south go to US 441 south go to Adam's AVE turn left go to 258 on right 1/10 mile.

A & B Construction Inc.
P. O. Box 39
Ft. White, FL, 32038
386-497-2311

SEPTIC TANK INSPECTION APPROVAL/DISAPPROVAL

Owners Name: Maureen Rodriguez
Property Location: 258 Rivers Rd.

Tank Approval: (Tank must be pumped prior to approval)
Gallon Capacity: 900
Inside Tank Dimensions: Length 8 Width 4
Depth (Outlet to bottom) 3.6
Pumped Free of Septage: Yes Approved Outlet Tee In Place: Yes
Tank Structurally Sound: Yes Outlet Filter (if required): Yes

Tank Disapproved: (If visual inspection indicates unapproved tank, old tank must be pumped and properly abandoned at time of new installation).
Gallon Capacity: _____
Inside Tank Dimensions: Length _____ Width _____
Depth(Outlet to bottom) _____
_____ Tank Not Structurally Sound
_____ No Bottom
_____ Tank Cracked
_____ No Approved Outlet Tee
_____ No Approved Filter (If filter required, must be installed prior to inspection by Health Department)

[ ] HYDRAULIC OVERLOAD
[ ] SYSTEM DAMAGE
[ ] ROOTS
[ ] DRAINFIELD
[ ] MAINTENANCE
[ ] DRAINAGE / RUN OFF
[ ] SEWAGE ON GROUND
[ ] PLUMBING BACKUP

FAXED By: Kristina Date: 4-13-07

I CERTIFY THAT THE NOTED TANK WAS PUMPED ON 4-11-07 HAS THE VOLUME SPECIFIED, IS STRUCTURALLY SOUND AND HAS A SOLIDS DEFLECTION DEVICE/ OUTLET FILTER DEVICE INSTALLED OR DEFICIENCIES ARE NOTED ABOVE UNDER DISAPPROVAL.

Rob D 7-0 — A&B Const. — 4-11-07
LICENSED CONTRACTOR — BUSINESS NAME — DATE

NOTE: THIS INSPECTION IS VALID FOR THREE (3) YEARS AND WILL BE REQUIRED FOR FUTURE REPAIR/EXSISTING PERMITS. PLEASE RETAIN.

COLUMBIA COUNTY 9-1-1 ADDRESSING / GIS DEPARTMENT

P. O. Box 1787, Lake City, FL 32056-1787
Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

ADDRESS ASSIGNMENT DATA

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

Residential or Other Structure on Parcel Number:
10-7S-17-09974-212

Address Assignment:
258 SE ADAMS ST, HIGH SPRINGS, FL, 32643

Existing home being replaced by new home, utilizing same access no change required.

Any questions concerning this information should be referred to the Columbia County 9-1-1 Addressing / GIS Department at the address or telephone number above.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

PRODUCT APPROVAL INFORMATION SHEET

Project Name: Rodriguez **Permit #** 0101-38

Project Address: 258 SE Adams ST, High Springs, FL

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below as applicable to the building construction project for the permit number listed above. You should contact your product supplier if you not know the product approval number for any of the applicable listed products. Information regarding statewide product approval may be obtained at: www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State #	Local #
A. EXTERIOR DOORS					
1.Swinging	Nan Ya Plastic Corp. tpro Inc.	Distinction series	per manufacturer	Fl 6184	
2.Sliding	Silverline	Sliding Patio Door 5500/5600/5700	per manufacturer	FL 5600	
3.Sectional	Clopay	W3:1000,1001	per manufacturer	FL 542	
B. WINDOWS					
1.Single hung	Silverline	2900 series	per manufacturer	Fl 3873	
2.Mullion	Kinco Ltd.	Drawing # m03-04a	per manufacturer	FL 957	
3. Fixed	Hy-Lite Products	600 / 800	per manufacturer	FL 2025	
C. PANEL WALL					
1. Siding	Royal Siding	Vinyl siding	per manufacturer	FL 976	
2. Soffits	Royal Siding	Vinyl soffit	per manufacturer	FL 976	
D. ROOFING PRODUCTS					
1. Asphalt Shingles	Owens Corning	Classic Ar 3 tab, Oakridge Pro 30 Ar	per manufacturer	FL 85	
2. Underlayments	Owens Corning	Weatherlock metal	per manufacturer	FL 1000	
3. Cement-adhesive coats	Owens Corning	Trumbell tru cool reflective ro	per manufacturer	FL 2276	
E. STRUCTURAL COMPONENTS					
1. Wood connenctor / anchor	Simpson Strong Tie	Wood connector Achors LU H 10, ABU 66, Sp1, Sp2, 24" strap	per manufacturer	FL 474	
2. Wood connenctor / anchor	Simpson Strong Tie	Wood connector Achors PHD	per manufacturer	FL 503	

3. Truss Plates	MiTeck Industries Inc.	Truss Plates	per manufacturer	FL 2197	
4. Engineered lumber	Trus Joist	Engineered Wood	per manufacturer	FL 1630	
F. NEW EXTERIOR ENVELOPE PRODUCTS					
1. Envelope	James Hardi Siding	Hardiplank lap siding	per manufacturer	FL 889	
2. Envelope	James Hardi Siding	Hardipanel vertical siding Stucco finish	per manufacturer	FL 889	

In addition to completing the above list of manufactures, product description and State approval number for the products used on this Project, it is the Contractor's or Authorized Agent's responsibility to have a legible copy of each manufacturer's printed instructions, Along with the list above, on the job site available to the inspector.

The products listed below did not demonstrate product approval at plan review. I understand that before these products can be Inspected, they must be submitted for review for code compliance and approved by a Plans Examiner. This form will be revised to Include each new product in categories listed above and will be highlighted to indicate the new products and required information.

Authorized Project Agent: Shaun Bishop _____
(Contractor or Design Professional) (Print Name) (Signature)

Company Name: Pennywonts Homes Inc

Mailing Address: 679 Blackshear Rd

City: Thomasville State: GA Zip Code: 31792

Telephone Number: (229) 225-1730 Fax Number: (229) 227-6191

FL 6184

NAN YA PLASTICS CORP.
PLASTPRO INC.

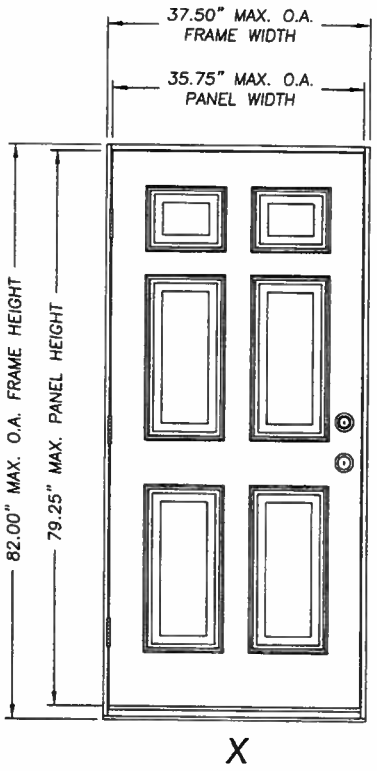
9 PEACH TREE HILL ROAD
LIVINGSTON, NEW JERSEY 07039

PH: 800-779-0561 FAX: 973-758-4001

DISTINCTION SERIES
3'0" x 6'8" OPAQUE FIBERGLASS DOOR
INSWING / OUTSWING

GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN WIND-BORNE DEBRIS REGIONS THIS PRODUCT COMPLIES WITH SECTION 1609.1.4 OF THE FLORIDA BUILDING CODE AS AN IMPACT RESISTANT PRODUCT AND DOES NOT REQUIRE THE USE OF AN EXTERNAL IMPACT RESISTANT COVERING. THIS PRODUCT DOES NOT MEET THE REQUIREMENTS FOR ENHANCED PROTECTION OF ESSENTIAL FACILITIES AS DEFINED IN ASTM E1996.
4. FOR 2X STUD FRAMING CONSTRUCTION, ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.
5. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.



SINGLE OPAQUE DOOR

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
2	HORIZONTAL & VERTICAL CROSS SECTIONS
3	BUCK & FRAME ANCHORING
4	BILL OF MATERIALS & COMPONENTS

TYPE	OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
INSWING	37.50" x 82.00"	+65.0	-70.0
OUTSWING	37.50" x 80.37"	+65.0	-65.0

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

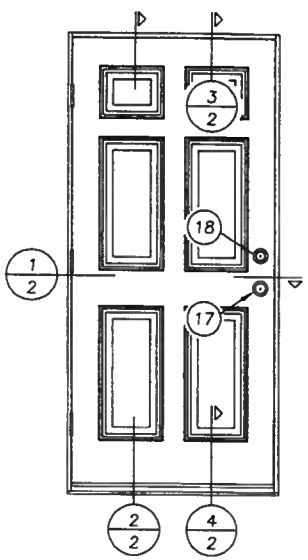
PRODUCT: DISTINCTION SERIES 3'0" x 6'8" OPAQUE FIBERGLASS DOOR INSWING / OUTSWING

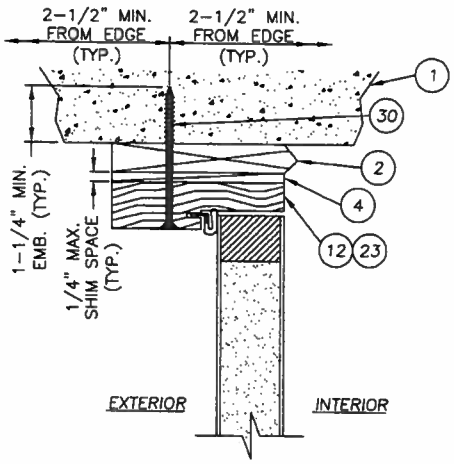
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

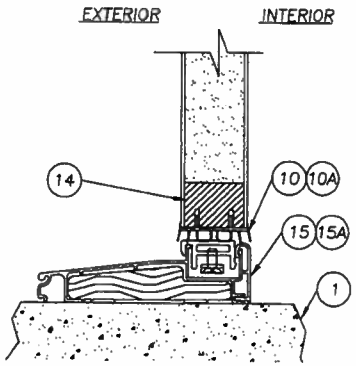
DATE: 01/13/06
SCALE: N.T.S.
DWG. BY: AEM
CHK. BY: WWH
DRAWING NO.: FL-853
SHEET 1 OF 4

\\Rwbcsrv\rwbc\Proj 801 - 900\p893\FL-853\FL-853-1.dwg

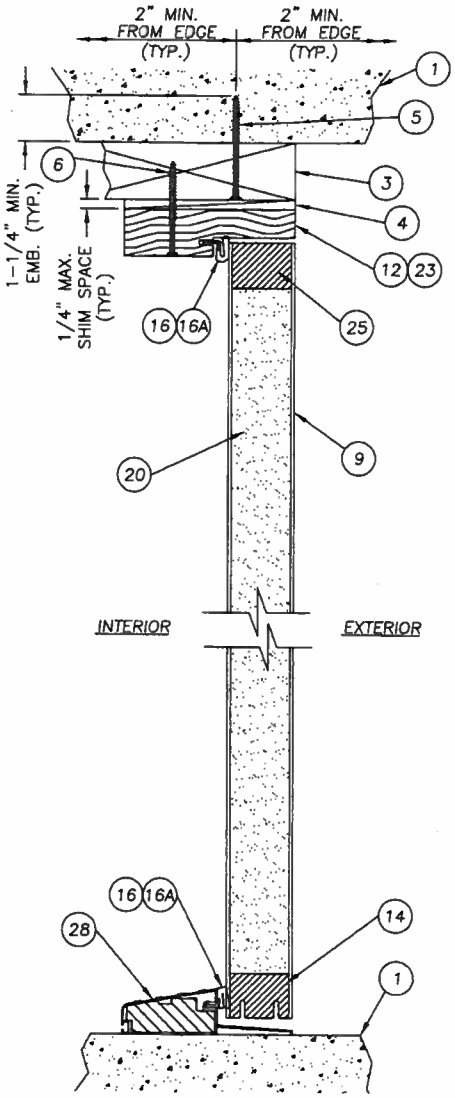




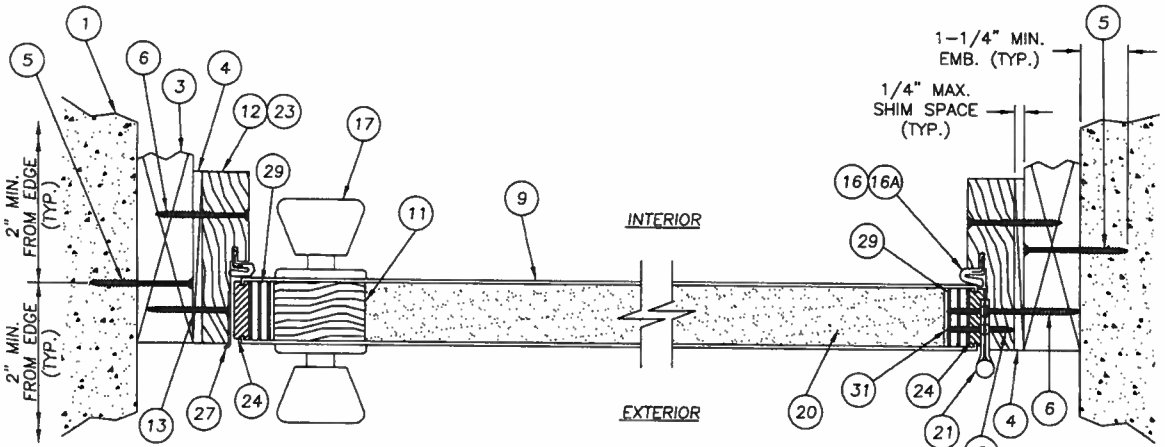
3/2 VERTICAL CROSS SECTION
SHOWN W/1X SUB-BUCK SUBSTITUTING CONCRETE SCREWS FOR SCREWS PER SECTION 1714.5.4.2 OF THE FLORIDA BUILDING CODE.



4/2 VERTICAL CROSS SECTION
INSWING CONFIGURATION



2/2 VERTICAL CROSS SECTION
OUTSWING CONFIGURATION



1/2 HORIZONTAL CROSS SECTION
OUTSWING CONFIGURATION

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158
2-22-06

PRODUCT: DISTINCTION SERIES 3'0" x 6'8" OPAQUE FIBERGLASS DOOR INSWING / OUTSWING

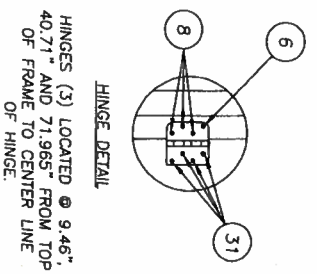
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 01/13/06
SCALE: N.T.S.
DWG. BY: AEM
CHK. BY: WWH
DRAWING NO.: FL-853
SHEET 2 OF 4

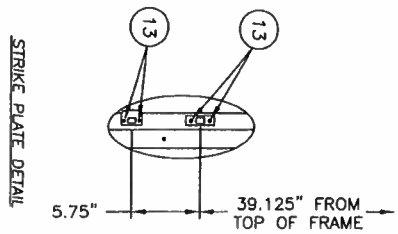
R:\Proj 801 - 900\#893\FL-853\FL-853-2.dwg

R:\Proj 801 - 900\PF893\FL-853\FL-853-4.DWG

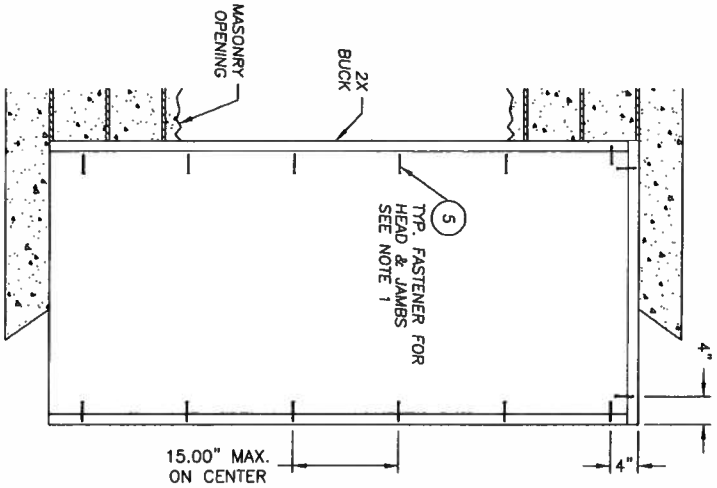


HINGE DETAIL

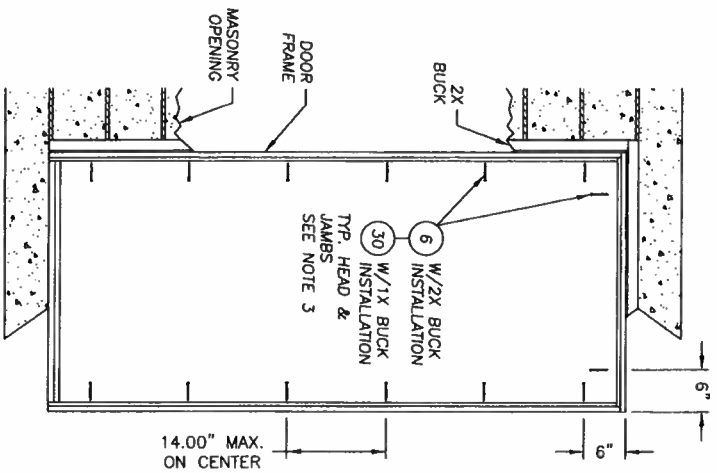
HINGES (3) LOCATED @ 9.46", 40.71" AND 71.965" FROM TOP OF FRAME TO CENTER LINE OF HINGE.



STRIKE PLATE DETAIL



BUCK ANCHORING



FRAME ANCHORING

NOTES:

1. 3/16" TAPCONS REQUIRE A MINIMUM 2" CLEARANCE TO MASONRY EDGES AND A MINIMUM 2-1/4" CLEARANCE TO ADJACENT TAPCONS.
2. 1/4" TAPCONS REQUIRE A MINIMUM 2-1/2" CLEARANCE TO MASONRY EDGES AND A MINIMUM 3" CLEARANCE TO ADJACENT TAPCONS.
3. WHEN ANCHORING DOOR FRAME UTILIZING A 1X BUCK THEN ITEM #6 IS SUBSTITUTED WITH ITEM #30 (1/4" X 3-3/4" ELCO ANCHOR). THE QUANTITY AND SPACING OF ANCHORS DOES NOT CHANGE. SEE NOTE 2.

NO.	DATE	REVISIONS	BY

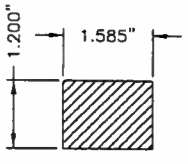
PRODUCT:
DISTINCTION SERIES 3'0" x 6'8" OPAQUE FIBERGLASS DOOR INSWING / OUTSWING

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

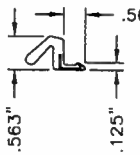
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158

DATE: 01/13/06
SCALE: N.T.S.
DWG. BY: ADM
CHK. BY: WWH
DRAWING NO.: FL-853
SHEET 3 OF 4

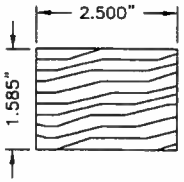
ITEM	DESCRIPTION	MATERIAL
1	MASONRY	CONC.
2	1X BUCK	WOOD
3	2X BUCK	WOOD
4	1/4" MAX. SHIM SPACE	WOOD
5	3/16" x 2-3/4" TAPCON	STEEL
6	#10 x 2-1/2" PFH WOOD SCREW	STEEL
7	3/16" x 2-1/4" TAPCON	STEEL
8	#9 x 3/4" PFH WOOD SCREW	STEEL
9	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
10	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
10A	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	VINYL
11	REINFORCEMENT WOOD FOR LOCKS	WOOD
12	FINGER JOINTED PINE JAMB	WOOD
13	#9 x 2-1/4" PFH WS	STEEL
14	BOTTOM RAIL	FOAM PVC
15	INSWING ADJUSTABLE THRESHOLD BY ENDURA	AL./WOOD
15A	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	AL./WOOD
16	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
16A	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM
17	KWIKSET KEYED ENTRY GRADE 2	STEEL
18	KWIKSET DEADBOLT GRADE 2	STEEL
19	NOT USED	-
20	POLYURETHANE FOAM BY NANYA	FOAM
21	4" x 4" BUTT HINGE	STEEL
22	#8 x 2" PFH WOOD SCREW	STEEL
23	POLY FIBER JAMB	COMP. / VINYL
24	HINGE & LATCH STILE	FOAM PVC
25	TOP RAIL	FOAM PVC
26	NOT USED	-
27	STRIKE PLATE	STEEL
28	OUTSWING BUMP THRESHOLD	ALUM.
29	HINGE & LATCH STILE REINFORCEMENT	LVL
30	1/4" x 3-3/4" TAPCON	STEEL
31	#9 x 1" PFH WOOD SCREW	STEEL



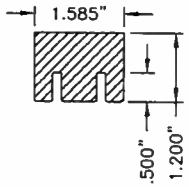
25 TOP RAIL



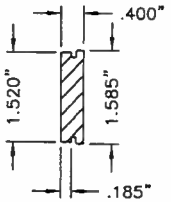
16 WEATHER STRIP
16A



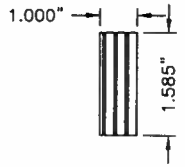
11 REINFORCEMENT WOOD FOR LOCK



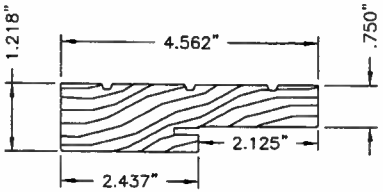
14 BOTTOM RAIL



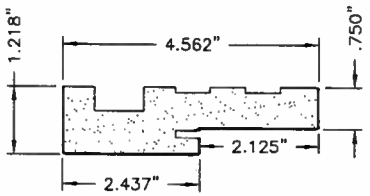
24 HINGE & LATCH STILE



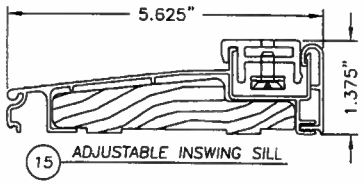
29 HINGE & LATCH STILE REINFORCEMENT



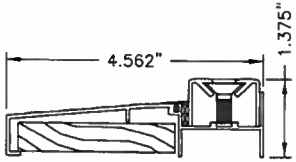
12 JAMB



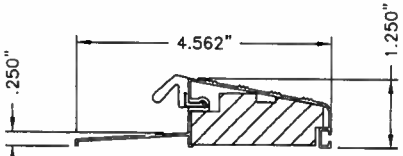
23 POLY FIBER JAMB



15 ADJUSTABLE INSWING SILL



15A ADJUSTABLE INSWING SILL



28 OUTSWING BUMP THRESHOLD

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

PRODUCT: DISTINCTION SERIES 3'0" x 6'8" OPAQUE FIBERGLASS DOOR INSWING / OUTSWING

PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	REVISIONS	BY

DATE: 01/13/06
SCALE: N.T.S.
DWG. BY: ABM
CHK. BY: WWH
DRAWING NO.: FL-853
SHEET 4 OF 4

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R W B C
R W Building Consultants, Inc.
Consulting and Engineering Services for the Building Industry
P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197 Facsimile 813.754.9989
Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.:	FL 6184.1
Date:	February 20, 2006
Product Category:	Exterior Doors
Product sub-category:	Swinging Exterior Door Assemblies
Product Name:	Distinction Series 3'0" x 6'8" Opaque Single Fiberglass Door Inswing / Outswing
Manufacturer:	Nan Ya Plastics Corporation Plastpro Inc. 9 Peach Tree Hill Road Livingston, NJ 07039 Phone: 800-779-0561 Facsimile: 973-758-4001

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Nan Ya Plastics Corporation, Plastpro Inc. based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the Florida Building Code (2004 Edition) and where pressure requirements, as determined by Chapter 16 of The Florida Building Code, do not exceed the following design pressures:

Design Pressure Rating:

Maximum Design Pressure Rating (See Limitations for size restrictions)	Positive 65.0 PSF	Negative 70.0 PSF

See Drawing No.: FL 853 prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.

Wendell W. Haney, P.E.
FL No. 54158
February 20, 2006

Limitations

1. The Distinction Series 3'0" x 6'8" Single Opaque Fiberglass Door Inswing / Outswing has been evaluated and meets the requirements for use within the State of Florida excluding the "High Velocity Hurricane Zone".

2. When used in wind-borne debris regions this product complies with Section 1609.1.4 of the Florida Building Code as an Impact resistant product and does not require the use of an external impact resistant covering. This product does not meet the requirements for enhanced protection of essential facilities as defined in ASTM E1996.

3. This product is intended for use where Section R 314.2.4 of the Florida Building Code is applicable.

4. Size Limitations:

Configurations		MAX. Width	MAX. Height
Single	X	37.5"	82.0"

5. See Drawing # FL 853 for Design Pressure Ratings.

Wendell W. Haney, P.E.
FL No. 54158
February 20, 2006

Supporting Documents

A Drawing

1. Drawing No. FL 853 titled Distinction Series 3'0" x 6'8" Single Opaque Fiberglass Door Inswing / Outswing prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813), signed and sealed by Wendell W. Haney, P.E.

B Tests Performed

1. Testing per ASTM E330-02, ASTM E1886/E1996-02, and ASTM E283-91 as performed by Testing Evaluation Laboratories Inc., and reported in test report number TEL 2004-09-24-028, dated September 30, 2004, and signed and sealed by Wendell W. Haney, P.E.

C Calculations

1. Product anchoring is in accordance with manufacturer's published recommendations as substantiated by tested specimens reported in test report number TEL 2004-09-24-028.

2. Buck anchor analysis for loading conditions, prepared, signed and sealed by Wendell W. Haney, P.E.

D Other

1. Certificate of Participation issued by National Accreditation & Management Institute, Inc., certifying that Nan Ya Plastics Corporation, Plastpro Inc is manufacturing products within a quality assurance program.

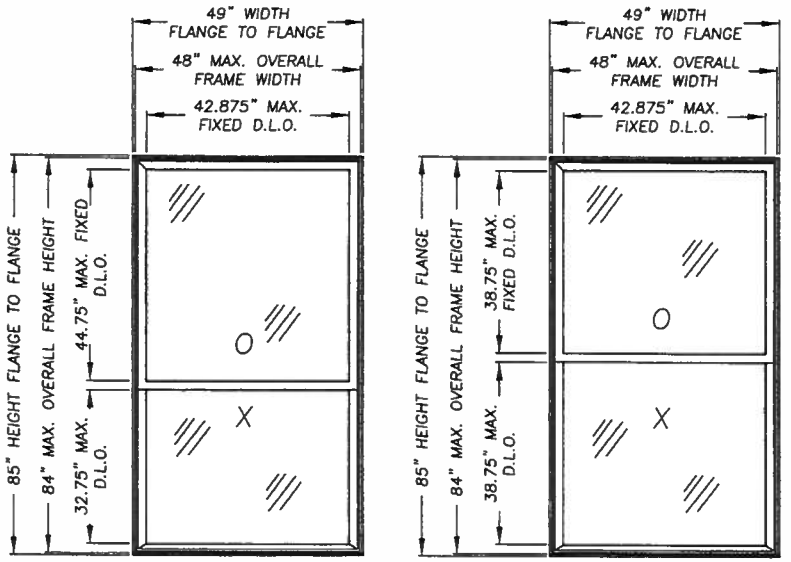
Wendell W. Haney, P.E.
FL No. 54158
February 20, 2006

FL 3878

SilverLINE
BUILDING PRODUCTS CORP.

1 SILVERLINE DRIVE NORTH BRUNSWICK, NJ 08902 PH. 732.435.1000

2900 SERIES, MODEL 2900 EXTRUDED VINYL SINGLE HUNG WINDOW



GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 2004 FLORIDA BUILDING CODE EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN AREAS REQUIRING WIND-BORNE DEBRIS PROTECTION THIS PRODUCT IS REQUIRED TO BE PROTECTED WITH AN IMPACT RESISTANT COVERING THAT COMPLIES WITH SECTION 1609.1.4 OF THE FLORIDA BUILDING CODE.
4. FOR 2X STUD FRAMING CONSTRUCTION, ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.
5. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.

TABLE OF CONTENTS

OVERALL FLANGE DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE POS.	DESIGN PRESSURE NEG.
49.0" x 85.0"	48.0" x 84.0"	(O) 42.875" x 45.00" (X) 42.875" x 33.00" (ORIEL)	1/8" ANNEALED AIR 1/8" ANNEALED	+30.0	-30.0
		(O) 42.875" x 39.00" (X) 42.875" x 39.00" (STANDARD)			
45.0" x 63.0"	44.0" x 62.0"	(O) 38.875" x 28.00" (X) 38.875" x 28.00"	1/8" ANNEALED AIR 1/8" ANNEALED	+45.0	-45.0
37.0" x 75.0"	36.0" x 74.0"	(O) 30.875" x 34.00" (X) 30.875" x 34.00"	1/8" ANNEALED AIR 1/8" ANNEALED	+50.0	-50.0
39.0" x 61.0"	38.0" x 60.0"	(O) 32.875" x 27.00" (X) 32.875" x 27.00"	1/8" ANNEALED AIR 1/8" ANNEALED	+50.0	-50.0

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

PRODUCT: SILVERLINE BUILDING PRODUCTS 2900 SERIES MODEL 2900 SINGLE HUNG WINDOW
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

NO	DATE	REVISIONS	BY
2	06/05/06	REVISE 1X INSTALLATION	EW
1	7/26/05	REVISE TO 2004 FBC	EW

DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-412
SHEET 1 OF 5

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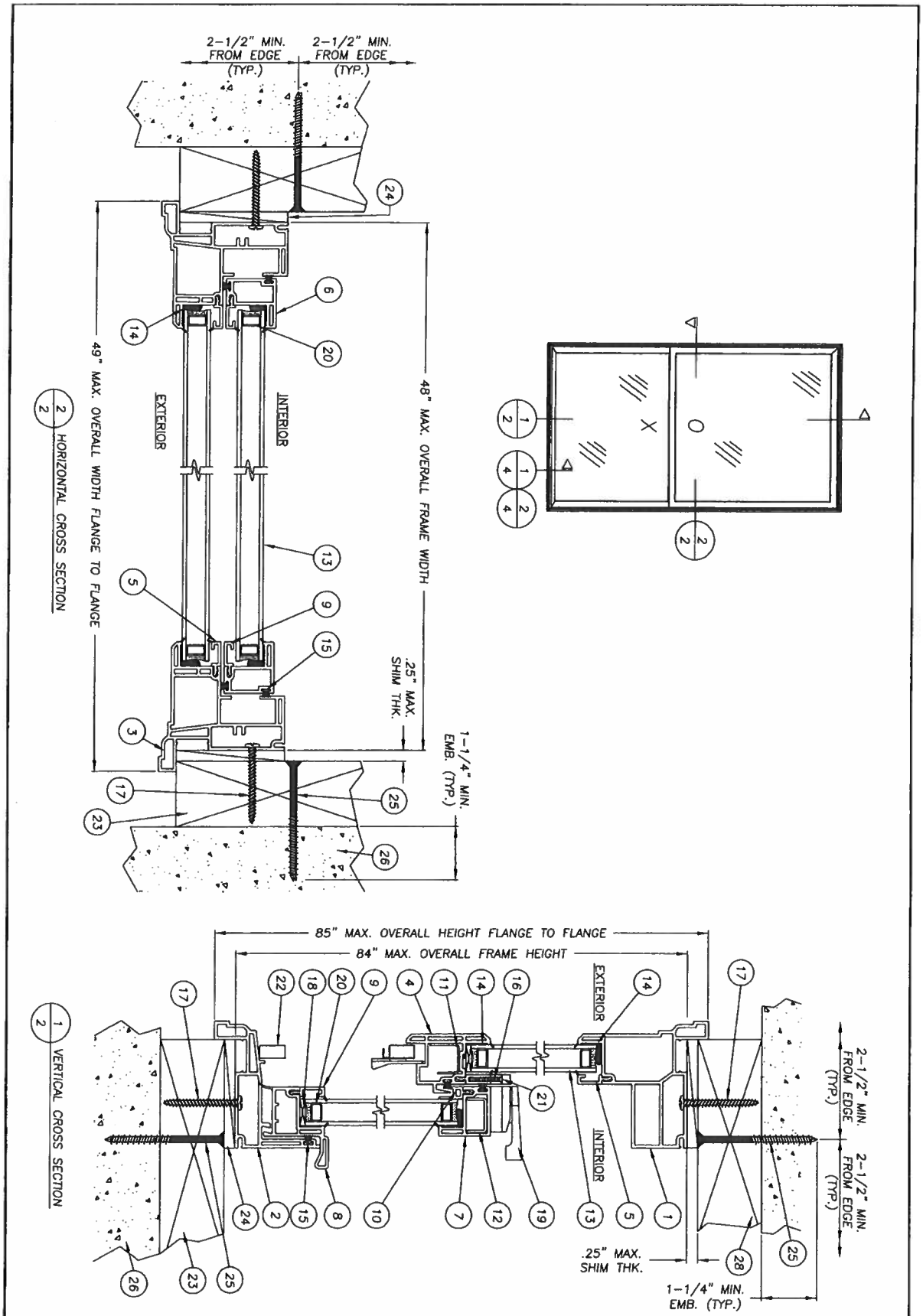

SHEET 2 OF 5	DRAWING NO.: FL-412	CHK. BY: WWH	DWG. BY: EW	SCALE: N.T.S.	DATE: 12/27/04

NO.	DATE	REVISIONS	BY
2	06/05/06	REVISE 1X INSTALLATION	EW
1	7/26/05	REVISE TO 2004 FBC	EW

PRODUCT:
SILVERLINE BUILDING PRODUCTS
2900 SERIES MODEL 2900
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS W/2X BUCK

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158
6-21-06

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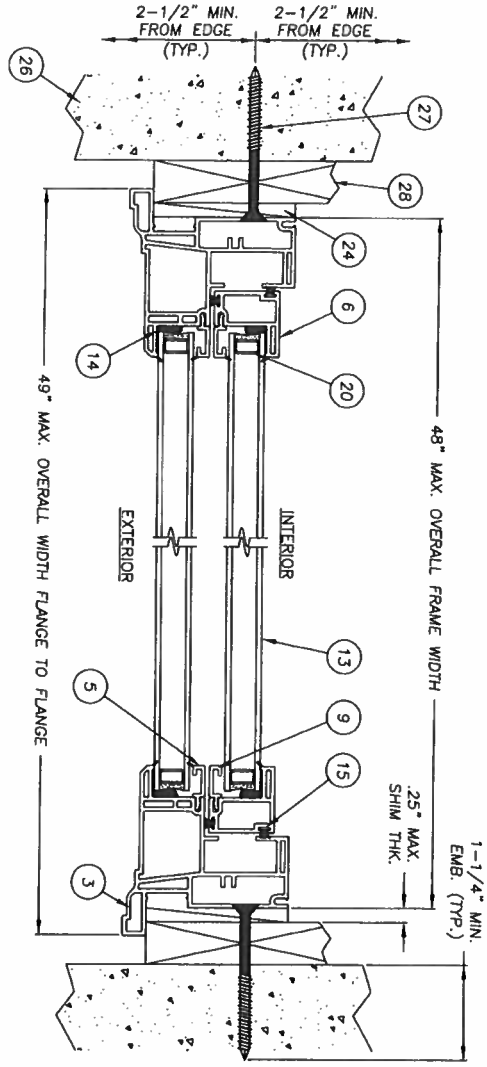
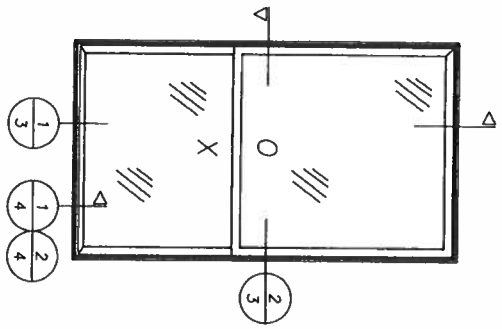
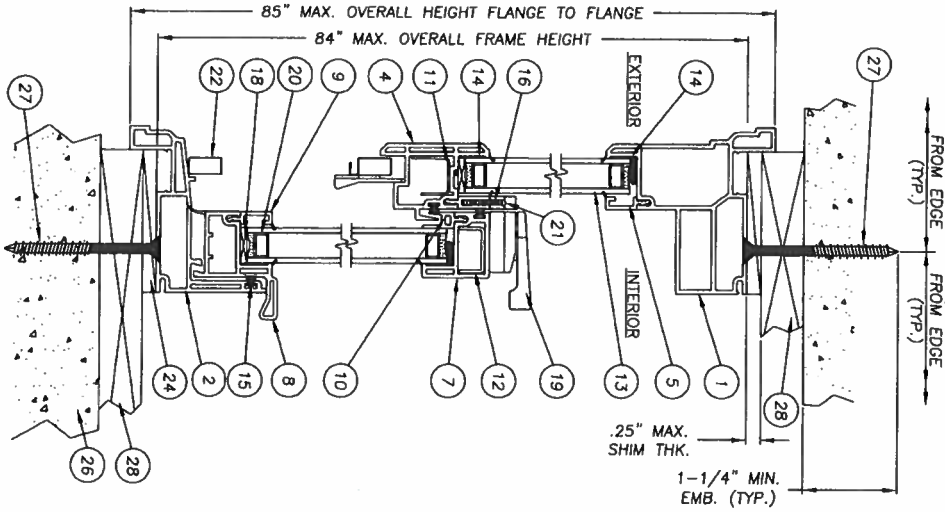


2/3 VERTICAL CROSS SECTION
SHOWN W/1X SUB-BUCK SUBSTITUTING CONCRETE SCREWS FOR SCREWS PER SECTION 1714.5.4.2 OF THE FLORIDA BUILDING CODE.





1/3 VERTICAL CROSS SECTION
SHOWN W/1X SUB-BUCK SUBSTITUTING CONCRETE SCREWS FOR SCREWS PER SECTION 1714.5.4.2 OF THE FLORIDA BUILDING CODE.

NO.	DATE	REVISIONS	BY
2	06/05/06	REVISE 1X INSTALLATION	EW
1	7/26/05	REVISE TO 2004 FBC	EW

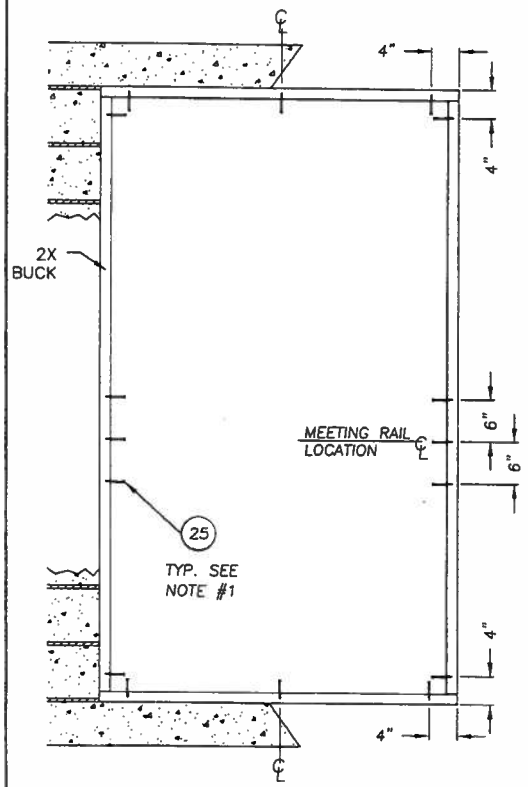
DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: EW
CKD. BY: WWH
DRAWING NO.: FL-412
SHEET 3 OF 5

PRODUCT:
SILVERLINE BUILDING PRODUCTS
2900 SERIES MODEL 2900
SINGLE HUNG WINDOW

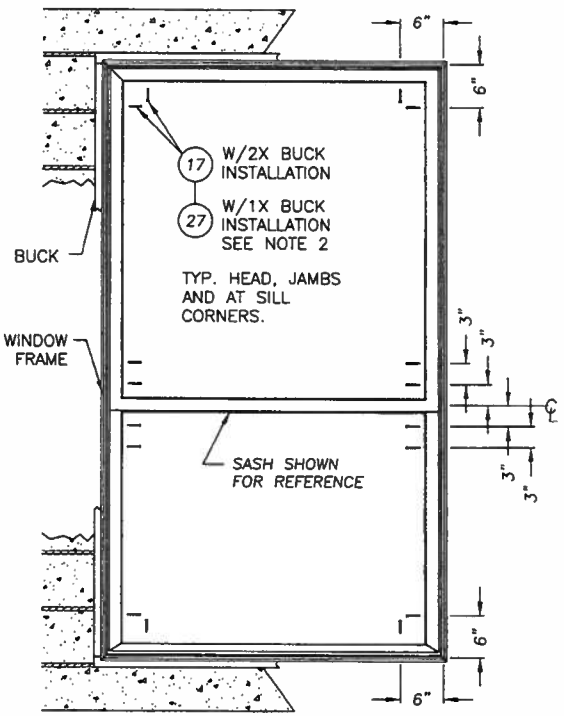
PART OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS W/1X BUCK

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

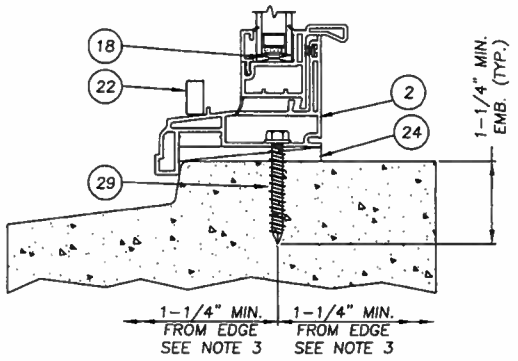
6-21-06



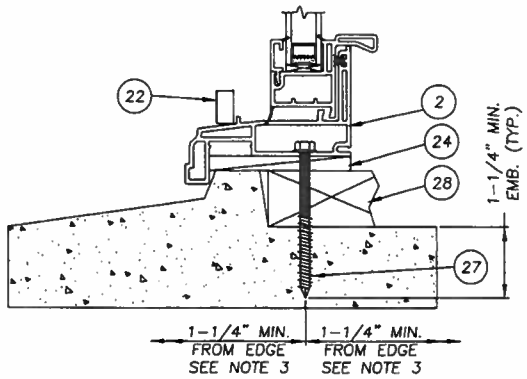
2X BUCK TO MASONRY ANCHORING



WINDOW FRAME TO BUCK ANCHORING



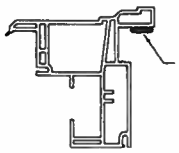
1/4 SECTION @ OPTIONAL MASONRY SILL



2/4 SECTION @ OPTIONAL MASONRY SILL

NOTES:

1. 3/16" TAPCONS REQUIRE A MINIMUM 2" CLEARANCE TO MASONRY EDGES AND A MINIMUM 2-1/4" CLEARANCE TO ADJACENT TAPCONS.
2. 1/4" TAPCONS REQUIRE A MINIMUM 2-1/2" CLEARANCE TO MASONRY EDGES AND A MINIMUM 3" CLEARANCE TO ADJACENT TAPCONS.
3. FOR THE MASONRY SILLS SHOWN IN SECTIONS 1/4 AND 2/4, THE 1/4" TAPCON ANCHORING CAPACITY HAS BEEN DE-RATED FOR A 1-1/4" EDGE DISTANCE.



APPLY A GENEROUS BEAD OF COMMERCIAL GRADE CONSTRUCTION ADHESIVE TO THE BACK OF THE FLANGE AROUND THE FULL PERIMETER AS SHOWN.

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

PRODUCT: SILVERLINE BUILDING PRODUCTS 2900 SERIES MODEL 2900 SINGLE HUNG WINDOW

PART OR ASSEMBLY: BUCK & WINDOW ANCHORING

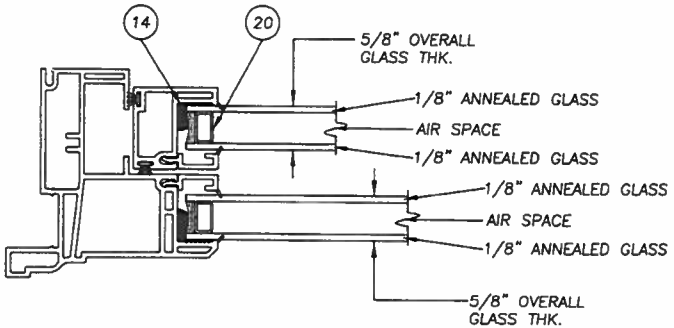
NO	DATE	REVISIONS	BY
2	06/05/06	REVISE 1X INSTALLATION	EW
1	7/26/05	REVISE TO 2004 FBC	EW

DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-412
SHEET 4 OF 5

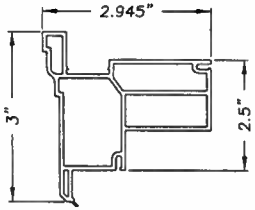
R:\Proj 901 - 1000\1#980\FL-412 REV2\FL-412-4.DWG

ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED VINYL PVC WINDOW HEADER #2902 *	VINYL
2	EXTRUDED VINYL PVC SILL #2903 *	VINYL
3	EXTRUDED VINYL PVC JAMB #2901 *	VINYL
4	EXTRUDED VINYL PVC WINDOW MEETING RAIL #2907 *	VINYL
5	EXTRUDED VINYL PVC WINDOW FRAME GLAZING BEAD #2317 *	VINYL
6	EXTRUDED VINYL PVC SASH STILES #2905 *	VINYL
7	EXTRUDED VINYL PVC SASH TOP RAIL (LOCK) #2908 *	VINYL
8	EXTRUDED VINYL PVC SASH LIFT RAIL (BOTTOM) #2909 *	VINYL
9	EXTRUDED VINYL PVC SASH GLAZING BEAD #2217 *	VINYL
10	EXTRUDED VINYL PVC SASH INTERLOCK GLAZING BEAD #3557 *	VINYL
11	ROLL FORMED STEEL MEETING RAIL REINFORCEMENT #2919	STEEL
12	ROLL FORMED STEEL TOP RAIL REINFORCEMENT #2821	STEEL
13	5/8" INSULATED ANNEALED GLASS 1/8" ANNEALED – AIR – 1/8" ANNEALED	GLASS
14	GLAZING COMPOUND DOW #1199 SILICONE	SILICONE
15	WEATHERSTRIP .240" x .187" BACK PILE W/CENTER FIN	PILE
16	KEEPER BY SILVERLINE #2240	VINYL
17	#10 x 1-3/4" PPH SHEET METAL SCREW	STEEL
18	GLASS SETTING BLOCK	VINYL
19	SASH LOCK BY SILVERLINE #2241	STEEL
20	METAL GLAZING SPACER	STEEL
21	KEEPER ATTACHMENT SCREW #6 x 3/4" PFH TYPE "A" ZINC PLATED	STEEL
22	WINDOW SCREEN	–
23	2X BUCK	WOOD
24	1/4" SHIM	WOOD
25	3/16" x 2-3/4" TAPCON	STEEL
26	MASONRY	CONCRETE
27	1/4" x 2-3/4" TAPCON	STEEL
28	1X BUCK	WOOD
29	1/4" x 1-3/4" HWH TAPCON	STEEL

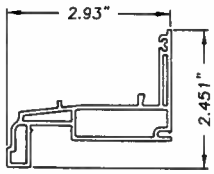
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



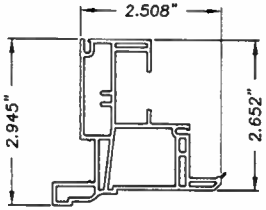
13 GLAZING DETAIL



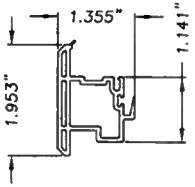
1 PVC HEADER



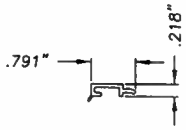
2 PVC SILL



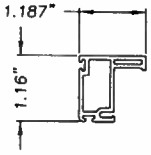
3 PVC JAMB



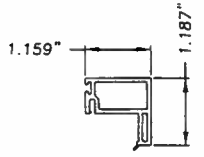
4 PVC MEETING RAIL



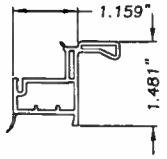
5 9 PVC GLAZING BEAD



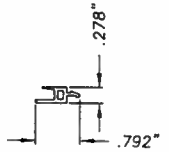
6 PVC STILE



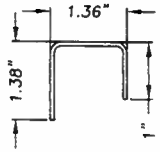
7 PVC TOP RAIL



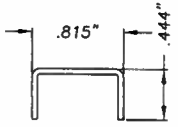
8 PVC BOTTOM LIFT RAIL



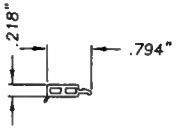
10 PVC GLAZING BEAD



11 MEETING RAIL REINF.



12 LOCK RAIL REINF. GALVANIZED STEEL



16 PVC GLAZING BEAD (KEEPER)

Documents Prepared By:
R W BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9913
Wendell W. Varney, P.E. No. 54158
6-21-06

PRODUCT:
SILVERLINE BUILDING PRODUCTS
2900 SERIES MODEL 2900
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BILL OF MATERIAL, GLAZING DETAIL & COMPONENTS

NO	DATE	REVISIONS	BY
1	06/05/06	REVISE 1X INSTALLATION	EW
1	7/26/06	REVISE TO 2004 FBC	EW

DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-412
SHEET 5 OF 5

R:\PROJ 701 - 1000\#9801\FL-412 REV2\FL-412-5.DWG

R W B C
R W Building Consultants, Inc.
Consulting and Engineering Services for the Building Industry
P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197 Facsimile 813.754.9989
Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.:	FL 4065.1 R2
Date:	June 6, 2006
Product Category:	Windows
Product sub-category:	Single Hung
Product Name:	2900 Series – Model 2900 Extruded Vinyl Single Hung Window
Manufacturer:	Silverline Building Products Corporation One Silverline Drive North Brunswick, NJ 08902 Phone – 732.435.1000 Facsimile – 732.247.6820

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Silverline Building Products based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the Florida Building Code (2004 Edition) and where pressure requirements, as determined by Chapter 16 of The Florida Building Code, do not exceed the following design pressures:

Design Pressure Rating:

Maximum Design Pressure Rating (See Limitations for size restrictions)	Positive 50.0 PSF	Negative 50.0 PSF

See Drawing No.: FL 412 prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.

Wendell W. Haney, P.E.
FL No. 54158
June 6, 2006

Limitations

1. The Series 2900 – Model 2900 Extruded Vinyl Single Hung Window has been evaluated and meets the requirements for use within the State of Florida excluding the "High Velocity Hurricane Zone".

2. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.4 of the Florida Building Code.

3. Size Limitations:

Configurations		MAX. Width	MAX. Height
Single	X	49.0"	85.0"

4. See Drawing # FL-412 for Design Pressure Ratings.

Wendell W. Haney, P.E.
FL No. 54158
June 6, 2006

Supporting Documents

A Drawing

1. Drawing No. FL 412 titled Series 2900 – Model 2900 Extruded Vinyl Single Hung Window prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813) signed and sealed by Wendell W. Haney, P.E.

B Tests Performed

1. Testing per ANSI/AAMA/NWWDA 101 I.S.2 – 97 as performed by Architectural Testing Inc. and reported in test report number 01-36126.01, dated November 23, 1999, signed by Benjamin E. Myers.

2. Testing per ANSI/AAMA/NWWDA 101 I.S.2 – 97 as performed by Architectural Testing Inc. and reported in test report number 01-34805.01, dated March 8, 1999, signed by Bruce W. Croak.

3. Testing per ANSI/AAMA/NWWDA 101 I.S.2 – 97 as performed by Architectural Testing Inc. and reported in test report number 01-43155.01, dated January 6, 2003, signed by Joseph A. Reed, P.E.

4. Plastics testing (Extrusion) in accordance with the "High Velocity Hurricane Zone" substantiated by Issuance of Miami-Dade Notice of Acceptance 03-1110.03, expiring August 15, 2007.

C Calculations

1. Product anchor analysis for loading conditions, prepared, signed, and sealed by Wendell W. Haney, P.E. and reported in test report numbers ATI 001-36126.01, ATI 01-34805.01 and ATI 01-43155.01.

2. Buck anchor analysis for loading conditions, prepared, signed and sealed by Wendell W. Haney, P.E.

3. Glass Load Resistance Report ASTM E1300-02 prepared by Wendell W. Haney, P.E.

D Other

1. Certificate of Participation issued by National Accreditation & Management Institute, Inc., certifying that Silverline Building Products Corporation is manufacturing products within a quality assurance program.

Wendell W. Haney, P.E.
FL No. 54158
June 6, 2006

FL 5600

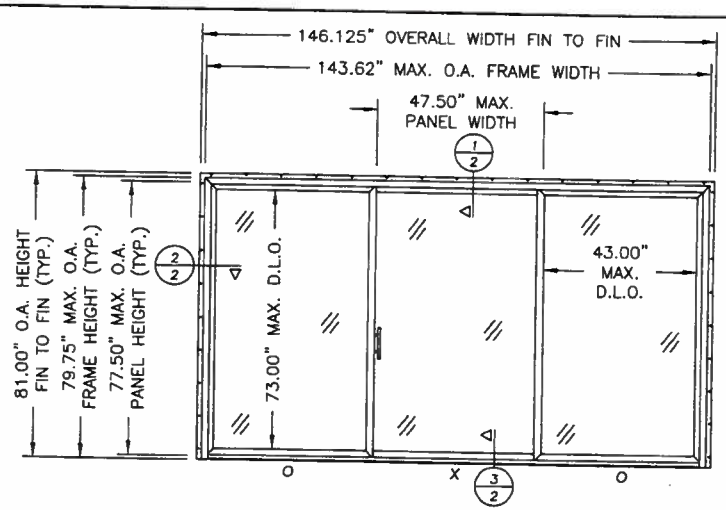
SilverLINE
BUILDING PRODUCTS CORP.
1 SILVERLINE DRIVE NORTH BRUNSWICK, NJ 08902 PH. 732.435.1000

"SERIES 5500 / 5600 / 5700" SLIDING PATIO DOOR EXTRUDED VINYL WITH NAILING FIN

GENERAL NOTES

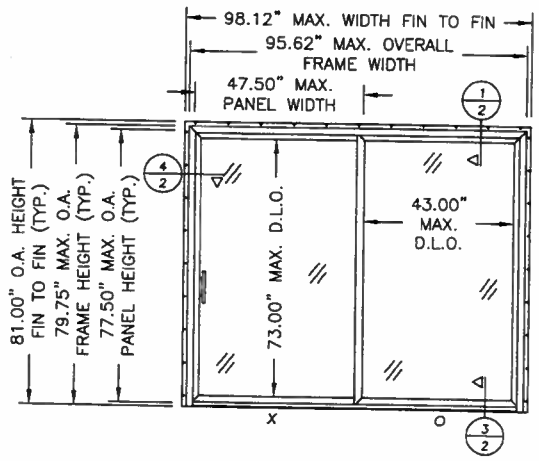
1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN AREAS REQUIRING WIND-BORNE DEBRIS PROTECTION THIS PRODUCT IS REQUIRED TO BE PROTECTED WITH AN IMPACT RESISTANT COVERING THAT COMPLIES WITH SECTION 1609.1.4 OF THE FLORIDA BUILDING CODE.
4. FOR 2X STUD FRAMING CONSTRUCTION, ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.
5. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.

TABLE OF CONTENTS



SINGLE w/2 FIXED LITES

DESIGN PRESSURE (PSF)	
+35.0	-35.0



SINGLE w/FIXED LITE

DESIGN PRESSURE (PSF)	
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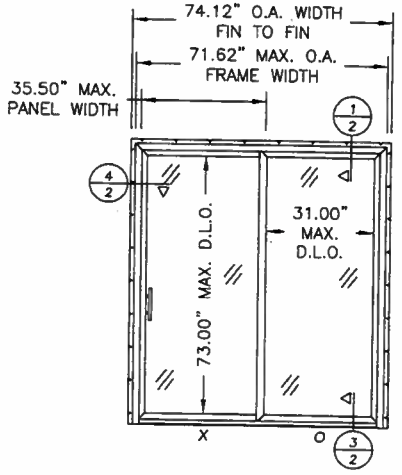

SINGLE w/FIXED LITE

DESIGN PRESSURE (PSF)	
+35.0	-39.0

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Money, P.E. No. 54158
10/27/05

PRODUCT: SILVERLINE 5500 / 5600 / 5700 WITH NAILING FIN EXTRUDED VINYL SLIDING PATIO DOORS
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS	BY
1	10/21/05	REVISED TO 2004 BUILDING CODE	AEM

DATE: 12/29/03
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: FL-143
SHEET 1 OF 4

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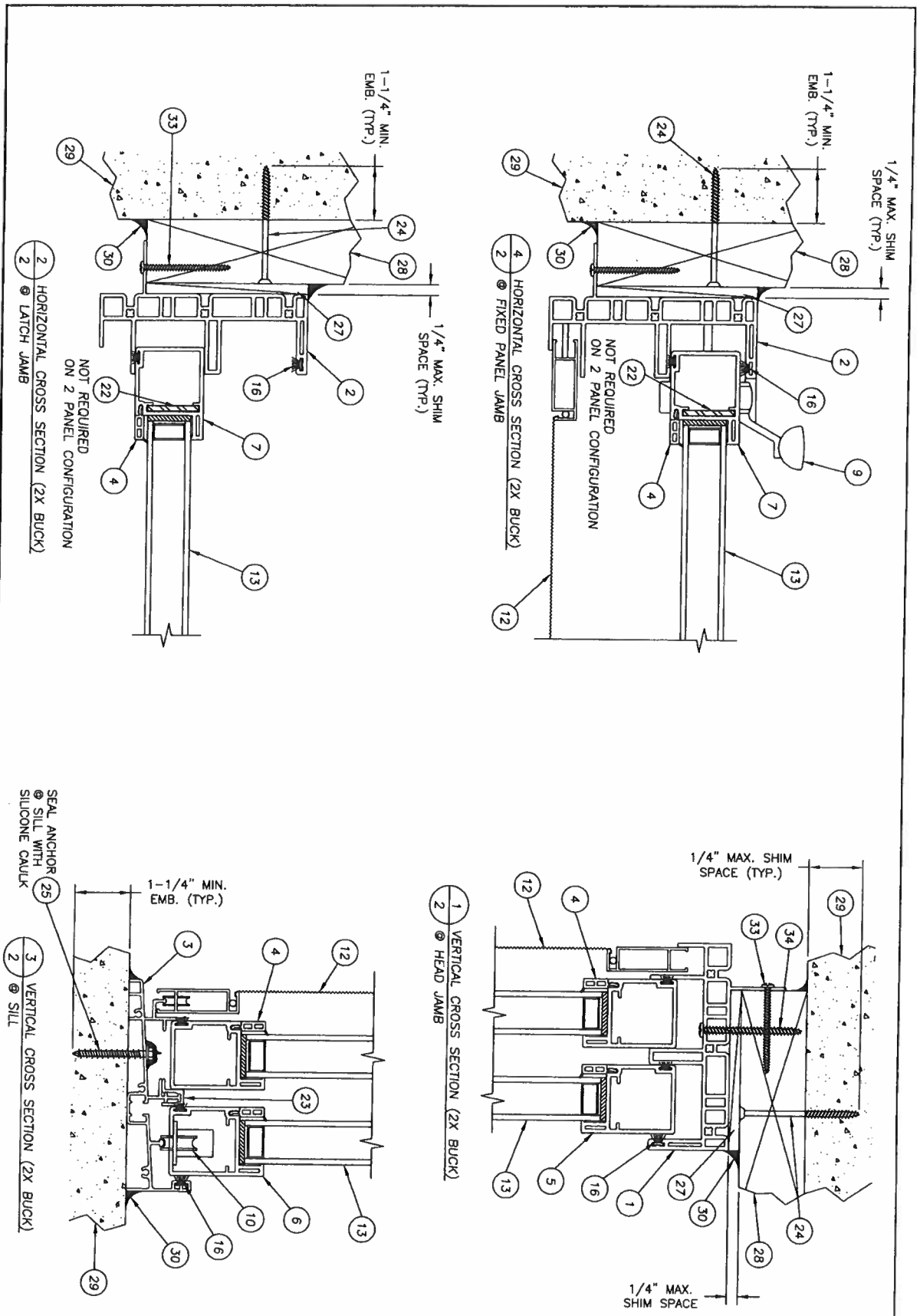
R:\PROJ 801 - 900\PF854\FL-143\FL-143-2.DWG



NO.	DATE	REVISIONS	BY
1	10/21/05	REVISED TO 2004 BUILDING CODE	AFM

DATE: 12/29/03
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: FL-143
SHEET 2 OF 4

PRODUCT:
SILVERLINE 5500 / 5600 / 5700 WITH NAILING FIN EXTRUDED VINYL SLIDING PATIO DOORS

PART OR ASSEMBLY:
~~HORIZONTAL & VERTICAL~~ CROSS SECTIONS

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

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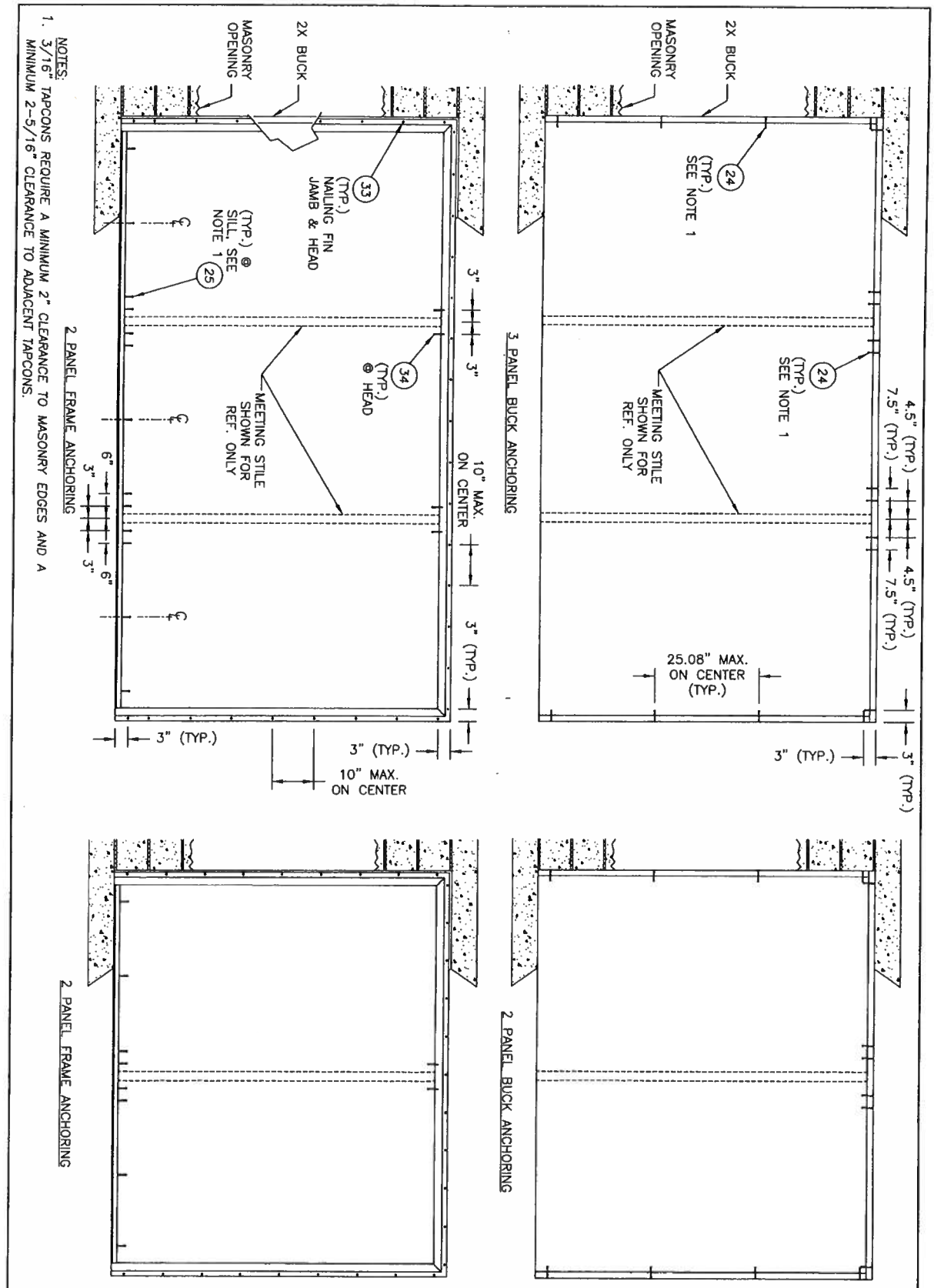


NOTES:
1. 3/16" TAPCONS REQUIRE A MINIMUM 2" CLEARANCE TO MASONRY EDGES AND A MINIMUM 2-5/16" CLEARANCE TO ADJACENT TAPCONS.

NO.	DATE	REVISIONS	BY
1	10/21/05	REVISED TO 2004 BUILDING CODE	AEM

DATE: 12/29/03
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: FL-143
SHEET 3 OF 4

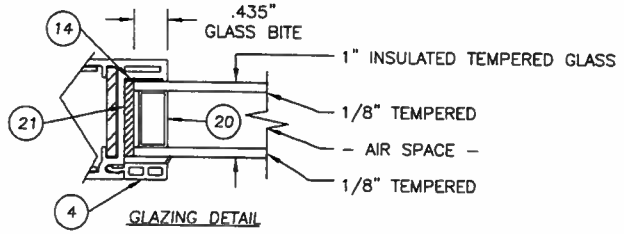
PRODUCT:
SILVERLINE 5500 / 5600 / 5700 WITH NAILING FIN EXTRUDED VINYL SLIDING PATIO DOORS

PART OR ASSEMBLY:
~~BUCK & FRAME~~ ANCHORING

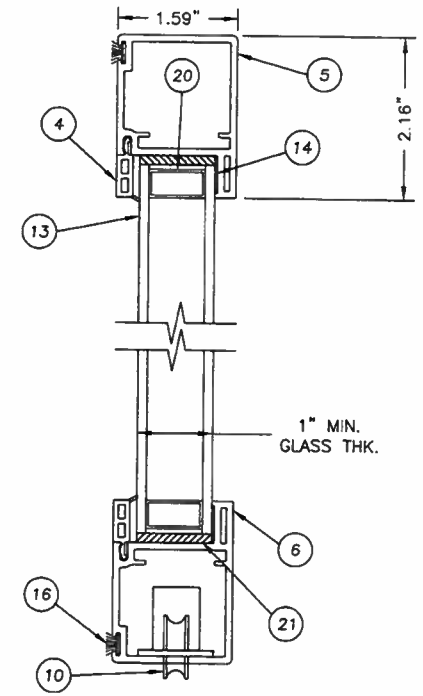
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158

ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED PVC .090" MAIN FRAME HEAD #5551 BY SILVERLINE*	PVC
2	EXTRUDED PVC .090" MAIN FRAME JAMB #5551 BY SILVERLINE*	PVC
3	EXTRUDED PVC .090" SILL #5503 BY SILVERLINE*	PVC
4	EXTRUDED PVC .060" GLAZING BEAD #2317 BY SILVERLINE*	PVC
5	EXTRUDED PVC .090" PANEL TOP RAIL #5504 BY SILVERLINE*	PVC
6	EXTRUDED PVC .090" PANEL BOTTOM RAIL #5504 BY SILVERLINE*	PVC
7	EXTRUDED PVC .090" PANEL LOCK STILES #5504 BY SILVERLINE*	PVC
8	EXTRUDED PVC .090" ACTIVE PANEL INTERLOCK STILE #5508 BY SILVERLINE*	PVC
9	SLIDING PATIO DOOR HANDLE LOCK SET, HANDLE #C731, LOCK #537	–
10	SLIDING PATIO DOOR ROLLER ASSEMBLY #11-1935-6876 BY BUILDERS H.W.	–
11	FIXED LITE RETAINING CLIP PLASTIC #5515 BY SILVERLINE	PLASTIC
12	ROLLING PATIO DOOR SCREEN	–
13	GLAZING 1" INSULATED TEMPERED GLASS 1/8" TEMPERED – 3/4" AIR – 1/8" TEMPERED	GLASS
14	GLAZING COMPOUND (DOW #1199)	SILICONE
15	INTERLOCK STILE STEEL REINFORCEMENT .050" #5535 BY SILVERLINE	STEEL
16	WEATHER STRIP PILE .270 x .220, PANEL STILES & RAILS (ULTRAFAB)	PILE
17	#8A x 2" PFH ZINC PLATED SCREW FRAME CORNERS HEAD	STEEL
18	EXTRUDED PVC .090" FIXED PANEL INTERLOCK STILE #5507 BY SILVERLINE*	PVC
19	#8A x 1 1/2" PFH ZINC PLATED SCREW PANEL CORNERS SILL	STEEL
20	GLASS METAL SPACER	–
21	GLAZING SHIM	–
22	STEEL STILE REINFORCEMENT .125" #5516 BY SILVERLINE	STEEL
23	EXTRUDED ALUMINUM SILL COVER	ALUM.
24	3/16" X 2-3/4" TAPCON	STEEL
25	3/16" X 1-3/4" H.H. TAPCON	STEEL
26	#10 X 2-1/4" PPH SMS	STEEL
27	1/4" MAX. SHIM	WOOD
28	2X BUCK	WOOD
29	MASONRY	CONCRETE
30	CAULK	SILICONE
31	3/16" X 3-1/4" H.H. TAPCON	STEEL
32	1X BUCK	WOOD
33	#8 X 2" PPH SMS	STEEL
34	#10 X 2-1/2" PPH SMS	STEEL

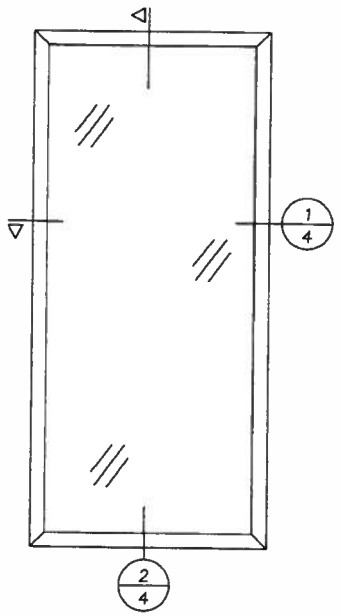
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



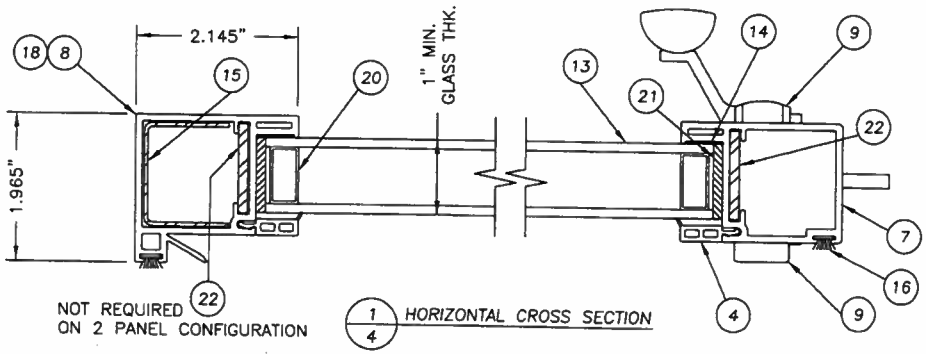
GLAZING DETAIL



2/4 VERTICAL CROSS SECTION



PANEL ELEVATION



NOT REQUIRED ON 2 PANEL CONFIGURATION

1/4 HORIZONTAL CROSS SECTION

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Jones, P.E. No. 54158
10/27/05

PRODUCT: SILVERLINE 5500 / 5600 / 5700 WITH NAILING FIN EXTRUDED VINYL SLIDING PATIO DOORS
PART OR ASSEMBLY: BILL OF MATERIALS & PANEL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
1	10/21/05	REVISED TO 2004 BUILDING CODE	AEM

DATE: 12/29/04
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: FL-143
SHEET 4 OF 4

R:\PROJ 801 - 900\VIP854\FL-143\FL-143-4.DWG

R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197 Facsimile 813.754.9989

Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.:	FL 5600.2
Date:	October 21, 2005
Product Category:	Exterior Doors
Product sub-category:	Sliding
Product Name:	5500/5600/5700 Patio Doors w/ Fin
Manufacturer:	Silverline Building Products Corporation 1 Silverline Drive North Brunswick, NJ 08902 Phone: 732.435.1000 Facsimile: 732.247.6820

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Silverline Building Products based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the Florida Building Code (2004 Edition) and where pressure requirements, as determined by Chapter 16 of The Florida Building Code, do not exceed the following design pressures:

Design Pressure Rating:

Maximum Design Pressure Rating (See Limitations for size restrictions)	Positive 35.0 PSF	Negative 39.0 PSF

See Drawing No.: FL-143 prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.

Wendell W. Haney, P.E.
(FL # 54158)
November 29, 2005

Limitations

1. The 5500/5600/5700 Nailing Fin Units Extruded Vinyl Sliding Patio Doors have been evaluated and meets the requirements for use within the State of Florida excluding the "High Velocity Hurricane Zone".

2. When used in areas requiring windborne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.4 of the Florida Building Code 2004.

3. Size Limitations:

Configurations		MAX. Width	MAX. Height
Single w/ Fixed Lite	XO	74.125"	81.0"
Single w/ Fixed Lite	XO	98.125"	81.0"
Single w/ 2 Fixed Lites	OXO	146.125"	81.0"

4. The Design Pressure Rating for the various size units are as follows:

Configurations		Size	Positive PSF	Negative PSF
Single w/ Fixed Lite	XO	74.125" x 81.0"	+ 35.0	- 39.0
Single w/ Fixed Lite	XO	98.125" x 81.0"	+ 35.0	- 35.0
Single w/ 2 Fixed Lites	OXO	146.125" x 81.0"	+ 35.0	- 35.0

Wendell W. Haney, P.E.
(FL # 54158)
November 29, 2005

Supporting Documents

A Drawing

1. Drawing No. FL-143 titled Silverline 5500/5600/5700 Nailing Fin Units Extruded Vinyl Sliding Patio Doors prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813), signed and sealed by Wendell W. Haney, P.E.

B Test

1. Testing per AAMA / NWWDA 101/I.S. 2-97 as performed by Architectural Testing Inc. and reported in test report number 01-34723.05, dated May 1, 2000, signed by Bruce W. Croak, Director - Product/Physical Testing.

2. Testing per AAMA / NWWDA 101/I.S. 2-97 as performed by Architectural Testing Inc. and reported in test report number 01-39202.01, dated May 14, 2001, signed by Allen N. Reeves, P.E.

3. Plastics testing in accordance with the "High Velocity Hurricane Zone" substantiated by Issuance of Miami-Dade Notice of Acceptance 03-0523.01, expiring August 15, 2007

C Calculations

1. Product anchoring is in accordance with manufacturer's published recommendations as substantiated by tested specimens reported in test report # 01-34723.05 and 01-39202.01.

2. Buck anchor analysis for loading conditions, prepared, signed and sealed by Wendell W. Haney, P.E.

3. Glass Load Resistance Report ASTM E1300-02 prepared by Wendell W. Haney, P.E.

D Other

Certificate of Participation issued by National Accreditation & Management Institute, Inc., certifying that Silverline Building Products, North Brunswick, NJ is manufacturing products within a quality assurance program.

Wendell W. Haney, P.E.
(FL # 54158)
November 29, 2005

MiTek®
POWER TO PERFORM.™

RE: 0456 - 0 0

MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO 63017-5746

Site Information:
Project Customer: PENNYWORTH Project Name: RODRIGUEZ
Lot/Block: Subdivision:
Address: 258 SE ADAMS ST
City: HIGH SPRINGS State: FLORIDA

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

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2004/TPI2002 Design Program: MiTek 20/20 6.5
Wind Code: ASCE 7-02 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 21 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	I12260845	CJ9	6/18/07	18	I12260862	J7	6/18/07
2	I12260846	H1	6/18/07	19	I12260863	T1	6/18/07
3	I12260847	H10	6/18/07	20	I12260864	T2	6/18/07
4	I12260848	H11	6/18/07	21	I12260865	I12260845	6/18/07
5	I12260849	H12	6/18/07				
6	I12260850	H13	6/18/07				
7	I12260851	H2	6/18/07				
8	I12260852	H3	6/18/07				
9	I12260853	H4	6/18/07				
10	I12260854	H5	6/18/07				
11	I12260855	H6	6/18/07				
12	I12260856	H7	6/18/07				
13	I12260857	H8	6/18/07				
14	I12260858	H9	6/18/07				
15	I12260859	J	6/18/07				
16	I12260860	J2	6/18/07				
17	I12260861	J4	6/18/07				

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

Truss Design Engineer's Name: Redwanly, Gaby
My license renewal date for the state of Florida is February 28, 2009.

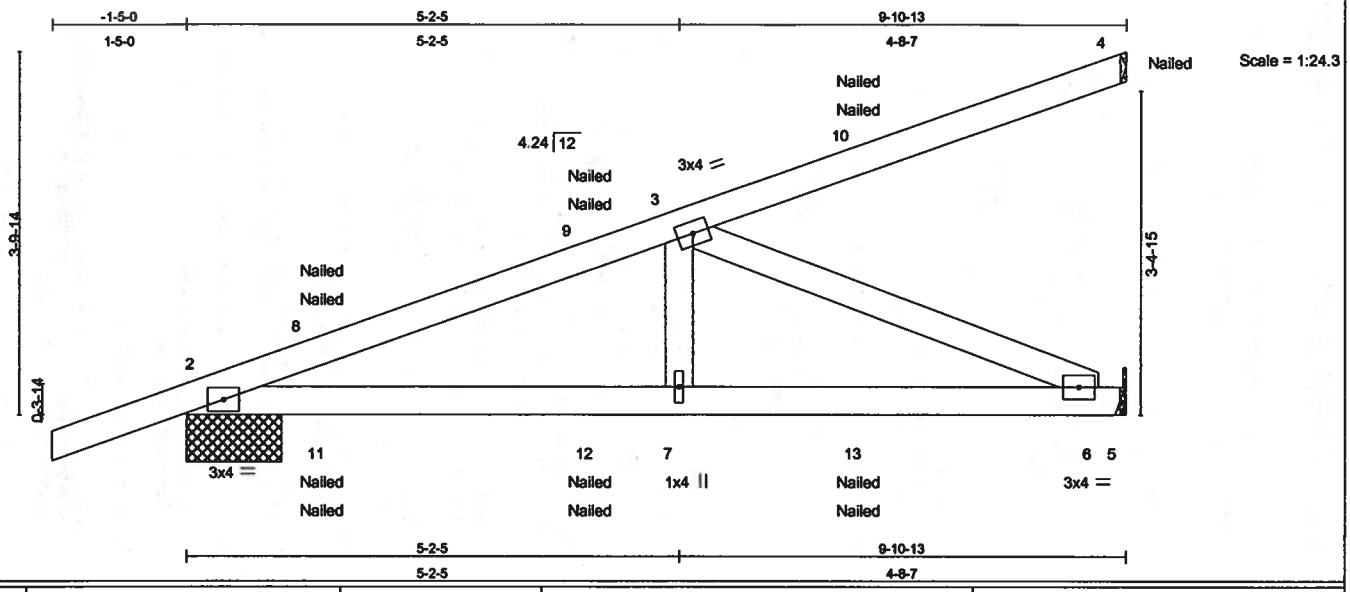
NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	CJ9	JACK	5	1	I12260845
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Thu Jun 14 15:40:46 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.04	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.11	6-7	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.34	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 42 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-7-1 oc bracing.

REACTIONS (lb/size) 4=151/Mechanical, 2=526/1-0-1, 5=339/Mechanical
Max Horz 2=231(LC 3)
Max Uplift4=-149(LC 3), 2=-245(LC 3), 5=-151(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/28, 2-8=-815/294, 8-9=-730/315, 3-9=-726/301, 3-10=-83/32, 4-10=-59/41
BOT CHORD 2-11=-416/719, 11-12=-416/719, 7-12=-416/719, 7-13=-416/719, 6-13=-416/719, 5-6=0/0
WEBS 3-7=0/336, 3-6=-781/451

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection of truss to bearing plate capable of withstanding 149 lb uplift at joint 4 and 151 lb uplift at joint 5.
6) One MTSM16 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.
7) N/A
8) "Nailed" indicates 3-16d (0.131"x3.5") toe-nails.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 9=13(F=7, B=7) 10=-126(F=-63, B=-63) 11=22(F=11, B=11) 12=-12(F=-6, B=-6) 13=-52(F=-26, B=-26)

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Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H1	HIP	1	2	I12260846

Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Thu Jun 14 15:26:32 2007 Page 1

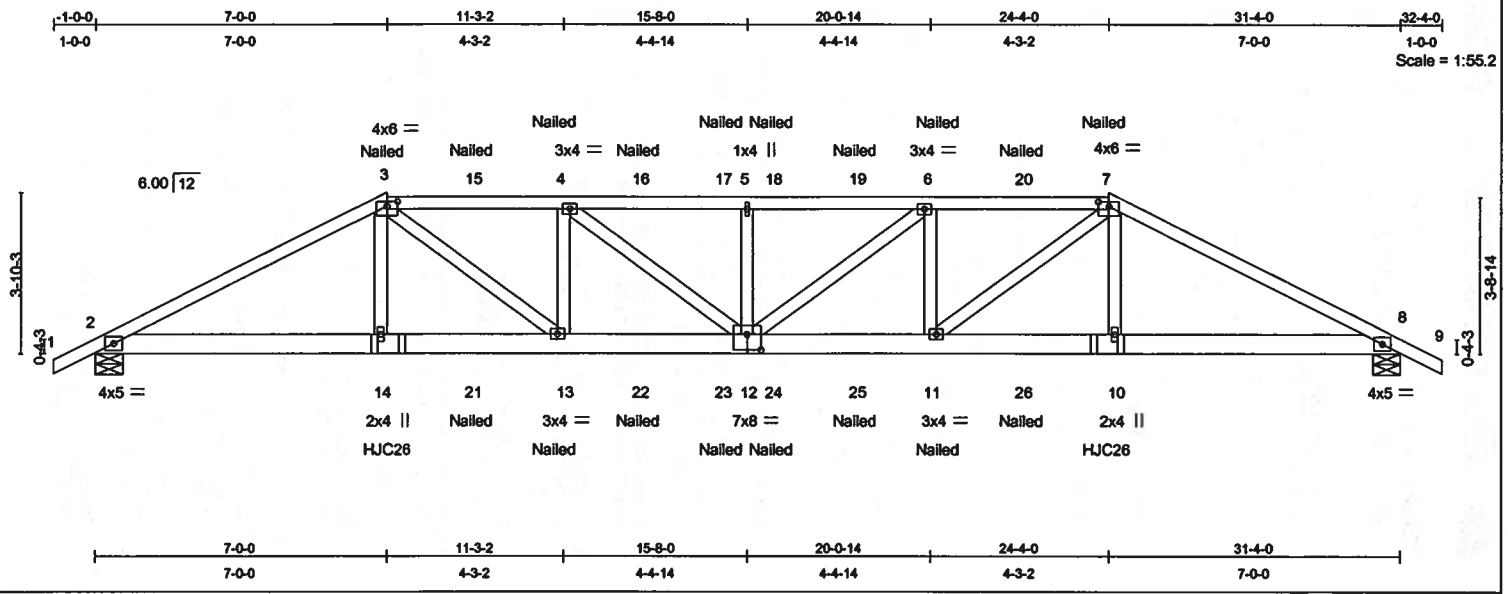

Plate Offsets (X,Y): [3:0-3-0,0-1-4], [7:0-3-0,0-1-4], [12:0-4-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	0.26	12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.41	12	>906	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.32	Horz(TL)	0.09	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 357 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-1-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-11-9 oc bracing.

REACTIONS (lb/size) 2=2716/0-8-0, 8=2716/0-8-0
Max Horz 2=84(LC 5)
Max Uplift2=-1622(LC 5), 8=-1622(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/30, 2-3=-5343/3129, 3-15=-6126/3734, 4-15=-6129/3735, 4-16=-6641/4039, 16-17=-6641/4039, 5-17=-6641/4039, 5-18=-6641/4039, 18-19=-6641/4039, 6-19=-6641/4039, 6-20=-6129/3735, 7-20=-6125/3734, 7-8=-5343/3129, 8-9=0/30
BOT CHORD 2-14=-2716/4677, 14-21=-2713/4654, 13-21=-2713/4654, 13-22=-3651/6127, 22-23=-3651/6127, 12-23=-3651/6127, 12-24=-3613/6127, 24-25=-3613/6127, 11-25=-3613/6127, 11-26=-2632/4654, 10-26=-2632/4654, 8-10=-2635/4677
WEBS 3-14=-81/661, 3-13=-1326/1987, 4-13=-1025/841, 4-12=-438/678, 5-12=-614/582, 6-12=-438/678, 6-11=-1025/841, 7-11=-1326/1987, 7-10=-81/661

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) One LGT2 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2 and 8.
9) Use Simpson Strong-Tie THJA26 (With 16d nails into Girder & 10d nails into Truss) or equivalent spaced at 17-3-4 oc max. starting at 7-0-6 from the left end to 24-3-10 to connect truss(es) J7 (1 ply 2 X 4 SYP), CJ9 (1 ply 2 X 4 SYP), J7 (1 ply 2 X 4 SYP), CJ9 (1 ply 2 X 4 SYP) to front face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.
11) "Nailed" indicates 3-16d (0.131"x3.5") toe-nails.
12) LGT2 Masonry Installation: 1/4" x 2-1/4" Titen screws shall be installed to fully grouted and reinforced concrete masonry (f'm=1500 psi at 28 days). Screws must be installed per manufacturer's installation instructions.

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FL Cert.#6634

June 18,2007

LOAD CASE(S) Standard

Continued on page 2

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-7=-60, 7-9=-60, 2-8=-20

Concentrated Loads (lb)

Vert: 3=-315(F) 7=-315(F) 14=-400(F) 13=-46(F) 4=-127(F) 6=-127(F) 11=-46(F) 10=-400(F) 15=-127(F) 16=-127(F) 17=-127(F) 18=-127(F) 19=-127(F) 20=-127(F) 21=-46(F) 22=-46(F) 23=-46(F) 24=-46(F) 25=-46(F) 26=-46(F)

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H10	SPECIAL	1	1	I12260847
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Thu Jun 14 15:44:59 2007 Page 1

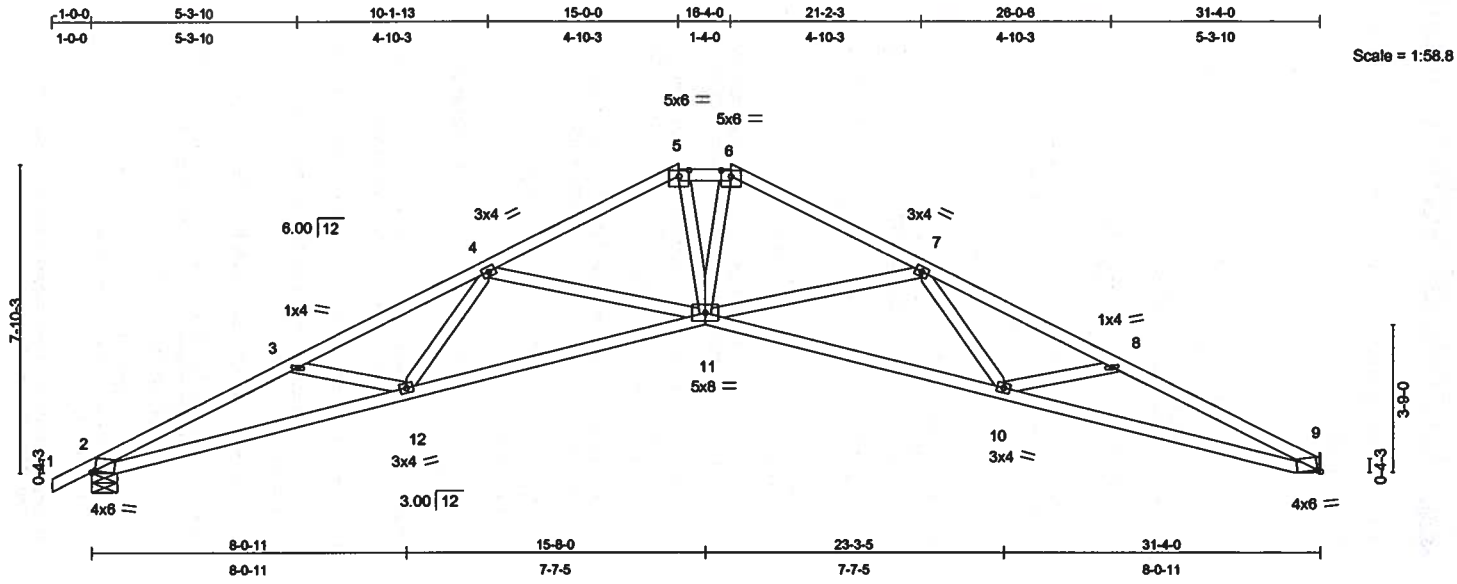

Plate Offsets (X,Y): [2:0-0-15,Edge], [5:0-3-0,0-1-14], [6:0-3-0,0-1-14], [9:0-0-15,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	0.36	11-12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.85	Vert(TL)	-0.82	10-11	>455	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.58	9	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 148 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-0 oc bracing.

REACTIONS (lb/size) 9=1236/Mechanical, 2=1319/0-8-0
Max Horz 2=156(LC 5)
Max Uplift9=-468(LC 6), 2=-560(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/22, 2-3=-3885/1507, 3-4=-3651/1315, 4-5=-2766/903, 5-6=-2607/908, 6-7=-2766/906, 7-8=-3755/1255, 8-9=-4051/1493
BOT CHORD 2-12=-1404/3455, 11-12=-1075/3156, 10-11=-861/3208, 9-10=-1274/3646
WEBS 3-12=-172/286, 4-12=-78/422, 4-11=-665/480, 7-11=-712/512, 7-10=-126/473, 8-10=-256/346, 5-11=-285/1022, 6-11=-338/1018

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) N/A
9) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.

LOAD CASE(S) Standard

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Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H11	HIP	1	2	I12260848

Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 09:53:45 2007 Page 1

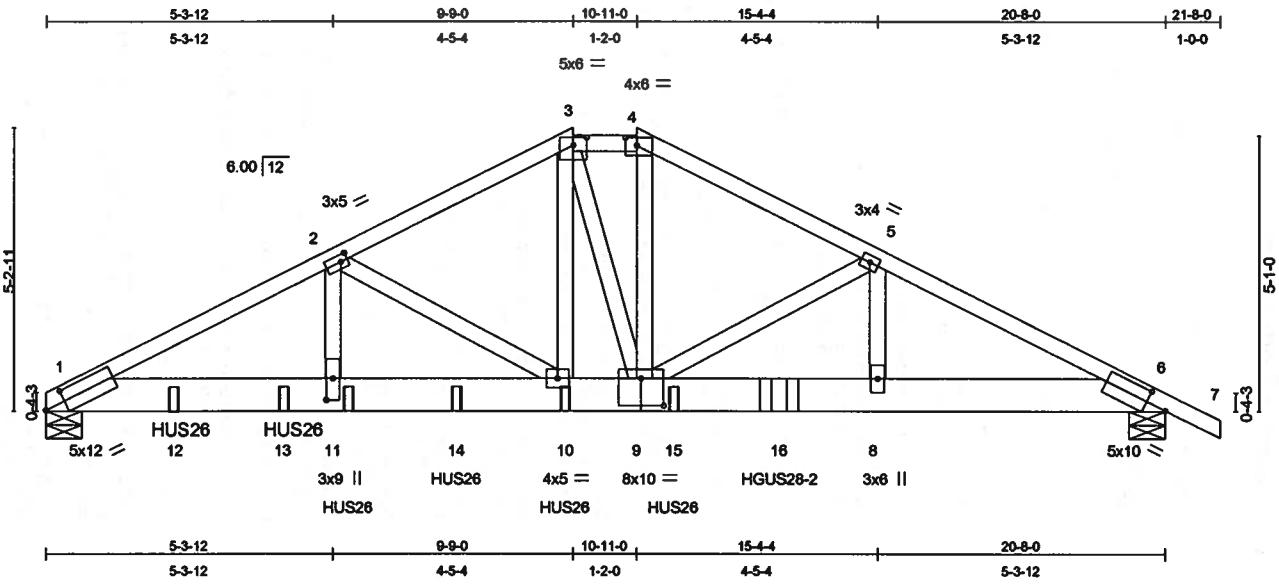

Plate Offsets (X,Y): [1:0-4-9,0-2-8], [2:0-1-8,0-1-8], [3:0-3-0,0-1-12], [4:0-2-8,0-1-12], [6:0-4-9,0-2-8], [9:0-5-0,0-6-0], [11:0-4-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	0.19	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.93	Vert(TL)	-0.33	10-11	>726	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.58	Horz(TL)	0.08	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 278 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP No.1
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 1=8038/0-8-0, 6=5031/0-8-0
Max Horz 1=-128(LC 6)
Max Uplift1=-3568(LC 5), 6=-2537(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-12379/5490, 2-3=-8639/4012, 3-4=-7909/3853, 4-5=-8898/4264, 5-6=-10457/5203, 6-7=0/34
BOT CHORD 1-12=-4873/10987, 12-13=-4873/10987, 11-13=-4873/10987, 11-14=-4873/10987, 10-14=-4873/10987, 9-10=-3429/7636, 9-15=-4505/9244, 15-16=-4505/9244, 8-16=-4505/9244, 6-8=-4505/9244
WEBS 2-11=-1351/3496, 2-10=-3814/1647, 3-10=-853/2635, 3-9=-937/1165, 4-9=-1759/3621, 5-9=-1490/1073, 5-8=-863/1369

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) 1- FGTR Simpson Strong-Tie Girder Tie-Down connectors recommended to connect truss to bearing walls due to uplift at jt(s) 1 and 6 plus 1- HGAM10 recommended to connect truss to bearing wall due to drag at jt 1.
9) Use Simpson Strong-Tie HUS26 (With 16d nails into Girder & 16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-11-12 from the left end to 11-7-4 to connect truss(es) H10 (1 ply 2 X 4 SYP) to back face of bottom chord.
10) Use Simpson Strong-Tie HGUS28-2 (With 16d nails into Girder & 16d nails into Truss) or equivalent at 13-6-8 from the left end to connect truss(es) H6 (2 ply 2 X 6 SYP) to back face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) FGTR Masonry Installation: 2 (1/2" x 5" Titen HD) bolts shall be installed to fully grouted and reinforced concrete masonry (f'm=1500 psi at 28 days). Bolts must be installed per manufacturer's installation instructions.
Moisture barrier plate may be required. Minimum 13-SDS 1/4"x3" to girder truss.

LOAD CASE(S) Standard

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FL Cert.#6634

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Job	Truss	Truss Type	Qty	Ply	0 0
0456	H11	HIP	1	2	I12260848
					Job Reference (optional)

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-4=-60, 4-7=-60, 1-6=-20

Concentrated Loads (lb)

Vert: 1=-1287(B) 11=-1216(B) 10=-1216(B) 12=-1287(B) 13=-1287(B) 14=-1216(B) 15=-1212(B) 16=-2669(B)

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Job	Truss	Truss Type	Qty	Ply	0 0
0456	H12	HIP	1	2	I12260849

Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Thu Jun 14 15:49:33 2007 Page 1

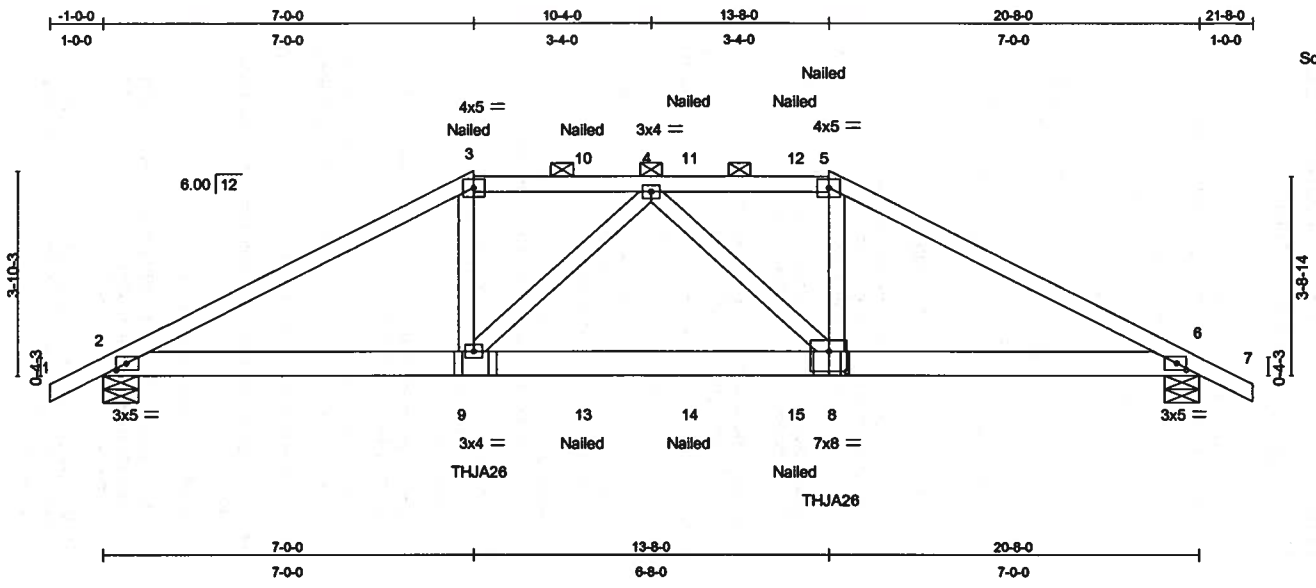

Plate Offsets (X,Y): [2:0-2-4,0-1-8], [6:0-2-4,0-1-8], [8:0-4-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	0.07	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.12	8-9	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.15	Horz(TL)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 215 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1705/0-8-0, 6=1743/0-8-0
Max Horz 2=84(LC 5)
Max Uplift2=-1039(LC 5), 6=-1063(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/30, 2-3=-3153/1850, 3-10=-2688/1712, 4-10=-2693/1714, 4-11=-2772/1767, 11-12=-2770/1765, 5-12=-2766/1763, 5-6=-3238/1904, 6-7=0/30
BOT CHORD 2-9=-1577/2726, 9-13=-1750/2937, 13-14=-1750/2937, 14-15=-1750/2937, 8-15=-1750/2937, 6-8=-1588/2803
WEBS 3-9=-375/917, 4-9=-463/428, 4-8=-336/308, 5-8=-288/919

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) One LGT2 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2 and 6.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
10) Use Simpson Strong-Tie THJA26 (With 16d nails into Girder & 10d nails into Truss) or equivalent spaced at 6-7-4 oc max. starting at 7-0-6 from the left end to 13-7-10 to connect truss(es) J7 (1 ply 2 X 4 SYP), CJ9 (1 ply 2 X 4 SYP), J7 (1 ply 2 X 4 SYP), CJ9 (1 ply 2 X 4 SYP) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) N/A
13) "Nailed" indicates 3-16d (0.131"x3.5") toe-nails.
14) LGT2 Masonry Installation: 1/4" x 2-1/4" Titen screws shall be installed to fully grouted and reinforced concrete masonry (f'm=1500 psi at 28 days). Screws must be installed per manufacturer's installation instructions.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-60, 3-5=-60, 5-7=-60, 2-6=-20

Concentrated Loads (lb)

Vert: 3=-219(F) 5=-219(F) 8=-365(F) 9=-365(F) 10=-127(F) 11=-127(F) 12=-127(F) 13=-46(F) 14=-46(F) 15=-46(F)

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H13	HIP	1	1	I12260850
					Job Reference (optional)

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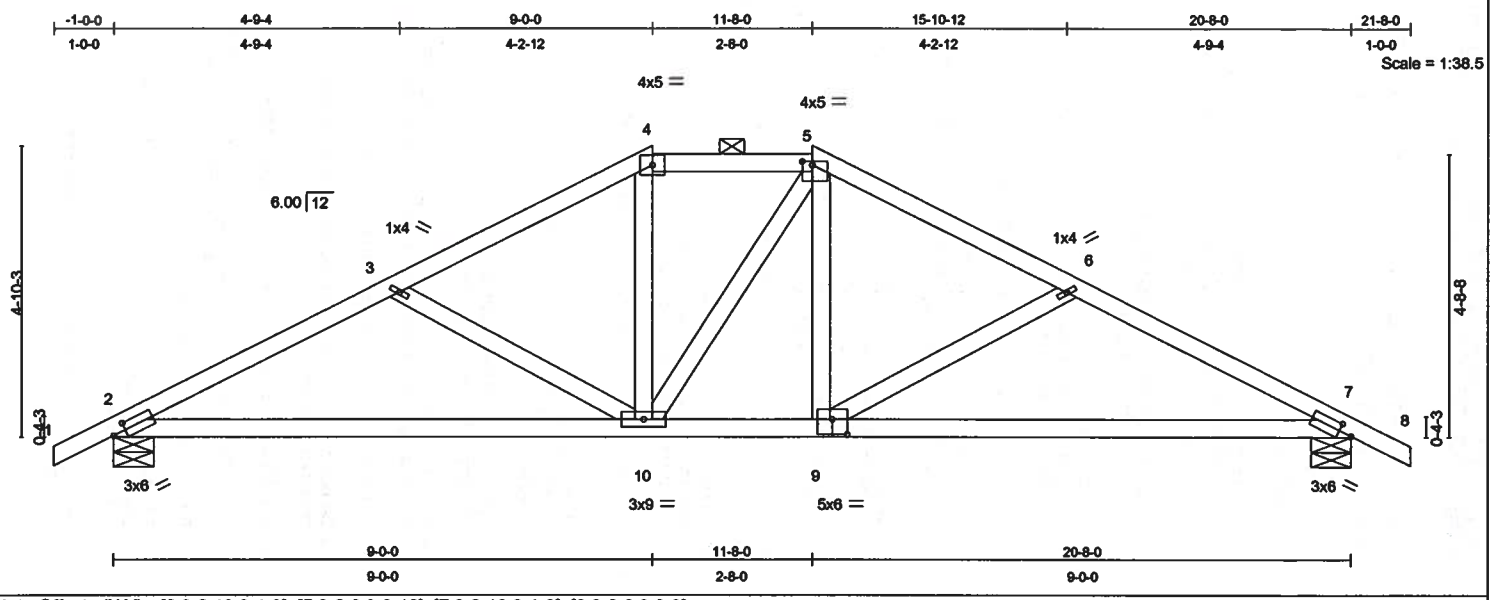

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [5:0-2-0,0-0-12], [7:0-2-10,0-1-8], [9:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.12	7-9	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.32	7-9	>749	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 102 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-2-8 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 9-7-3 oc bracing.

REACTIONS (lb/size) 2=880/0-8-0, 7=880/0-8-0
Max Horz 2=-98(LC 6)
Max Uplift2=-389(LC 5), 7=-389(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-1324/503, 3-4=-1072/382, 4-5=-900/392, 5-6=-1071/382, 6-7=-1324/504, 7-8=0/26
BOT CHORD 2-10=-425/1130, 9-10=-174/899, 7-9=-327/1130
WEBS 3-10=-262/253, 4-10=-69/284, 5-10=-106/110, 5-9=-65/286, 6-9=-263/253

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) One HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2 and 7.
7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0
0456	H2	HIP	1	1	I12260851
					Job Reference (optional)

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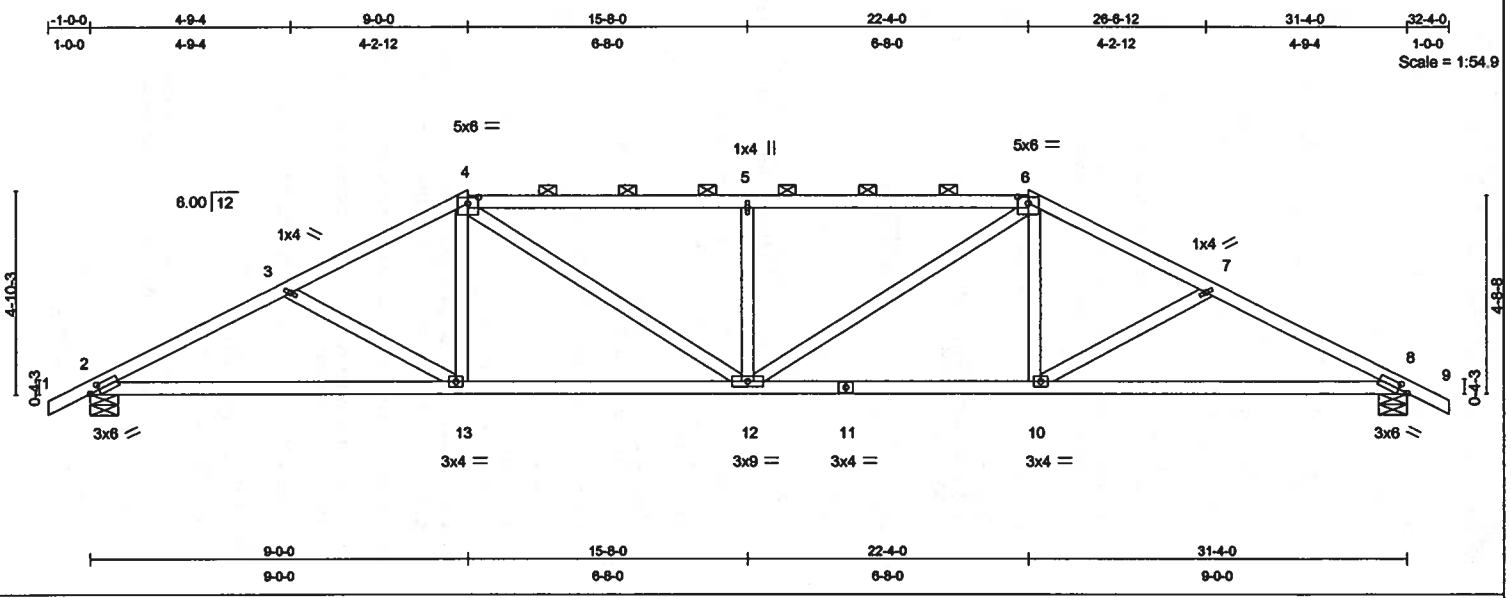

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [4:0-3-0,0-1-12], [6:0-3-0,0-1-12], [8:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.12	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.35	8-10	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 155 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins, except 2-0-0 oc purlins (4-0-1 max.): 4-6.
BOT CHORD Rigid ceiling directly applied or 7-11-5 oc bracing.

REACTIONS (lb/size) 2=1307/0-8-0, 8=1307/0-8-0
Max Horz 2=-98(LC 6)
Max Uplift2=-503(LC 5), 8=-503(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-2200/733, 3-4=-2005/643, 4-5=-2183/782, 5-6=-2183/782, 6-7=-2005/644, 7-8=-2200/734, 8-9=0/26
BOT CHORD 2-13=-626/1893, 12-13=-525/1752, 11-12=-452/1752, 10-11=-452/1752, 8-10=-528/1893
WEBS 3-13=-160/222, 4-13=-27/356, 4-12=-304/610, 5-12=-464/344, 6-12=-305/610, 6-10=-28/356, 7-10=-160/223

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2 and 8.
7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

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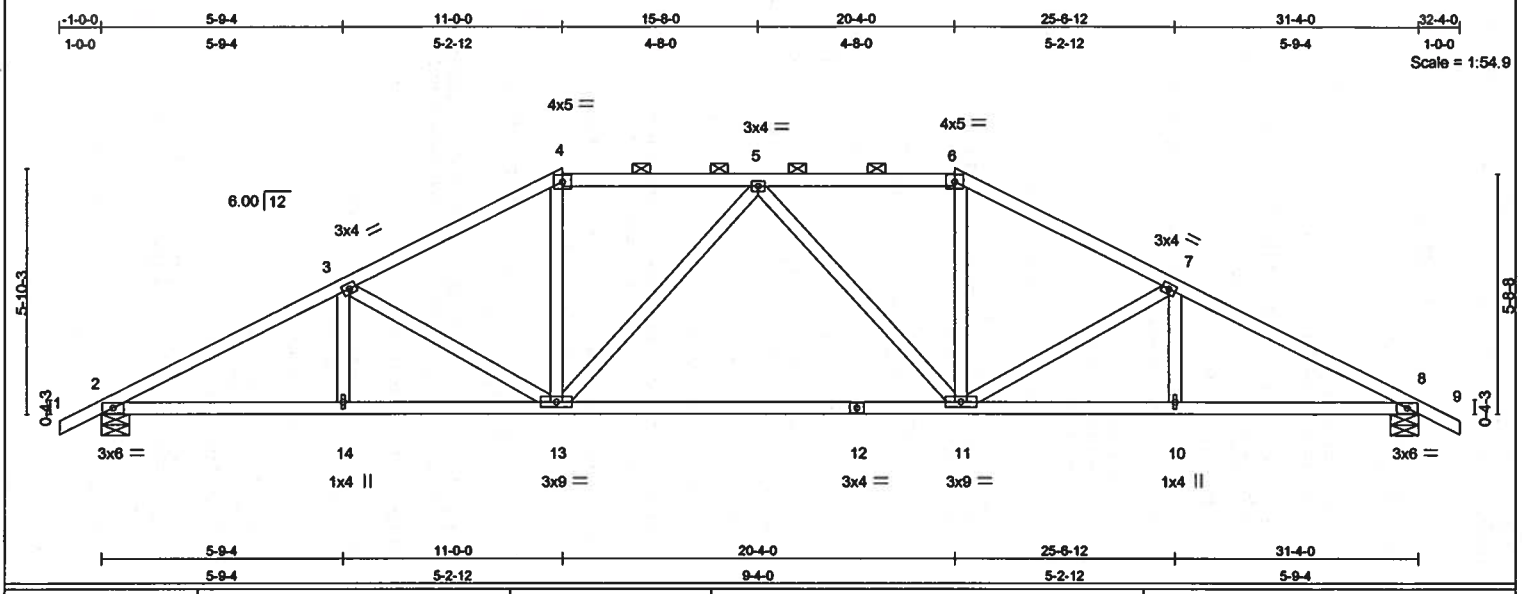
Job	Truss	Truss Type	Qty	Ply	0 0
0456	H3	HIP	1	1	I12260852
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 07:14:05 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.20	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.57	11-13	>649	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.29	Horz(TL)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 161 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-1 oc purlins, except 2-0-0 oc purlins (4-11-1 max.): 4-6.
BOT CHORD Rigid ceiling directly applied or 7-8-11 oc bracing.

REACTIONS (lb/size) 2=1307/0-8-0, 8=1307/0-8-0
Max Horz 2=-115(LC 6)
Max Uplift2=-524(LC 5), 8=-524(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-2243/745, 3-4=-1851/625, 4-5=-1589/616, 5-6=-1589/616, 6-7=-1851/625, 7-8=-2243/746, 8-9=0/26
BOT CHORD 2-14=-644/1913, 13-14=-644/1913, 12-13=-442/1723, 11-12=-442/1723, 10-11=-529/1913, 8-10=-529/1913
WEBS 3-14=0/171, 3-13=-370/291, 4-13=-103/513, 5-13=-315/216, 5-11=-315/216, 6-11=-103/513, 7-11=-370/291, 7-10=0/171

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2 and 8.
7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	0 0
0456	H4	HIP	1	1	I12260853
					Job Reference (optional)

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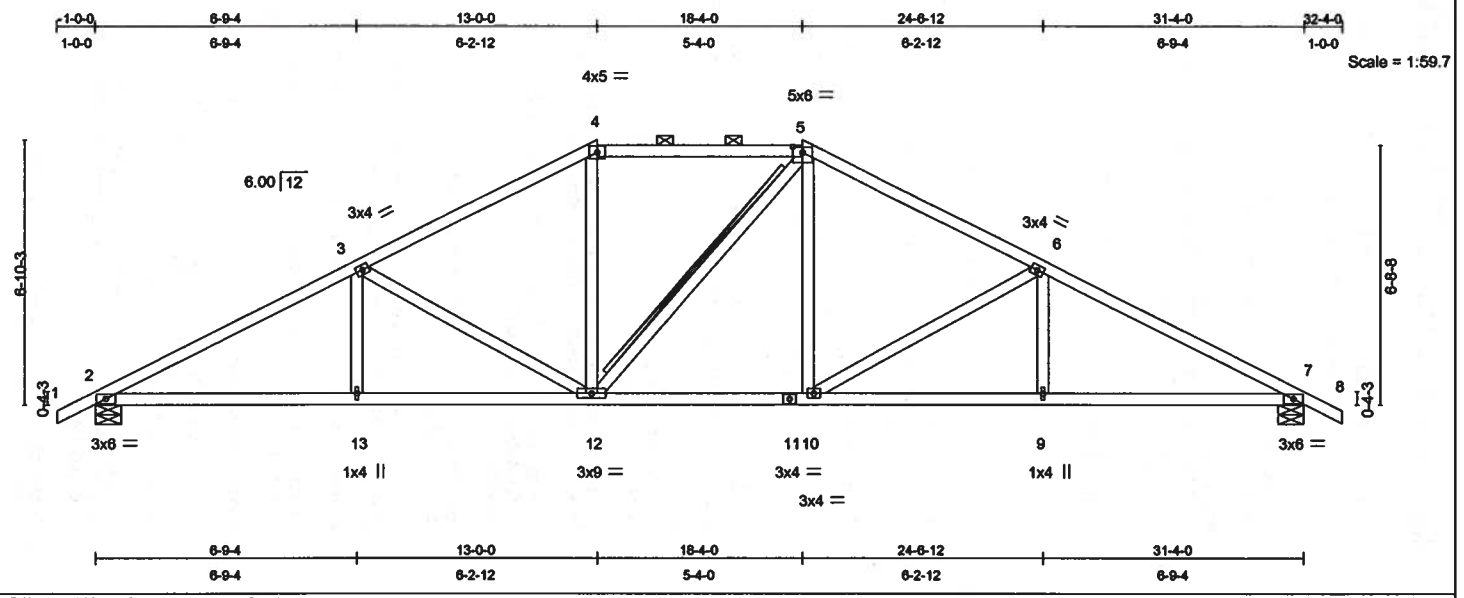

Plate Offsets (X,Y): [5:0-3-0,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	0.10	10-12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.23	10-12	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.10	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 161 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-11 oc purlins, except 2-0-0 oc purlins (5-1-11 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 7-6-1 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1307/0-8-0, 7=1307/0-8-0
Max Horz 2=132(LC 5)
Max Uplift2=-541(LC 5), 7=-541(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-2225/766, 3-4=-1689/621, 4-5=-1431/623, 5-6=-1689/621, 6-7=-2225/766, 7-8=0/26
BOT CHORD 2-13=-667/1892, 12-13=-667/1892, 11-12=-304/1431, 10-11=-304/1431, 9-10=-536/1892, 7-9=-536/1892
WEBS 3-13=0/272, 3-12=-526/355, 4-12=-103/420, 5-12=-154/156, 5-10=-115/420, 6-10=-527/355, 6-9=0/273

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2 and 8.
7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

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Chesterfield, MO, 63017
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June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H5	SPECIAL	1	1	I12260854
					Job Reference (optional)

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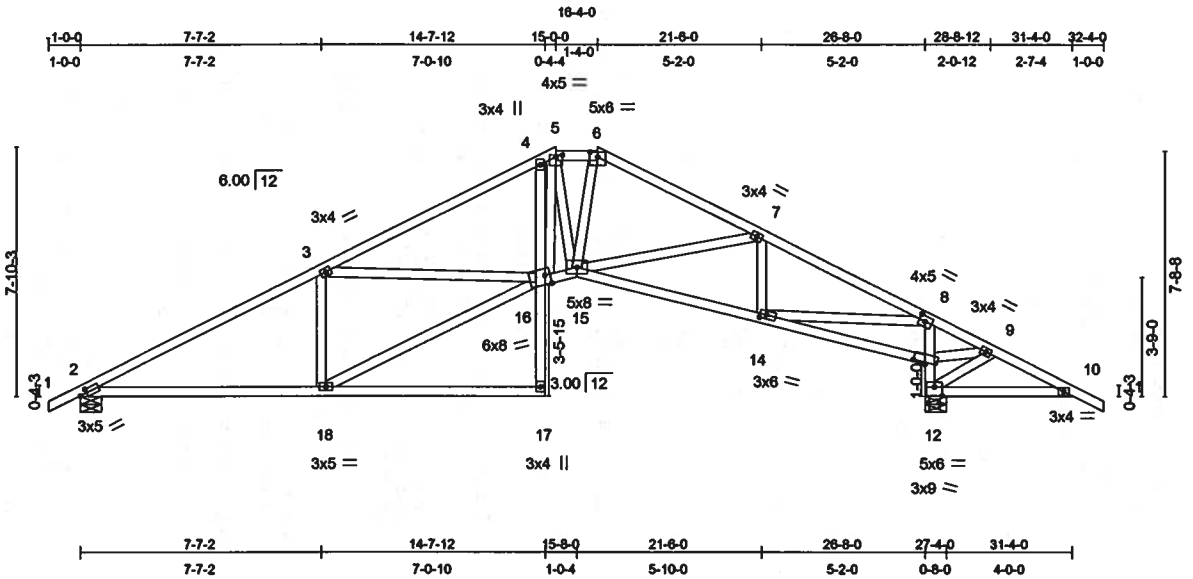


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [5:0-2-8,0-0-12], [6:0-3-0,0-1-14], [8:0-2-4,0-2-0], [12:0-3-0,0-3-4], [13:0-4-11,0-0-12], [14:0-2-4,0-1-8], [16:0-2-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.20	2-18	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.67	Vert(TL)	-0.25	2-18	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.96	Horz(TL)	0.14	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 184 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
4-17 2 X 4 SYP No.3, 8-12 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-1-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-2-0 oc bracing. Except:
4-8-0 oc bracing: 8-13
6-0-0 oc bracing: 4-16

REACTIONS (lb/size) 2=1099/0-8-0, 12=1521/0-8-0
Max Horz 2=263(LC 4)
Max Uplift2=-688(LC 6), 12=-1065(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-1754/1122, 3-4=-2006/1153, 4-5=-1873/1170, 5-6=-1686/1045, 6-7=-1842/1048, 7-8=-1641/986, 8-9=-796/853, 9-10=-365/403, 10-11=0/25
BOT CHORD 2-18=-939/1470, 17-18=-124/54, 16-17=-67/125, 4-16=-181/275, 15-16=-702/1690, 14-15=-594/1458, 13-14=-684/814, 12-13=-1626/1335, 8-13=-1318/982, 10-12=-321/386
WEBS 3-18=-552/350, 16-18=-913/1607, 3-16=-10/258, 5-16=-445/492, 5-15=-168/399, 6-15=-353/560, 7-15=-101/243, 7-14=-421/239, 8-14=-1391/2037, 9-13=-659/756, 9-12=-353/286

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; porch right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.
7) One H10S Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 12.

LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H6	MONO HIP	1	2	I12260855

Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 07:32:17 2007 Page 1

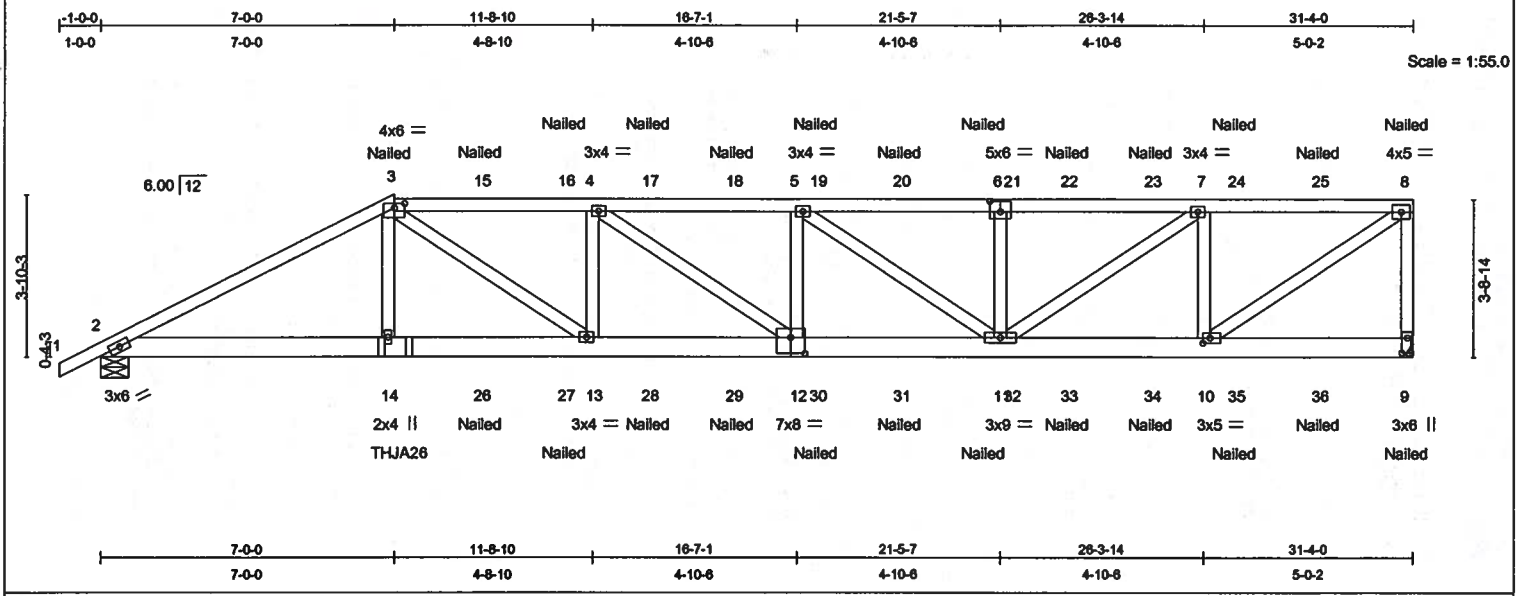


Plate Offsets (X,Y): [3:0-3-0,0-1-4], [6:0-3-0,0-3-0], [9:0-4-4,0-1-8], [10:0-2-0,0-1-8], [12:0-4-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	0.25	12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.37	12	>991	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.61	Horz(TL)	0.07	9	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 381 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-7-14 oc bracing.

REACTIONS (lb/size) 9=2689/Mechanical, 2=2525/0-8-0
Max Horz 2=205(LC 4)
Max Uplift9=-1745(LC 4), 2=-1527(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/30, 2-3=-4935/2961, 3-15=-5771/3688, 15-16=-5772/3689, 4-16=-5775/3690, 4-17=-6105/3926, 17-18=-6105/3926, 5-18=-6105/3926, 5-19=-5250/3397, 19-20=-5250/3397, 20-21=-5250/3397, 6-21=-5250/3397, 6-22=-5250/3397, 22-23=-5250/3397, 7-23=-5250/3397, 7-24=-3250/2126, 24-25=-3250/2126, 8-25=-3250/2126, 8-9=-2532/1734
BOT CHORD 2-14=-2713/4315, 14-26=-2708/4292, 26-27=-2708/4292, 13-27=-2708/4292, 13-28=-3710/5772, 28-29=-3710/5772, 12-29=-3710/5772, 12-30=-3939/6105, 30-31=-3939/6105, 31-32=-3939/6105, 11-32=-3939/6105, 11-33=-2122/3250, 33-34=-2122/3250, 10-34=-2122/3250, 10-35=-113/97, 35-36=-113/97, 9-36=-113/97
WEBS 3-14=-116/695, 3-13=-1236/1924, 4-13=-914/770, 4-12=-290/440, 5-12=-41/249, 5-11=-1041/650, 6-11=-595/568, 7-11=-1558/2431, 7-10=-1994/1480, 8-10=-2444/3833

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) Refer to girder(s) for truss to truss connections.
9) N/A
10) One LGT2 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.
11) Use Simpson Strong-Tie THJA26 (With 16d nails into Girder & 10d nails into Truss) or equivalent at 7-0-6 from the left end to connect truss(es) J7 (1 ply 2 X 4 SYP), CJ9 (1 ply 2 X 4 SYP) to back face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.
13) N/A
14) "Nailed" indicates 3-16d (0.131"x3.5") toe-nails.
15) LGT2 Masonry Installation: 1/4" x 2-1/4" Titen screws shall be installed to fully grouted and reinforced concrete masonry (f'm=1500 psi at 28 days). Screws must be installed per manufacturer's installation instructions.

LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Continued on page 2

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-8=-60, 2-9=-20

Concentrated Loads (lb)

Vert: 3=-219(B) 8=-127(B) 9=-46(B) 14=-365(B) 15=-127(B) 16=-127(B) 17=-127(B) 18=-127(B) 19=-127(B) 20=-127(B) 21=-127(B) 22=-127(B) 23=-127(B) 24=-127(B) 25=-127(B) 26=-46(B) 27=-46(B) 28=-46(B) 29=-46(B) 30=-46(B) 31=-46(B) 32=-46(B) 33=-46(B) 34=-46(B) 35=-46(B) 36=-46(B)

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H7	MONO HIP	1	1	I12260856
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 07:40:09 2007 Page 1

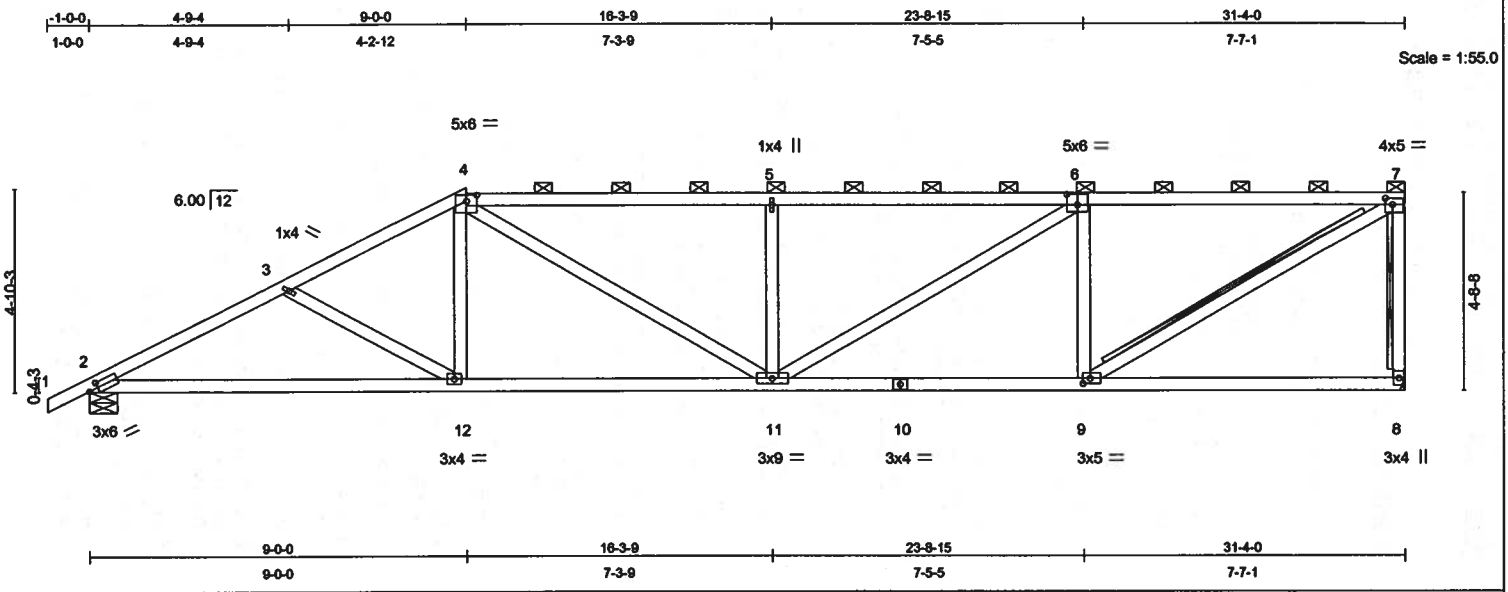


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [4:0-3-0,0-1-12], [6:0-3-0,0-3-0], [7:0-2-0,0-1-12], [9:0-2-0,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.80	Vert(LL)	0.16	9-11	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.35	2-12	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.08	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 165 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-10 oc purlins, except end verticals, and 2-0-0 oc purlins (3-10-3 max.): 4-7.
BOT CHORD Rigid ceiling directly applied or 6-10-1 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 7-8, 7-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.
JOINTS 1 Brace at Jt(s): 7

REACTIONS (lb/size) 8=1232/Mechanical, 2=1316/0-8-0
Max Horz 2=262(LC 4)
Max Uplift8=-544(LC 4), 2=-502(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-2216/831, 3-4=-2029/803, 4-5=-2225/1004, 5-6=-2223/1002, 6-7=-1651/770, 7-8=-1154/568
BOT CHORD 2-12=-848/1906, 11-12=-798/1778, 10-11=-790/1677, 9-10=-790/1677, 8-9=-83/71
WEBS 3-12=-224/217, 4-12=-23/360, 4-11=-279/619, 5-11=-465/348, 6-11=-270/638, 6-9=-792/501, 7-9=-802/1838

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection of truss to bearing plate capable of withstanding 544 lb uplift at joint 8.
8) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

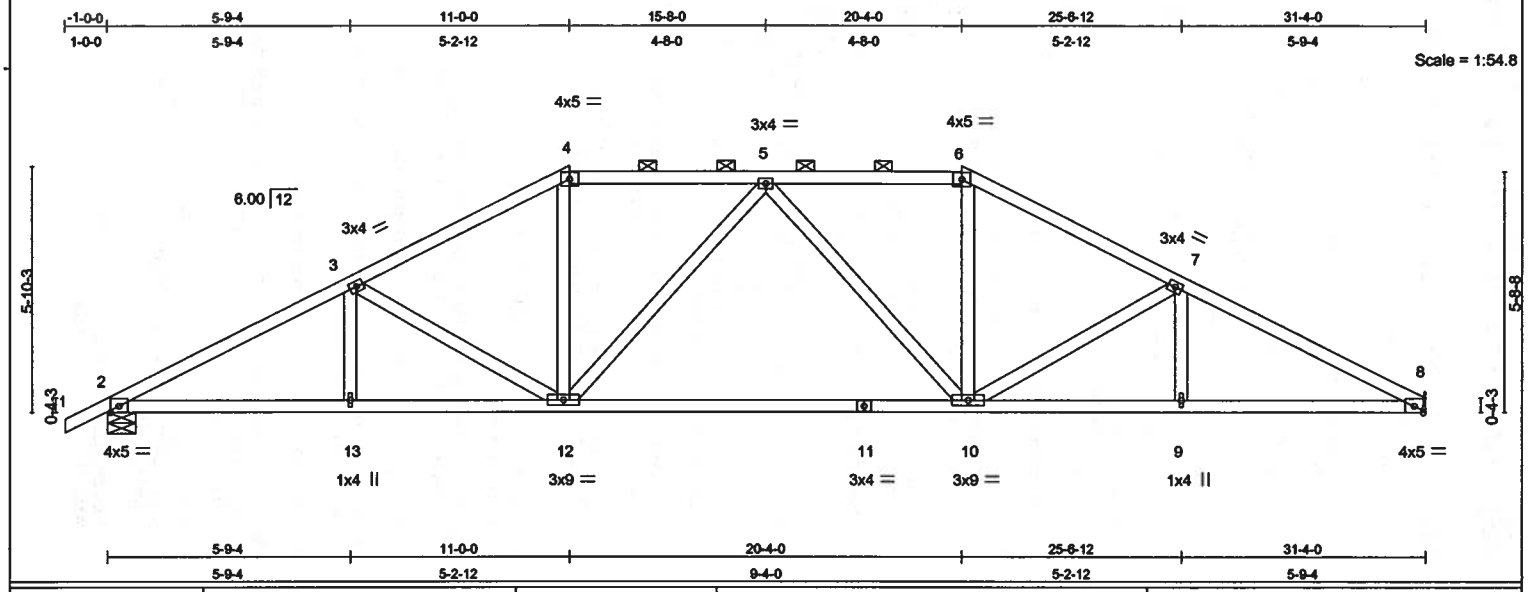
LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H8	HIP	1	1	I12260857
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 08:28:17 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.20	10-12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.73	Vert(TL)	-0.58	10-12	>642	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.11	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 160 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-3 oc purlins, except 2-0-0 oc purlins (4-10-6 max.): 4-6.
BOT CHORD Rigid ceiling directly applied or 7-7-5 oc bracing.

REACTIONS (lb/size) 8=1236/Mechanical, 2=1319/0-8-0
Max Horz 2=129(LC 5)
Max Uplift8=-436(LC 6), 2=-527(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-2270/752, 3-4=-1879/633, 4-5=-1614/623, 5-6=-1634/637, 6-7=-1904/651, 7-8=-2352/803
BOT CHORD 2-13=-665/1936, 12-13=-665/1936, 11-12=-467/1759, 10-11=-467/1759, 9-10=-626/2031, 8-9=-626/2031
WEBS 3-13=0/170, 3-12=-369/290, 4-12=-109/522, 5-12=-331/221, 5-10=-305/214, 6-10=-112/531, 7-10=-451/336, 7-9=0/182

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Refer to girder(s) for truss to truss connections.
7) N/A
8) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	H9	SPECIAL	1	1	I12260858
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 08:30:24 2007 Page 1

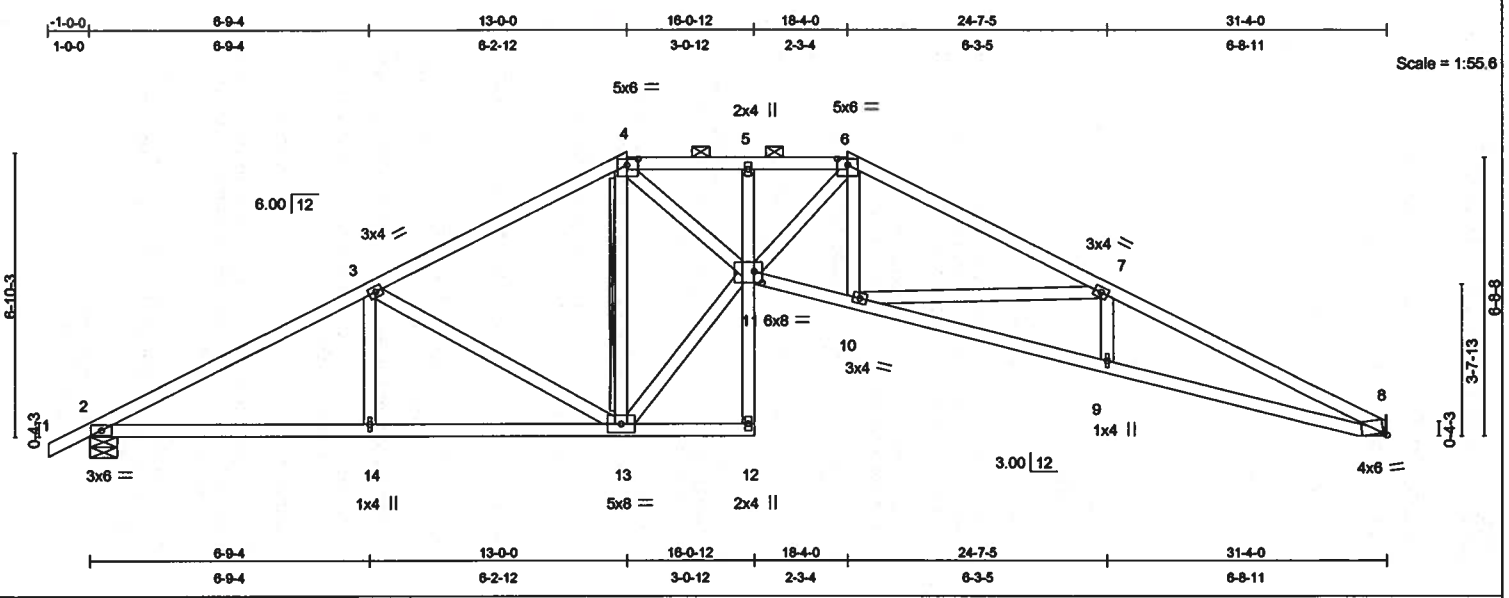


Plate Offsets (X,Y): [4:0-3-4,0-1-12], [6:0-3-0,0-1-12], [8:0-0-15,Edge], [11:0-2-4,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	0.29	10-11	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.88	Vert(TL)	-0.71	9-10	>525	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.85	Horz(TL)	0.48	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 167 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
5-12 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-12 oc purlins, except 2-0-0 oc purlins (3-1-12 max.): 4-6.
BOT CHORD Rigid ceiling directly applied or 5-7-0 oc bracing. Except: 6-0-0 oc bracing: 5-11
WEBS T-Brace: 2 X 4 SYP No.3 - 4-13
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 8=1236/Mechanical, 2=1319/0-8-0
Max Horz 2=140(LC 5)
Max Uplift8=-454(LC 6), 2=-545(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-2254/773, 3-4=-1714/631, 4-5=-3390/1039, 5-6=-3402/1045, 6-7=-3223/934, 7-8=-4107/1364
BOT CHORD 2-14=-682/1918, 13-14=-682/1918, 12-13=-10/41, 11-12=0/45, 5-11=-172/111, 10-11=-644/2872, 9-10=-1138/3674, 8-9=-1141/3679
WEBS 3-14=0/277, 3-13=-536/350, 4-13=-1394/333, 11-13=-582/2260, 4-11=-556/2639, 6-11=-274/937, 6-10=-137/435, 7-10=-770/572, 7-9=0/271

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Refer to girder(s) for truss to truss connections.
7) N/A
8) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	J	JACK	10	1	I12260859
					Job Reference (optional)

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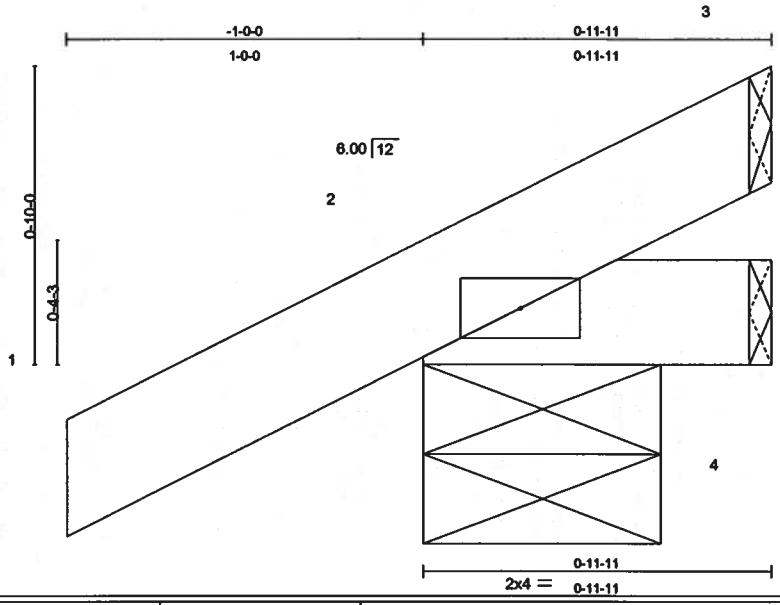


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.08	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 5 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 0-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=138/0-8-0, 4=9/Mechanical, 3=-13/Mechanical
Max Horz 2=65(LC 5)
Max Uplift2=-134(LC 5), 3=-13(LC 1)
Max Grav 2=138(LC 1), 4=18(LC 2), 3=25(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/25, 2-3=-33/12
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) N/A
6) One HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.

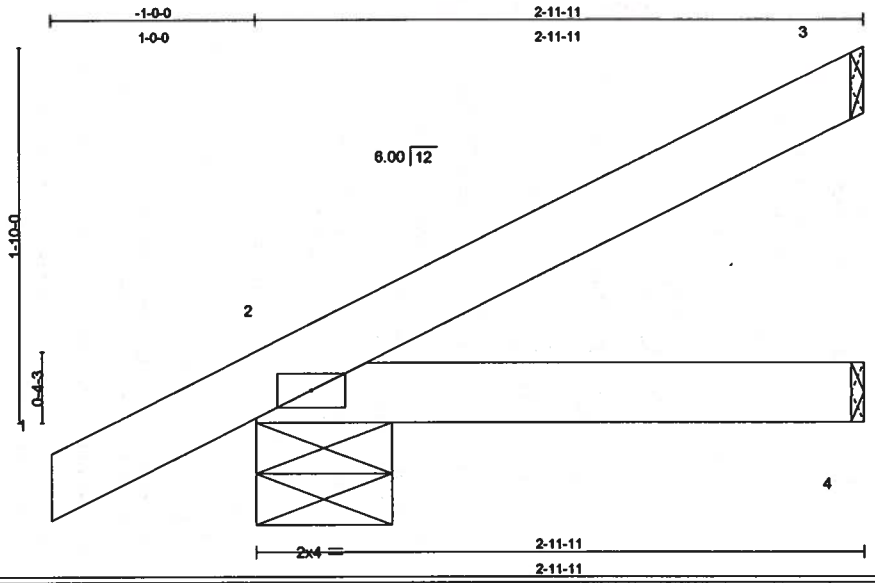
LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	J2	JACK	10	1	I12260860
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 08:32:57 2007 Page 1



Scale = 1:11.3

Nail with 3-16d (0.131"x3.5") Toe-Nails.

Nail with 3-16d (0.131"x3.5") Toe-Nails.

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.12	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=53/Mechanical, 2=202/0-8-0, 4=26/Mechanical
Max Horz 2=117(LC 5)
Max Uplift3=-53(LC 5), 2=-139(LC 5)
Max Grav3=53(LC 1), 2=202(LC 1), 4=52(LC 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-48/19
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) N/A
6) One HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.

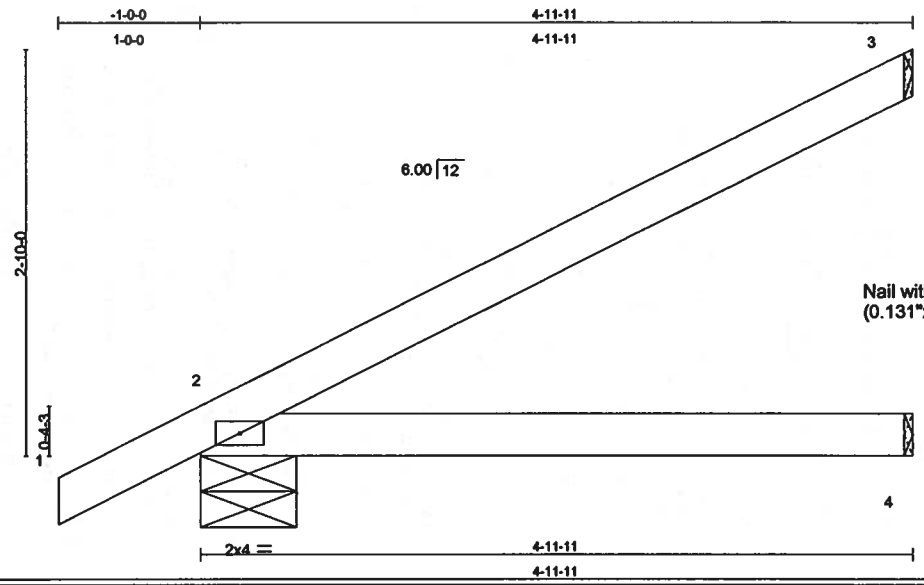
LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	J4	JACK	10	1	I12260861
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 08:33:35 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.23	Vert(LL)	-0.02	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.06	2-4	>934	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=123/Mechanical, 2=273/0-8-0, 4=46/Mechanical
Max Horz 2=173(LC 5)
Max Uplift3=-125(LC 5), 2=-149(LC 5)
Max Grav 3=123(LC 1), 2=273(LC 1), 4=92(LC 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-81/46
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) N/A
6) One HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.

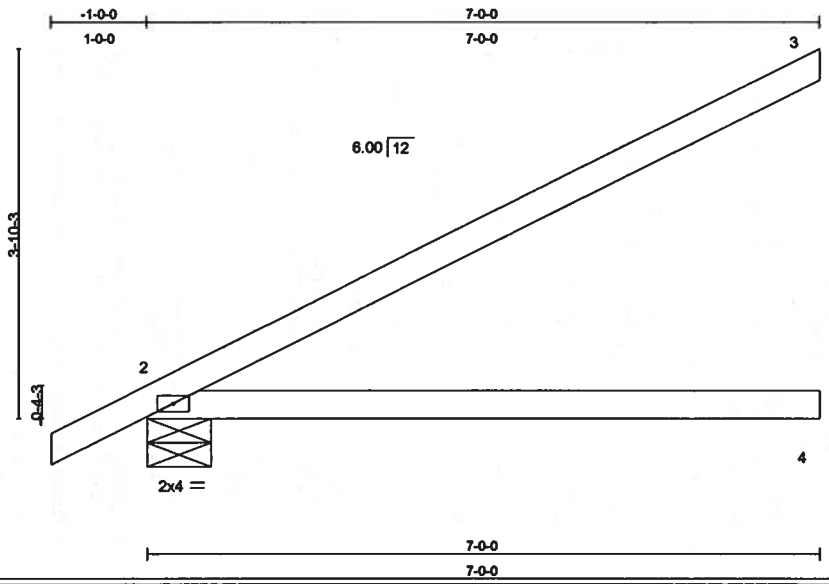
LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	J7	JACK	28	1	I12260862
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 08:34:11 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.10	2-4	>794	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.25	2-4	>318	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=187/Mechanical, 2=350/0-8-0, 4=66/Mechanical
Max Horz 2=230(LC 5)
Max Uplift3=-190(LC 5), 2=-167(LC 5)
Max Grav 3=187(LC 1), 2=350(LC 1), 4=132(LC 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-120/70
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) N/A
6) One HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.

LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	T1	SPECIAL	2	1	I12260863
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 08:36:03 2007 Page 1

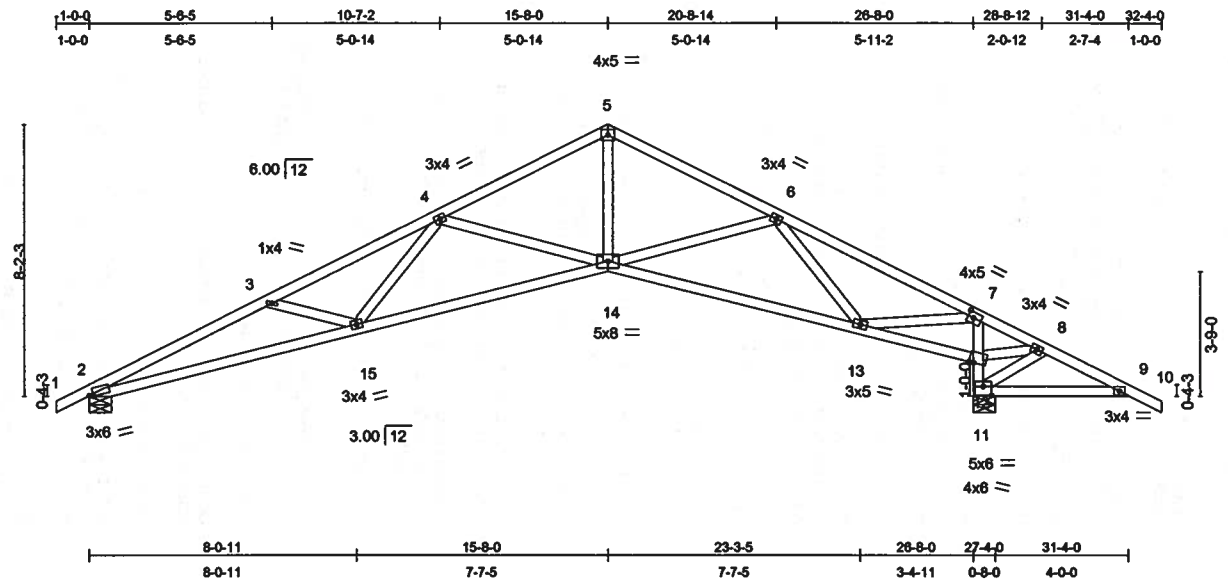


Plate Offsets (X,Y): [2:0-1-7,Edge], [7:0-2-0,0-2-0], [11:0-3-0,0-3-4], [12:0-1-11,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	0.30	14-15	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.44	14-15	>728	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.27	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 155 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
7-11 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-3-6 oc bracing. Except:
4-7-0 oc bracing: 7-12

REACTIONS (lb/size) 2=1099/0-8-0, 11=1521/0-8-0
Max Horz 2=166(LC 4)
Max Uplift2=-702(LC 6), 11=-1065(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/22, 2-3=-3096/1855, 3-4=-2799/1760, 4-5=-1803/1051, 5-6=-1804/1034, 6-7=-1204/701, 7-8=-810/868, 8-9=-366/404, 9-10=0/25
BOT CHORD 2-15=-1500/2749, 14-15=-1065/2287, 13-14=-606/1525, 12-13=-695/818, 11-12=-1645/1352, 7-12=-1360/1028, 9-11=-323/388
WEBS 3-15=-230/311, 4-15=-404/495, 4-14=-703/517, 5-14=-737/1250, 6-14=-85/192, 6-13=-781/457, 7-13=-1151/1669, 8-12=-698/797, 8-11=-392/322

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; porch right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2.
7) One H10S Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 11.

LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

Job	Truss	Truss Type	Qty	Ply	0 0
0456	T2	SPECIAL	8	1	I12260864
					Job Reference (optional)

Reese Building Components, INC., Sylvester Ga. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Jun 15 08:38:01 2007 Page 1

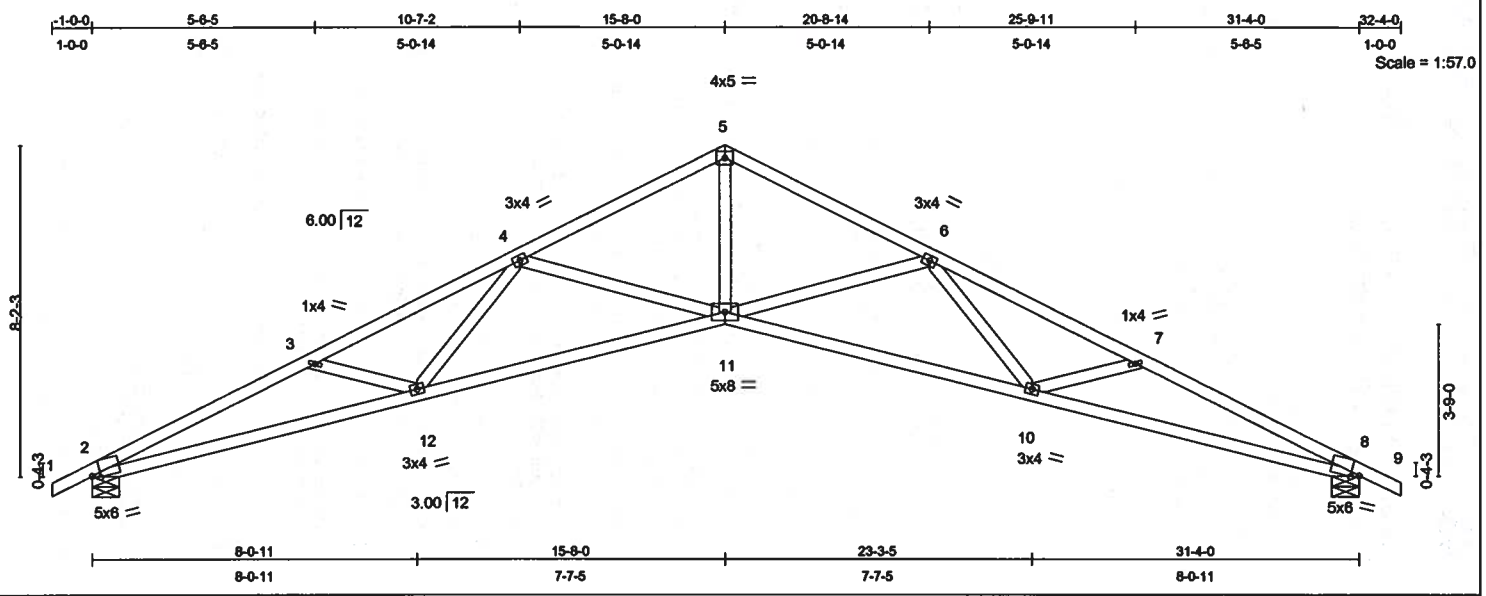


Plate Offsets (X,Y): [2:0-2-7,Edge], [8:0-2-7,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	0.35	11-12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.79	11-12	>465	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.56	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 145 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-3 oc bracing.

REACTIONS (lb/size) 2=1307/0-8-0, 8=1307/0-8-0
Max Horz 2=153(LC 5)
Max Uplift2=-560(LC 5), 8=-560(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/22, 2-3=-3857/1505, 3-4=-3599/1320, 4-5=-2666/886, 5-6=-2666/904, 6-7=-3599/1173, 7-8=-3857/1366, 8-9=0/22
BOT CHORD 2-12=-1399/3433, 11-12=-1040/3053, 10-11=-820/3053, 8-10=-1117/3433
WEBS 3-12=-196/294, 4-12=-115/464, 4-11=-685/492, 5-11=-602/2016, 6-11=-685/498, 6-10=-124/464, 7-10=-196/305

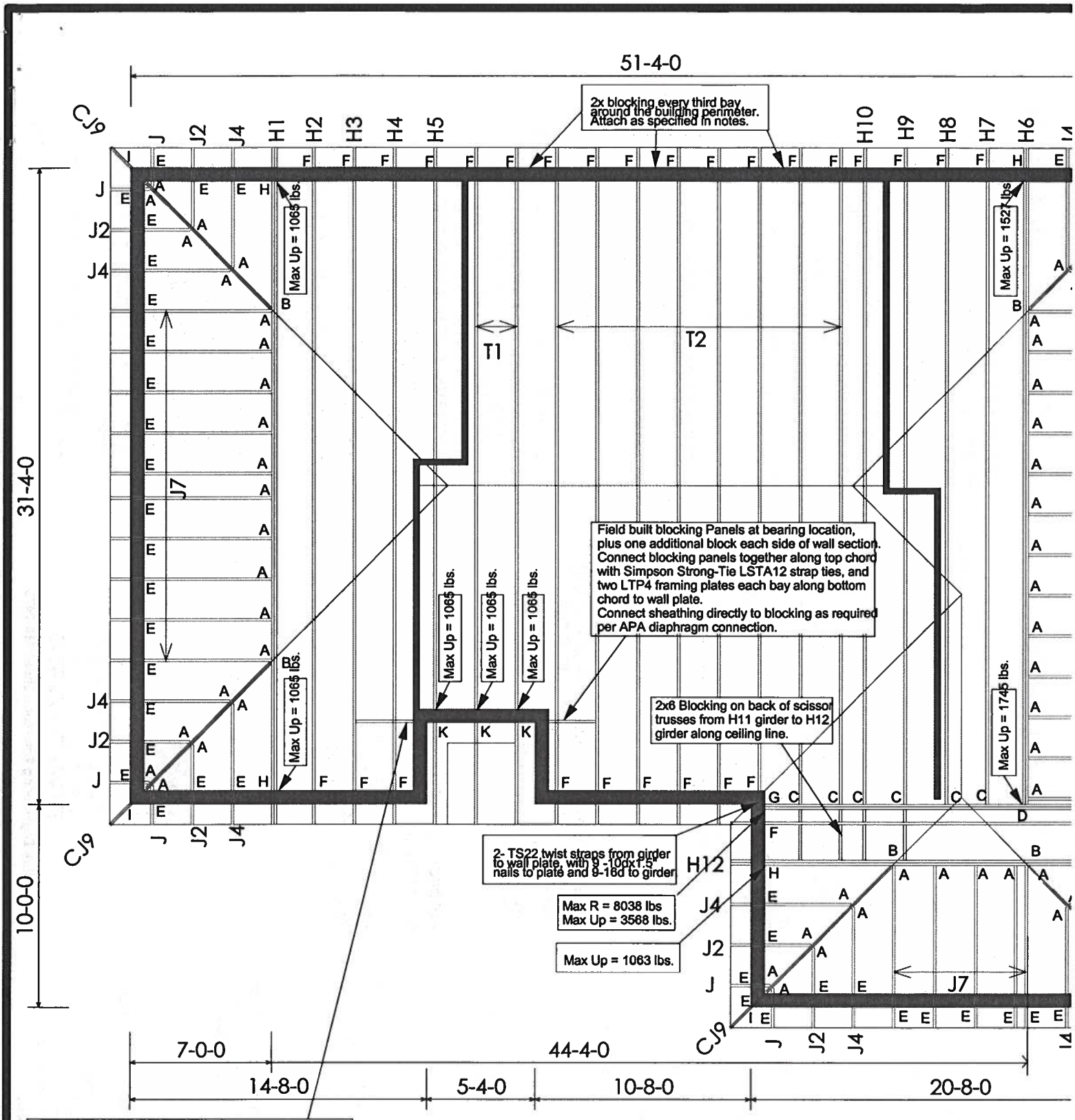
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Bearing at joint(s) 2, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Two HM9 Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to uplift at jt(s) 2 and 8.

LOAD CASE(S) Standard

Gaby S. Redwanly, FL Lic #49682
MiTek Industries, Inc.
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO, 63017
FL Cert.#6634

June 18,2007

MiTek
POWER TO PERFORM.
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017



Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design paramenters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding

Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek
POWER TO PERFORM.
Chesterfield, MO 63017

Sound Structures Engineering, Inc.

2467 Centerville Road Tallahassee, Florida 32308
(850) 385-5288 Fax (850) 386-7586 ~ dectom@nettally.com

Pennyworth Homes, Inc.
September 5, 2007

RE: Structural Modifications
Sound Structures Job Number 06S-567

To Whom It May Concern:

This letter serves as my acknowledgement that the bond beam shown at mid-height in the wall cross section is NOT required for this project.

Additionally, the weep holes noted on the foundation page should have included a note indicating that these holes are not required on a stem-well foundation where the height of the back-filled wall is less than 32".

If I can be of any further assistance, let me know.

Sincerely,

Thomas E. Beitelman
FL. PE #51870
FL. SI #2060

Permit # 26053
Adrian & Maureen Rodriguez
258 S.E. Adams Road

Builder: Pennyworth Homes

Cal-Tech Testing, Inc.

• Engineering P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
• Geotechnical 6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047
• Environmental 2230 Greensboro Hwy • Quincy, FL 32351 • Tel(850)442-3495 • Fax(850)442-4008
Laboratories

26053

DATE: 9/25/07
JOB NO.: 07.478

REPORT OF IN-PLACE DENSITY TEST - Page 2

PROJECT: Rodriguez
CLIENT: Pennywell

ASTM METHOD	SOIL USE
	pad

SPECIFICATION REQUIREMENTS: 95

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft³)	MOISTURE PERCENT	DRY DENSITY (lb/ft³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	Centr porch C	12	113.1	8.0	104.7	R	103.1	102
2	Centr pad		112.7	7.8	104.5			101
3	10' of N wall 10' of E		113.5	8.8	104.3			101
4	20' of S wall 20' of W		112.5	7.5	104.6			102
5	Back porch C		113.0	8.2	104.4			101

REMARKS:

PROCTORS

PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft³)	OPT. MOIST.	TYPE
	Red Clayton Gray	103.1	10.8	

Sound Structures Engineering, Inc.

2467 Centerville Road Tallahassee, Florida 32308
(850) 385-5288 Fax (850) 386-7586 ~ dectom@nettally.com

Pennyworth Homes, Inc.
September 5, 2007

RE: Structural Modifications
Sound Structures Job Number 06S-567

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If I can be of any further assistance, let me know.

Sincerely,

Thomas E. Beitelman
FL. PE #51870
FL. SI #2060

Permit #26053
Adrian & Maureen Rodriguez
258 SE Adams Road

Builder: Pennyworth Homes

HomeTeam
PEST DEFENSE®

26053

PERMIT # 200726053 ACCOUNT # _____

JOB # _____ BLDR # _____

1621 N.E. 6th Avenue • Ocala, Florida 34470 • 352.368.3845

CALLED IN BY: PENNYWORTH HOMES FOR: PRETREATMENT

OWNER: RODRIGUEZ DATE OF TREATMENT: 9/24/07 TIME: AM

ADDRESS: 258 S/E ADAMS ST CITY: HIGH SPRINGS ZIP: 32643

SLAB TYPE: ☐ MONO ☑ STEMWALL ☑ STEMWALL WITH CHAIRBLOCK ☑ OTHER: PRETREAT

LOT: — BLK: — SUBDIVISION: HIGH SPRINGS COUNTY: COLUMBIA

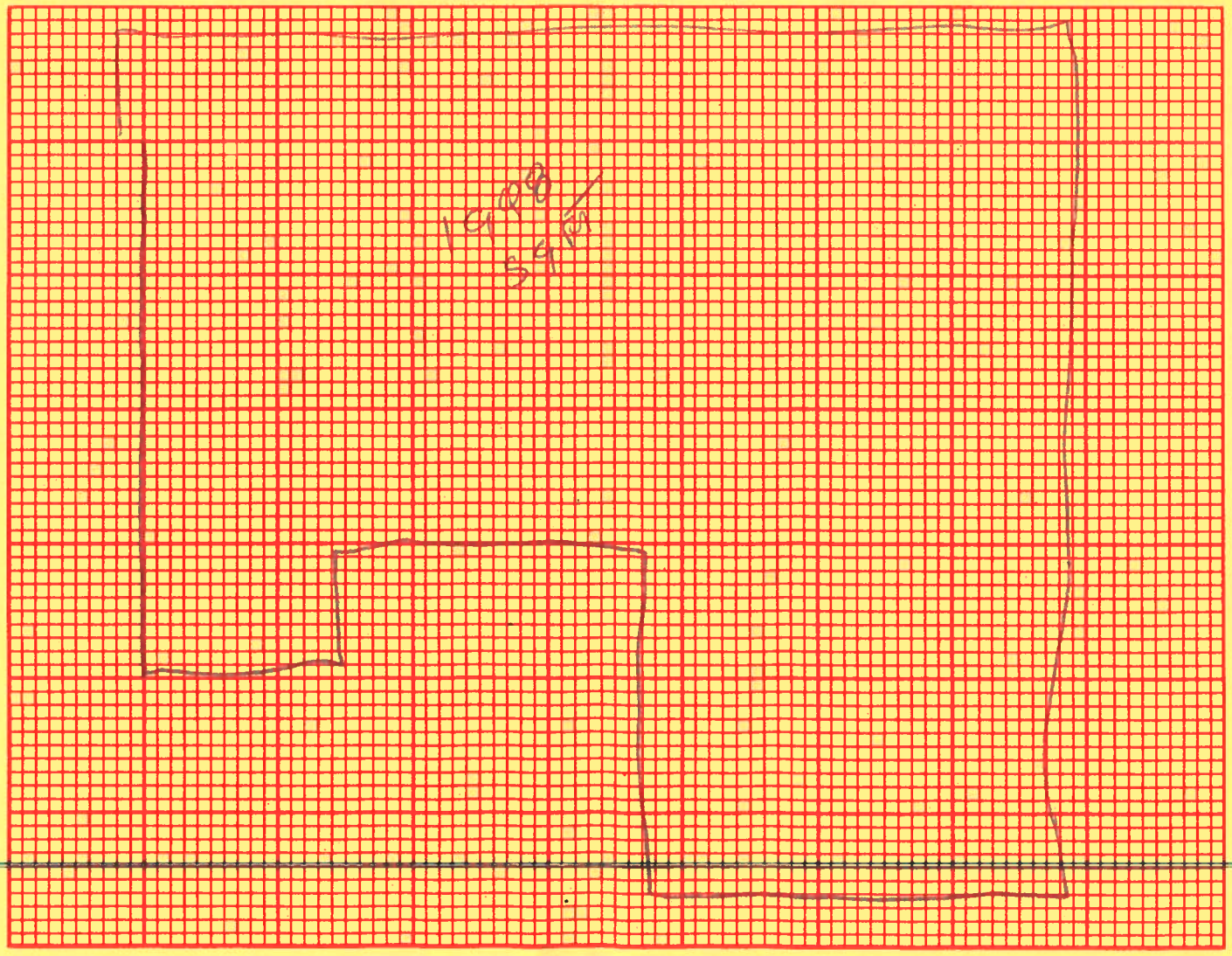
TOTAL VOLUME APPLIED: 155.25 LINEAR FT: 184.5 SQUARE FT: 2000

TREATED: ☐ HOUSE ☐ GARAGE / ENTRYWAY ☐ FRONT ☐ BACK ☐ PATIO ☑ OTHER: PRETREAT

CHARGES: _____ PESTICIDE USED: PRO-BUILD T.C.@.25%

RENEWAL AMOUNT: _____ TECHNICIAN: TIM RT _____

DIRECTIONS & OTHER INFORMATION: _____



HomeTeam
PEST DEFENSE®

26053

Certificate of
New Construction Subterranean Termite Treatment

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

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

Section I: Hometeam Pest Defense
Company Address: 1691 N/E 6th AVE City: OCALA State: FLA
Zip: 34470 Company Phone No.: 368-3805 Business License No. JB1537

Section 2: Builder Information
Company Name: PENNY WORTH HOMES
Phone No.: _____

Section 3: Property Information
Building Permit No.: 200706053
Location of Structure(s) Treated: 258 S/E 14th ST

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

Section 4: Treatment Information
Date(s) of Treatment(s): 9/24/07 EPA Registration No: 100-1006
Brand Name of Product(s) Used: PRO-BUILD TC
Final Mix Solution: .25% Treatment Area Sq. Ft.: 1998
Linear Ft: 180 S Linear Ft. of Masonry Voids: _____
Total Gallons of Termiticide Applied: 155.25

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

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

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

Name of Applicator(s): Tim Denny Certificate No.: JE103664
Authorized Signature: _____ Date: 9/24/07

RH-NT8/05

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 10-7S-17-09974-212 **Building permit No.** 000026053

Use Classification SFD/UTILITY **Fire:** 0.00

Permit Holder EBE WALTER/PENNYWORTH HOMES **Waste:**

Owner of Building ADRIAN & MAUREEN RODRIGUEZ **Total:** 0.00

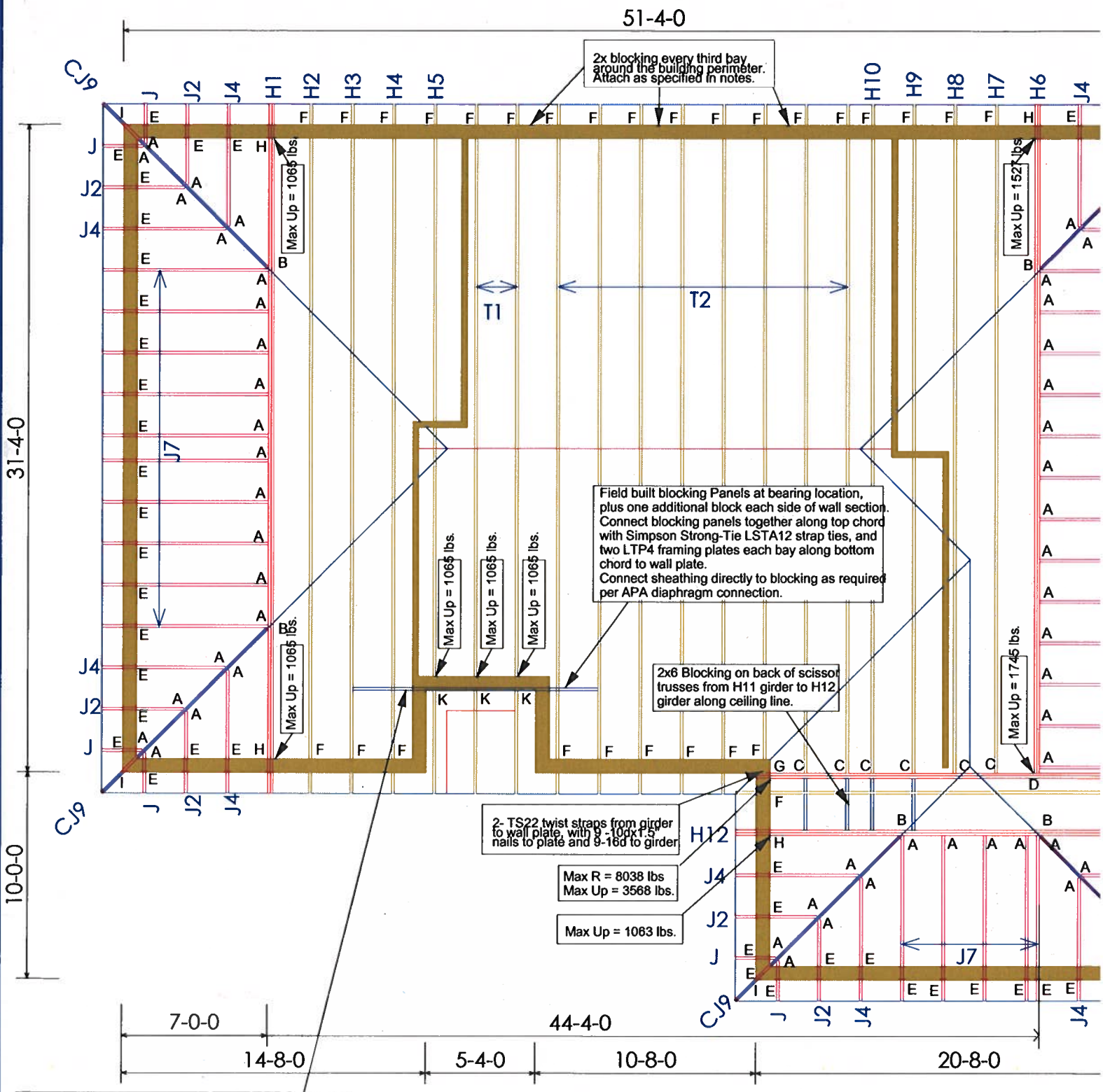
Location: 258 SE ADAMS RD, HIGH SPRINGS, FL

Date: 03/06/2008

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)


51-4-0
31-4-0
10-0-0
7-0-0
14-8-0
5-4-0
10-8-0
20-8-0
44-4-0
2x blocking every third bay around the building perimeter. Attach as specified in notes.
Max Up = 1065 lbs.
Max Up = 1527 lbs.
Max Up = 1745 lbs.
Max Up = 1063 lbs.
T1
T2
J7
Field built blocking Panels at bearing location, plus one additional block each side of wall section. Connect blocking panels together along top chord with Simpson Strong-Tie LSTA12 strap ties, and two LTP4 framing plates each bay along bottom chord to wall plate.
Connect sheathing directly to blocking as required per APA diaphragm connection.
2x6 Blocking on back of scissor trusses from H11 girder to H12 girder along ceiling line.
2- TS22 twist straps from girder to wall plate, with 8 -10dx1.5" nails to plate and 9-16d to girder
Max R = 8038 lbs
Max Up = 3568 lbs.
Solid 2x4 blocking at each edge of wood structural panel.
Fasten bottom chord with Simpson Strong-Tie LTP4 or equivalent at 24" c.c.
15/32" Structural Panel with 10d (0.12" x3.0") at 3" o.c. at all edges.
Blocking Panel