

**Notice of Preventative Treatments for
Subterranean Termites**
(as required by Florida Building Code
(FBC) 104.2.6)

This property will receive
BORA-CARE®

Wood Protection Treatment prior to the
frame inspection of the construction phase

369 SW Canal Pl

Location / address

Disodium Octaborate Tetrahydrate % 0.3
Termiticide a.i. to be used

Date of inspection

Pursuant to Chapter 482.226, Florida Statutes,
this notice is required to be posted. Any
licensee who performs control of any wood-
destroying organism shall post notice of said
treatment immediately adjacent to the access to
the attic or crawl area or other readily accessible
area of property treated.

1621 N.E. 6th Avenue

HOMETEAM

Ocala, Florida 34470

PEST DEFENSE

(352) 368-3845

Job 00001

Fax (352) 368-7956

Date	Inspection	Inspect.	Owner	Pass	Location	Permit
6/15/04	Footer	Randy	Jim Walter Homes - Acuna	OK	Columbia Acres Lot 28	21727
6/15/04	Set Backs	Randy	Jim Walter Homes - Acuna	OK	Columbia Acres Lot 28	21727
7/08/04	Lintel	Randy	Jim Walter Homes	Locked	Columbia Acres Lot 28	21727
7/13/04	Lintel	Randy	Jim Walter Homes - Acuna	OK	Columbia Acres Lot 28	21727
11/17/04	Joist & Girder	Harry	Jim Walter Homes - Acuna	OK	Columbia Acres Lot 28	21727

Per New Contractor: Jim Walter Homes
was fired and they removed all of
the construction from the property.

Permit # 24578 is a new permit
not using any part of the other
construction.

24578

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: ACUNA RES. #2021	Builder: HOMES BY WHITTAKER
Address:	Permitting Office: Colman
City, State: ,	Permit Number: 24578
Owner:	Jurisdiction Number: 221060
Climate Zone: North	

1. New construction or existing ☐ New ☐	12. Cooling systems
2. Single family or multi-family ☐ Single family ☐	a. Central Unit Cap: 42.0 kBtu hr SEER: 13.00
3. Number of units, if multi-family ☐ 1	b. N A
4. Number of Bedrooms ☐ 3	c. N A
5. Is this a worst case? ☐ Yes ☐	13. Heating systems
6. Conditioned floor area (ft²) ☐ 1971 ft²	a. Electric Heat Pump Cap: 42.0 kBtu hr HSPF: 7.70
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)	b. N A
a. U-factor: Description Area	c. N A
(or Single or Double DEFAULT) 7a. (Dble Default) 342.0 ft²	14. Hot water systems
b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 342.0 ft²	a. Electric Resistance Cap: 52.0 gallons EF: 0.90
8. Floor types	b. N A
a. Slab-On-Grade Edge Insulation R=0.0, 222.0(p) ft	c. N A
b. N A	15. HVAC credits
c. N A	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
9. Wall types	
a. Frame, Wood, Adjacent R=11.0, 222.0 ft²	
b. Concrete, Ext Insul. Exterior R=4.1, 1258.0 ft²	
c. N A	
d. N A	
e. N A	
10. Ceiling types	
a. Under Attic R=30.0, 1971.0 ft²	
b. Under Attic R=30.0, 286.0 ft²	
c. N A	
11. Ducts	
a. Sup: Unc. Ret: Unc. AH(Sealed):Garage Sup. R=6.0, 148.0 ft	
b. N A	

Glass/Floor Area: 0.17

Total as-built points: 27975
Total base points: 28688

PASS

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

PREPARED BY: _____

DATE: _____

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



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

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: ACUNA RES. #2021 Address: City, State: , Owner: Climate Zone: North	Builder: HOMES BY WHITTAKER Permitting Office: Permit Number: Jurisdiction Number:
--	---

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? Yes ☐ 6. Conditioned floor area (ft²) 1971 ft² ☐ 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>342.0 ft²</td> </tr> <tr> <td>b. SHGC:</td> <td></td> <td></td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td>7b. (Clear)</td> <td>342.0 ft²</td> </tr> </table> 8. Floor types <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 30%;">R=0.0, 222.0(p) ft</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. N A</td> <td></td> <td></td> </tr> <tr> <td>c. N A</td> <td></td> <td></td> </tr> </table> 9. Wall types <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Frame, Wood, Adjacent</td> <td style="width: 30%;">R=11.0, 222.0 ft²</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. Concrete, Ext Insul, Exterior</td> <td>R=4.1, 1258.0 ft²</td> <td></td> </tr> <tr> <td>c. N A</td> <td></td> <td></td> </tr> <tr> <td>d. N A</td> <td></td> <td></td> </tr> <tr> <td>e. N A</td> <td></td> <td></td> </tr> </table> 10. Ceiling types <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 30%;">R=30.0, 1971.0 ft²</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. Under Attic</td> <td>R=30.0, 286.0 ft²</td> <td></td> </tr> <tr> <td>c. N A</td> <td></td> <td></td> </tr> </table> 11. Ducts <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH(Scaled):Garage</td> <td style="width: 30%;">Sup. R=6.0, 148.0 ft</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. N A</td> <td></td> <td></td> </tr> </table>	a. U-factor:	Description	Area	(or Single or Double DEFAULT)	7a. (Dble Default)	342.0 ft²	b. SHGC:			(or Clear or Tint DEFAULT)	7b. (Clear)	342.0 ft²	a. Slab-On-Grade Edge Insulation	R=0.0, 222.0(p) ft		b. N A			c. N A			a. Frame, Wood, Adjacent	R=11.0, 222.0 ft²		b. Concrete, Ext Insul, Exterior	R=4.1, 1258.0 ft²		c. N A			d. N A			e. N A			a. Under Attic	R=30.0, 1971.0 ft²		b. Under Attic	R=30.0, 286.0 ft²		c. N A			a. Sup: Unc. Ret: Unc. AH(Scaled):Garage	Sup. R=6.0, 148.0 ft		b. N A			12. Cooling systems <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">a. Central Unit</td> <td style="width: 40%;">Cap: 42.0 kBtu hr</td> </tr> <tr> <td></td> <td>SEER: 13.00</td> </tr> <tr> <td>b. N A</td> <td></td> </tr> <tr> <td>c. N A</td> <td></td> </tr> </table> 13. Heating systems <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">a. Electric Heat Pump</td> <td style="width: 40%;">Cap: 42.0 kBtu hr</td> </tr> <tr> <td></td> <td>HSPF: 7.70</td> </tr> <tr> <td>b. N A</td> <td></td> </tr> <tr> <td>c. N A</td> <td></td> </tr> </table> 14. Hot water systems <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">a. Electric Resistance</td> <td style="width: 40%;">Cap: 52.0 gallons</td> </tr> <tr> <td></td> <td>EF: 0.90</td> </tr> <tr> <td>b. N A</td> <td></td> </tr> <tr> <td>c. Conservation credits</td> <td></td> </tr> <tr> <td colspan="2">(HR-Heat recovery, Solar</td> </tr> <tr> <td colspan="2">DHP-Dedicated heat pump)</td> </tr> </table> 15. HVAC credits <table style="width: 100%; border: none;"> <tr> <td colspan="2">(CF-Ceiling fan, CV-Cross ventilation,</td> </tr> <tr> <td colspan="2">HF-Whole house fan,</td> </tr> <tr> <td colspan="2">PT-Programmable Thermostat,</td> </tr> <tr> <td colspan="2">MZ-C-Multizone cooling,</td> </tr> <tr> <td colspan="2">MZ-H-Multizone heating)</td> </tr> </table>	a. Central Unit	Cap: 42.0 kBtu hr		SEER: 13.00	b. N A		c. N A		a. Electric Heat Pump	Cap: 42.0 kBtu hr		HSPF: 7.70	b. N A		c. N A		a. Electric Resistance	Cap: 52.0 gallons		EF: 0.90	b. N A		c. Conservation credits		(HR-Heat recovery, Solar		DHP-Dedicated heat pump)		(CF-Ceiling fan, CV-Cross ventilation,		HF-Whole house fan,		PT-Programmable Thermostat,		MZ-C-Multizone cooling,		MZ-H-Multizone heating)	
a. U-factor:	Description	Area																																																																																								
(or Single or Double DEFAULT)	7a. (Dble Default)	342.0 ft²																																																																																								
b. SHGC:																																																																																										
(or Clear or Tint DEFAULT)	7b. (Clear)	342.0 ft²																																																																																								
a. Slab-On-Grade Edge Insulation	R=0.0, 222.0(p) ft																																																																																									
b. N A																																																																																										
c. N A																																																																																										
a. Frame, Wood, Adjacent	R=11.0, 222.0 ft²																																																																																									
b. Concrete, Ext Insul, Exterior	R=4.1, 1258.0 ft²																																																																																									
c. N A																																																																																										
d. N A																																																																																										
e. N A																																																																																										
a. Under Attic	R=30.0, 1971.0 ft²																																																																																									
b. Under Attic	R=30.0, 286.0 ft²																																																																																									
c. N A																																																																																										
a. Sup: Unc. Ret: Unc. AH(Scaled):Garage	Sup. R=6.0, 148.0 ft																																																																																									
b. N A																																																																																										
a. Central Unit	Cap: 42.0 kBtu hr																																																																																									
	SEER: 13.00																																																																																									
b. N A																																																																																										
c. N A																																																																																										
a. Electric Heat Pump	Cap: 42.0 kBtu hr																																																																																									
	HSPF: 7.70																																																																																									
b. N A																																																																																										
c. N A																																																																																										
a. Electric Resistance	Cap: 52.0 gallons																																																																																									
	EF: 0.90																																																																																									
b. N A																																																																																										
c. Conservation credits																																																																																										
(HR-Heat recovery, Solar																																																																																										
DHP-Dedicated heat pump)																																																																																										
(CF-Ceiling fan, CV-Cross ventilation,																																																																																										
HF-Whole house fan,																																																																																										
PT-Programmable Thermostat,																																																																																										
MZ-C-Multizone cooling,																																																																																										
MZ-H-Multizone heating)																																																																																										

Glass/Floor Area: 0.17

Total as-built points: 27975

Total base points: 28688

PASS

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

PREPARED BY: SUNCOAST INSULATORS
Ocala (352) 829-8157
Newberry (352) 472-8595
DATE: 11-18-2015
Crystal River (352) 795-2559
Sevilla (352) 343-7999

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

OWNER/AGENT: _____
DATE: _____

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

BUILDING OFFICIAL: _____
DATE: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1971.0	20.04	7109.8	Double, Clear	SE	2.0	6.0	22.0	42.75	0.80	754.8
				Double, Clear	N	2.0	6.0	79.0	19.20	0.90	1365.3
				Double, Clear	W	2.0	6.0	49.0	38.52	0.85	1603.4
				Double, Clear	E	2.0	6.0	192.0	42.06	0.85	6848.8
				As-Built Total:				342.0	10572.3		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	222.0	0.70	155.4	Frame, Wood, Adjacent	11.0		222.0	0.70	155.4		
Exterior	1258.0	1.70	2138.6	Concrete, Ext Insul, Exterior	4.1		1258.0	0.63	798.8		
Base Total: 1480.0 2294.0				As-Built Total:		1480.0		954.2			
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	18.0	2.40	43.2	Exterior Insulated			20.0	4.10	82.0		
Exterior	20.0	6.10	122.0	Adjacent Insulated			18.0	1.60	28.8		
Base Total: 38.0 165.2				As-Built Total:		38.0		110.8			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2257.0	1.73	3904.6	Under Attic	30.0		1971.0	1.73 X 1.00	3409.8		
				Under Attic	30.0		286.0	1.73 X 1.00	494.8		
Base Total: 2257.0 3904.6				As-Built Total:		2257.0		3904.6			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	222.0(p)	-37.0	-8214.0	Slab-On-Grade Edge Insulation	0.0		222.0(p)	-41.20	-9146.4		
Raised	0.0	0.00	0.0								
Base Total: -8214.0				As-Built Total:		222.0		-9146.4			
INFILTRATION Area X BSPM = Points						Area X SPM = Points					
1971.0 10.21 20123.9						1971.0 10.21		20123.9			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 25383.5				Summer As-Built Points: 26519.4						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
25383.5	0.4266		10828.6	(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 26519	1.00	(1.09 x 1.147 x 0.95)	0.263	1.000		8269.3
25383.5	0.4266		10828.6	26519.4	1.00	1.188	0.263	1.000		8269.3

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1971.0	12.74	4519.9	Double, Clear	SE	2.0	6.0	22.0	14.71	1.18	380.2
				Double, Clear	N	2.0	6.0	79.0	24.58	1.00	1950.7
				Double, Clear	W	2.0	6.0	49.0	20.73	1.04	1059.1
				Double, Clear	E	2.0	6.0	192.0	18.79	1.06	3826.7
As-Built Total:							342.0	7216.7			
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	222.0	3.60	799.2	Frame, Wood, Adjacent	11.0		222.0	3.60	799.2		
Exterior	1258.0	3.70	4654.6	Concrete, Ext Insul, Exterior	4.1		1258.0	4.89	6145.3		
Base Total:				1480.0		5453.8					
As-Built Total:				1480.0		6944.5					
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	18.0	11.50	207.0	Exterior Insulated			20.0	8.40	168.0		
Exterior	20.0	12.30	246.0	Adjacent Insulated			18.0	8.00	144.0		
Base Total:				38.0		453.0					
As-Built Total:				38.0		312.0					
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2257.0	2.05	4626.8	Under Attic	30.0		1971.0	2.05 X 1.00	4040.5		
				Under Attic	30.0		286.0	2.05 X 1.00	586.3		
Base Total:				2257.0		4626.8					
As-Built Total:				2257.0		4626.8					
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	222.0(p)	8.9	1975.8	Slab-On-Grade Edge Insulation	0.0		222.0(p)	18.80	4173.6		
Raised	0.0	0.00	0.0								
Base Total:				1975.8		4173.6					
As-Built Total:				222.0		4173.6					
INFILTRATION Area X BWPM = Points						Area X WPM = Points					
1971.0 -0.59 -1162.9						1971.0 -0.59 -1162.9					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		15866.5		Winter As-Built Points:				22110.8		
Total Winter Points	X System Multiplier	=	Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	=	Heating Points
15866.5	0.6274		9954.6	(sys 1: Electric Heat Pump 42000 btuh .EFF(7.7) Ducts:Unc(S).Unc(R).Gar(AH).R6.0 22110.8 1.000 (1.069 x 1.169 x 0.95) 0.443 1.000 11624.8 22110.8 1.00 1.187 0.443 1.000 11624.8						

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Credit = Total Multiplier
3		2635.00		7905.0	52.0	0.90	3		1.00	2693.56
					As-Built Total:					8080.7

CODE COMPLIANCE STATUS											
BASE						AS-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points
10829		9955		7905	28688	8269		11625		8081	27975

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.8

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N A	
5. Is this a worst case?	Yes	c. N A	
6. Conditioned floor area (ft ²)	1971 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 42.0 kBtu hr
(or Single or Double DEFAULT) 7a. (Dble Default) 342.0 ft ²			HSPF: 7.70
b. SHGC:		b. N A	
(or Clear or Tint DEFAULT) 7b. (Clear) 342.0 ft ²		c. N A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 222.0(p) ft	a. Electric Resistance	Cap: 52.0 gallons
b. N A			EF: 0.90
c. N A		b. N A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Adjacent	R=11.0, 222.0 ft ²	(HR-Heat recovery, Solar	
b. Concrete, Ext Insul. Exterior	R=4.1, 1258.0 ft ²	DHP-Dedicated heat pump)	
c. N A		15. HVAC credits	
d. N A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1971.0 ft ²	MZ-C-Multizone cooling,	
b. Under Attic	R=30.0, 286.0 ft ²	MZ-H-Multizone heating)	
c. N A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed):Garage Sup. R=6.0, 148.0 ft			
b. N A			

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



*NOTE: The home's estimated energy performance score is only available through the FLA RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA DOE EnergyStarTM 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 Gauge R (Version: FLRCSB v4.0)

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.8

The higher the score, the more efficient the home.

.....

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N A	
5. Is this a worst case?	Yes	c. N A	
6. Conditioned floor area (ft ²)	1971 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 42.0 kBtu hr
(or Single or Double DEFAULT)	7a. (Dble Default) 342.0 ft ²		HSPF: 7.70
b. SHGC:		b. N A	
(or Clear or Tint DEFAULT)	7b. (Clear) 342.0 ft ²	c. N A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 222.0(p) ft	14. Hot water systems	
b. N A		a. Electric Resistance	Cap: 52.0 gallons
c. N A			EF: 0.90
9. Wall types		b. N A	
a. Frame, Wood, Adjacent	R=11.0, 222.0 ft ²	c. Conservation credits	
b. Concrete, Ext Insul, Exterior	R=4.1, 1258.0 ft ²	(HR-Heat recovery, Solar	
c. N A		DHP-Dedicated heat pump)	
d. N A		15. HVAC credits	
e. N A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1971.0 ft ²	PT-Programmable Thermostat,	
b. Under Attic	R=30.0, 286.0 ft ²	MZ-C-Multizone cooling,	
c. N A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed);Garage	Sup. R=6.0, 148.0 ft		
b. N A			

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



*NOTE: The home's estimated energy performance score is only available through the FLA RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA DOE EnergyStarTM 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 Gauge[®] (Version: FLRCSB v4.0)



HOMES BY WHITTAKER, INC.

P.O. Box 771149 • Ocala, Florida 34477 • Phone (352) 873-1343 • Fax (352) 873-1138

May 10, 2006

Columbia County Bldg & Zoning
Joe Haltiwanger
Plans Examiner
135 NE Hernando Ave.
Lake City, Fl 32055

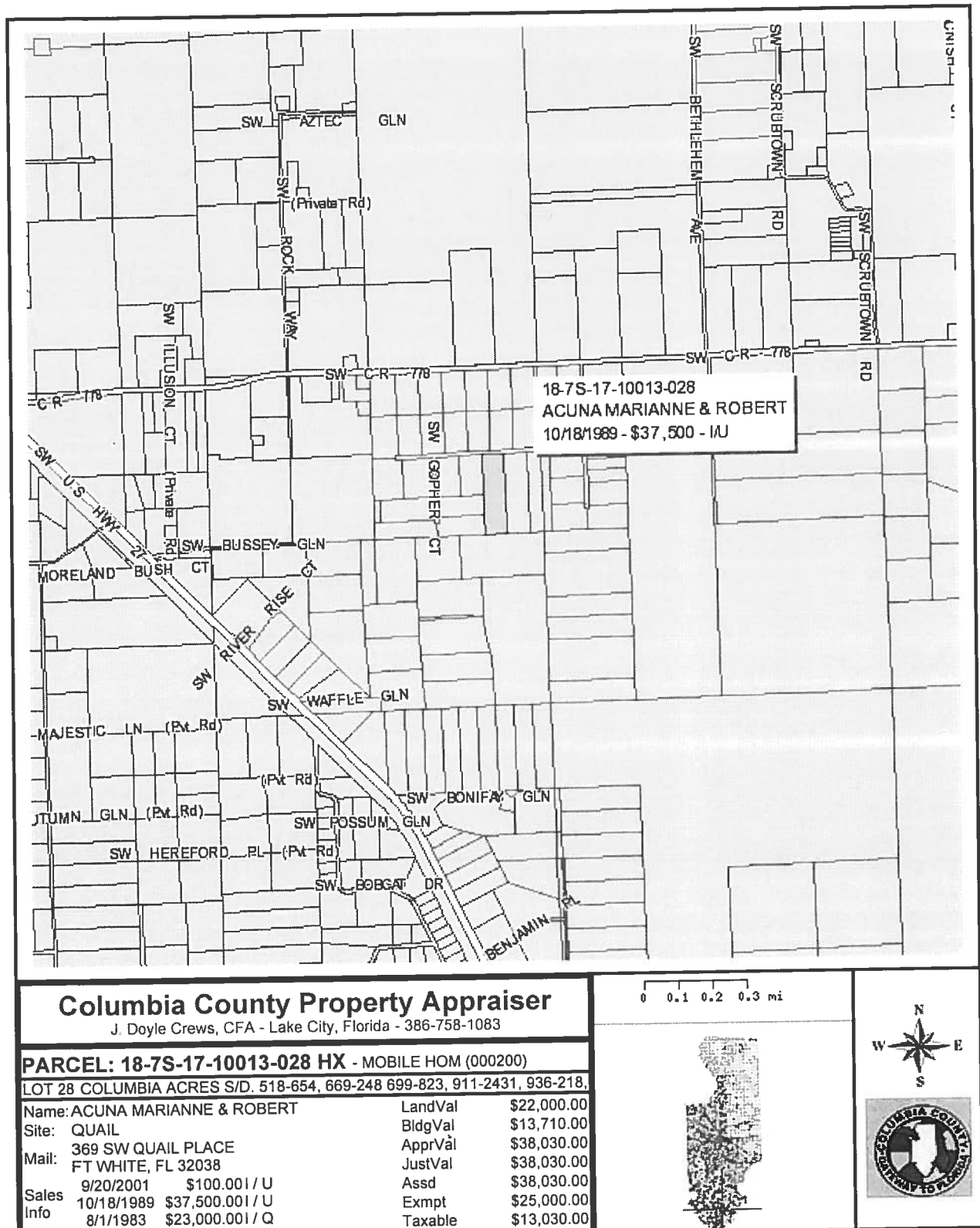
Dear Joe,

Per our conversation, please find the print with all the changes that you require. If you should need anything else please feel free to contact me directly @ 352-274-2529 or 352-342-9507.

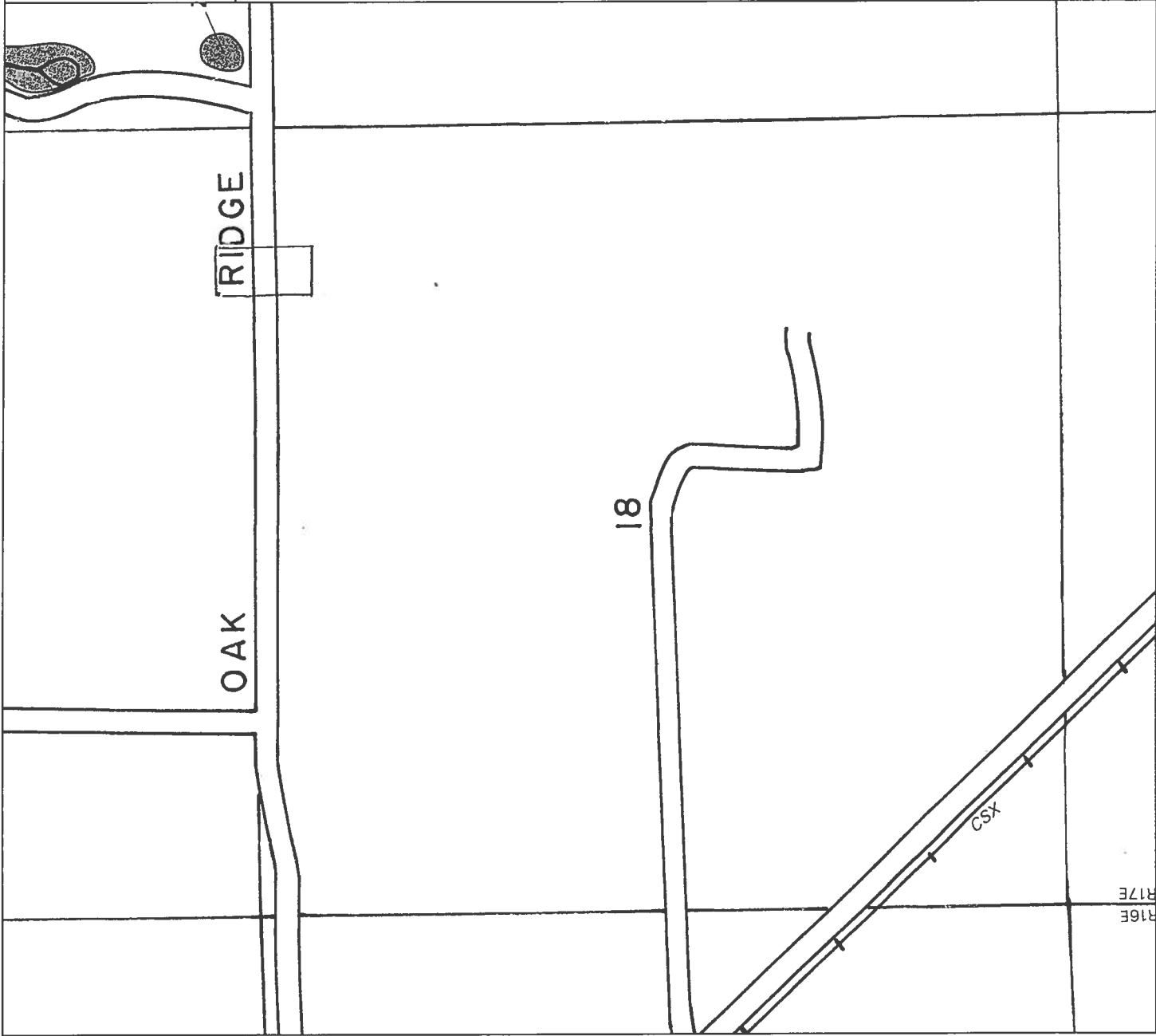
Thank you for your help with this Joe. Have a great day!! ☺☺

Sincerely,

Dawn S. Whelan
Sales Representative



This information, GIS Map Updated: 4/6/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



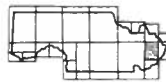
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 260 OF 290

PANEL LOCATION



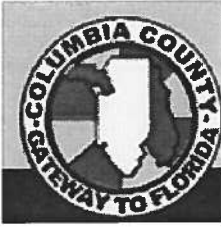
COMMUNITY-PANEL NUMBER
120070 0260 B

EFFECTIVE DATE:
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nfl/isd.



From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: **0604-58**

Homes by Whittaker Owner Paul Wendel 472 SW Sappling Glen.

On the date of April 24, 2006 application 0604-58 and plans for placement of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0604-58 when making reference to this application.

1. Please submit the following information Wind-load Engineering Summary, calculations. Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC
 - A. Basic wind speed (3-second gust), miles per hour (km/hr).
 - B. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.

C. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated.

D. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient.

E. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional.

2. Please include the total height of the structure from the established grade to the highest roof peak.

✓ 3. Please identify on the plans the exterior and interior shear walls.

4. Please identify on the plans that identify that one egress window per each bedroom which will comply with the FBC-2004 Section R310.1.1 Minimum opening area: All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m²).

Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet (0.465 m²); R310.1.2 Minimum opening height. The minimum net clear opening height shall be 24 inches (610 mm); R310.1.3 Minimum opening width. The minimum net clear opening width shall be 20 inches (508 mm).

5. In the garage area show the method of protecting the appliances as required by the Florida Mechanical Code, Sections: 303.4 Protection from damage: Appliances shall not be installed in a location where subject to mechanical damage unless protected by approved barriers.

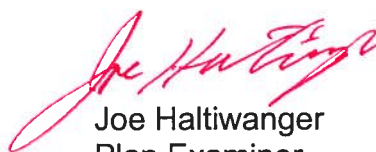
6. Show the method of compliance for sections R309.1.1 of the FRC-2004: Duct penetration: Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage.

7. Please show compliance with the FRC-2004 sections R309 Garage: R309.1 A: Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors.

8. Show on the electrical plans as required by the National Electrical Code article 210.12 that all branch circuits supplying outlets installed within a bedroom shall be protected by Arc-Fault interrupter devices.

9. The electrical plan shows the location of the electrical panel and service entrance. An overcurrent protection device shall be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department

Robert + Marianne Acuna
PID # 18-75-17-10013-028HX

COLUMBIA COUNTY BUILDING DEPARTMENT

**RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR
FLORIDA BUILDING CODE 2001**

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant

Plans Examiner

☒

☒

All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.

☒

☒

Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.

☒

☒

Site Plan including:

- ✓ a) Dimensions of lot
- ✓ b) Dimensions of building set backs
- ✓ c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- ✓ d) Provide a full legal description of property.

☒

☐

Needed

Wind-load Engineering Summary, calculations and any details required

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC
 - a. Basic wind speed (MPH)
 - b. Wind importance factor (I) and building category
 - c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
 - d. The applicable internal pressure coefficient
 - e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

☒

☒

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- g) Number of stories

☒

☒

☒

☒

☒

☒

☐ n/a

☒

☐ n/a

☒

☒

☒

☐ n/a 1 story

☒

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, and bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, material manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

☒	☐
☒	☐
☒	☐
☐	☐
☐ n/a	☐
☐ n/a	☐
☒	☐
☒	☒
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐

Floor Plan including:

- needed*
- needed*
- Rooms labeled and dimensioned
 - Shear walls
 - Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
 - Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
 - Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
 - Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- All posts and/or column footing including size and reinforcing
- Any special support required by soil analysis such as piling
- Location of any vertical steel

Roof System:

- Truss package including:
 - Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 - Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- Conventional Framing Layout including:
 - Rafter size, species and spacing
 - Attachment to wall and uplift
 - Ridge beam sized and valley framing and support details
 - Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- Masonry wall
 - All materials making up wall
 - Block size and mortar type with size and spacing of reinforcement
 - Lintel, tie-beam sizes and reinforcement
 - Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, material manufacturer, fastening requirements and product evaluation with resistance rating)
 - Fire resistant construction (if required)
 - Fireproofing requirements
 - Shoe type of termite treatment (termicide or alternative method)
 - Slab on grade
 - Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - Indicate where pressure treated wood will be placed
 - Provide insulation R value for the following:
 - Attic space
 - Exterior wall cavity
 - Crawl space (if applicable)



24578

ENGINEERING CONSULTANTS IN GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION MATERIALS TESTING

FAX TRANSMITTAL SHEETDate: 10/11/06Company: Columbia County Building and ZoningAttention: Corrie HodsonFax No.: 386-758-2160From: John Dorman

Geo-Tech, Inc.
4000 S.W. 35th Terrace, Suite C
Gainesville, FL 32608
Phone: 352-372-1274
Fax: 352-372-2721

No. of Pages 3 (including cover sheet)Comments: Also being faxed to Mr. Acuna
386-454-8839

Please call if you have any questions, or if all pages were not received.

THE INFORMATION CONTAINED IN THIS FACSIMILE IS LEGALLY PRIVILEGED AND CONFIDENTIAL AND IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPY OF THIS FACSIMILE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR PLEASE NOTIFY US BY PHONE. THANK YOU

GEO-TECH, INC.

ENGINEERING CONSULTANTS IN GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION MATERIALS TESTING

September 16, 2006
Project No. 06141.477

Pat Shackelford
Homes By Whittaker
P. O. Box 771149
Ocala, Florida 34477

Reference: Proposed Acuna Residence
369 Quail Place
Fort White, Columbia County, Florida

Dear Mr. Shackelford,

Geo-Tech, Inc. has completed an investigation and evaluation of the site for the proposed Acuna residence to be constructed at the referenced location in Columbia County, Florida. The purposes of our work were to evaluate the potential for flooding of the home to be constructed at the site and to provide recommendations for selecting a finished floor elevation.

Based upon U.S.G.S. quadrangle maps that include the home site, the centerline of the adjacent roadway, Quail Place, has an elevation of approximately 82.0 feet. This approximate elevation was verified using benchmarks set on site by Delta Land Surveying by which the elevation of the centerline of the roadway was determined to be 81.77 feet. Based upon the benchmark elevations the ground surface at the center of the home site was determined to be approximately 75.0 feet. As proposed the finished floor elevation is to be approximately 1.25 feet above this ground surface elevation or at an elevation of about 76.25 feet. This places the finished floor about 5.5 feet below the centerline of the adjacent roadway.

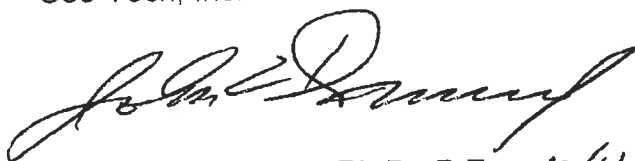
Columbia County regulations require the finished floor of a new residence to be at least 12 inches above the elevation of the adjacent roadway unless it can be shown that such an elevation is not required to substantially reduce the likelihood of flooding.

Based upon U.S.G.S quadrangle maps, the home site is positioned near the north edge of the Santa Fe River basin. Additionally, the home site is topographically higher than a continuous area extending southward from the home site to the Santa Fe River. Given that the Santa Fe River is near elevation 30 feet, flooding of the home site would require flooding within the river basin to depths of up to about 45 feet. Flooding to this extent is considered to be very highly unlikely; therefore, it is our opinion elevating the floor of the residence to 12 inches above the adjacent roadway will not be necessary to substantially reduce the likelihood of flooding.

With reference to the benchmarks set on site, we recommend the finished floor elevation be set at or above an elevation of 76.25 feet.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us if you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Geo-Tech, Inc.



John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

10/4/06
52612



HOMETEAM

PEST DEFENSE®

24578

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

Section 1: Hometeam Pest Defense

Company Address: 1621 NE 6th Avenue City: Ocala State: FL
Zip: 34470-3642 Company Phone No.: 352-368-3845 Business License No.: JB1537

Section 2: Builder Information

Company Name: HOMES BY WHITAKER, INC.
Phone No.: _____

Section 3: Property Information

Building Permit No.: 000024578
Location of Structure(s) Treated: 369 SW QUAIL PL, FORT WHITE, FL, _____

Type of Construction: ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside: _____ Inside: _____ Type Fill: _____

Section 4: Treatment Information

Date(s) of Treatment(s): WILL BE BORA CARE @ FRAMING EPA Registration No.: 64405-1

Brand Name of Product(s) Used: Bora-Care

Final Mix Solution: .23 Treatment Area Sq. Ft.: 3296

Linear Ft. _____ Linear Ft. of Masonry Voids: _____

Total Gallons of Termiticide Applied: _____

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 the rules and laws established by the Florida Department of Agricultural and Consumer Services. Initial _____

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

Attachments (List) _____

Comments _____

Name of Applicator(s): _____ Certification No.: _____

Authorized Signature M. Walton Date 11/08/06



RIDDLE CONSULTING ENGINEERS, INC.

PAUL D. RIDDLE, P.E.

Certificate of Authorization: 00004759

Telephone: (352) 245-7041
Fax: (352) 245-5458

RIDDLE CONSULTING ENGINEERS, INC.
1720 S.E. County Highway 484
Belleview, Florida 34420

March 29, 2007

HOMES BY WHITTAKER, INC.
6913 S.W. State Road 200
Ocala, Florida 34476

RE: ACUNA RESIDENCE #2021
Columbia County
Permit No. 24578

Dear Mr. Whittaker:

I have reviewed the construction of the above structure concerning a 1"-1.5" lip (overhang) of the masonry projecting out from the foundation.

In nearly all conditions, the lip occurs at areas of the house with light truss loading. Hip jacks spanning 7' bear on these walls. The resulting eccentric loading of the roof on the foundation is minimal in these areas and will not result in a structural problem.

Similarly, the void or spoiling of concrete on the corner of the master bath is not a problem as there is virtually no roof load in this area. The filled cells at the corners with rebar and concrete will insure that this is a cosmetic issue only.

A lip / overhang condition also exists at the garage door near the master bath, but the filled cell with rebar at the end of the garage door lintel provides an adequate connection to the foundation.

Structurally, I do not feel that any of the above issues will present a problem. All can be addressed with cosmetic (stucco) corrections. If there are any questions with regards to this matter, please let me know.

Sincerely,

RIDDLE CONSULTING ENGINEERS, INC.

Paul D. Riddle, P.E.

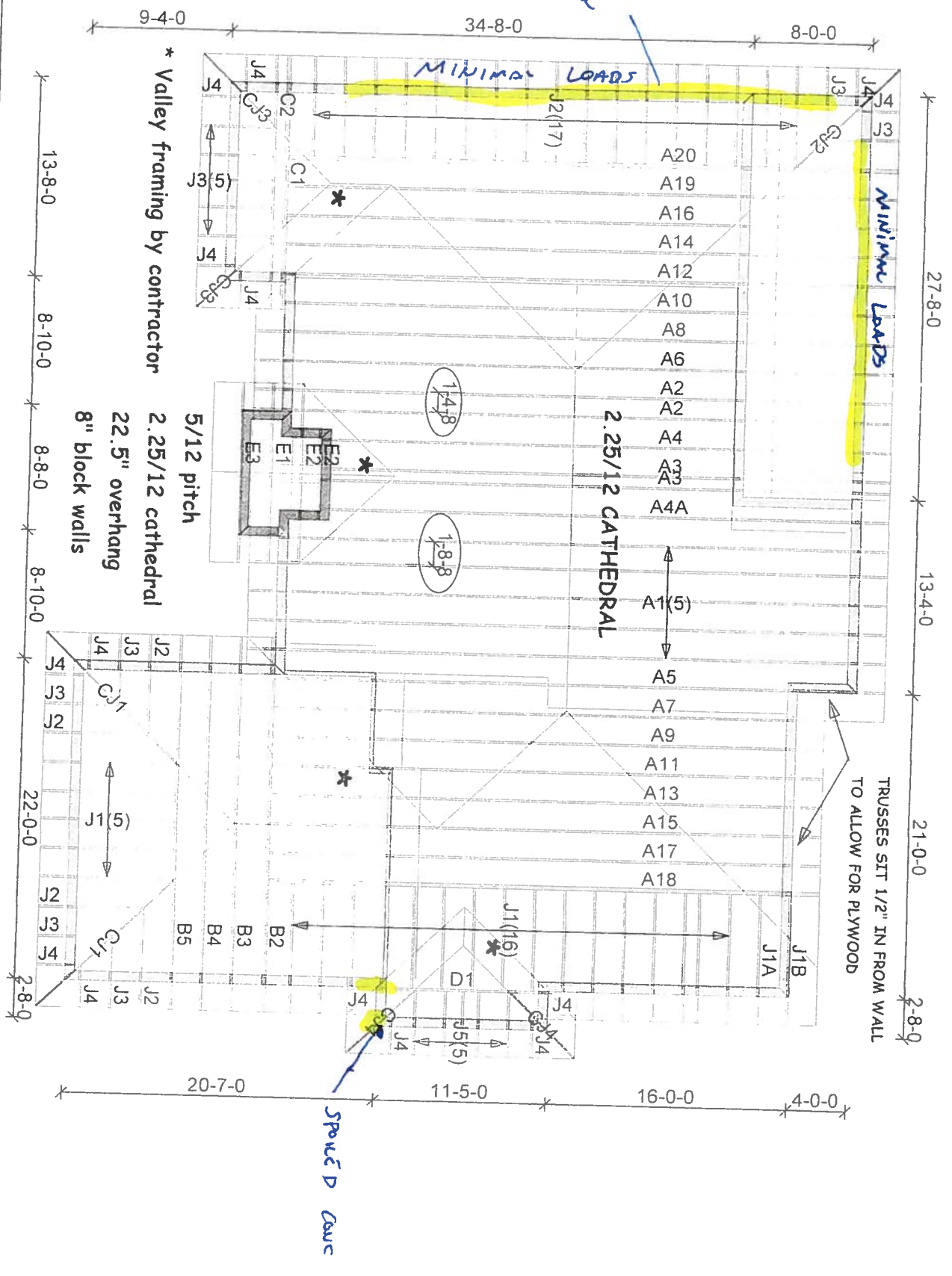
President 3-27-07

PDR:pdr

1836985

Attachments: ROOF LOADING WITH PROBLEM AREAS HIGHLIGHTED

Permit 24578



yellow =
1" - 1.5"
L-19
CONDITOR

MINIMUM LOADS

MINIMUM LOADS

2.25/12 CATHEDRAL

5/12 pitch

2.25/12 cathedral
22.5" overhang
8" block walls

* Valley framing by contractor

TRUSSES SIT 1/2" IN FROM WALL
TO ALLOW FOR PLYWOOD

SPURD CASE

Mayo Truss Co. Inc.

845 East US 27

MAYO, FL 32066

(386)294-3988

(877)-558-0262

HOMES BY WHITTAKER

ACUNA (#2021)

110 MPH ASCE WIND LOAD

Roof Loading

TC Live: 20.00 psf

TC Dead: 10.00 psf

BC Live: 0.00 psf

BC Dead: 10.00 psf

TC Stress Inc: 25.00

BC Stress Inc: 25.00

Spacing: 2'-0" o.c.

Account: CONTRACTORS

Job: WHITT-ACUNA

Designer: M.MURRAY

Checker: M.MURRAY

Date: 01-17-07

THIS REPAIR IS BASED ON INFORMATION RECEIVED FROM THE TRUSS FABRICATOR. TRUSS MUST BE IN ORIGINAL UNDEFLECTED POSITION PRIOR TO CARRYING OUT REPAIR SPECS. PROVIDE TEMPORARY SUPPORT TO TRUSS. APPLY ALL NAILS TO AVOID DAMAGING OF LUMBER AND LOOSENING OF PLATES AT JOINTS.

REPAIR PROBLEM:

T07010925-A4A REQUIRES FIELD ALTERATION TO ACCOMMODATE A NEW BOTTOM CHORD PROFILE.

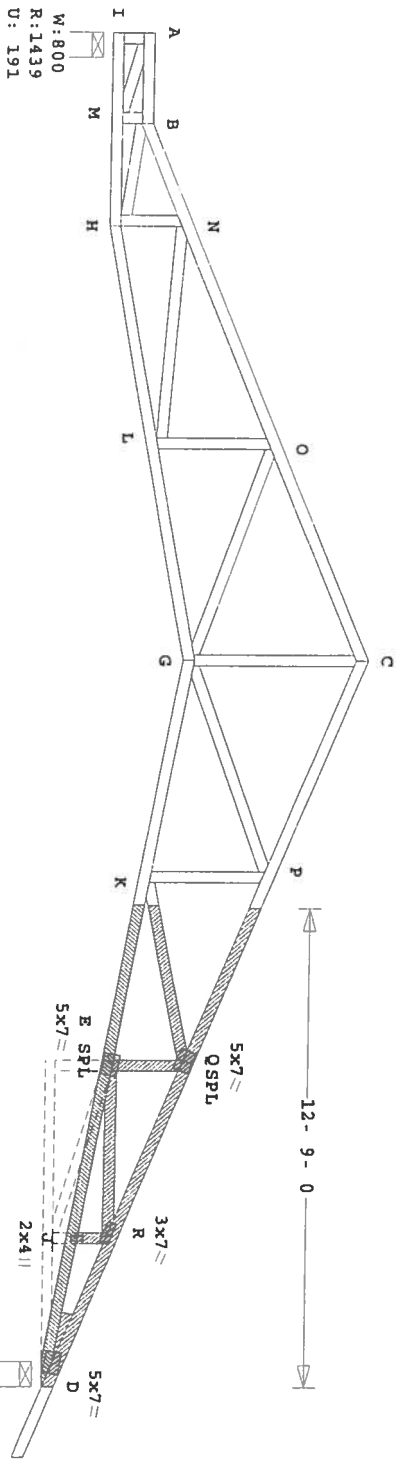
REPAIR SOLUTION:

- 1) ATTACH A SHOP FABRICATED JACK SCAB (SHADED) TO ONE FACE OF EXISTING TRUSS WITH (2) ROWS OF 10D COMMON NAILS AT 3 0" O. C., PER ROW, STAGGERED THROUGHOUT MATCHING MEMBERS.
- 2) USE A CARBIDE TIP BLADE TO CAREFULLY REMOVE DASHED PORTION OF EXISTING TRUSS.
- 3) REMAINDER OF CONNECTOR PLATES MUST BE INTACT AND FULLY EMBEDDED.
- 4) JACK SCAB LUMBER AND CONNECTOR PLATES AS SHOWN.

JACK SCAB LUMBER

TC: 2X4 SP-#2
BC: 2X4 SP-#1
WEBS: 2X4 SP-#2
WEDGE: 2X4 SP-#2

Date Sealed: 2/12/2007



ALL PLATES ARE LOCK20

Paint 245-28

U# J#WHITT-ACUNA ACUNA RESIDENCE

Job

Mark

Quan

Type

Span

Pl-HI

Left OH

Right OH

Scale 0 188" = 1'

WHITT-ACUNA

A4A-FXKP

1

SP

360000

5

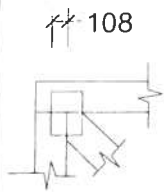
0

1-10-8

Single Drawing
T07020906

ROBBINS ENG. GENERAL NOTES & SYMBOLS

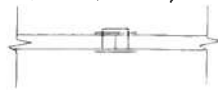
PLATE LOCATION



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

FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



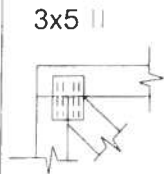
(W) = Wide Face Plate
(N) = Narrow Face Plate

LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.



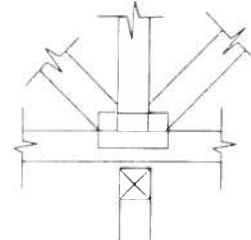
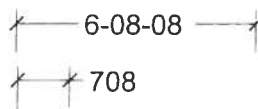
PLATE SIZE AND ORIENTATION



The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).



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

BEARING

When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before erecting this truss. If necessary, shim bearings to assure solid contact with truss.

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

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

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



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

www.robbsinseng.com

FOUNDATION was built 8" sheet
- ADD 8" x 20" deep strip
footings TO CORNER TO
APPROVED DIMENSIONS



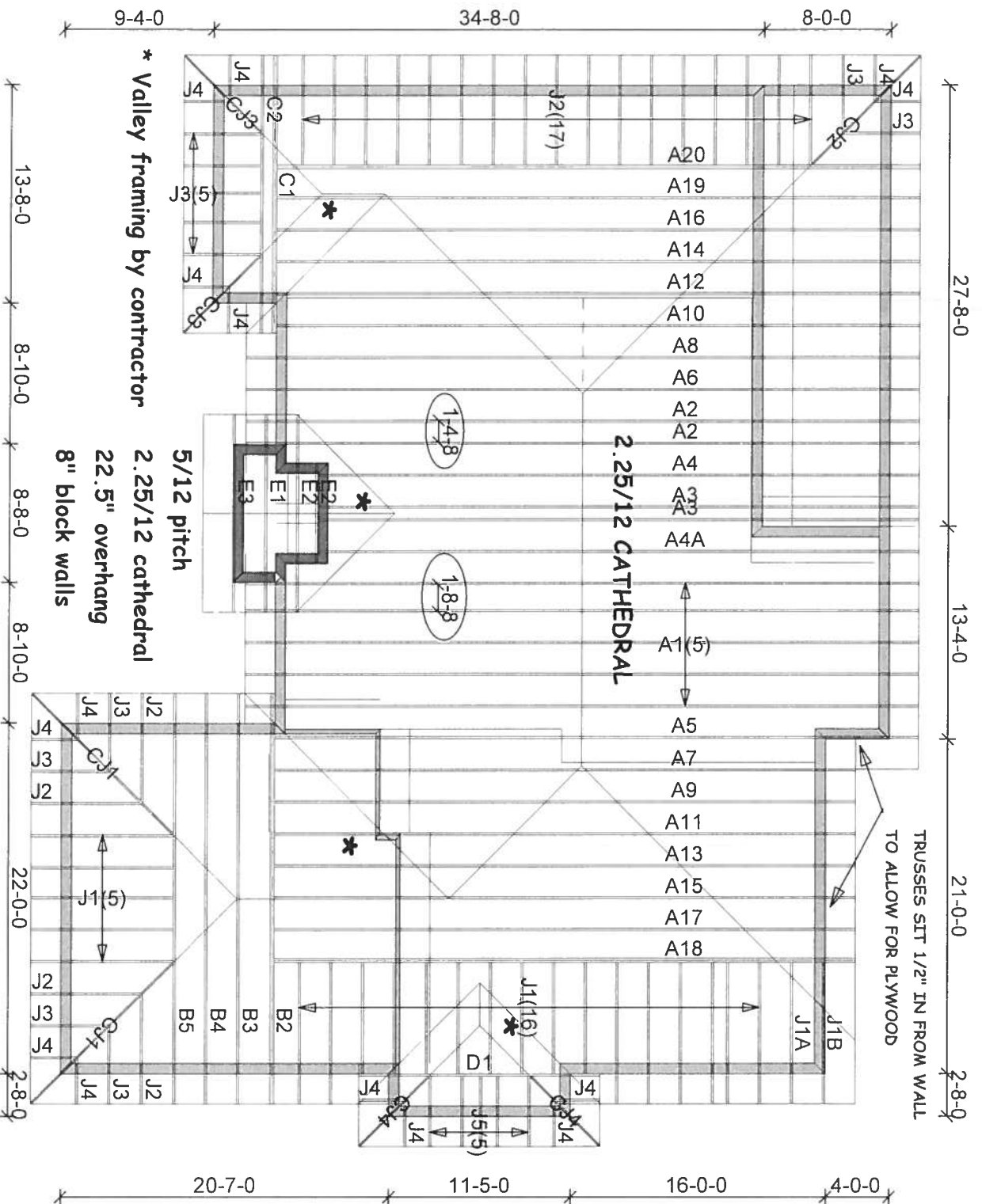
Primit

WHITTAKER
ACUNA RES.

$$\frac{2}{5} \times 7$$

1-25-07

PAUL D. RIDDLE, P.E.
NO. 38888, FLORIDA
RIDDLE CONSULTING ENGINEERS, INC.
1720 S.E. County Highway 484
Belleview, FL 34420
(352) 245-7041 Fax (352) 245-5458
Certificate of Authorization No. 00004759



Mayo Truss Co. Inc.

845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-538-6262

HOMES BY WHITTAKER

ACUNA (#2021)

Permit 24578

110 MPH ASCE WIND LOAD

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

Account: CONTRACTORS
Job: WHITT-ACUNA
Designer: M.MURRAY
Checker: M.MURRAY
Date: 01-17-07

Permit Number: _____ Lot Number: _____
 Miscellaneous: _____ Address: _____

The information in this box is for administrative purposes only and is not part of the engineering review

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: WHITT-ACUNA - ACUNA RESIDENCE

Standard Loading:

T C Live 20 psf
 T C Dead 10 psf
 B C Live 0 psf
 B C Dead 10 psf
 Total 40 psf

**ROBBINS
ENGINEERING, INC.**

P.O. Box 280055
 Tampa, FL 33682-0055
 Phone (813) 972-1135

Engineering Index Sheet

Index Page 1 of 1

ANSI/ASCE 7-02
 Wind Speed - 110 MPH
 Mean Roof Ht - 15 FT
 Exposure Category - B
 Occupancy Factor - 1.00
 C and C
 Enclosed

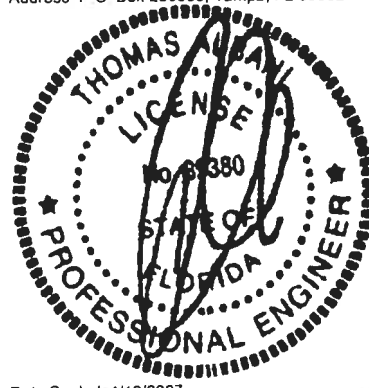
Job Number T07010925 Date 01/10/2007 FBC - 2004 Chapter 16 and 23 Specification Quantity 42

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-2002, Section 2.2. Permanent files of the original Truss Specification Sheet are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Software - Online Plus)

Notes: Refer to individual truss design drawings for special loading conditions.

Date Mark			Date Mark			Date Mark			Date Mark		
1	01/10/07	A1	2	01/10/07	A2	3	01/10/07	A3	4	01/10/07	A4
5	01/10/07	A4A	6	01/10/07	A5	7	01/10/07	A6	8	01/10/07	A7
9	01/10/07	A8	10	01/10/07	A9	11	01/10/07	A10	12	01/10/07	A11
13	01/10/07	A12	14	01/10/07	A13	15	01/10/07	A14	16	01/10/07	A15
17	01/10/07	A16	18	01/10/07	A17	19	01/10/07	A18	20	01/10/07	A19
21	01/10/07	A20	22	01/10/07	B2	23	01/10/07	B3	24	01/10/07	B4
25	01/10/07	B5	26	01/10/07	C1	27	01/10/07	C2	28	01/10/07	D1
29	01/10/07	E1	30	01/10/07	E2	31	01/10/07	E3	32	01/10/07	CJ1
33	01/10/07	CJ2	34	01/10/07	CJ3	35	01/10/07	CJ4	36	01/10/07	J1
37	01/10/07	J1A	38	01/10/07	J1B	39	01/10/07	J2	40	01/10/07	J3
41	01/10/07	J5	42	01/10/07	J4						

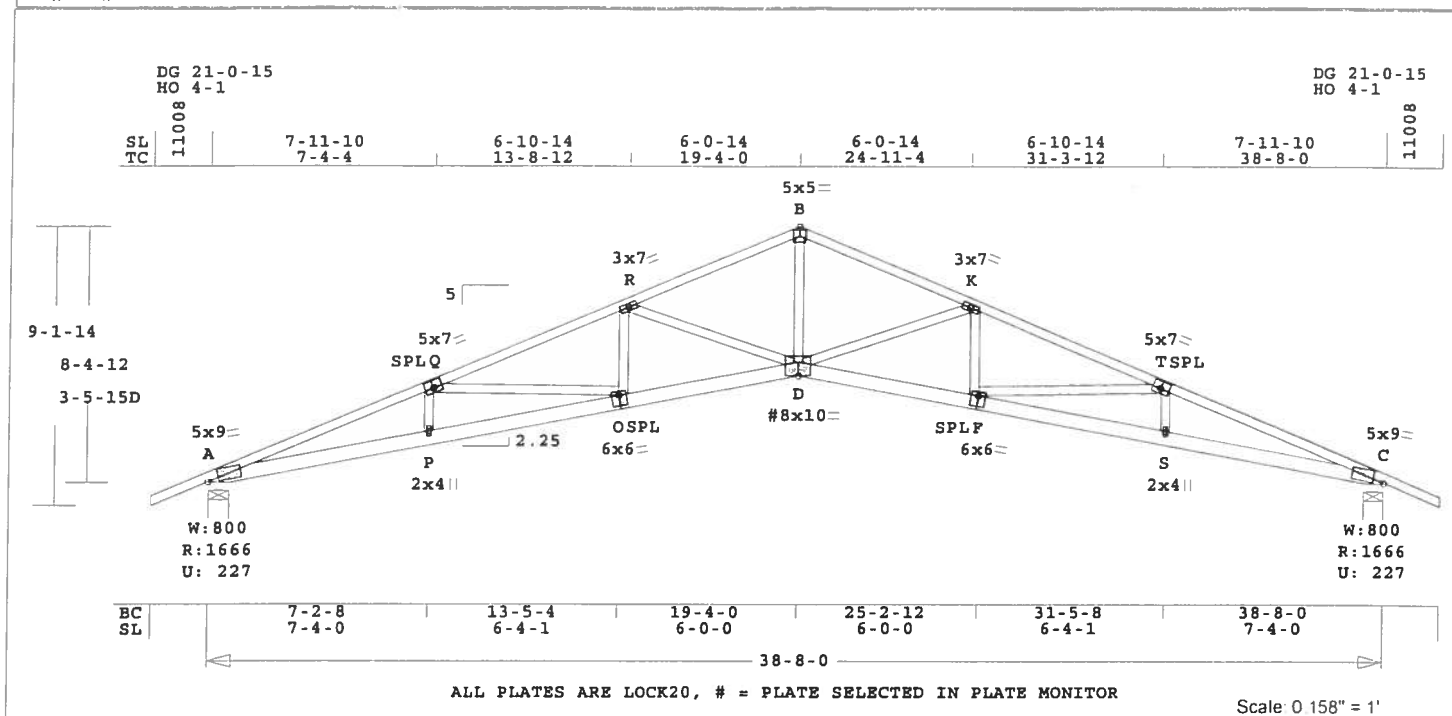
Truss Design Engineer Thomas A. Albani
 License # 39380
 Address P.O. Box 280055, Tampa, FL 33682



Date Sealed 1/10/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A1	5	SCIS	380800	5	1-10- 8	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 267.9 LBS

F -S	0.85	5139	T	0.62	0.23
S -C	0.84	5122	T	0.62	0.22

NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI	Size	Lumber
TC	0.85	2x 4 SP-#2
BC	0.85	2x 6 SP-#2
WB	0.49	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	38- 8- 0
BC Cont.	0- 0- 0	38- 8- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1666	227	8- 0	1-15
			Hz =	-157
C	1667	227	8- 0	1-15
			Hz =	158

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -Q	0.84	5464	C	0.42 0.42
Q -R	0.85	4621	C	0.36 0.49
R -B	0.45	3518	C	0.19 0.26
B -K	0.45	3518	C	0.19 0.26
K -T	0.85	4621	C	0.36 0.49
T -C	0.84	5464	C	0.42 0.42
-----Bottom Chords-----				
A -P	0.84	5122	T	0.62 0.22
P -O	0.85	5139	T	0.62 0.23
O -D	0.57	4342	T	0.52 0.05
D -F	0.57	4342	T	0.52 0.05

TL Defl	-0.96"	in O -D	L/465
LL Defl	-0.48"	in O -D	L/942
Hz Disp	LL	DL	TL
Jt C	0.27"	0.27"	0.54"
Shear //	Grain	in Q -R	0.24

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Jt Type	Plt Size	X	Y
A LOCK	5.0x	9.0	Ctr Ctr 0.99
Q LOCK	5.0x	7.0-0.2	0.5 0.77
R LOCK	3.0x	7.0	Ctr Ctr 0.40
B LOCK	5.0x	5.0	Ctr Ctr 0.75
K LOCK	3.0x	7.0	Ctr Ctr 0.40
T LOCK	5.0x	7.0	0.2 0.5 0.77
C LOCK	5.0x	9.0	Ctr Ctr 0.99
P LOCK	2.0x	4.0	Ctr Ctr 0.47
O LOCK	6.0x	6.0	0.2-1.2 0.81
D# LOCK	8.0x10.0	Ctr	-1.6 0.66
F LOCK	6.0x	6.0-0.2-1.2	0.81
S LOCK	2.0x	4.0	Ctr Ctr 0.47

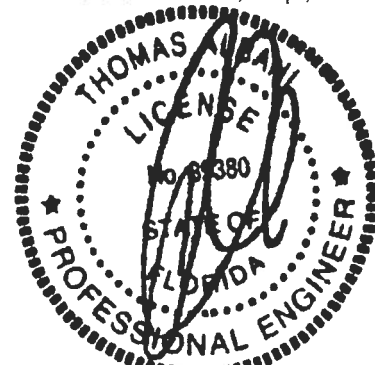
= Plate Monitor used

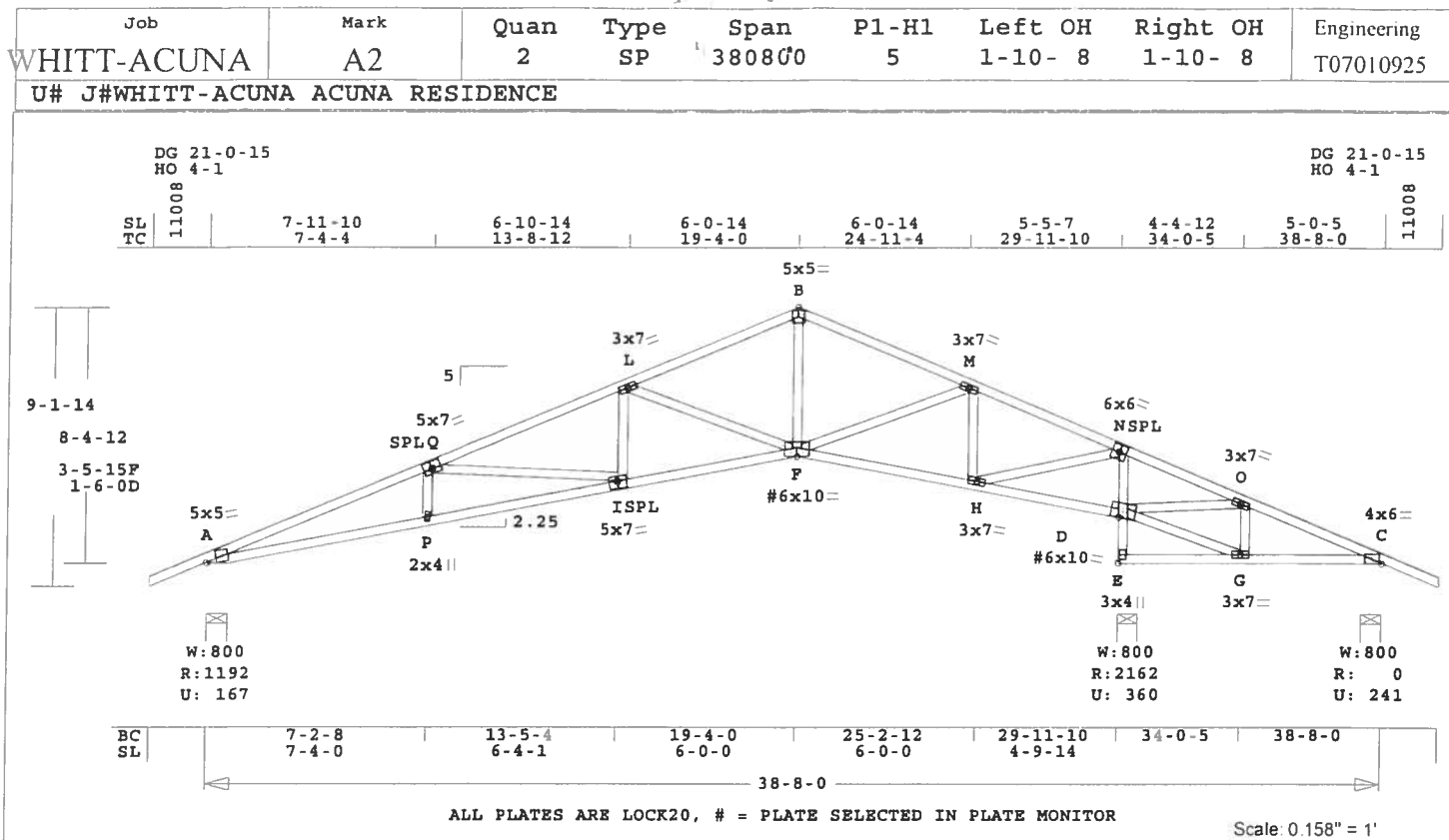
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 5464 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 250.9 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI	Size	Lumber
TC	0.57	2x 4 SP-#2
BC	0.76	2x 4 SP-#2
CW	0.22	2x 4 SP-#2
WB	0.47	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	38- 8- 0
BC Cont.	0- 0- 0	38- 8- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1193	168	8- 0	1- 8
			Hz =	-159
E	2163	360	8- 0	2- 7
C	0	242	8- 0	1- 8
			Hz =	158

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -Q	0.48	3358 C	0.07 0.41
Q -L	0.42	2400 C	0.09 0.33
L -B	0.36	1366 C	0.01 0.35
B -M	0.31	1363 C	0.08 0.23
M -N	0.27	599 C	0.00 0.27
N -O	0.57	1990 T	0.34 0.23
O -C	0.31	724 T	0.12 0.19
-----Bottom Chords-----			
A -P	0.76	3139 T	0.52 0.24
P -I	0.69	3146 T	0.52 0.17
I -F	0.65	2262 T	0.38 0.27
F -H	0.30	558 T	0.09 0.21
H -D	0.20	1875 C	0.00 0.20
E -G	0.14	63 C	0.00 0.14
G -C	0.15	656 C	0.00 0.15
-----Chord-Webs-----			
E -D	0.22	2138 C	0.03 0.19

D -N	0.16	1831 C	0.16	0.00
-----Webs-----				
P -Q	0.03	235 T		
Q -I	0.44	875 C		
I -L	0.06	424 T		
L -F	0.47	1024 C		
F -B	0.13	721 T		
F -M	0.13	743 T		
H -M	0.13	875 C		
H -N	0.45	2463 T		
D -O	0.25	1186 C		
D -G	0.15	630 C		
G -O	0.06	372 T		

TL Defl -0.50" in P -I L/704
LL Defl -0.24" in P -I L/999
Hz Disp LL DL TL
Jt E 0.09" 0.09" 0.19"
Shear // Grain in A -Q 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - RHS	20 Ga	Gross Area	
Jt Type	Plt Size	X	Y JSI
A LOCK	5.0x 5.0	2.2	1.1 0.97
Q LOCK	5.0x 7.0	0.2	0.5 0.77
L LOCK	3.0x 7.0	Ctr	Ctr 0.40
B LOCK	5.0x 5.0	Ctr	Ctr 0.71
M LOCK	3.0x 7.0	Ctr	Ctr 0.40
N LOCK	6.0x 6.0	Ctr	Ctr 0.84
O LOCK	3.0x 7.0	Ctr	Ctr 0.42
C LOCK	4.0x 6.0	Ctr	0.1 0.75
P LOCK	2.0x 4.0	Ctr	Ctr 0.47
I LOCK	5.0x 7.0	0.1-0.5	0.78
F# LOCK	6.0x10.0	Ctr	0.6 0.67
H LOCK	3.0x 7.0	Ctr	Ctr 0.78
D# LOCK	6.0x10.0	0.2	1.0 0.68
E LOCK	3.0x 4.0	Ctr	Ctr 0.75
G LOCK	3.0x 7.0	Ctr	Ctr 0.50

= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

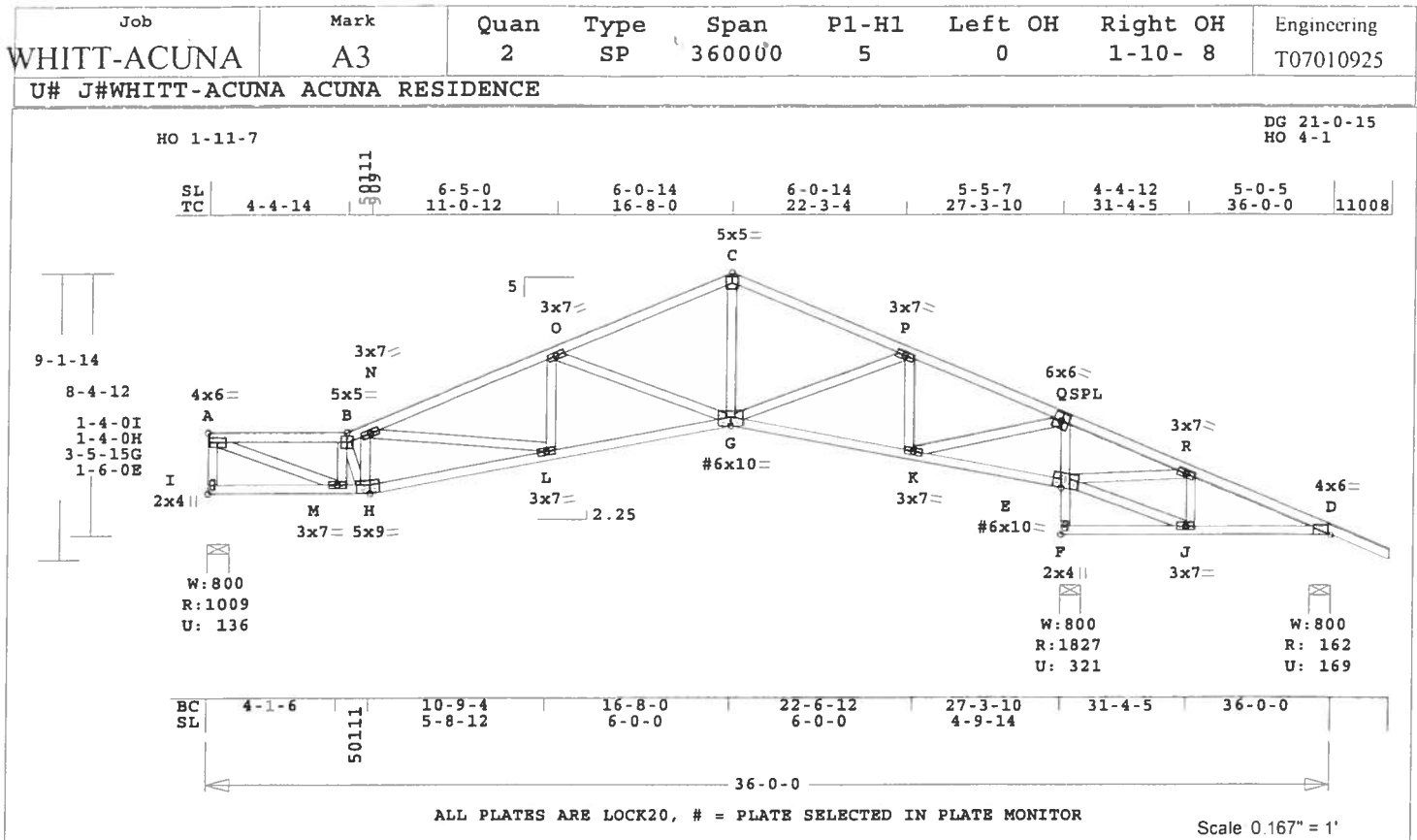
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
29-11-10 38- 8- 0
Max comp. force 3358 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 250.5 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber----
TC 0.42 2x 4 SP-#2
BC 0.54 2x 4 SP-#2
CW 0.16 2x 4 SP-#2
WB 0.41 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 36- 0- 0
BC Cont. 0- 0- 0 36- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
I	1010	137	8- 0	1- 8
			Hx =	-167
F	1828	321	8- 0	2- 1
D	162	169	8- 0	1- 8
			Hx =	133

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -B	0.24	2079 C	0.03 0.21
B -N	0.26	2203 C	0.12 0.14
N -O	0.38	2080 C	0.12 0.26
O -C	0.34	1351 C	0.08 0.26
C -P	0.30	1349 C	0.07 0.23
P -Q	0.28	857 C	0.05 0.23
Q -R	0.42	1217 T	0.21 0.21
R -D	0.22	276 T	0.05 0.17
-----Bottom Chords-----			
I -M	0.11	161 T	0.00 0.11
M -H	0.38	2127 T	0.35 0.03
H -L	0.45	2162 T	0.36 0.09
L -G	0.54	1960 T	0.33 0.21
G -K	0.28	804 T	0.13 0.15
K -E	0.18	1142 C	0.00 0.18
E -J	0.13	48 C	0.00 0.13
J -D	0.13	256 C	0.00 0.13
-----Chord-Webs-----			
F -E	0.16	1801 C	0.16 0.00

E -Q 0.14 1519 C 0.14 0.00
-----Webs-----
I -A 0.09 962 C WindLd
A -M 0.41 2242 T
M -B 0.07 788 C
B -H 0.00 58 C
H -N 0.03 293 C
N -L 0.09 204 C
L -O 0.04 277 T
O -G 0.33 723 C
G -C 0.13 706 T
C -P 0.08 476 T
P -K 0.10 682 C
K -Q 0.36 1968 T
E -R 0.18 880 C
E -J 0.05 250 C
J -R 0.03 257 T

TL Defl -0.23" in H -L L/999
LL Defl -0.10" in H -L L/999
Hz Disp LL DL TL
Jt F 0.04" 0.04" 0.07"
Shear // Grain in B -N 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.75
B LOCK 5.0x 5.0 Ctr Ctr 0.90
N LOCK 3.0x 7.0 Ctr Ctr 0.40
O LOCK 3.0x 7.0 Ctr Ctr 0.39
C LOCK 5.0x 5.0 Ctr Ctr 0.69
P LOCK 3.0x 7.0 Ctr Ctr 0.39
Q LOCK 6.0x 6.0 Ctr Ctr 0.81
R LOCK 3.0x 7.0 Ctr Ctr 0.41
D LOCK 4.0x 6.0 Ctr 0.1 0.72
I LOCK 2.0x 4.0 Ctr Ctr 0.50
M LOCK 3.0x 7.0 Ctr Ctr 0.73
H LOCK 5.0x 9.0-0.8 2.9 0.74
L LOCK 3.0x 7.0 Ctr Ctr 0.84
G# LOCK 6.0x10.0 Ctr-0.6 0.64
K LOCK 3.0x 7.0 Ctr Ctr 0.62
E# LOCK 6.0x10.0 0.2 1.1 0.68
F LOCK 2.0x 4.0 Ctr Ctr 0.97
J LOCK 3.0x 7.0 Ctr Ctr 0.49

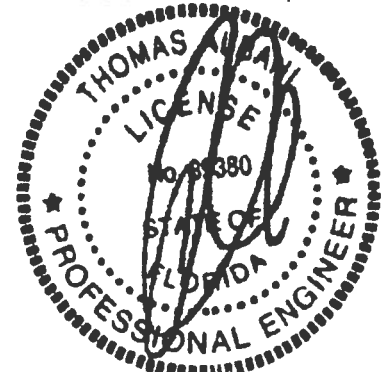
= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

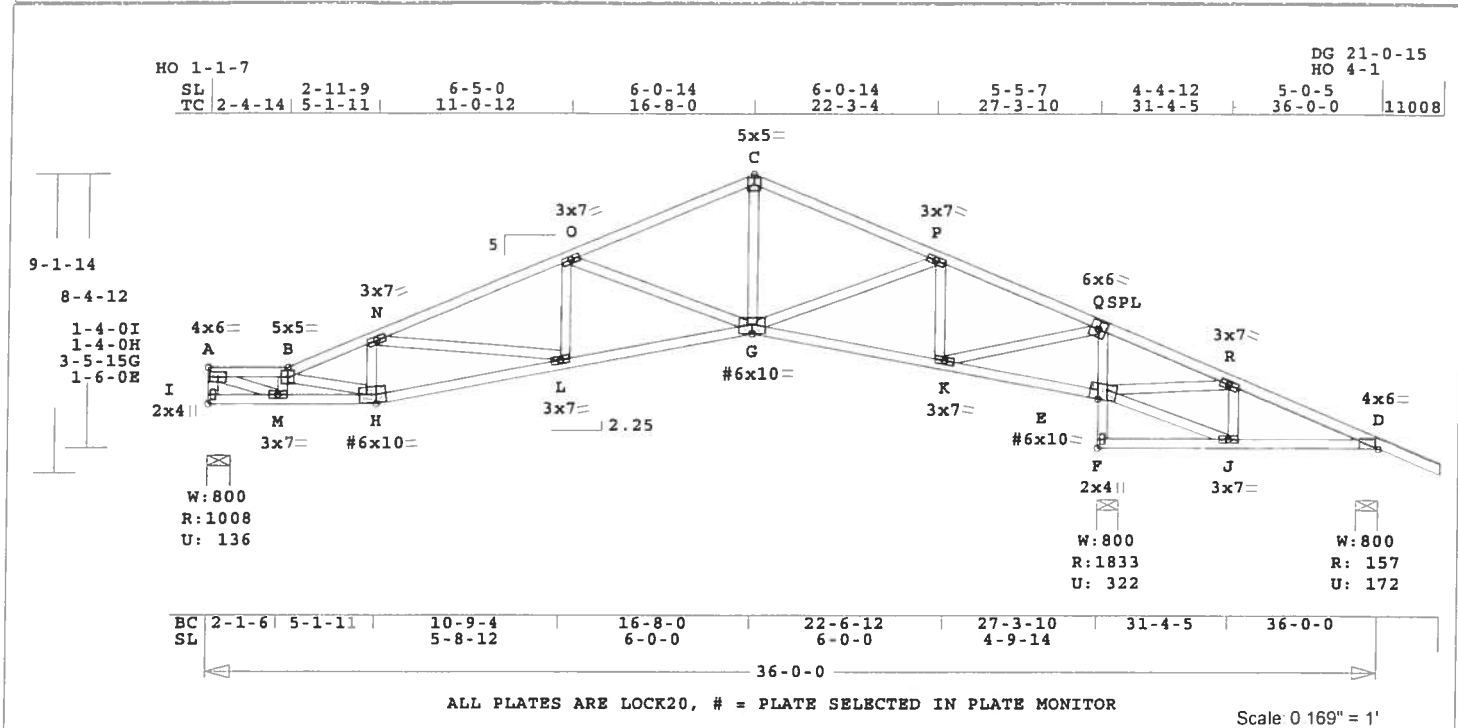
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
27- 3-10 36- 0- 0
Max comp. force 2203 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A4	1	SP	360000	5	0	1-10-8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 245.6 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ---Lumber---
TC 0.42 2x 4 SP-#2
BC 0.58 2x 4 SP-#2
CW 0.16 2x 4 SP-#2
WB 0.43 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 36- 0- 0
BC Cont. 0- 0- 0 36- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React	Uplift	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
I	1008	136	8- 0	1- 8
			Hz =	-153
F	1834	323	8- 0	2- 1
D	158	173	8- 0	1- 8
			Hz =	137

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A - B	0.14	2211 C	0.12 0.02
B - N	0.27	2256 C	0.13 0.14
N - O	0.38	2076 C	0.12 0.26
O - C	0.34	1346 C	0.08 0.26
C - P	0.30	1344 C	0.07 0.23
P - Q	0.28	847 C	0.05 0.23
Q - R	0.42	1236 T	0.21 0.21
R - D	0.22	287 T	0.05 0.17
-----Bottom Chords-----			
I - M	0.19	143 T	0.00 0.19
M - H	0.58	2356 T	0.39 0.19
H - L	0.45	2155 T	0.36 0.09
L - G	0.54	1956 T	0.33 0.21
G - K	0.28	794 T	0.13 0.15
K - E	0.18	1160 C	0.00 0.18
F - J	0.13	48 C	0.00 0.13
J - D	0.13	261 C	0.00 0.13
-----Chord-Webs-----			
F - E	0.16	1807 C	0.02 0.14

E - Q	0.14	1525 C	0.14	0.00
-----Webs-----				
I - A	0.08	936 C	WindLd	
A - M	0.43	2374 T		
M - B	0.08	925 C		
B - H	0.03	250 C		
H - N	0.02	213 C		
N - L	0.08	200 C		
L - O	0.04	278 T		
O - G	0.33	724 C		
G - C	0.12	702 T		
C - P	0.08	481 T		
K - P	0.10	685 C		
K - Q	0.36	1977 T		
E - R	0.19	888 C		
E - J	0.06	255 C		
J - R	0.03	259 T		

TL Defl -0.24" in H -L L/999
LL Defl -0.11" in H -L L/999
Hz Disp LL DL TL
Jt F 0.04" 0.04" 0.08"
Shear // Grain in N -O 0.22

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.75
B LOCK 5.0x 5.0 Ctr Ctr 0.90
N LOCK 3.0x 7.0 Ctr Ctr 0.40
O LOCK 3.0x 7.0 Ctr Ctr 0.39
C LOCK 5.0x 5.0 Ctr Ctr 0.69
P LOCK 3.0x 7.0 Ctr Ctr 0.39
Q LOCK 6.0x 6.0 Ctr Ctr 0.81
R LOCK 3.0x 7.0 Ctr Ctr 0.41
D LOCK 4.0x 6.0 Ctr 0.1 0.72
I LOCK 2.0x 4.0 Ctr Ctr 0.50
M LOCK 3.0x 7.0 Ctr Ctr 0.76
H# LOCK 6.0x10.0-1.3 3.5 0.69
L LOCK 3.0x 7.0 Ctr Ctr 0.84
G# LOCK 6.0x10.0 Ctr-0.6 0.64
K LOCK 3.0x 7.0 Ctr Ctr 0.62
E# LOCK 6.0x10.0 0.2 1.0 0.67
F LOCK 2.0x 4.0 Ctr Ctr 0.98
J LOCK 3.0x 7.0 Ctr Ctr 0.49

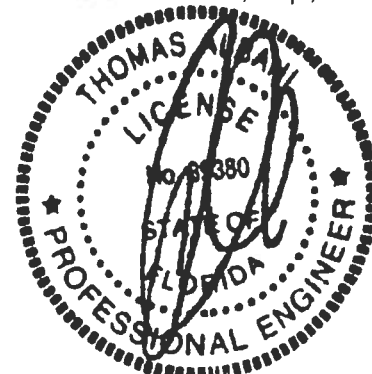
= Plate Monitor used

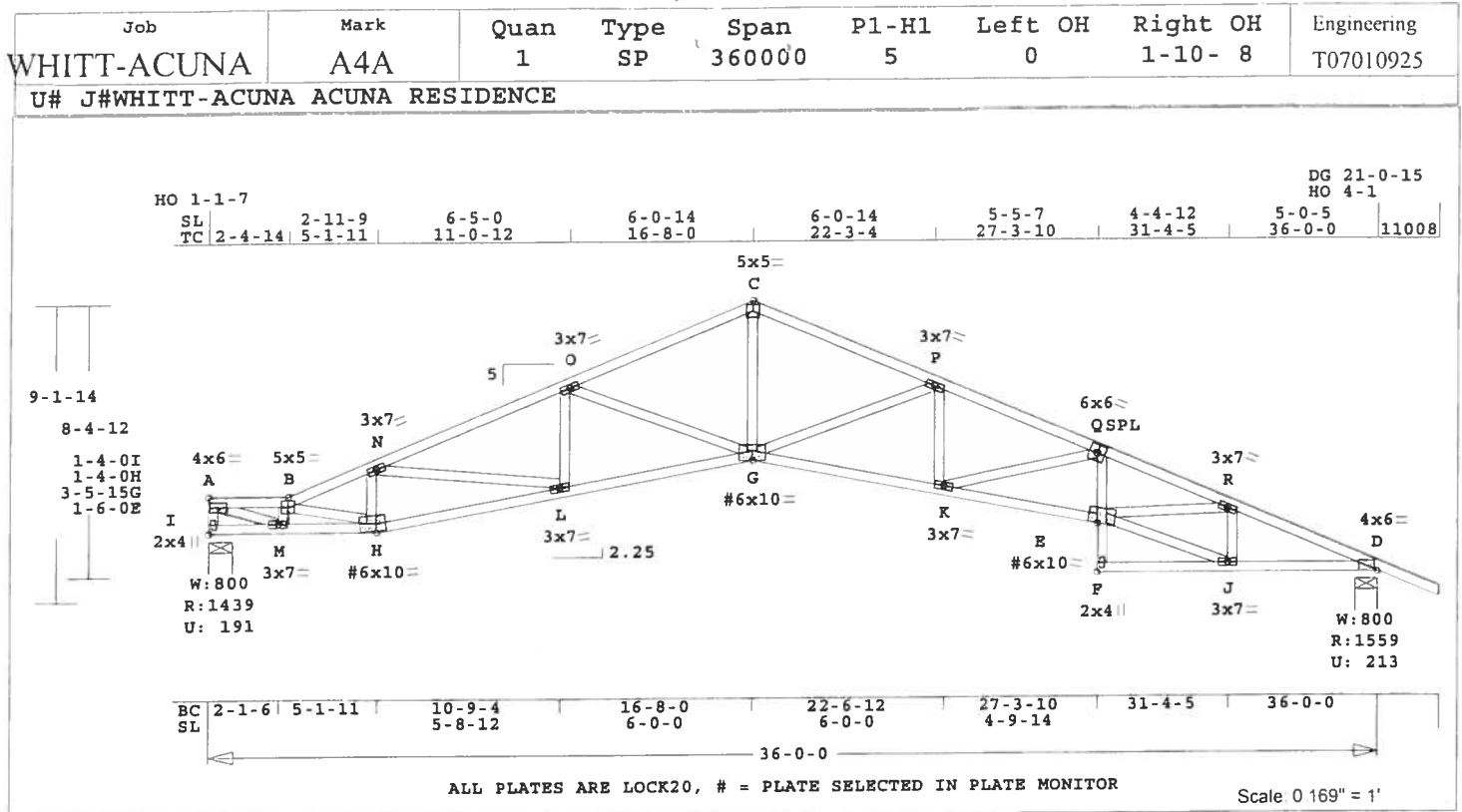
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
27- 3-10 36- 0- 0
Max comp. force 2256 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 245.6 LBS

F -E 0.30 75 T 0.00 0.30
E -Q 0.22 196 T 0.02 0.20

PO Box 280055
Tampa, FL 33682

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber-----
TC 0.48 2x 4 SP-#2
BC 0.88 2x 4 SP-#2
CW 0.30 2x 4 SP-#2
WB 0.64 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 36- 0- 0
BC Cont. 0- 0- 0 36- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
I 1440 191 8- 0 1-11
Hz = -152
D 1560 213 8- 0 1-13
Hz = 137

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -B 0.20 3271 C 0.18 0.02
B -N 0.33 3431 C 0.19 0.14
N -O 0.48 3615 C 0.17 0.31
O -C 0.42 3007 C 0.17 0.25
C -P 0.39 3006 C 0.17 0.22
P -Q 0.44 4010 C 0.22 0.22
Q -R 0.36 4639 C 0.19 0.17
R -D 0.28 3107 C 0.18 0.10
-----Bottom Chords-----
I -M 0.25 142 T 0.00 0.25
M -H 0.83 3486 T 0.58 0.25
H -L 0.64 3270 T 0.54 0.10
L -G 0.68 3398 T 0.57 0.11
G -K 0.73 3774 T 0.63 0.10
K -E 0.88 4410 T 0.74 0.14
E -J 0.11 97 T 0.01 0.10
J -D 0.58 2862 T 0.48 0.10
-----Chord-Webs-----

-----Webs-----
I -A 0.12 1351 C WindLd
A -M 0.64 3513 T
M -B 0.12 1369 C
B -H 0.03 293 C
H -N 0.04 405 C
N -L 0.02 126 T
L -O 0.03 215 T
O -G 0.28 602 C
G -C 0.36 1973 T
C -P 0.46 992 C
P -K 0.07 432 T
K -Q 0.21 640 C
Q -R 0.26 1431 T
E -J 0.54 2941 T
J -R 0.09 955 C

TL Defl -0.71" in G -K L/588
LL Defl -0.34" in G -K L/999
Hz Disp LL DL TL
Jt D 0.17" 0.17" 0.33"
Shear // Grain in N -O 0.22

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.99
B LOCK 5.0x 5.0 Ctr Ctr 0.90
N LOCK 3.0x 7.0 Ctr Ctr 0.40
O LOCK 3.0x 7.0 Ctr Ctr 0.39
C LOCK 5.0x 5.0 Ctr Ctr 0.69
P LOCK 3.0x 7.0 Ctr Ctr 0.39
Q LOCK 6.0x 6.0 Ctr Ctr 0.81
R LOCK 3.0x 7.0 Ctr Ctr 0.44
D LOCK 4.0x 6.0 Ctr 0.1 0.72
I LOCK 2.0x 4.0 Ctr Ctr 0.63
M LOCK 3.0x 7.0-0.5 Ctr 0.98
H# LOCK 6.0x10.0-1.3 3.6 0.70
L LOCK 3.0x 7.0 Ctr Ctr 0.84
G# LOCK 6.0x10.0 Ctr-0.6 0.64
K LOCK 3.0x 7.0 Ctr Ctr 0.45
E# LOCK 6.0x10.0 0.2 0.9 0.74
F LOCK 2.0x 4.0 Ctr Ctr 0.58
J LOCK 3.0x 7.0 Ctr Ctr 0.95

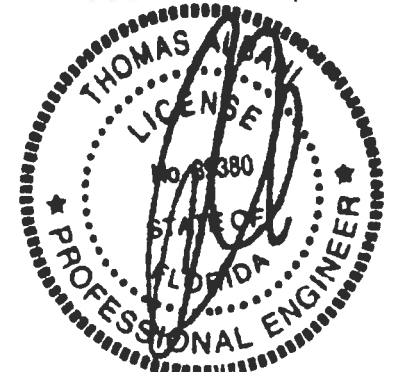
= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.

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

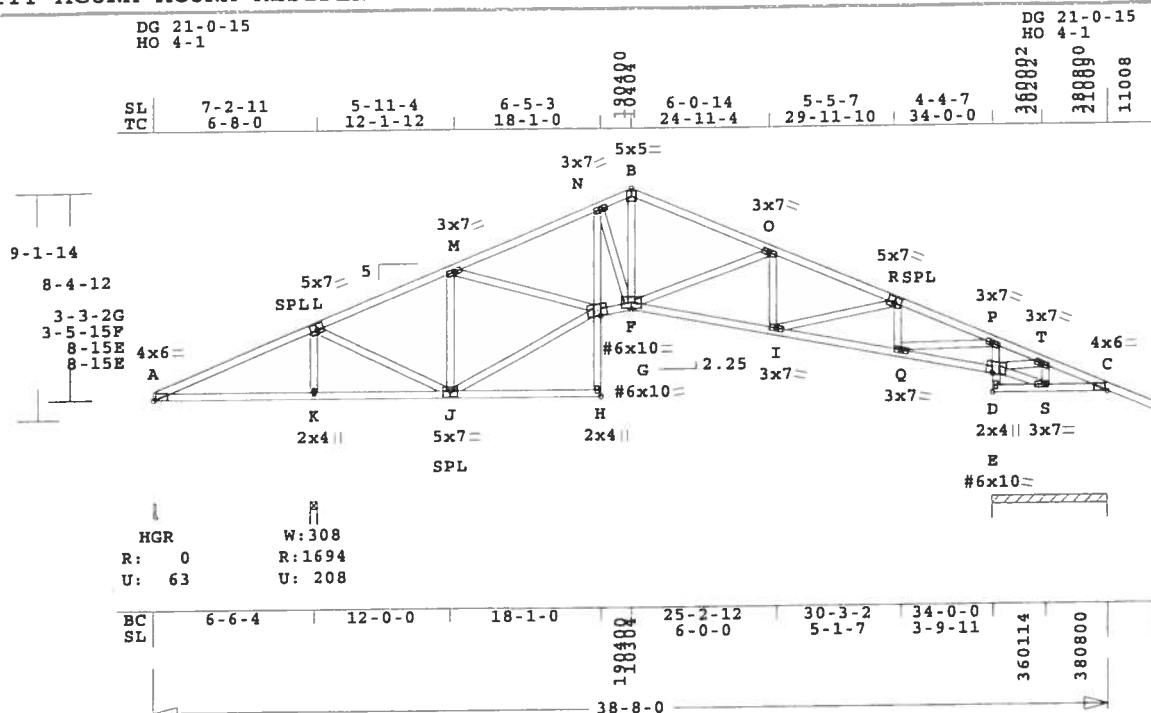
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4639 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A5	1	SP	380800	5	0	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale 0 128" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 282.6 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ---Lumber---
TC 0.53 2x 4 SP-#2
BC 0.35 2x 4 SP-#2
CW 0.19 2x 4 SP-#2
WB 0.40 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 38- 8- 0
BC Cont. 0- 0- 0 38- 8- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
A 0 63 3- 8 1- 8
Hz = -157
K 1695 208 3- 8 1-13
Cont. Brg 34- 0- 0 to 38- 8- 0
1567 216 Hz = 158

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -L 0.53 665 T 0.12 0.41
L -M 0.41 683 C 0.00 0.41
M -N 0.28 1450 C 0.01 0.27
N -B 0.27 1402 C 0.09 0.18
B -O 0.32 1400 C 0.08 0.24
O -R 0.34 1743 C 0.10 0.24
R -P 0.19 1195 C 0.01 0.18
P -T 0.38 1168 T 0.20 0.18
T -C 0.10 358 T 0.05 0.05
-----Bottom Chords-----
A -K 0.27 600 C 0.00 0.27
K -J 0.25 600 C 0.00 0.25
J -H 0.19 7 T 0.00 0.19
G -F 0.25 1363 T 0.22 0.03
F -I 0.35 1644 T 0.27 0.08
I -Q 0.29 1121 T 0.12 0.17
Q -E 0.17 1081 C 0.00 0.17
D -S 0.03 118 C 0.00 0.03
S -C 0.06 322 C 0.00 0.06

-----Chord-Webs-----
H -G 0.05 98 T 0.00 0.05
G -N 0.01 69 C 0.00 0.01
D -E 0.19 1689 C 0.02 0.17
E -P 0.12 1368 C 0.12 0.00
-----Webs-----
K -L 0.19 1521 C
L -J 0.25 1371 T
J -M 0.27 845 C
J -G 0.12 703 T
M -G 0.13 743 T
N -F 0.03 257 T
F -B 0.16 897 T
F -O 0.16 349 C
I -O 0.01 127 T
I -R 0.09 529 T
Q -R 0.06 581 C
Q -P 0.40 2172 T
E -T 0.07 753 C
E -S 0.02 216 C
S -T 0.06 342 T
TL Defl -0.08" in A -K L/866
LL Defl -0.03" in A -K L/999
Hz Disp LL DL TL
Jt D 0.04" 0.04" 0.08"
Shear // Grain in A -L 0.26

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr 0.1 0.75
L LOCK 5.0x 7.0-0.2 0.5 0.77
M LOCK 3.0x 7.0 Ctr Ctr 0.40
N LOCK 3.0x 7.0 Ctr Ctr 0.59
B LOCK 5.0x 5.0 Ctr Ctr 0.71
O LOCK 3.0x 7.0 Ctr Ctr 0.40
R LOCK 5.0x 7.0 0.2 0.5 0.77
P LOCK 3.0x 7.0 Ctr Ctr 0.66
T LOCK 3.0x 7.0 Ctr Ctr 0.42
C LOCK 4.0x 6.0 Ctr 0.1 0.75
K LOCK 2.0x 4.0 Ctr Ctr 0.77
J LOCK 5.0x 7.0 Ctr-0.5 0.78
H LOCK 2.0x 4.0 Ctr Ctr 0.58
G# LOCK 6.0x10.0-0.1 1.0 0.67
F# LOCK 6.0x10.0 Ctr-0.1 0.78
I LOCK 3.0x 7.0 Ctr Ctr 0.46
Q LOCK 3.0x 7.0 Ctr Ctr 0.92
E# LOCK 6.0x10.0 0.1 0.9 0.67
D LOCK 2.0x 4.0 Ctr Ctr 0.77
S LOCK 3.0x 7.0 Ctr Ctr 0.51

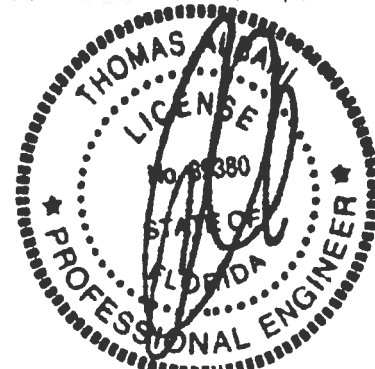
= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

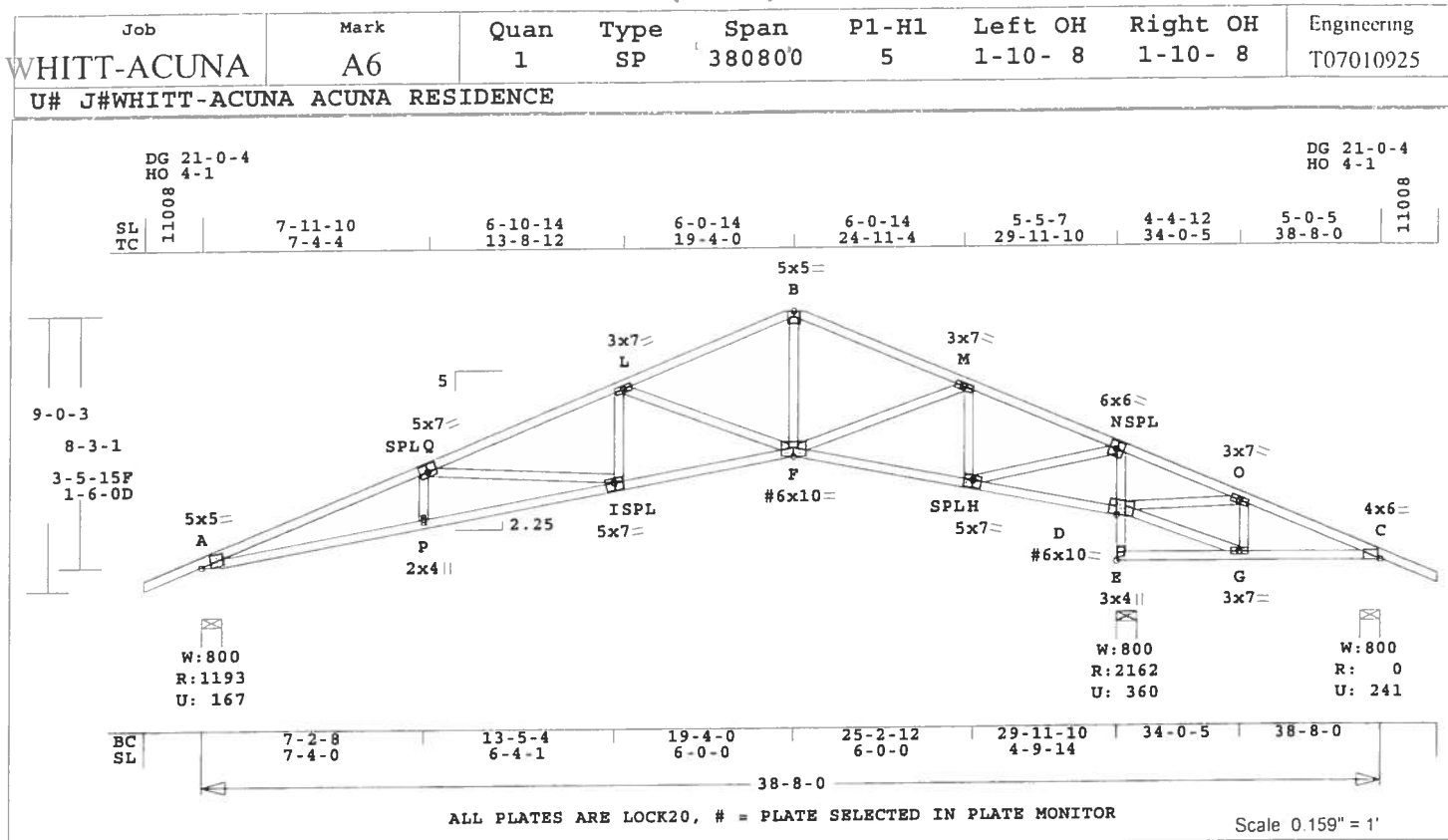
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1743 Lbs

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A5	1	SP	380800	5	0	1-10- 8	T07010925
U# J#WHITT-ACUNA ACUNA RESIDENCE								

Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 250.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

TC	BC	CW	WB	Size	SP	SP	SP
0.57	0.76	0.22	0.47	2x 4	SP-#2	SP-#2	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	38- 8- 0
BC Cont.	0- 0- 0	38- 8- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

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

Jt	React	Uplift	Size	Req'd
A	1193	168	8- 0	1- 8
E	2163	360	8- 0	2- 7
C	0	242	8- 0	1- 8

Membr	CSI	P Lbs	Axl	CSI-Bnd
A -Q	0.48	3358	C	0.07 0.41
Q -L	0.42	2401	C	0.09 0.33
L -B	0.36	1366	C	0.01 0.35
B -M	0.31	1363	C	0.08 0.23
M -N	0.27	599	C	0.00 0.27
N -O	0.57	1990	T	0.34 0.23
O -C	0.31	724	T	0.12 0.19
A -P	0.76	3139	T	0.52 0.24
P -I	0.69	3146	T	0.52 0.17
I -F	0.65	2262	T	0.38 0.27
F -H	0.30	558	T	0.09 0.21
H -D	0.20	1875	C	0.00 0.20
E -G	0.14	63	C	0.00 0.14
G -C	0.15	656	C	0.00 0.15

E -D	0.22	2138	C	0.03	0.19
D -N	0.16	1831	C	0.16	0.00
P -Q	0.03	235	T		
Q -I	0.44	875	C		
I -L	0.06	424	T		
L -F	0.47	1024	C		
F -B	0.13	721	T		
B -M	0.13	743	T		
M -H	0.13	876	C		
H -N	0.45	2463	T		
N -D	0.25	1186	C		
D -G	0.15	630	C		
G -O	0.06	372	T		

TL Defl	-0.50"	in P -I	L/704
LL Defl	-0.24" <th>in P -I</th> <th>L/999</th>	in P -I	L/999
Hx Disp	LL	DL	TL
Jt E	0.09"	0.09"	0.19"
Shear //	Grain	in A -Q	0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 2.2 1.1 0.97
Q LOCK 5.0x 7.0-0.2 0.5 0.77
L LOCK 3.0x 7.0 Ctr Ctr 0.40
B LOCK 5.0x 5.0 Ctr-0.4 0.80
M LOCK 3.0x 7.0 Ctr Ctr 0.40
N LOCK 6.0x 6.0 Ctr Ctr 0.84
O LOCK 3.0x 7.0 Ctr Ctr 0.42
C LOCK 4.0x 6.0 Ctr 0.1 0.75
P LOCK 2.0x 4.0 Ctr Ctr 0.47
I LOCK 5.0x 7.0 0.1-0.5 0.78
F# LOCK 6.0x10.0 Ctr-0.6 0.67
H LOCK 5.0x 7.0-0.1-0.5 0.78
D# LOCK 6.0x10.0 0.2 1.0 0.69
E LOCK 3.0x 4.0 Ctr Ctr 0.75
G LOCK 3.0x 7.0 Ctr Ctr 0.50

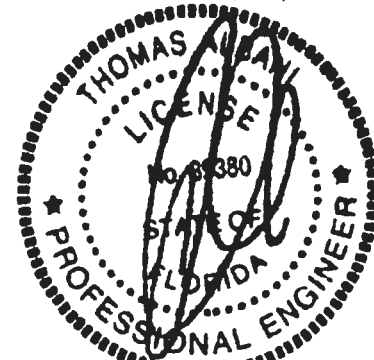
= Plate Monitor used

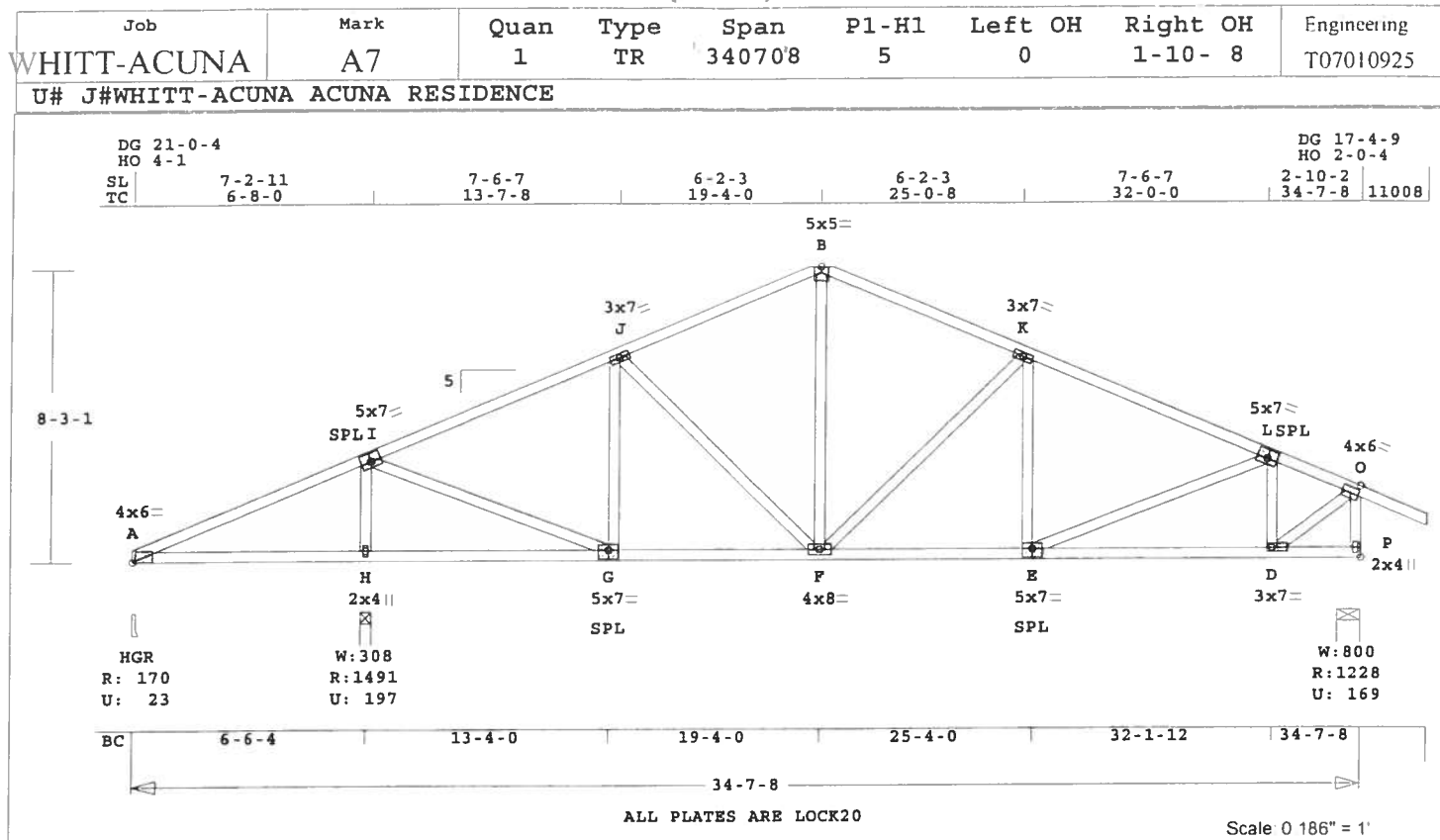
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
29-11-10 38- 8- 0
Max comp. force 3358 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 248.9 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ---Lumber---
TC 0.50 2x 4 SP-#2
BC 0.35 2x 4 SP-#2
WB 0.34 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 7- 8
BC Cont. 0- 0- 0 34- 7- 8

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	171	23	3- 8	1- 8
			Hz =	-144
H	1491	197	3- 8	1- 9
P	1228	169	8- 0	1- 8
			Hz =	180

Membr	CSI	P	Lbs	Axl	CSI-Bnd
---Top Chords---					
A -I	0.50		102 T	0.02	0.48
I -J	0.48		1085 C	0.00	0.48
J -B	0.37		1024 C	0.00	0.37
B -K	0.42		1025 C	0.00	0.42
K -L	0.43		1345 C	0.01	0.42
L -O	0.33		985 C	0.00	0.33
---Bottom Chords---					
A -H	0.30		80 C	0.00	0.30
H -G	0.30		80 C	0.00	0.30
G -F	0.30		998 T	0.10	0.20

F -E	0.35	1244 T	0.12	0.23	
E -D	0.32	937 T	0.09	0.23	
D -P	0.19	157 T	0.00	0.19	

-----Webs-----

H -I	0.16	1313 C			
I -G	0.30	1159 T			
G -J	0.12	309 C			
J -F	0.07	127 T			
F -B	0.17	476 T			
F -K	0.34	425 C			
E -K	0.02	177 T			
E -L	0.06	330 T			
D -L	0.07	599 C			
D -O	0.21	1179 T			
P -O	0.11	1106 C	WindLd		

TL Defl -0.07" in A -H L/999
LL Defl -0.03" in A -H L/999
Shear // Grain in A -I 0.26

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	Type	Plt Size	X	Y	JSI
Plate - LOCK 20 Ga, Gross Area					
Plate - RHS 20 Ga, Gross Area					
Jt Type					
A LOCK	4.0x 6.0	Ctr	0.1	0.71	
I LOCK	5.0x 7.0	0-0.2	0.5	0.73	
J LOCK	3.0x 7.0	Ctr	Ctr	0.43	
B LOCK	5.0x 5.0	Ctr	0-0.4	0.76	
K LOCK	3.0x 7.0	Ctr	Ctr	0.43	
L LOCK	5.0x 7.0	0.2	0.5	0.73	
O LOCK	4.0x 6.0	Ctr	Ctr	0.72	
H LOCK	2.0x 4.0	Ctr	Ctr	0.73	
G LOCK	5.0x 7.0	Ctr	0-0.5	0.74	
F LOCK	4.0x 8.0	Ctr	Ctr	0.42	
E LOCK	5.0x 7.0	Ctr	0-0.5	0.74	
D LOCK	3.0x 7.0	Ctr	Ctr	0.43	
P LOCK	2.0x 4.0	Ctr	Ctr	0.59	

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1345 Lbs

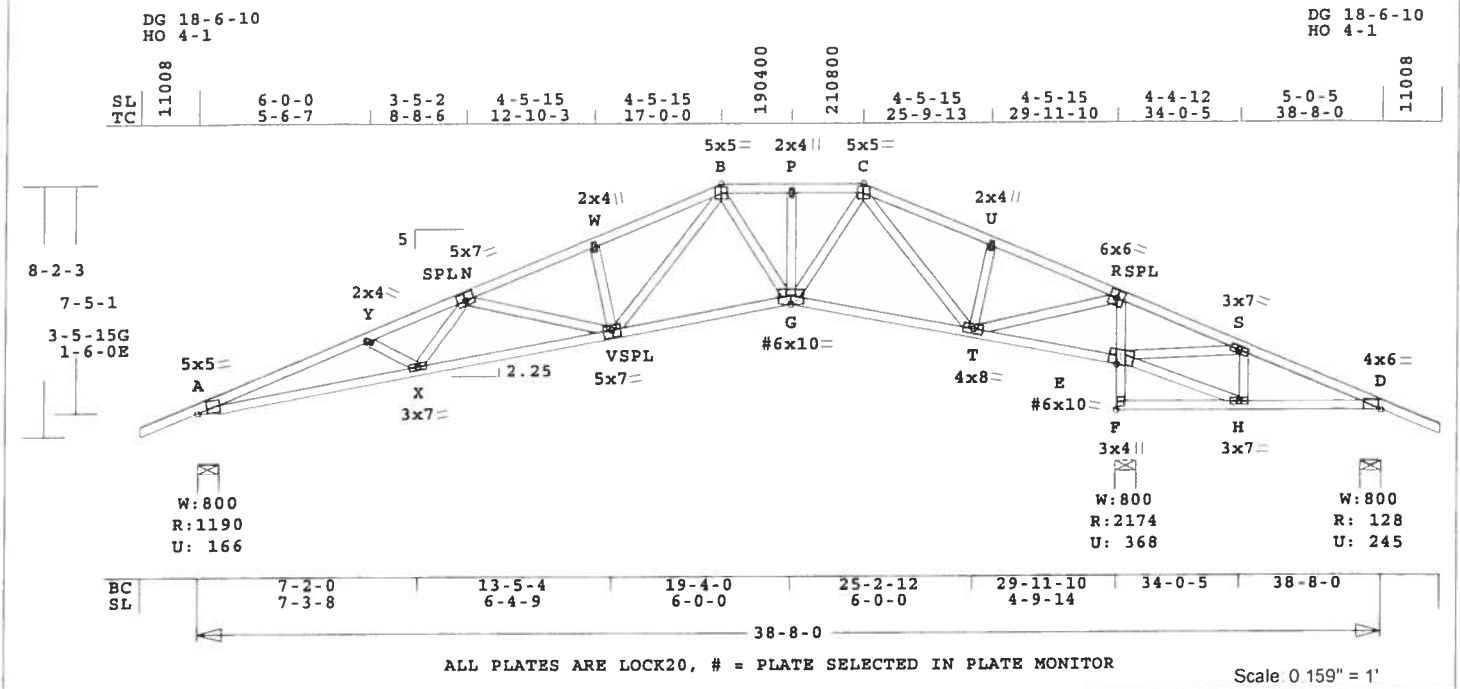
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A8	1	SP	380800	5	1-10- 8	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale 0 159" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 264.4 LBS

F -E 0.23 2150 C 0.03 0.20
E -R 0.16 1834 C 0.16 0.00

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

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber-----
TC 0.54 2x 4 SP-#2
BC 0.77 2x 4 SP-#2
CW 0.23 2x 4 SP-#2
WB 0.45 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 38- 8- 0
BC Cont. 0- 0- 0 38- 8- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt React UpLft Size Req'd
Lbs Lbs In-Sx In-Sx
A 1190 166 8- 0 1- 8
F 2174 368 8- 0 2- 7
D 129 245 8- 0 1- 8
Hz = 140

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -Y 0.48 3390 C 0.07 0.41
Y -N 0.25 3203 C 0.08 0.17
N -W 0.26 2400 C 0.14 0.12
W -B 0.26 2341 C 0.14 0.12
B -P 0.13 1548 C 0.09 0.04
P -C 0.31 1548 C 0.01 0.30
C -U 0.23 529 C 0.00 0.23
U -R 0.21 580 C 0.00 0.21
R -S 0.54 2033 T 0.34 0.20
S -D 0.33 744 T 0.13 0.20
-----Bottom Chords-----
A -X 0.77 3151 T 0.52 0.25
X -V 0.64 2895 T 0.48 0.16
V -G 0.40 1617 T 0.27 0.13
G -T 0.29 1058 T 0.17 0.12
T -E 0.18 1918 C 0.04 0.14
E -H 0.14 67 C 0.00 0.14
H -D 0.15 675 C 0.00 0.15
-----Chord-Webs-----

-----Webs-----
Y -X 0.03 221 T
X -N 0.04 316 T
N -V 0.20 648 C
W -V 0.03 238 T
V -B 0.20 938 T
B -G 0.02 179 T
G -P 0.00 47 T
C -C 0.15 858 T
C -T 0.40 937 C
T -U 0.03 279 C
T -R 0.45 2487 T
E -S 0.26 1209 C
E -H 0.15 646 C
H -S 0.06 373 T

TL Defl -0.48" in X -V L/733
LL Defl -0.23" in X -V L/999
Hz Disp LL DL TL
Jt F 0.09" 0.09" 0.19"
Shear // Grain in A -Y 0.26

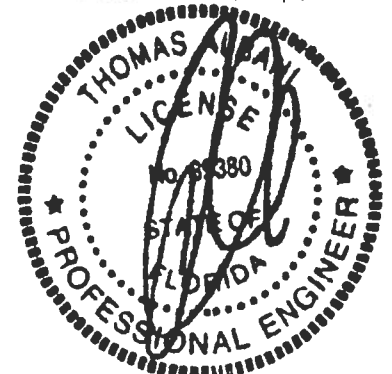
Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 2.2 1.1 0.98
Y LOCK 2.0x 4.0 Ctr Ctr 0.47
N LOCK 5.0x 7.0 0.2 0.5 0.77
W LOCK 2.0x 4.0 Ctr Ctr 0.47
B LOCK 5.0x 5.0 Ctr Ctr 0.95
P LOCK 2.0x 4.0 Ctr Ctr 0.47
C LOCK 5.0x 5.0 Ctr Ctr 0.95
U LOCK 2.0x 4.0 Ctr Ctr 0.47
R LOCK 6.0x 6.0 Ctr Ctr 0.84
S LOCK 3.0x 7.0 Ctr Ctr 0.42
D LOCK 4.0x 6.0 Ctr 0.1 0.75
X LOCK 3.0x 7.0 Ctr Ctr 0.49
V LOCK 5.0x 7.0 0.1-0.5 0.78
G# LOCK 6.0x10.0 Ctr-0.6 0.67
T LOCK 4.0x 8.0 Ctr Ctr 0.97
E# LOCK 6.0x10.0 0.2 0.9 0.67
F LOCK 3.0x 4.0 Ctr Ctr 0.75
H LOCK 3.0x 7.0 Ctr Ctr 0.50

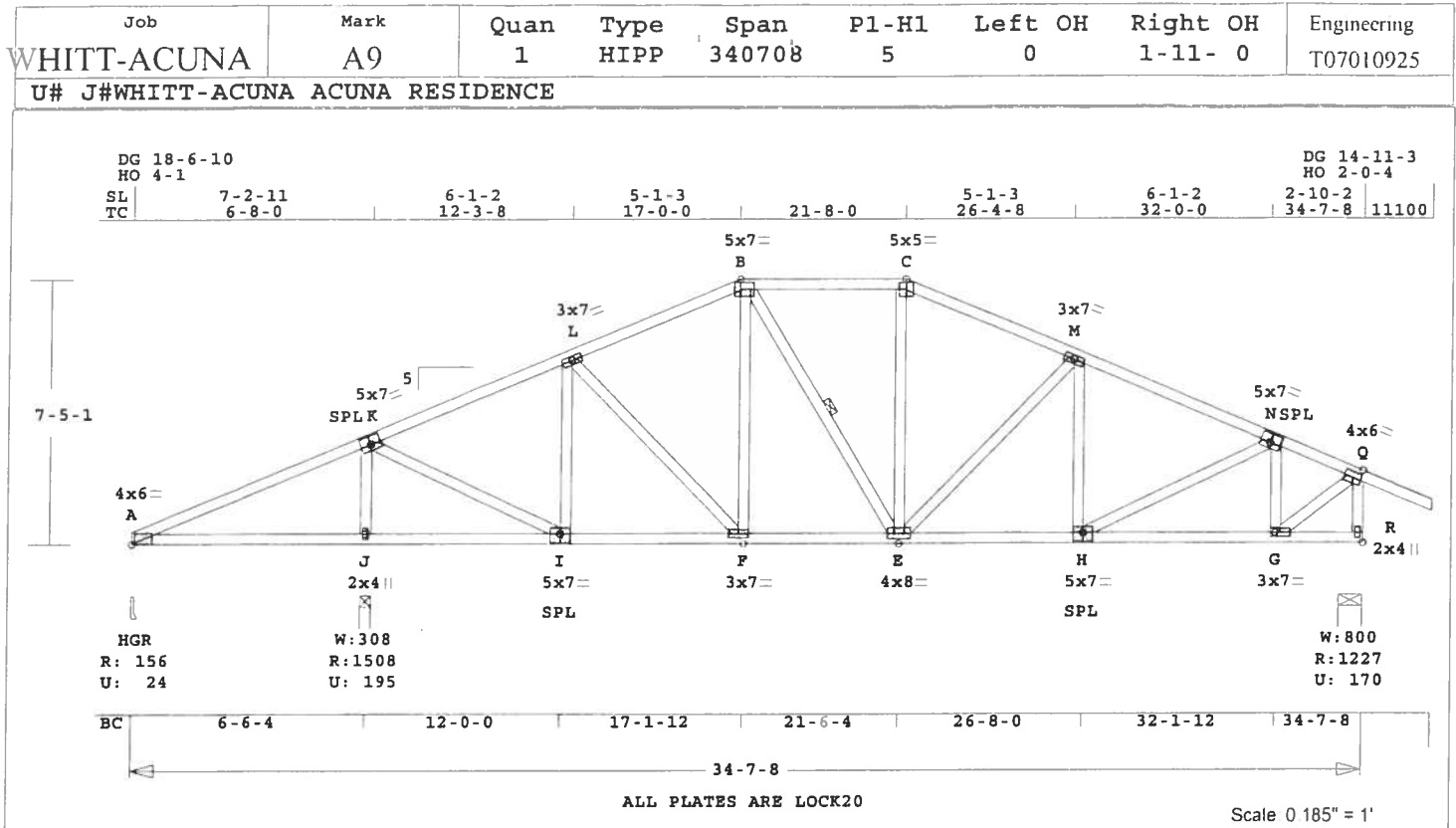
= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To---
29-11-10 38- 8- 0
Max comp. force 3390 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 264.2 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ---Lumber---
TC 0.44 2x 4 SP-#2
BC 0.28 2x 4 SP-#2
WB 0.21 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 7- 8
BC Cont. 0- 0- 0 34- 7- 8
WB 1 rows CLB on B -E
Attach CLB with (2) -10d nails
at each web.

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15 Fc=1.10 Ft=1.10			
BC Fb=1.10 Fc=1.10 Ft=1.10			

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	157	25	3- 8	1- 8
			Hz =	-126
J	1508	196	3- 8	1-10
R	1228	170	8- 0	1- 8
			Hz =	162

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -K	0.44	151 T	0.03 0.41
K -L	0.41	987 C	0.00 0.41
L -B	0.27	1071 C	0.08 0.19
B -C	0.16	1056 C	0.00 0.16
C -M	0.30	1151 C	0.08 0.22
M -N	0.30	1350 C	0.08 0.22
N -Q	0.21	957 C	0.06 0.15
-----Bottom Chords-----			
A -J	0.25	127 C	0.00 0.25
J -I	0.25	127 C	0.00 0.25

I -F	0.22	904 T	0.15 0.07
F -E	0.23	985 T	0.16 0.07
E -H	0.28	1248 T	0.20 0.08
H -G	0.24	901 T	0.09 0.15
G -R	0.11	139 T	0.00 0.11
-----Webs-----			
J -K	0.16	1337 C	
K -I	0.21	1148 T	
I -L	0.13	418 C	
L -F	0.02	115 T	
F -B	0.01	116 T	
B -E	0.02	135 T	1 Br
E -C	0.05	232 T	
E -M	0.17	274 C	
H -M	0.01	113 T	
H -N	0.07	386 T	
G -N	0.07	596 C	
G -Q	0.20	1133 T	
R -Q	0.10	1092 C	WindLd

TL Defl -0.08" in A -J L/972
LL Defl -0.03" in A -J L/999
Shear // Grain in A -K 0.25

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate	RHS	20 Ga <td>Gross Area</td>	Gross Area
Jt	Type	Plt Size	X Y JSI
A	LOCK	4.0x 6.0	Ctr 0.1 0.71
K	LOCK	5.0x 7.0	0.2 0.5 0.73
L	LOCK	3.0x 7.0	Ctr Ctr 0.44
B	LOCK	5.0x 7.0	0.5 Ctr 0.88
C	LOCK	5.0x 5.0	Ctr Ctr 0.90
M	LOCK	3.0x 7.0	Ctr Ctr 0.44
N	LOCK	5.0x 7.0	0.2 0.5 0.73
Q	LOCK	4.0x 6.0	Ctr Ctr 0.72
J	LOCK	2.0x 4.0	Ctr Ctr 0.71
I	LOCK	5.0x 7.0	Ctr-0.5 0.74
F	LOCK	3.0x 7.0	Ctr Ctr 0.45
E	LOCK	4.0x 8.0	Ctr Ctr 0.45
H	LOCK	5.0x 7.0	Ctr-0.5 0.74
G	LOCK	3.0x 7.0	Ctr Ctr 0.43
R	LOCK	2.0x 4.0	Ctr Ctr 0.58

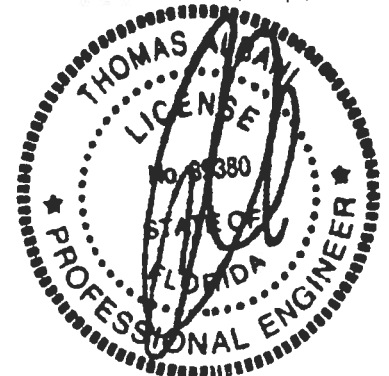
REVIEWED BY:
Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

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

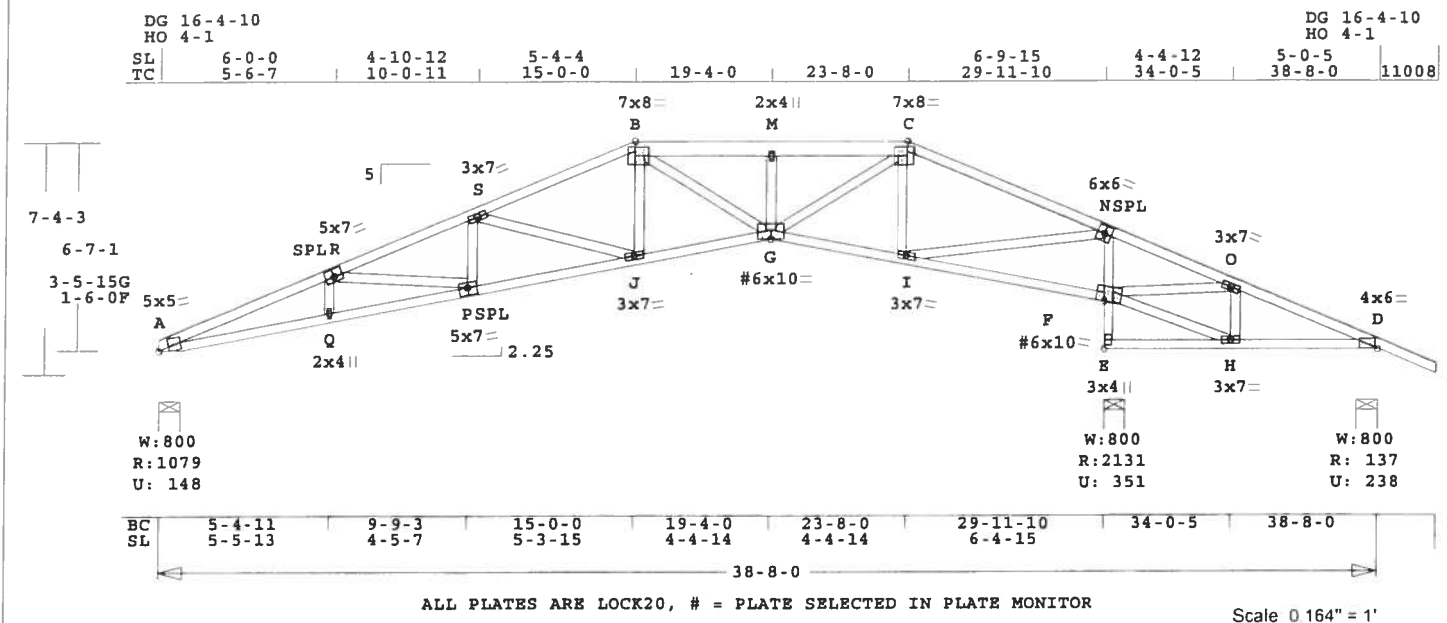
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1350 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A10	1	SP	380800	5	0	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 258.3 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ---Lumber---

TC	0.76	2x 4	SP-#2
EX B -C	2x 6	SP-#2	
BC	0.83	2x 4	SP-#2
CW	0.26	2x 4	SP-#2
WB	0.47	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	38- 8- 0
BC Cont.	0- 0- 0	38- 8- 0

Loading Live Dead (psf)

TC	20.0	10.0
BC	0.0	10.0
Total	20.0	20.0
Spacing		24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.15 Fc=1.10 Ft=1.10		
BC Fb=1.10 Fc=1.10 Ft=1.10		

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1080	149	8- 0	1- 8
			Hz =	-123
E	2131	352	8- 0	2- 6
D	137	238	8- 0	1- 8
			Hz =	122

Membr CSI P Lbs Ax1-CSI-Bnd

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

A -R	0.45	3413	C	0.08	0.37
R -S	0.34	3001	C	0.09	0.25
S -B	0.29	2146	C	0.12	0.17
B -M	0.17	2158	C	0.01	0.16
M -C	0.19	2158	C	0.01	0.18
C -N	0.45	976	C	0.00	0.45
N -O	0.76	1829	T	0.31	0.45
O -D	0.27	676	T	0.11	0.16

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

A -Q	0.83	3172	T	0.53	0.30
Q -P	0.73	3190	T	0.53	0.20
P -J	0.56	2826	T	0.47	0.09
J -G	0.47	2007	T	0.33	0.14
G -I	0.29	920	T	0.15	0.14
I -F	0.27	1701	C	0.00	0.27
E -H	0.14	91	C	0.00	0.14
H -D	0.16	615	C	0.00	0.16

-----Chord-Webs-----

E -F	0.26	2107	C	0.03	0.23
F -N	0.16	1803	C	0.16	0.00

-----Webs-----

Q -R	0.01	109	T
R -P	0.09	352	C
P -S	0.04	313	T
S -J	0.30	826	C
J -B	0.08	449	T
B -G	0.04	217	T
G -M	0.02	204	C
G -C	0.26	1434	T
I -C	0.11	695	C
I -N	0.47	2581	T
F -O	0.22	1063	C
F -H	0.13	574	C
H -O	0.06	356	T

TL Defl -0.47" in P -J L/740
LL Defl -0.23" in Q -P L/999
Hz Disp LL DL TL
Jt E 0.10" 0.10" 0.20"
Shear // Grain in C -N 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate -	LOCK 20 Ga, Gross Area
Plate -	RHS 20 Ga, Gross Area
Jt Type	Plt Size X Y JSI
A LOCK	5.0x 5.0 2.2 1.1 0.99
R LOCK	5.0x 7.0-0.2 0.5 0.77
S LOCK	3.0x 7.0 Ctr Ctr 0.40
B LOCK	7.0x 8.0-0.5 Ctr 0.86
M LOCK	2.0x 4.0 Ctr Ctr 0.47
C LOCK	7.0x 8.0 0.5 Ctr 0.86
N LOCK	6.0x 6.0 Ctr Ctr 0.84
O LOCK	3.0x 7.0 Ctr Ctr 0.42
D LOCK	4.0x 6.0 Ctr Ctr 0.1 0.75
Q LOCK	2.0x 4.0 Ctr Ctr 0.47
P LOCK	5.0x 7.0 0.1-0.5 0.78
J LOCK	3.0x 7.0 Ctr Ctr 0.44
G# LOCK	6.0x10.0 Ctr-0.6 0.67
I LOCK	3.0x 7.0 Ctr Ctr 0.80
F# LOCK	6.0x10.0 0.2 0.9 0.67
E LOCK	3.0x 4.0 Ctr Ctr 0.71
H LOCK	3.0x 7.0 Ctr Ctr 0.50

= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.

NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph
Mean Roof Height: 15-0

Exposure Category: B
Occupancy Factor : 1.00

Building Type: Enclosed
TC Dead Load: 5.0 psf

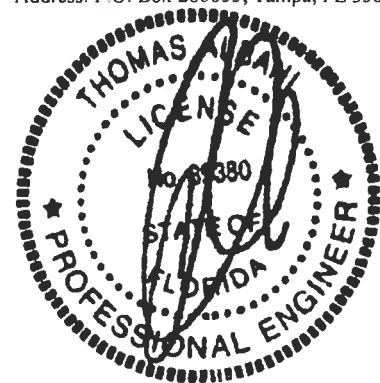
BC Dead Load: 5.0 psf

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

29-11-10 38- 8- 0

Max comp. force 3413 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



WHITT-ACUNA

All

1

HIPP

340708

5

C

1-11- 0

T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Scale: 0.185" = 1'

APPROX. TRUSS WEIGHT: 259.2 LBS

PO Box 280055
Tampa, FL 33682

	CSI	-Size-	----	Lumber----
TC	0.35	2x 4	SP-#2	
BC	0.43	2x 4	SP-#2	
WB	0.60	2x 4	SP-#2	

O.C.	From	To
TC Cont.	0- 0- 0 34-	7- 8
BC Cont.	0- 0- 0 34-	7- 8

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

		NEES	
U	-M	0.03	313 C
M	-V	0.60	1479 C
V	-F	0.08	438 T
F	-B	0.07	148 C
B	-H	0.12	345 T
H	-K	0.13	269 C
H	-C	0.03	62 T
E	-C	0.03	244 T
E	-Z	0.06	151 T
Y	-Z	0.06	273 C
Y	-W	0.23	1281 T
X	-W	0.10	1043 C

TL Defl	-0.20"	in M -F	L/999
LL Defl	-0.10"	in M -F	L/999
Shear //	Grain	in Z -W	0.23

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate -	LOCK	20 Ga,	Gross	Area	
Plate -	RHS	20 Ga,	Gross	Area	
Jt Type	Plt Size	X	Y	JSI	
A LOCK	4.0x	6.0	Ctr	0.1	0.71
U LOCK	5.0x	7.0-0.2	0.5		0.73
V LOCK	3.0x	7.0	Ctr	Ctr	0.50
B LOCK	5.0x	7.0-0.5	Ctr		0.88
K LOCK	2.0x	4.0	Ctr	Ctr	0.44
C LOCK	5.0x	7.0	0.5	Ctr	0.88
Z LOCK	3.0x	7.0	Ctr	Ctr	0.41
W LOCK	4.0x	6.0	Ctr	Ctr	0.72
M LOCK	3.0x	7.0	0.7	Ctr	0.51
F LOCK	5.0x	7.0	Ctr-0.5		0.74
H LOCK	4.0x	8.0	Ctr	Ctr	0.44
E LOCK	5.0x	7.0	Ctr-0.5		0.74
X LOCK	3.0x	7.0	Ctr	Ctr	0.52
Y LOCK	2.0x	4.0	Ctr	Ctr	0.58

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as

Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1479 Lbs
Quality Control Factor 1.25

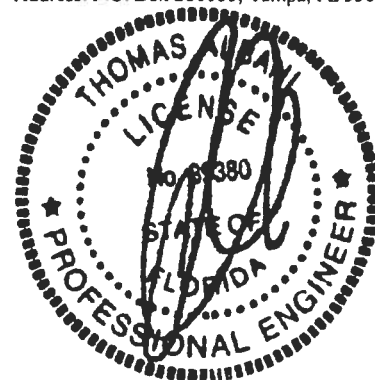
Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

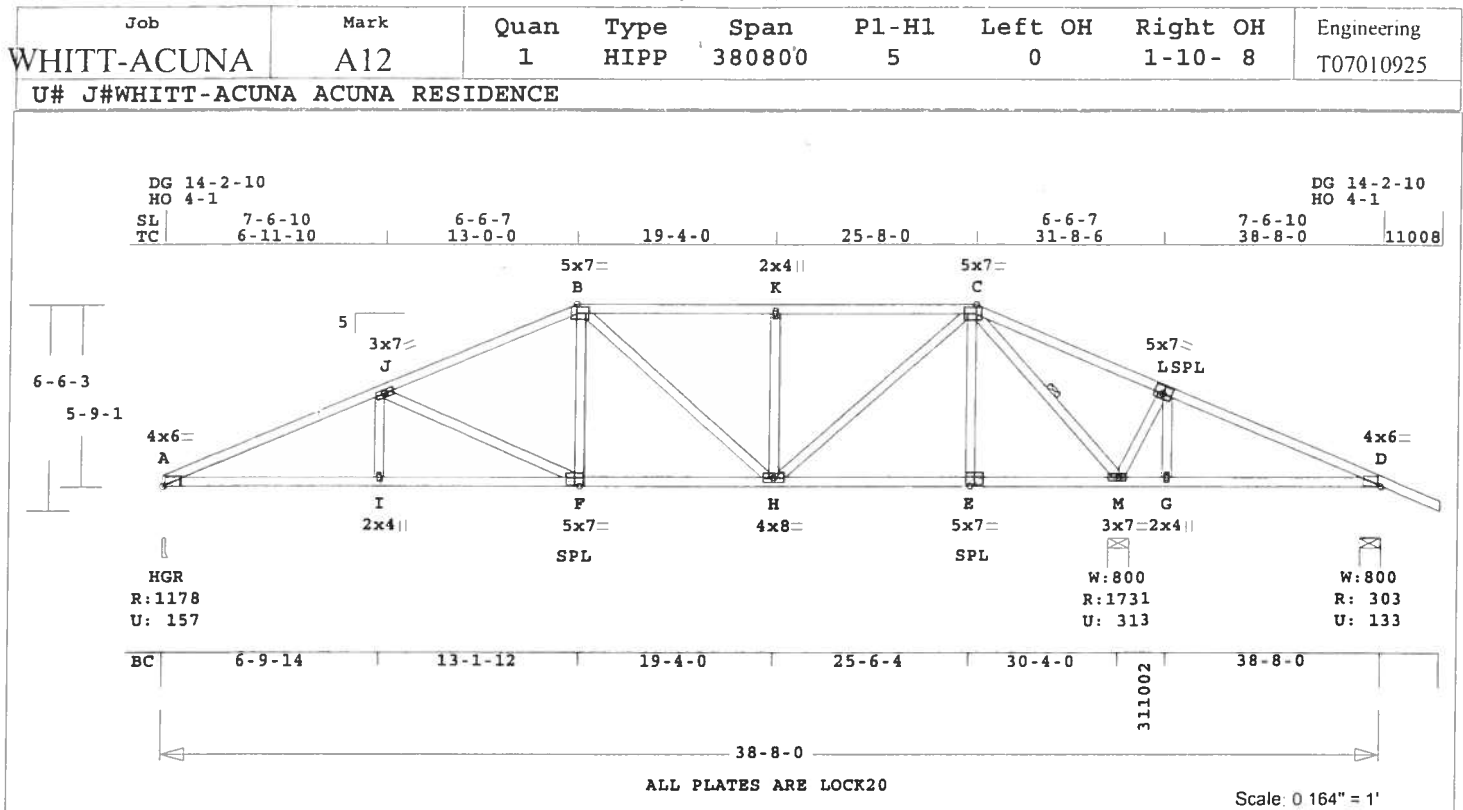
Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	93	16	3- 8	1- 8
			Hz =	-110
M	1585	208	3- 8	1-11
X	1215	168	8- 0	1- 8
			Hz =	146

Membr	CSI	P Lbs	Axl-CSI-Bnd	
-----Top Chords-----				
A -U	0.34	229 T	0.04	0.30
U -V	0.35	361 T	0.05	0.30
V -B	0.25	1047 C	0.07	0.18
B -K	0.16	1157 C	0.00	0.16
K -C	0.16	1157 C	0.00	0.16
C -Z	0.35	1234 C	0.08	0.27
Z -W	0.35	1308 C	0.08	0.27
-----Bottom Chords-----				
A -M	0.38	198 C	0.00	0.38
M -F	0.43	632 T	0.05	0.38

REVIEWED BY:
Robbins Engineering, Inc.

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 254.5 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber----
TC 0.63 2x 4 SP-#2
BC 0.50 2x 4 SP-#2
WB 0.39 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 38- 8- 0
BC Cont. 0- 0- 0 38- 8- 0
WB 1 rows CLB on C -M
Attach CLB with (2)-10d nails
at each web.

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1179	157	3- 8	1- 8
			Hz =	-105
M	1731	314	8- 0	1-15
D	303	133	8- 0	1- 8
			Hz =	105

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -J	0.42	2350	C	0.13	0.29
J -B	0.39	1706	C	0.10	0.29
B -K	0.35	1445	C	0.02	0.33
K -C	0.51	1445	C	0.01	0.50
C -L	0.63	338	T	0.04	0.59
L -D	0.61	149	T	0.02	0.59
-----Bottom Chords-----					
A -I	0.50	2174	T	0.36	0.14

I -F	0.47	2174	T	0.36	0.11		
F -H	0.37	1564	T	0.26	0.11		
H -E	0.27	741	T	0.07	0.20		
E -M	0.23	741	T	0.12	0.11		
M -G	0.23	127	C	0.00	0.23		
G -D	0.23	127	C	0.00	0.23		
-----Webs-----							
I -J	0.04	263	T				
J -F	0.39	661	C				
F -B	0.07	449	T				
B -H	0.13	157	C				
H -K	0.13	368	C				
K -C	0.31	923	T				
E -C	0.03	222	T				
C -M	0.30	1595	C			1 Br	
M -L	0.08	589	C				
G -L	0.03	230	T				

TL Defl -0.09" in G -D L/962
LL Defl -0.04" in G -D L/999
Shear // Grain in C -L 0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	Type	Plt Size	X	Y	JSI
Plate - LOCK 20 Ga, Gross Area					
Plate - RHS 20 Ga, Gross Area					
Jt Type	Plt Size	X	Y	JSI	
A LOCK	4.0x 6.0	Ctr	0.1	0.75	
J LOCK	3.0x 7.0	Ctr	Ctr	0.40	
B LOCK	5.0x 7.0-0.5	Ctr	0.93		
K LOCK	2.0x 4.0	Ctr	Ctr	0.47	
C LOCK	5.0x 7.0 0.5	Ctr	0.93		
L LOCK	5.0x 7.0 0.2	0.5	0.77		
D LOCK	4.0x 6.0	Ctr	0.1	0.75	
I LOCK	2.0x 4.0	Ctr	Ctr	0.47	
F LOCK	5.0x 7.0	Ctr-0.5	0.78		
H LOCK	4.0x 8.0	Ctr	Ctr	0.44	
E LOCK	5.0x 7.0	Ctr-0.5	0.78		
M LOCK	3.0x 7.0-0.8	Ctr	0.53		
G LOCK	2.0x 4.0	Ctr	Ctr	0.47	

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

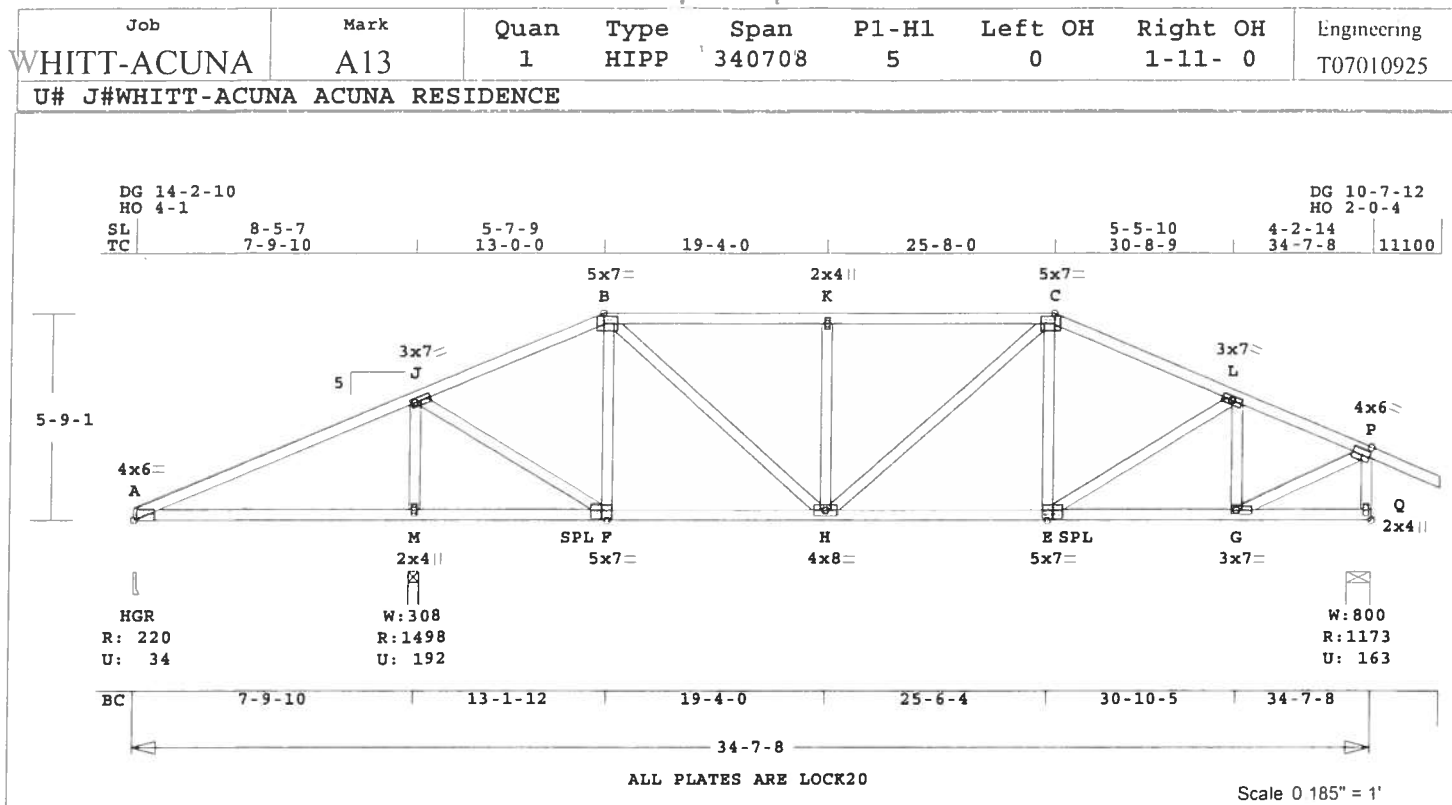
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
30- 4- 0 38- 8- 0
Max comp. force 2350 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 241.2 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI	Size	---Lumber---
TC	0.57	2x 4 SP-#2
BC	0.33	2x 4 SP-#2
WB	0.22	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 7- 8
BC Cont.	0- 0- 0	34- 7- 8

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

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

Jt	React	Uplift	Size	Req'd
A	221	35	3- 8	1- 8
			Hz =	-94
M	1498	192	3- 8	1-10
Q	1174	164	8- 0	1- 8
			Hz =	130

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -J	0.57	107 T	0.03	0.54
J -B	0.54	817 C	0.00	0.54
B -K	0.41	1254 C	0.01	0.40
K -C	0.41	1254 C	0.01	0.40
C -L	0.27	1237 C	0.08	0.19
L -P	0.26	1100 C	0.07	0.19
-----Bottom Chords-----				
A -M	0.33	86 C	0.00	0.33
M -F	0.32	86 C	0.00	0.32

F -H	0.28	743 T	0.07	0.21
H -E	0.32	1140 T	0.19	0.13
E -G	0.27	1026 T	0.10	0.17
G -Q	0.11	107 T	0.00	0.11

M -J	0.20	1304 C
J -F	0.17	965 T
F -B	0.15	422 C
B -H	0.22	677 T
H -K	0.15	410 C
H -C	0.05	151 T
E -C	0.02	175 T
E -L	0.02	134 T
G -L	0.06	411 C
G -P	0.21	1144 T
Q -P	0.10	1019 C

TL Defl -0.17" in A -M L/516
LL Defl -0.07" in A -M L/999
Shear // Grain in A -J 0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate -	LOCK	20 Ga <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr	0.1 0.71
J LOCK	3.0x 7.0	Ctr	Ctr 0.42
B LOCK	5.0x 7.0-0.5	Ctr	0.88
K LOCK	2.0x 4.0	Ctr	Ctr 0.44
C LOCK	5.0x 7.0	0.5 Ctr	0.88
L LOCK	3.0x 7.0	Ctr	Ctr 0.40
P LOCK	4.0x 6.0	Ctr	Ctr 0.72
M LOCK	2.0x 4.0	Ctr	Ctr 0.70
F LOCK	5.0x 7.0	Ctr-0.5	0.74
H LOCK	4.0x 8.0	Ctr	Ctr 0.42
E LOCK	5.0x 7.0	Ctr-0.5	0.74
G LOCK	3.0x 7.0	Ctr	Ctr 0.45
Q LOCK	2.0x 4.0	Ctr	Ctr 0.54

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

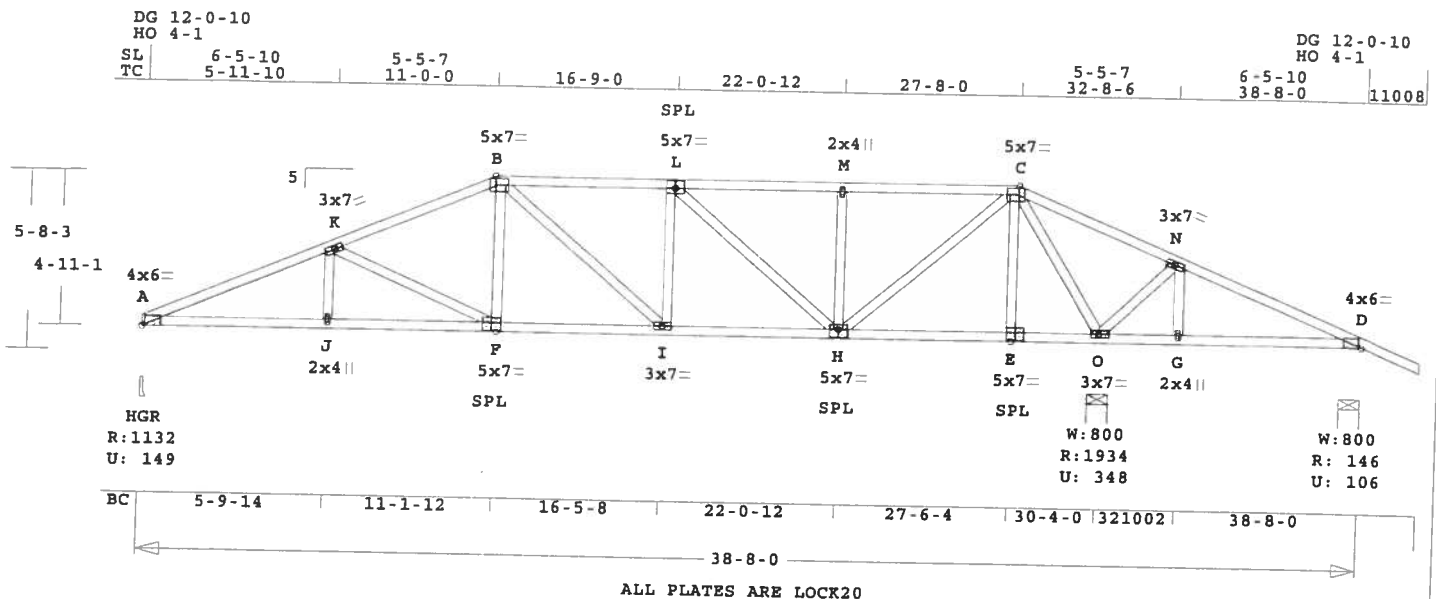
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1304 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
WHITT-ACUNA	A14	1	HIPP	380800	5	0	1-10- 8	T07010925
U# J#WHITT-ACUNA ACUNA RESIDENCE								



Scale: 0.164" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 259.3 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

User-defined wind-exposed BC

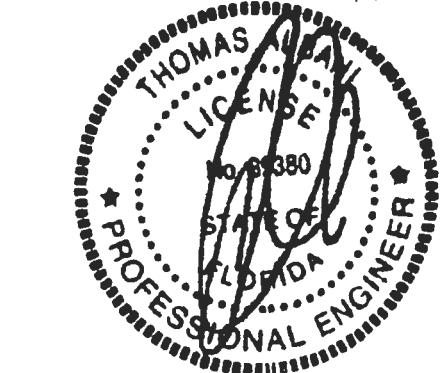
regions --From-- --To--

30- 4- 0 38- 8- 0

Max comp. force 2292 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



CSI	Size	---	Lumber	---
TC	0.59	2x 4	SP-#2	
BC	0.44	2x 4	SP-#2	
WB	0.63	2x 4	SP-#2	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	38- 8- 0
BC Cont.	0- 0- 0	38- 8- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Plus 9 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1132	149	3- 8	1- 8
			Hz =	-88
O	1934	348	8- 0	2- 3
D	147	107	8- 0	1- 8
			Hz =	88

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -K	0.33	2292	C	0.13	0.20
K -B	0.30	1780	C	0.10	0.20
B -L	0.33	1690	C	0.01	0.32
L -M	0.32	1182	C	0.00	0.32
M -C	0.50	1182	C	0.00	0.50
C -N	0.59	790	T	0.12	0.47
N -D	0.54	401	T	0.07	0.47
-----Bottom Chords-----					
A -J	0.44	2117	T	0.35	0.09
J -F	0.43	2117	T	0.35	0.08
F -I	0.35	1636	T	0.27	0.08
I -H	0.36	1690	T	0.28	0.08

H -E	0.16	179	T	0.01	0.15
E -O	0.11	179	T	0.03	0.08
O -G	0.16	351	C	0.00	0.16
G -D	0.16	351	C	0.00	0.16
-----Webs-----					
J -K	0.03	212	T		
K -F	0.21	521	C		
F -B	0.06	378	T		
B -I	0.04	71	T		
I -L	0.02	188	T		
L -H	0.41	666	C		
H -M	0.07	271	C		
H -C	0.31	1291	T		
E -C	0.02	171	T		
C -O	0.63	1764	C		
O -N	0.09	566	C		
G -N	0.03	202	T		

TL Defl -0.21" in F -I L/999
LL Defl -0.10" in F -I L/999
Shear // Grain in C -N 0.28

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

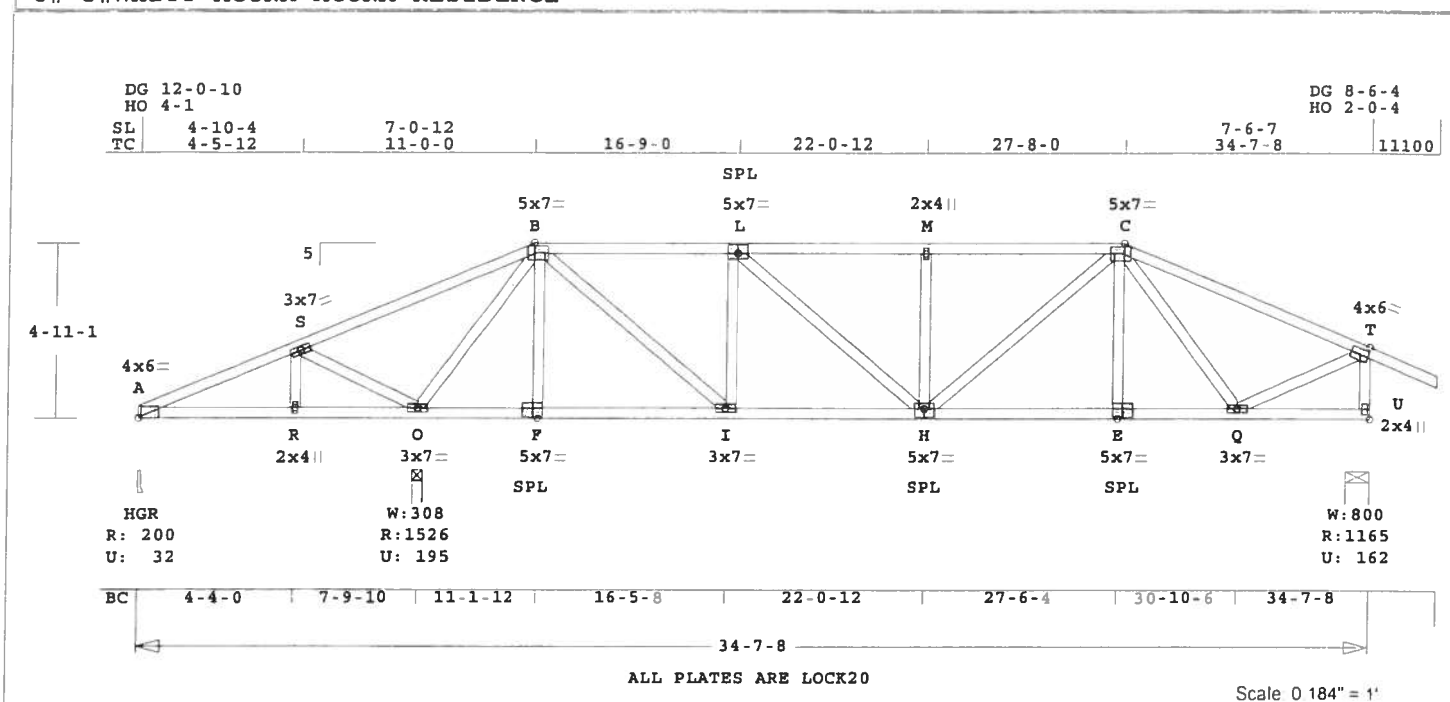
Jt	Type	Plt	Size	X	Y	JSI
A	LOCK	4.0x	6.0	Ctr	0.1	0.75
K	LOCK	3.0x	7.0	Ctr	Ctr	0.40
B	LOCK	5.0x	7.0-0.5	Ctr	0.93	
L	LOCK	5.0x	7.0	Ctr	0.5	0.78
M	LOCK	2.0x	4.0	Ctr	Ctr	0.47
C	LOCK	5.0x	7.0	0.5	Ctr	0.93
N	LOCK	3.0x	7.0	Ctr	Ctr	0.44
D	LOCK	4.0x	6.0	Ctr	0.1	0.75
J	LOCK	2.0x	4.0	Ctr	Ctr	0.47
F	LOCK	5.0x	7.0	Ctr-0.5		0.78
I	LOCK	3.0x	7.0	Ctr	Ctr	0.45
H	LOCK	5.0x	7.0	Ctr-0.5		0.78
E	LOCK	5.0x	7.0	Ctr-0.5		0.78
O	LOCK	3.0x	7.0	0.5	Ctr	0.63
G	LOCK	2.0x	4.0	Ctr	Ctr	0.47

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A15	1	HIPP	340708	5	0	1-11- 0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 249.3 LBS

Tampa, FL 33682

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber----
TC 0.59 2x 4 SP-#2
BC 0.29 2x 4 SP-#2
WB 0.58 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 34- 7- 8
BC Cont. 0- 0- 0 34- 7- 8

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	200	32	3- 8	1- 8
			Hz =	-78
O	1527	196	3- 8	1-10
U	1166	162	8- 0	1- 8
			Hz =	114

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
A -S	0.50	194	T	0.00 0.50
S -B	0.54	335	T	0.04 0.50
B -L	0.53	1251	C	0.01 0.52
L -M	0.24	1469	C	0.01 0.23
M -C	0.37	1469	C	0.01 0.36
C -T	0.59	971	C	0.01 0.58
-----Bottom Chords-----				
A -R	0.08	202	T	0.01 0.07
R -O	0.13	202	T	0.03 0.10
O -F	0.18	535	T	0.08 0.10
F -I	0.20	535	T	0.05 0.15
I -H	0.29	1251	T	0.21 0.08

H -E	0.27	1173	T	0.12 0.15
E -Q	0.25	1173	T	0.19 0.06
Q -U	0.07	91	T	0.00 0.07
-----Webs-----				
R -S	0.02	148	T	
S -O	0.12	598	C	
O -B	0.58	1443	C	
F -B	0.02	173	T	
B -I	0.21	921	T	
I -L	0.12	468	C	
L -H	0.07	286	T	
H -M	0.08	315	C	
H -C	0.07	381	T	
E -C	0.02	178	T	
C -Q	0.18	454	C	
Q -T	0.18	1002	T	
U -T	0.10	1010	C	WindLd

TL Defl -0.14" in I -H L/999
LL Defl -0.07" in I -H L/999
Shear // Grain in S -B 0.29

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Jt	Type	Plt	Size	X	Y	JSI
A	LOCK	4.0x	6.0	Ctr	0.1	0.71
S	LOCK	3.0x	7.0	Ctr	Ctr	0.39
B	LOCK	5.0x	7.0-0.5	Ctr	0.88	
I	LOCK	3.0x	7.0	Ctr	Ctr	0.44
M	LOCK	2.0x	4.0	Ctr	Ctr	0.44
C	LOCK	5.0x	7.0	0.5	Ctr	0.88
T	LOCK	4.0x	6.0	Ctr	Ctr	0.72
R	LOCK	2.0x	4.0	Ctr	Ctr	0.44
O	LOCK	3.0x	7.0-0.2	Ctr	0.50	
F	LOCK	5.0x	7.0	Ctr	-0.5	0.74
H	LOCK	5.0x	7.0	Ctr	-0.5	0.74
E	LOCK	5.0x	7.0	Ctr	-0.5	0.74
Q	LOCK	3.0x	7.0	0.2	Ctr	0.48
U	LOCK	2.0x	4.0	Ctr	Ctr	0.53

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

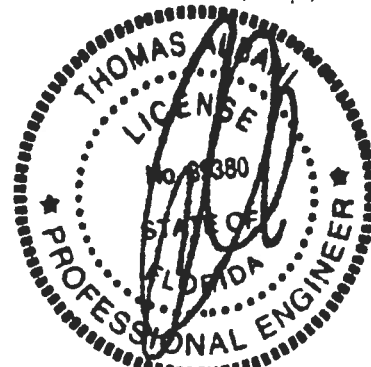
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1469 Lbs

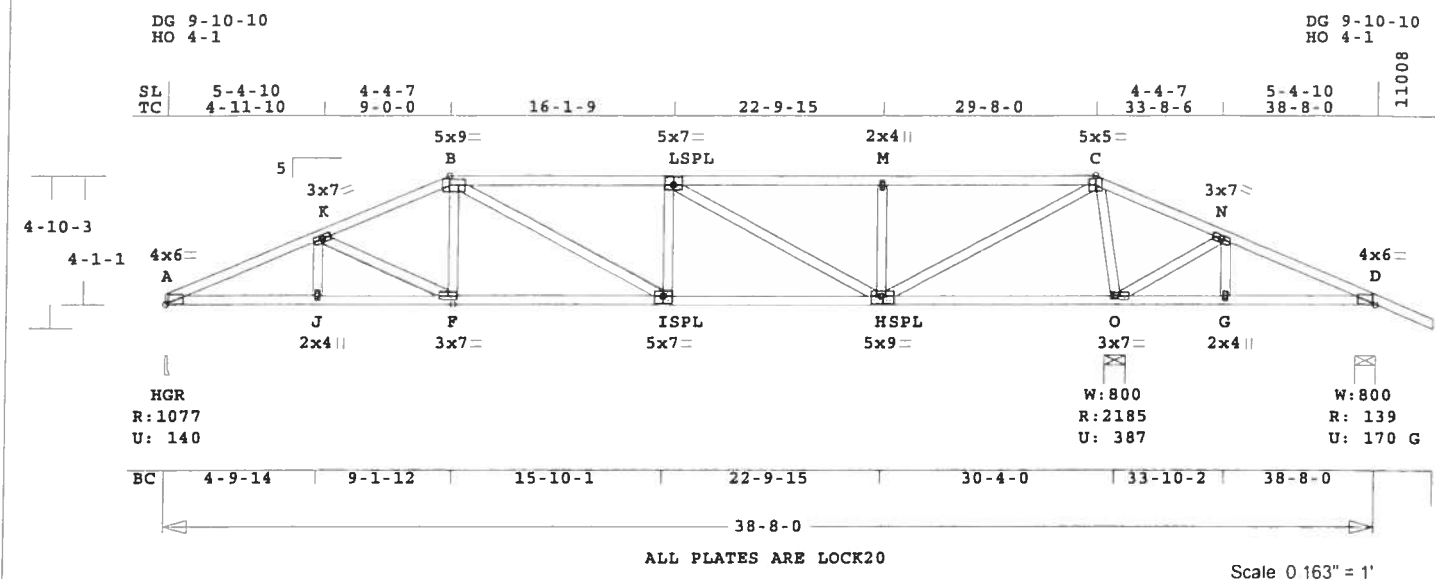
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A16	1	HIPP	380800	5	0	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 244.2 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ---Lumber---
TC 0.54 2x 4 SP-#2
BC 0.45 2x 4 SP-#2
WB 0.74 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	38- 8- 0
BC Cont.	0- 0- 0	38- 8- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15 Fc=1.10 Ft=1.10			
BC Fb=1.10 Fc=1.10 Ft=1.10			

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1078	141	3- 8	1- 8
			Hz =	-72
O	2186	388	8- 0	2- 7
D	139	170G	8- 0	1- 8
			Hz =	72

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -K	0.23	2196 C	0.11 0.12
K -B	0.26	1845 C	0.02 0.24
B -L	0.50	1893 C	0.02 0.48
L -M	0.48	1018 C	0.00 0.48
M -C	0.50	1018 C	0.00 0.50
C -N	0.54	1277 T	0.20 0.34
N -D	0.48	806 T	0.14 0.34
-----Bottom Chords-----			
A -J	0.40	2023 T	0.33 0.07
J -F	0.43	2023 T	0.33 0.10
F -I	0.41	1703 T	0.28 0.13
I -H	0.45	1893 T	0.19 0.26

H -O	0.26	919 C	0.00	0.26	
O -G	0.25	725 C	0.00	0.25	
G -D	0.14	725 C	0.00	0.14	
-----Webs-----					
J -K	0.02	143 T			
K -F	0.09	343 C			
F -B	0.05	342 T			
B -I	0.05	215 T			
I -L	0.03	205 T			
L -H	0.74	1000 C			
H -M	0.07	385 C			
H -C	0.62	2185 T			
C -O	0.35	1804 C			
O -N	0.11	557 C			
G -N	0.02	144 T			

TL Defl -0.27" in F -I L/999
LL Defl -0.12" in F -I L/999
Shear // Grain in B -L 0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	Lock	20 Ga, Gross Area
Plate - RHS	20 Ga, Gross Area	
Jt Type	Plt Size	X Y JSI
A LOCK	4.0x 6.0	Ctr 0.1 0.75
K LOCK	3.0x 7.0	Ctr Ctr 0.40
B LOCK	5.0x 9.0	Ctr-0.1 0.99
L LOCK	5.0x 7.0	Ctr 0.5 0.78
M LOCK	2.0x 4.0	Ctr Ctr 0.47
C LOCK	5.0x 5.0	Ctr Ctr 0.95
N LOCK	3.0x 7.0	Ctr Ctr 0.41
D LOCK	4.0x 6.0	Ctr 0.1 0.75
J LOCK	2.0x 4.0	Ctr Ctr 0.47
F LOCK	3.0x 7.0	Ctr Ctr 0.46
I LOCK	5.0x 7.0	Ctr-0.5 0.78
H LOCK	5.0x 9.0	Ctr-0.5 0.78
O LOCK	3.0x 7.0	Ctr Ctr 0.42
G LOCK	2.0x 4.0	Ctr Ctr 0.47

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

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

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.

Prevent truss rotation at all bearing locations.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

User-defined wind-exposed BC

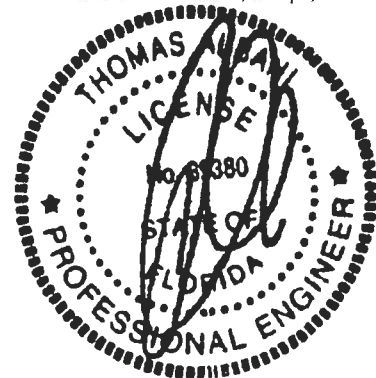
regions --From-- ---To---

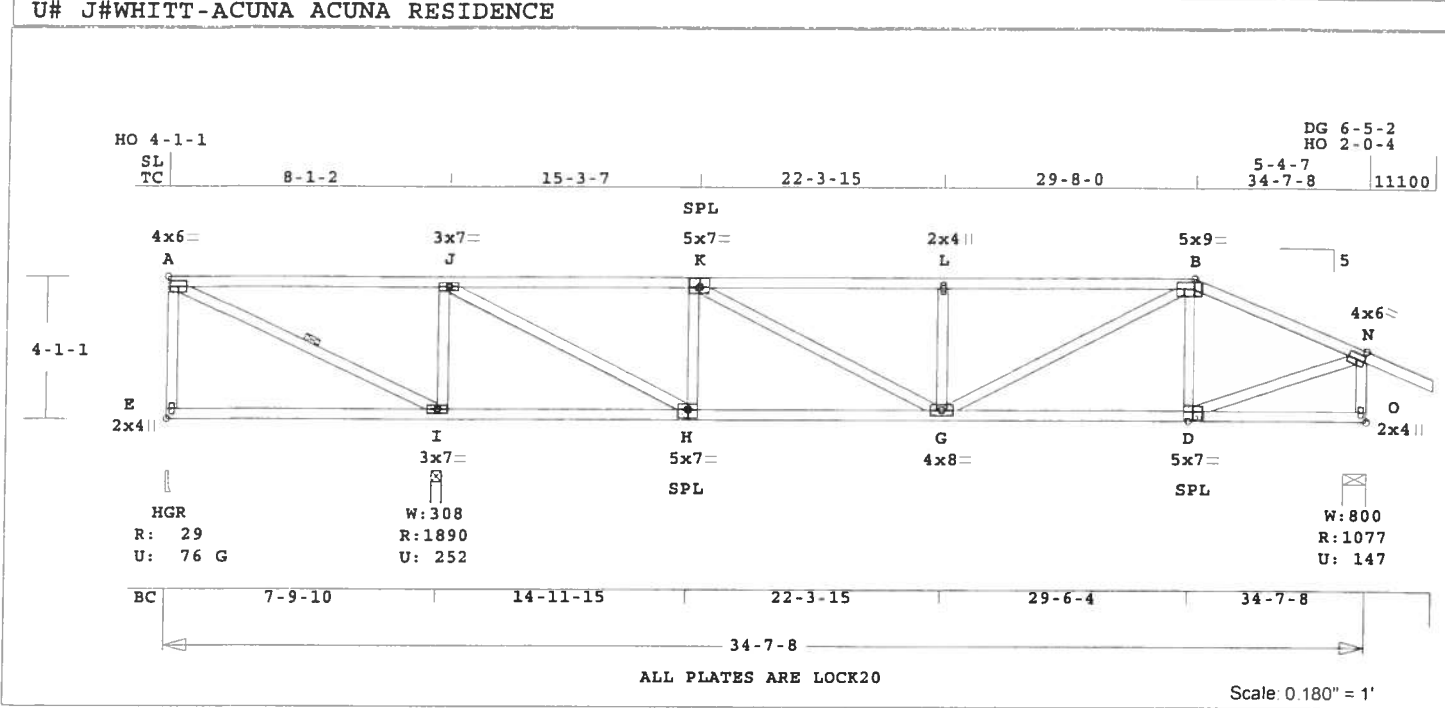
30- 4- 0 38- 8- 0

Max comp. force 2196 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 240.5 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber-----
TC 0.80 2x 4 SP-#2
BC 0.40 2x 4 SP-#2
WB 0.54 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 7- 8
BC Cont. 0- 0- 0 34- 7- 8
WB 1 rows CLB on A -I
Attach CLB with (2)-10d nails
at each web.

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
E 29 76G 3- 8 1- 8
I 1891 252 3- 8 2- 0
O 1078 147 8- 0 1- 8
Hz = -124
Hz = 81
G = Gravity Uplift

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -J 0.80 684 T 0.11 0.69
J -K 0.69 939 C 0.00 0.69
K -L 0.51 1558 C 0.01 0.50
L -B 0.51 1558 C 0.01 0.50
B -N 0.30 1089 C 0.06 0.24
-----Bottom Chords-----

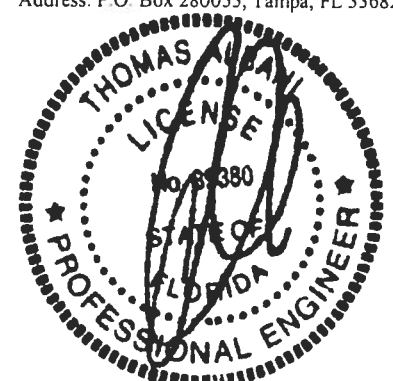
TL Defl -0.20" in E -I L/452
LL Defl -0.10" in E -I L/896
Shear // Grain in A -J 0.36

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.72
J LOCK 3.0x 7.0 Ctr Ctr 0.61
K LOCK 5.0x 7.0 Ctr 0.5 0.74
L LOCK 2.0x 4.0 Ctr Ctr 0.44
B LOCK 5.0x 9.0 Ctr-0.1 0.94
N LOCK 4.0x 6.0 Ctr Ctr 0.72
E LOCK 2.0x 4.0 Ctr Ctr 0.48
I LOCK 3.0x 7.0 Ctr Ctr 0.44
H LOCK 5.0x 7.0 Ctr-0.5 0.74
G LOCK 4.0x 8.0 Ctr Ctr 0.46
D LOCK 5.0x 7.0 Ctr-0.5 0.74
O LOCK 2.0x 4.0 Ctr Ctr 0.48

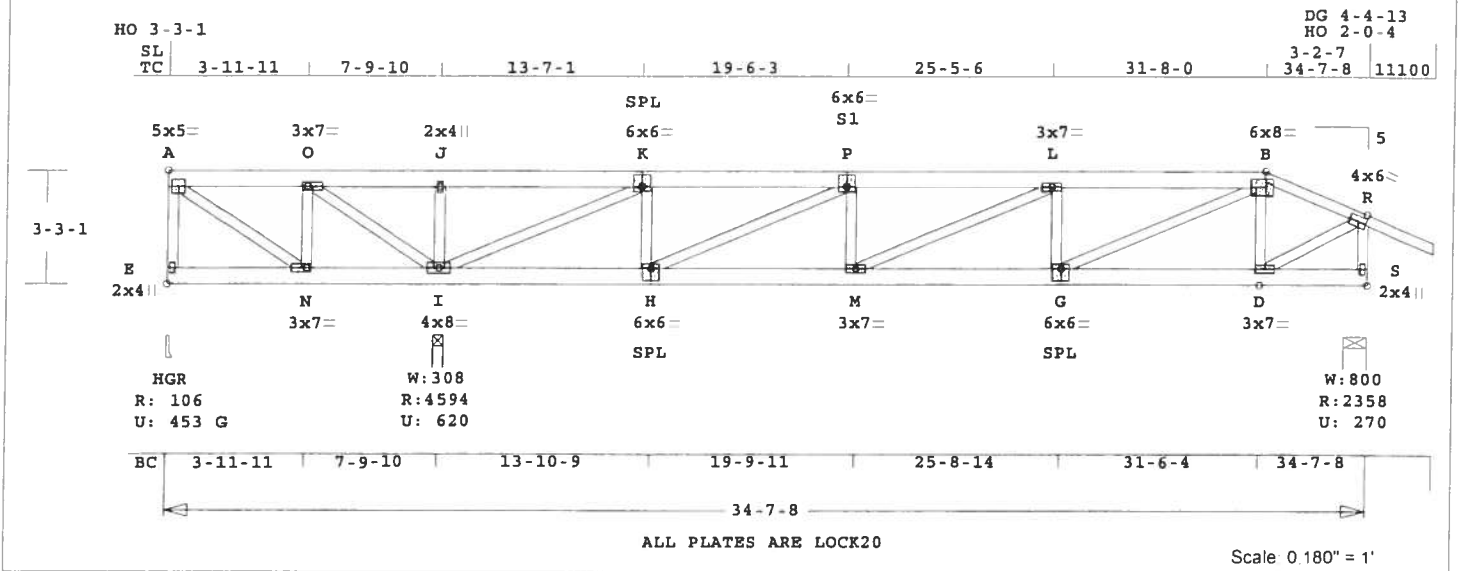
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1558 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A18	1*2P	HHIP	340708	5	0	1-11- 0	T07010925
U# J#WHITT-ACUNA ACUNA RESIDENCE								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 299.4 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

* 2-Ply Truss *

CSI -Size- ----Lumber----
TC 0.45 2x 6 SP-#2
EX B -R 2x 4 SP-#2
BC 0.35 2x 6 SP-#2
WB 0.39 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 7- 8
BC Cont. 0- 0- 0 34- 7- 8

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 90 45 0.0' 34.6'
BC V 0 45 0.0' 34.6'

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

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
E 107 453G 3- 8 1- 8
Hz = -118
I 4594 620 3- 8 2- 7
S 2358 271 8- 0 1- 8
Hz = 79
G = Gravity Uplift

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -O 0.16 1077 T 0.07 0.09
O -J 0.45 2893 T 0.19 0.26
J -K 0.45 2893 T 0.19 0.26
K -S1 0.16 1595 C 0.00 0.16
S1-L 0.17 4013 C 0.01 0.16
L -B 0.16 4120 C 0.01 0.15
B -R 0.19 2038 C 0.06 0.13
-----Bottom Chords-----
E -N 0.05 225 T 0.00 0.05
N -I 0.17 1077 C 0.00 0.17
I -H 0.27 1595 T 0.10 0.17
H -M 0.33 4013 T 0.26 0.07
M -G 0.35 4120 T 0.27 0.08

G -D 0.19 1916 T 0.12 0.07
D -S 0.09 57 T 0.00 0.09
-----Webs-----
E -A 0.05 544 T WindLd
A -N 0.07 1334 C
N -O 0.08 872 T
O -I 0.12 2249 C
I -J 0.03 788 C
J -K 0.39 4963 C
H -K 0.12 1352 T
H -S1 0.21 2674 C
M -S1 0.04 573 T
M -L 0.00 117 C
G -L 0.03 735 C
G -B 0.22 2406 T
D -B 0.03 803 C
D -R 0.19 2165 T
S -R 0.09 2068 C WindLd

TL Defl -0.18" in M -G L/999
LL Defl -0.09" in M -G L/999
Shear // Grain in J -K 0.17

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 Ctr Ctr 0.74
O LOCK 3.0x 7.0 Ctr Ctr 0.42
J LOCK 2.0x 4.0 Ctr Ctr 0.44
K LOCK 6.0x 6.0 Ctr Ctr 1.2 0.77
S1 LOCK 6.0x 6.0 Ctr Ctr 1.2 0.59
L LOCK 3.0x 7.0 Ctr Ctr 0.46
B LOCK 6.0x 8.0 0.5 Ctr 0.98
R LOCK 4.0x 6.0 Ctr Ctr 0.72
E LOCK 2.0x 4.0 Ctr Ctr 0.79
N LOCK 3.0x 7.0 Ctr Ctr 0.42
I LOCK 4.0x 8.0 Ctr Ctr 0.90
H LOCK 6.0x 6.0 Ctr Ctr 1.2 0.59
M LOCK 3.0x 7.0 Ctr Ctr 0.46
G LOCK 6.0x 6.0 Ctr Ctr 1.2 0.59
D LOCK 3.0x 7.0 Ctr Ctr 0.43
S LOCK 2.0x 4.0 Ctr Ctr 0.79

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

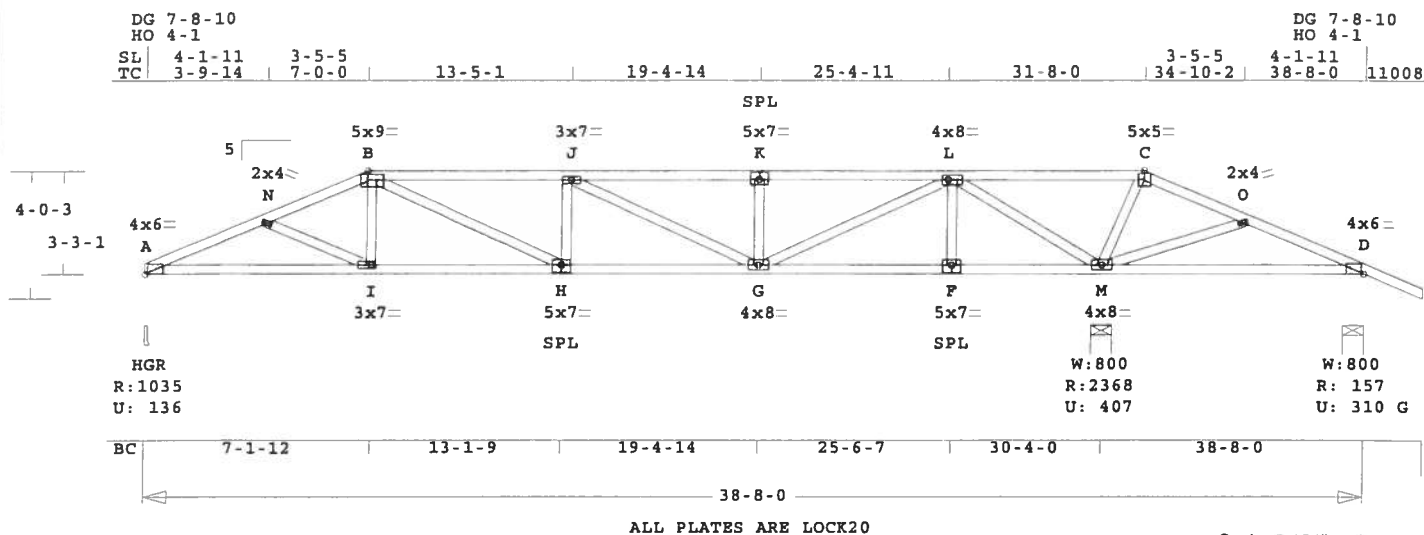
Girder Common
Loading TC and BC
Span 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails
as each layer is applied.)
----Spacing (In)----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 12 24 0
WB 1 8 8

Web Connection Exception --
Use 4" spacing for screws or
nails on the following webs
I -K
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Use properly rated hangers for
loads framing into girder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4963 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A19	1	SP	3808'0"	5	0	1-10- 8	T07010925
U# J#WHITT-ACUNA ACUNA RESIDENCE								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 240.5 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber----
TC 0.70 2x 4 SP-#2
BC 0.48 2x 4 SP-#2
WB 0.88 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 38- 8- 0
BC Cont. 0- 0- 0 38- 8- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
A 1035 136 3- 8 1- 8
Hz = -55
M 2369 408 8- 0 2-11
D 157 311G 8- 0 1- 8
Hz = 55

G = Gravity Uplift

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -N 0.19 2114 C 0.12 0.07
N -B 0.20 1927 C 0.02 0.18
B -J 0.39 2289 C 0.03 0.36
J -K 0.37 1717 C 0.01 0.36
K -L 0.41 1717 C 0.01 0.40
L -C 0.70 1812 T 0.30 0.40
C -O 0.49 1543 T 0.25 0.24
O -D 0.43 1121 T 0.18 0.25
-----Bottom Chords-----
A -I 0.42 1944 T 0.32 0.10
I -H 0.40 1784 T 0.19 0.21

H -G 0.48 2289 T 0.38 0.10
G -F 0.21 151 T 0.01 0.20
F -M 0.33 151 T 0.01 0.32
M -D 0.32 1001 C 0.00 0.32

-----Webs-----
N -I 0.03 226 T
I -B 0.04 286 T
B -H 0.10 557 T
H -J 0.01 134 T
J -G 0.35 635 C
G -K 0.04 351 C
K -L 0.36 1739 T
F -L 0.02 179 T
L -M 0.88 2322 C
M -C 0.14 912 C
M -O 0.14 457 C

TL Defl -0.16" in M -D L/560
LL Defl -0.13" in H -G L/999
Shear // Grain in B -J 0.26

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr 0.1 0.75
N LOCK 2.0x 4.0 Ctr Ctr 0.47
B LOCK 5.0x 9.0 Ctr-0.1 0.99
J LOCK 3.0x 7.0 Ctr Ctr 0.46
K LOCK 5.0x 7.0 Ctr 0.5 0.78
L LOCK 4.0x 8.0 Ctr Ctr 0.82
C LOCK 5.0x 5.0 Ctr Ctr 0.95
O LOCK 2.0x 4.0 Ctr Ctr 0.47
D LOCK 4.0x 6.0 Ctr 0.1 0.75
I LOCK 3.0x 7.0 Ctr Ctr 0.48
H LOCK 5.0x 7.0 Ctr-0.5 0.78
G LOCK 4.0x 8.0 Ctr Ctr 0.67
F LOCK 5.0x 7.0 Ctr-0.5 0.78
M LOCK 4.0x 8.0 Ctr Ctr 0.76

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Prevent truss rotation at all
bearing locations.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

User-defined wind-exposed BC

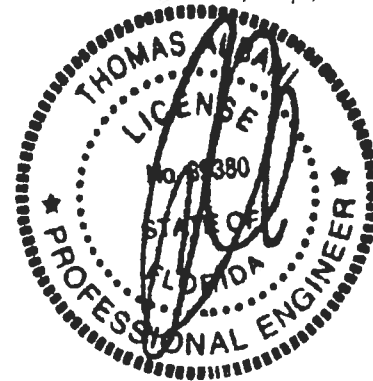
regions --From-- --To--

30- 4- 0 38- 8- 0

Max comp. force 2322 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682

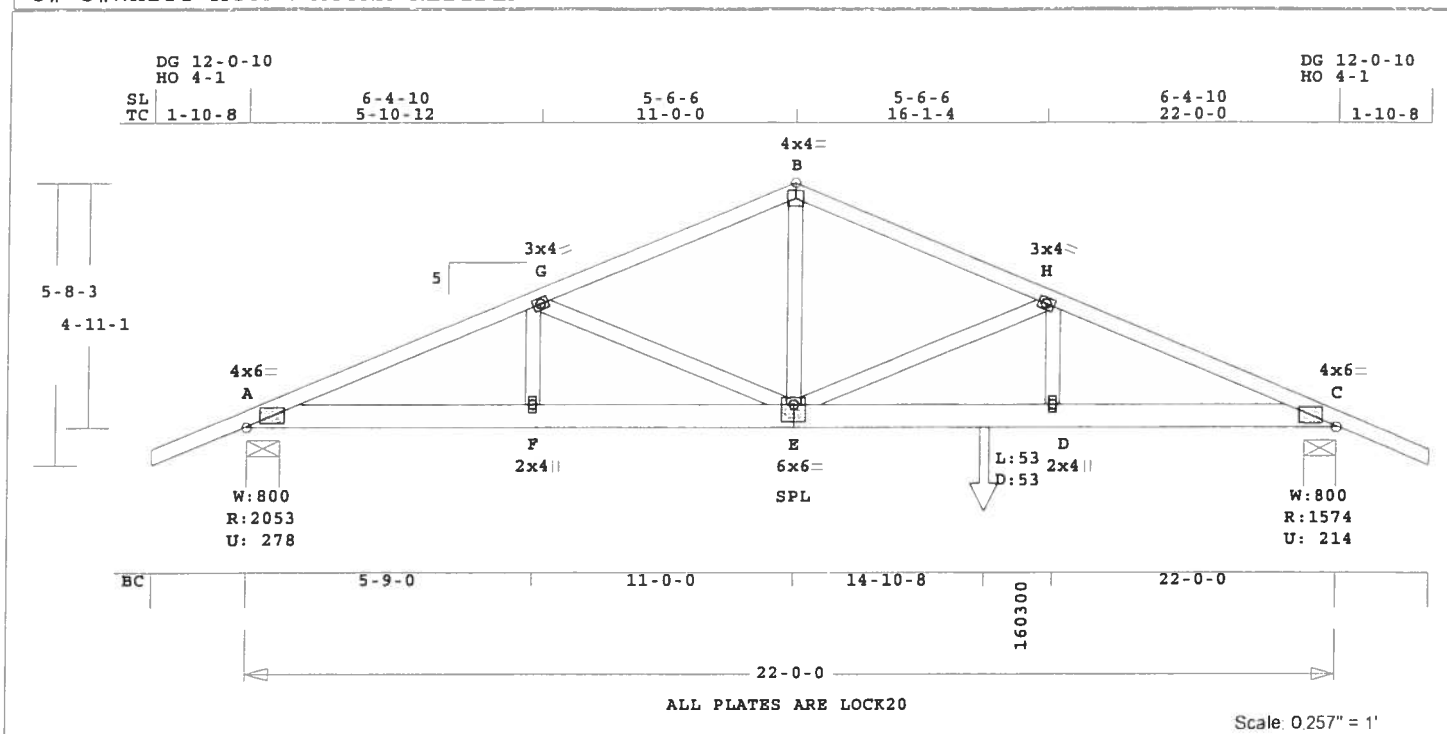


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	A20	1*2P	HIPP	380800	5	0	1-10- 8	T07010925
U# J#WHITT-ACUNA ACUNA RESIDENCE								

Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 User-defined wind-exposed BC
 regions --From-- ---To---
 30- 4- 0 38- 8- 0
 Max comp. force 7581 Lbs
 Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	B2	1*2P	TR	220000	5	1-10- 8	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 151.2 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

* 2-Ply Truss *

CSI	-Size-	----	Lumber----
TC	0.24	2x 4	SP-#2
BC	0.43	2x 6	SP-#2
WB	0.14	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 0- 0
BC Cont.	0- 0- 0	22- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00 Fc=1.00 Ft=1.00			
BC Fb=1.00 Fc=1.00 Ft=1.00			

Load Case # 1 Standard Loading				
Lumber Duration Factor	1.25			
Plate Duration Factor	1.25			
plf - Live Dead From To				
TC V	40	20	0.0'	22.0'
BC V	0	20	0.0'	22.0'
BC V	50	50	0.0'	7.9'
BC V	60	60	7.9'	14.0'
BC V	53	53	14.9'	CL-LB

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	2054	279	8- 0	1- 8
			Hz =	-75
C	1575	215	8- 0	1- 8
			Hz =	76

Membr CSI P Lbs Ax1-CS1-Bnd
-----Top Chords-----
A -G 0.24 3771 C 0.13 0.11

G -B	0.20	2496	C	0.09	0.11
B -H	0.19	2495	C	0.09	0.10
H -C	0.21	3219	C	0.11	0.10
-----Bottom Chords-----					
A -F	0.43	3493	T	0.23	0.20
F -E	0.39	3493	T	0.23	0.16
E -D	0.35	2976	T	0.19	0.16
D -C	0.26	2976	T	0.19	0.07
-----Webs-----					
F -G	0.06	788	T		
G -E	0.08	1304	C		
E -B	0.14	1606	T		
E -H	0.04	738	C		
D -H	0.02	364	T		

TL Defl -0.11" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in E -D 0.16

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.62
G LOCK 3.0x 4.0 Ctr Ctr 0.58
B LOCK 4.0x 4.0 Ctr Ctr 0.68
H LOCK 3.0x 4.0 Ctr Ctr 0.58
C LOCK 4.0x 6.0 Ctr Ctr 0.62
F LOCK 2.0x 4.0 Ctr Ctr 0.42
E LOCK 6.0x 6.0 Ctr-1.2 0.55
D LOCK 2.0x 4.0 Ctr Ctr 0.38

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

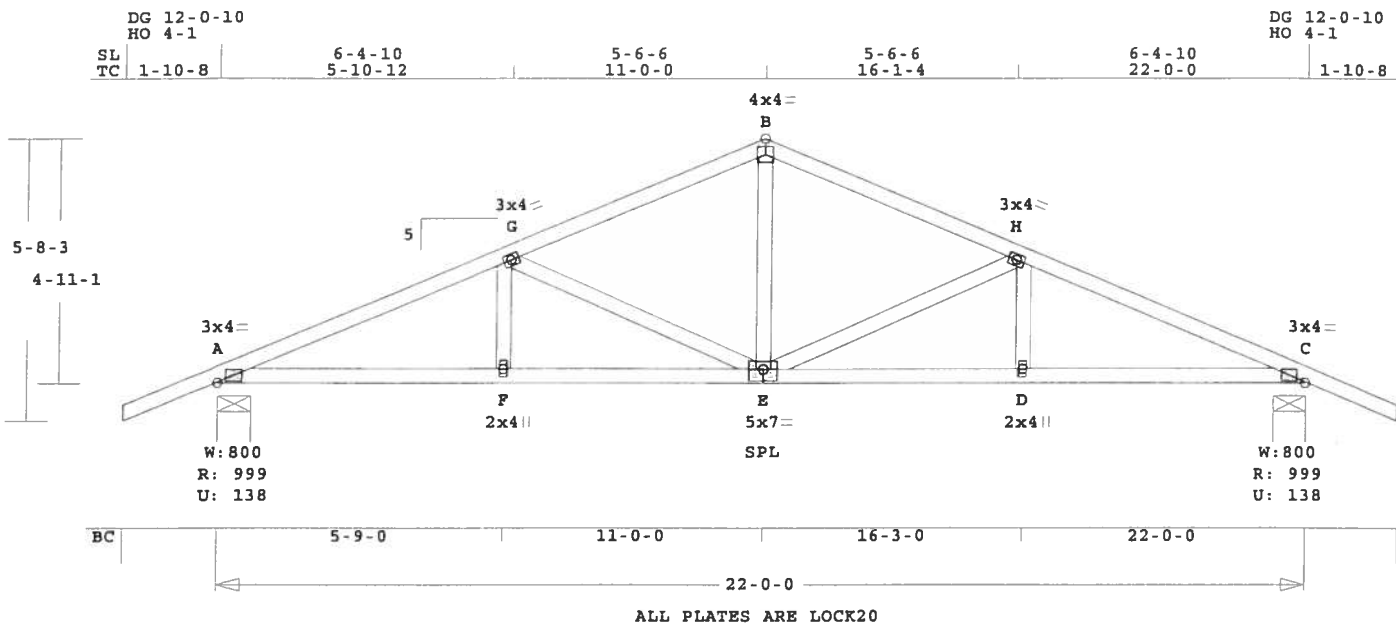
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails
as each layer is applied.)
-----Spacing (In)-----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 12 24 0
WB 1 8 8
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3771 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job WHITT-ACUNA	Mark B3	Quan 1	Type TR	Span 220000	Pl-H1 5	Left OH 1-10- 8	Right OH 1-10- 8	Engineering T07010925
U# J#WHITT-ACUNA ACUNA RESIDENCE								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 131.6 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber-----
TC 0.31 2x 4 SP-#2
BC 0.36 2x 4 SP-#2
WB 0.22 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0 22- 0- 0	
BC Cont.	0- 0- 0 22- 0- 0	

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1000	138	8- 0	1- 8
			Hz =	-76
C	1000	138	8- 0	1- 8
			Hz =	77

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -G	0.31	1681	C	0.10	0.21
G -B	0.28	1143	C	0.07	0.21
B -H	0.28	1143	C	0.07	0.21
H -C	0.31	1681	C	0.10	0.21

-----Bottom Chords-----
A -F 0.36 1556 T 0.26 0.10
F -E 0.34 1556 T 0.26 0.08
E -D 0.34 1556 T 0.26 0.08
D -C 0.36 1556 T 0.26 0.10

-----Webs-----
F -G 0.03 214 T
G -E 0.22 556 C
E -B 0.10 576 T
E -H 0.22 556 C
D -H 0.03 214 T

TL Defl -0.12" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in A -G 0.20

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga,	Gross Area
Plate -	LOCK	20 Ga,	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	3.0x 4.0	Ctr	Ctr 0.83
G LOCK	3.0x 4.0	Ctr	Ctr 0.58
B LOCK	4.0x 4.0	Ctr	Ctr 0.68
H LOCK	3.0x 4.0	Ctr	Ctr 0.58
C LOCK	3.0x 4.0	Ctr	Ctr 0.83
F LOCK	2.0x 4.0	Ctr	Ctr 0.40
E LOCK	5.0x 7.0	Ctr	-0.5 0.59
D LOCK	2.0x 4.0	Ctr	Ctr 0.40

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

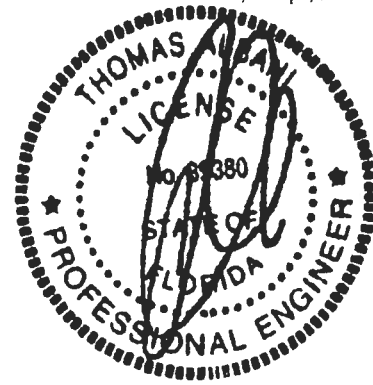
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1681 Lbs

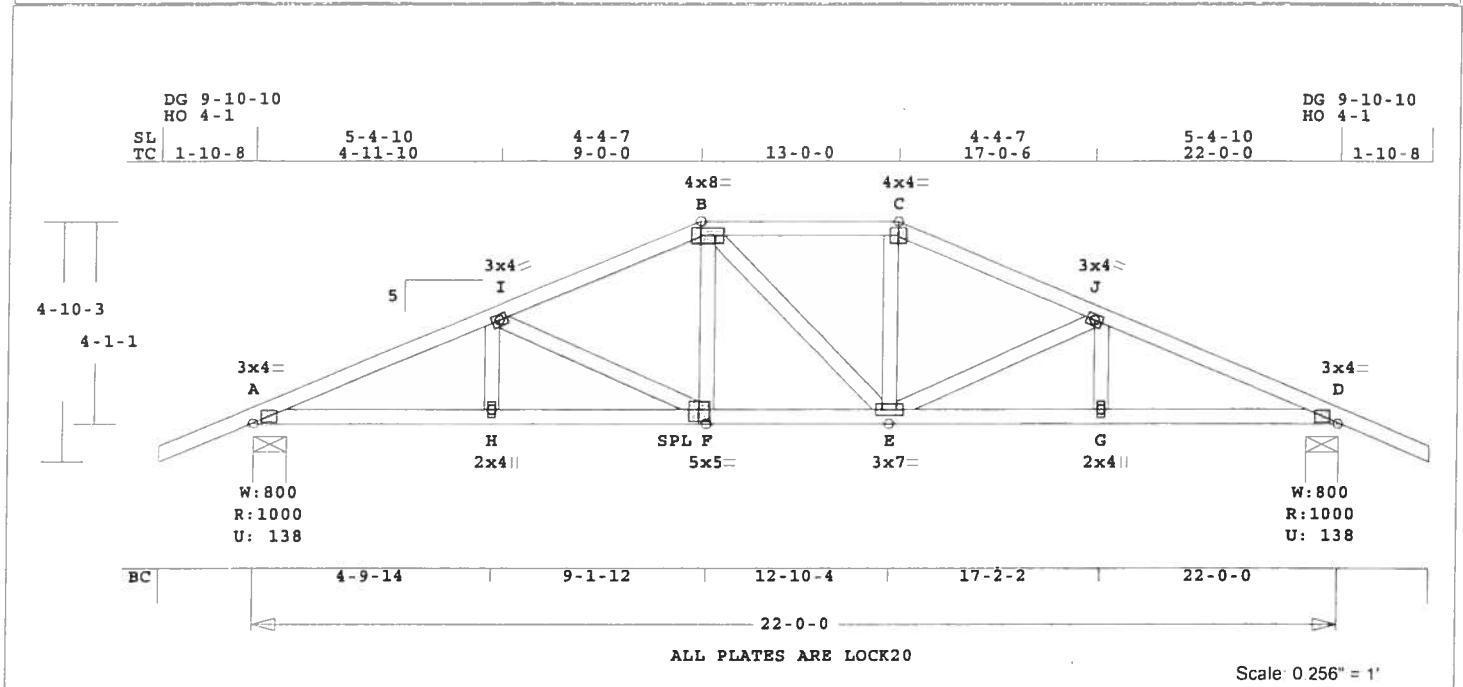
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job WHITT-ACUNA	Mark B4	Quan 1	Type HIPP	Span 220000	P1-H1 5	Left OH 1-10- 8	Right OH 1-10- 8	Engineering T07010925
---------------------------	-------------------	------------------	---------------------	-----------------------	-------------------	---------------------------	----------------------------	---------------------------------

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 140.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber-----
TC 0.23 2x 4 SP-#2
BC 0.32 2x 4 SP-#2
WB 0.11 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 0- 0
BC Cont.	0- 0- 0	22- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1000	138	8- 0	1- 8
			Hz =	-62
D	1000	138	8- 0	1- 8
			Hz =	63

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -I	0.23	1727	C	0.10	0.13
I -B	0.21	1325	C	0.08	0.13
B -C	0.14	1222	C	0.01	0.13
C -J	0.21	1324	C	0.08	0.13
J -D	0.23	1728	C	0.10	0.13
-----Bottom Chords-----					
A -H	0.32	1594	T	0.26	0.06
H -F	0.31	1594	T	0.26	0.05
F -E	0.25	1216	T	0.20	0.05
E -G	0.31	1595	T	0.26	0.05
G -D	0.32	1595	T	0.26	0.06

-----Webs-----
H -I 0.02 173 T
I -F 0.11 410 C
F -B 0.04 288 T
B -E 0.01 56 T
E -C 0.04 287 T
E -J 0.11 413 C
G -J 0.02 171 T

TL Defl -0.12" in H -F L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in A -I 0.15

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - RHS	20 Ga	Gross Area	
Jt Type	Plt Size	X	Y
A LOCK	3.0x 4.0	Ctr	Ctr
I LOCK	3.0x 4.0	Ctr	Ctr
B LOCK	4.0x 8.0	Ctr	Ctr
C LOCK	4.0x 4.0	Ctr	Ctr
J LOCK	3.0x 4.0	Ctr	Ctr
D LOCK	3.0x 4.0	Ctr	Ctr
H LOCK	2.0x 4.0	Ctr	Ctr
F LOCK	5.0x 5.0	Ctr	-0.5
E LOCK	3.0x 7.0	Ctr	Ctr
G LOCK	2.0x 4.0	Ctr	Ctr

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

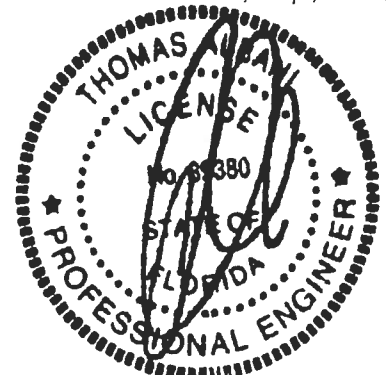
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

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

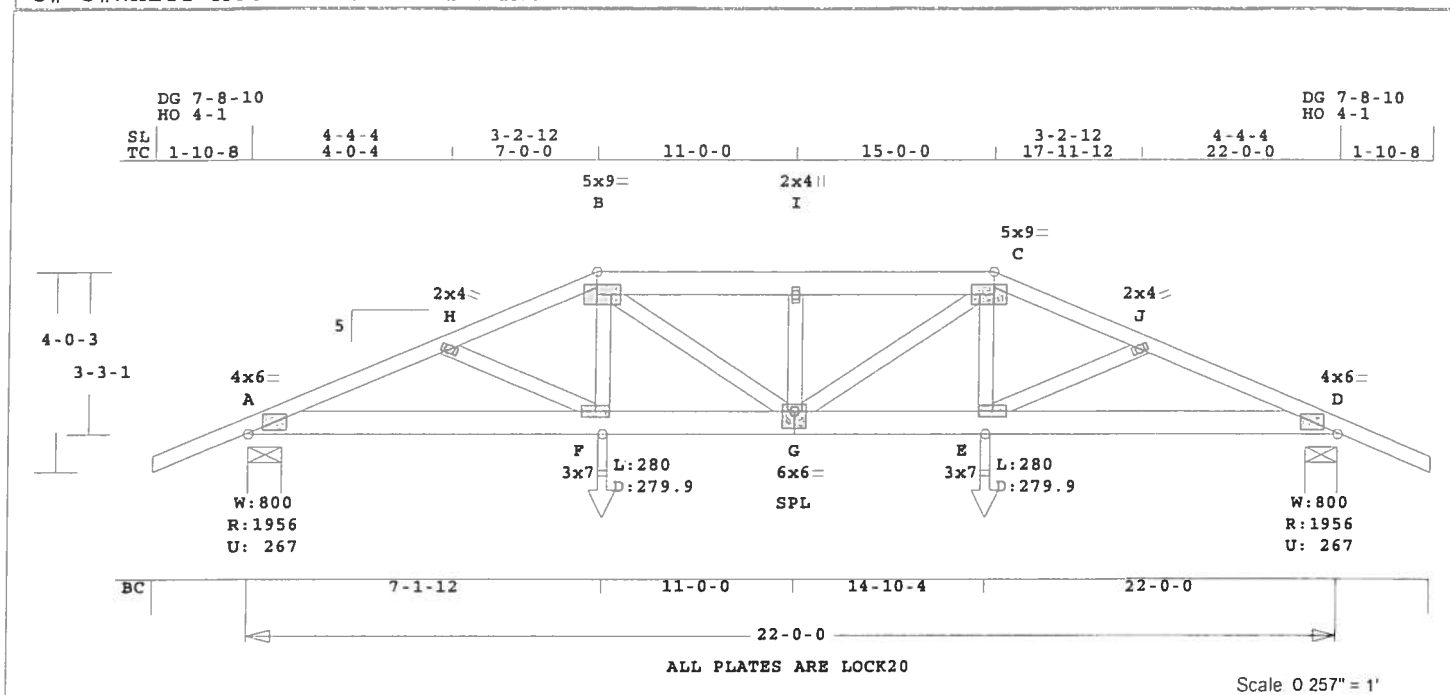
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1728 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	B5	1	HIPP	220000	5	1-10- 8	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 163.9 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber-----
TC 0.57 2x 4 SP-#2
EX B -C 2x 6 SP-#2
BC 0.71 2x 6 SP-#2
WB 0.16 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 0- 0
BC Cont.	0- 0- 0	22- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0

Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 22.0'
BC V 0 20 0.0' 22.0'
TC V 50 25 7.0' 15.0'
BC V 0 25 7.1' 14.9'
BC V 280 280 7.1' CL-LB
BC V 280 280 14.9' CL-LB

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1956	268	8- 0	2- 5
			Hz =	-47
D	1956	268	8- 0	2- 5
			Hz =	48

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----

A -H	0.39	4142	C	0.16	0.23
H -B	0.57	4027	C	0.12	0.45
B -I	0.35	4477	C	0.07	0.28
I -C	0.35	4477	C	0.07	0.28
C -J	0.57	4027	C	0.12	0.45
J -D	0.39	4142	C	0.16	0.23
-----Bottom Chords-----					
A -F	0.71	3814	T	0.51	0.20
F -G	0.60	3722	T	0.49	0.11
G -E	0.60	3722	T	0.49	0.11
E -D	0.71	3814	T	0.51	0.20
-----Webs-----					
H -F	0.02	180	T		
F -B	0.12	692	T		
B -G	0.16	912	T		
G -I	0.09	751	C		
G -C	0.16	912	T		
E -C	0.12	692	T		
E -J	0.02	180	T		

TL Defl -0.30" in F -G L/827
LL Defl -0.15" in F -G L/999
Shear // Grain in B -I 0.31

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - RHS	20 Ga <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y
A LOCK	4.0x 6.0	Ctr	Ctr
H LOCK	2.0x 4.0	Ctr	Ctr
B LOCK	5.0x 9.0-0.5	Ctr	0.90
I LOCK	2.0x 4.0	Ctr	0.53
C LOCK	5.0x 9.0	0.5	Ctr
J LOCK	2.0x 4.0	Ctr	0.37
D LOCK	4.0x 6.0	Ctr	0.92
F LOCK	3.0x 7.0	Ctr	0.39
G LOCK	6.0x 6.0	Ctr	1.2
E LOCK	3.0x 7.0	Ctr	0.39

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0

OH Loading

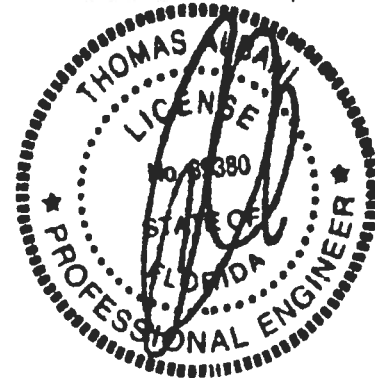
Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as

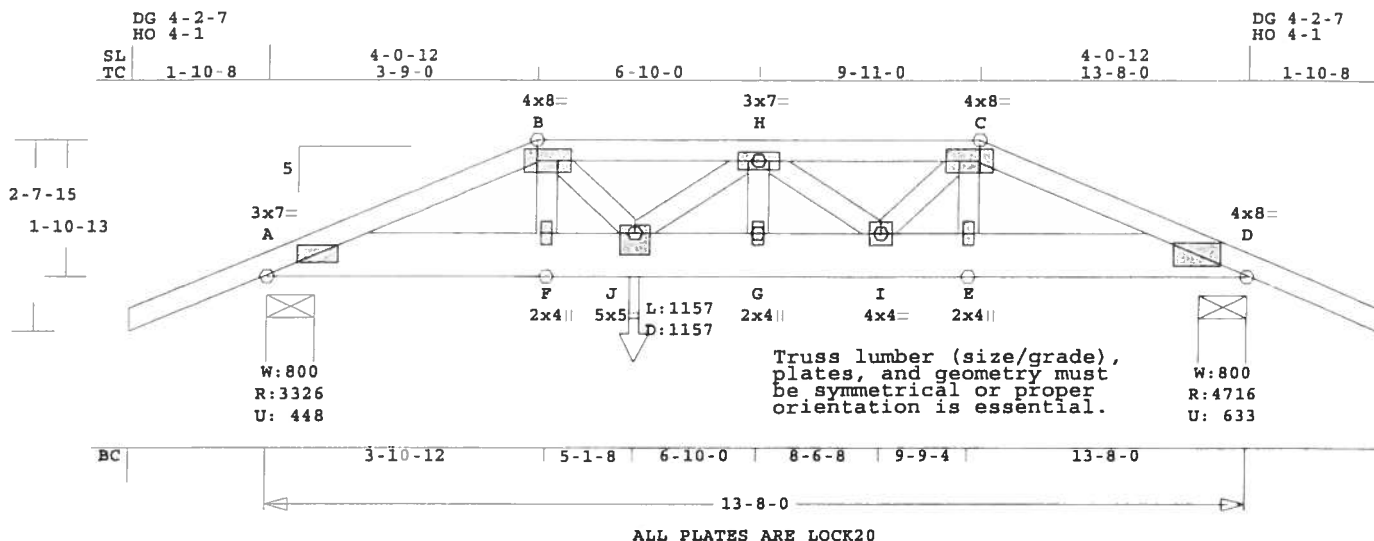
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4477 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address P O Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	C1	1*2P	HIPP	130800	5	1-10- 8	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Scale: 0.373" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 105.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

* 2-Ply Truss *

	CSI	-Size-	-----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.87	2x 8	SP-#2
WB	0.33	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	13- 8- 0	
BC Cont.	0- 0- 0	13- 8- 0	

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00	Fc=1.00	Ft=1.00	
BC Fb=1.00	Fc=1.00	Ft=1.00	

Load Case # 1 Standard Loading

Lumber Duration Factor	1.25			
Plate Duration Factor	1.25			
plf - Live	Dead	From	To	
TC V	40	20	0.0'	13.7'
BC V	0	20	0.0'	13.7'
BC V	287	287	6.0'	13.7'
BC V	1157	1157	5.1'	CL-LB

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	3326	448	8- 0	1-15
			Hz =	-26
D	4717	633	8- 0	2-13
			Hz =	-24

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
A -B	0.43	7698	C	0.34 0.09
B -H	0.46	9595	C	0.42 0.04
H -C	0.47	9370	C	0.41 0.06
C -D	0.52	8496	C	0.38 0.14

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

A -F	0.67	7162	T	0.40	0.27
F -J	0.70	7169	T	0.40	0.30
J -G	0.87	10230	T	0.57	0.30
G -I	0.81	10229	T	0.57	0.24
I -E	0.68	7857	T	0.44	0.24
E -D	0.85	7947	T	0.44	0.41

-----Webs-----

F -B	0.00	79	C
B -J	0.33	3622	T
J -H	0.03	838	C
G -H	0.10	1204	T
H -I	0.05	1136	C
I -C	0.20	2258	T
E -C	0.10	1195	T

TL Defl -0.21" in G -I L/696
LL Defl -0.11" in G -I L/999
Shear // Grain in E -D 0.27

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 3.0x 7.0 Ctr Ctr 0.99

B LOCK 4.0x 8.0 Ctr Ctr 0.75

H LOCK 3.0x 7.0 Ctr Ctr 0.40

C LOCK 4.0x 8.0 Ctr Ctr 0.74

D LOCK 4.0x 8.0 Ctr Ctr 0.89

F LOCK 2.0x 4.0 Ctr Ctr 0.38

J LOCK 5.0x 5.0 Ctr-1.1 0.99

G LOCK 2.0x 4.0 Ctr Ctr 0.65

I LOCK 4.0x 4.0 Ctr Ctr 0.53

E LOCK 2.0x 4.0 Ctr Ctr 0.64

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

2 COMPLETE TRUSSES REQUIRED.

Fasten together in staggered

pattern. (1/2" bolts -OR-

SDS3 screws -OR- 10d nails

as each layer is applied.)

-----Spacing (In)-----

Rows Nails Screws Bolts

TC 1 12 24 0

BC 2 12 24 0

WB 1 8 8

Plus clusters of nails where

shown.

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.

Prevent truss rotation at all

bearing locations.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

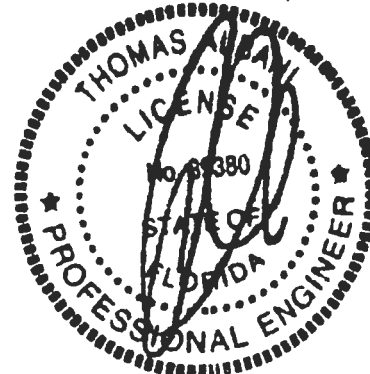
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 9595 Lbs

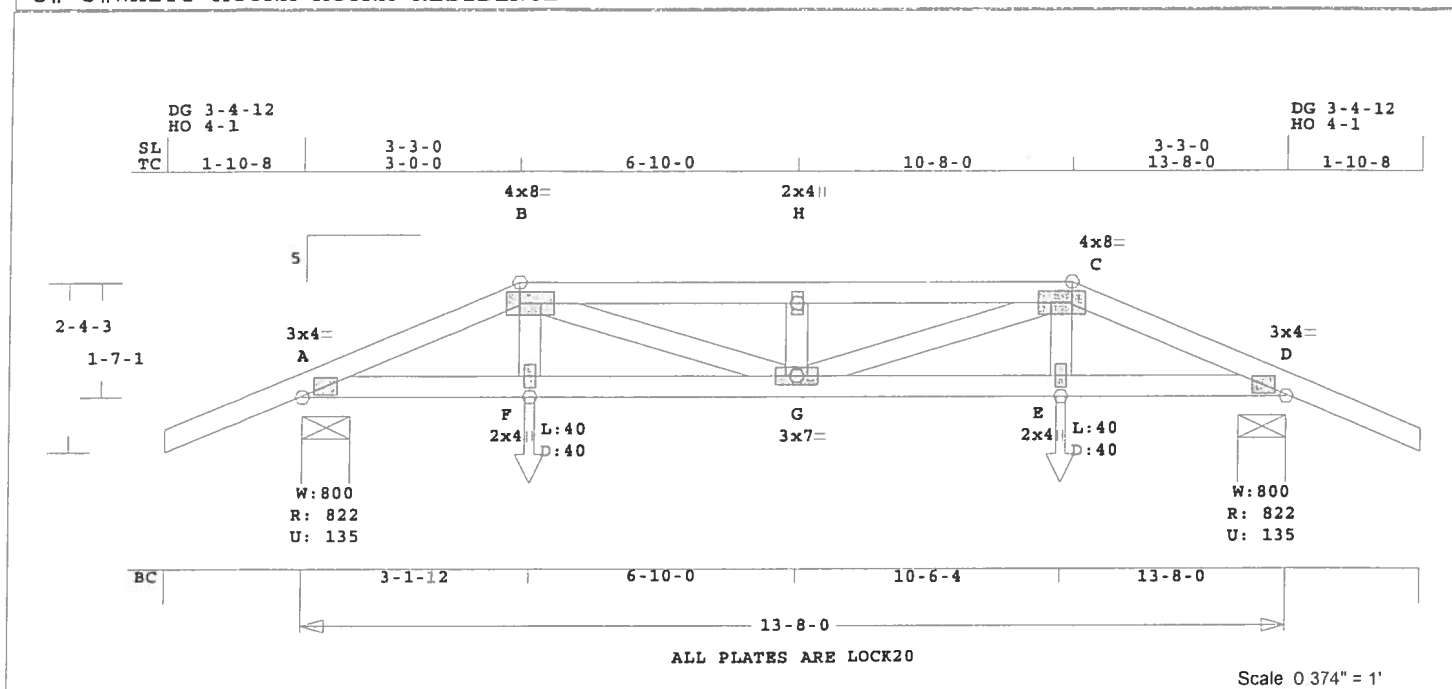
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	C2	1	HIPP	130800	5	1-10- 8	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 79.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

	CSI	-Size-	-----Lumber-----
TC	0.24	2x 4	SP-#2
BC	0.32	2x 4	SP-#2
WB	0.11	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	13- 8- 0	
BC Cont.	0- 0- 0	13- 8- 0	

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00 Fc=1.00 Ft=1.00			
BC Fb=1.00 Fc=1.00 Ft=1.00			

Load Case # 1 Girder Loading

Lumber Duration Factor	1.25			
Plate Duration Factor	1.25			
plf - Live	Dead	From	To	
TC V	40	20	0.0'	13.7'
BC V	0	20	0.0'	13.7'
TC V	10	5	3.0'	10.7'
BC V	0	5	3.1'	10.5'
BC V	40	40	3.1'	CL-LB
BC V	40	40	10.5'	CL-LB

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	823	136	8- 0	1- 8
D	823	136	8- 0	1- 8

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -B 0.16 1411 C 0.11 0.05

	B -H	0.24	1898 C	0.15	0.09
H -C	0.24	1898 C	0.15	0.09	
C -D	0.16	1411 C	0.11	0.05	
-----Bottom Chords-----					
A -F	0.31	1305 T	0.24	0.07	
F -G	0.32	1291 T	0.23	0.09	
G -E	0.32	1291 T	0.23	0.09	
E -D	0.31	1305 T	0.24	0.07	
-----Webs-----					
F -B	0.02	180 T			
B -G	0.11	637 T			
G -H	0.03	277 C			
G -C	0.11	637 T			
E -C	0.02	180 T			

TL Defl -0.11" in F -G L/999
LL Defl -0.05" in F -G L/999
Shear // Grain in B -H 0.18

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	- LOCK	20 Ga,	Gross Area
Jt Type	Plt Size	X	Y JSI
A	LOCK	3.0x 4.0	Ctr Ctr 0.69
B	LOCK	4.0x 8.0	Ctr Ctr 0.74
H	LOCK	2.0x 4.0	Ctr Ctr 0.38
C	LOCK	4.0x 8.0	Ctr Ctr 0.74
D	LOCK	3.0x 4.0	Ctr Ctr 0.69
F	LOCK	2.0x 4.0	Ctr Ctr 0.38
G	LOCK	3.0x 7.0	Ctr Ctr 0.46
E	LOCK	2.0x 4.0	Ctr Ctr 0.38

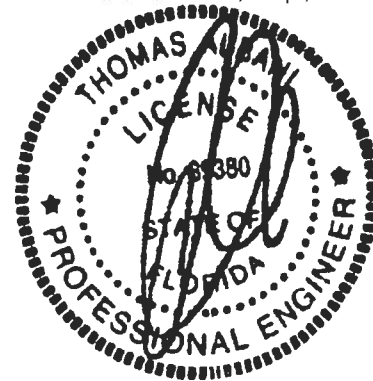
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

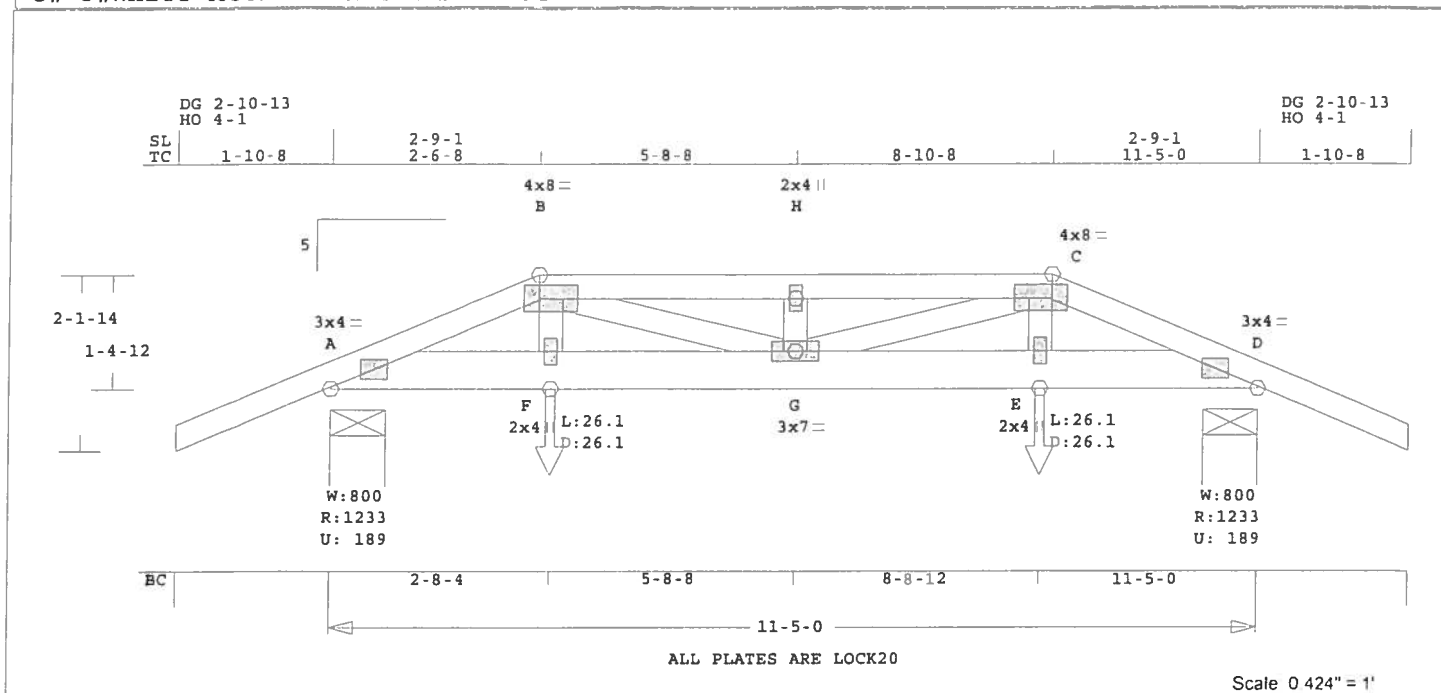
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 3- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1898 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	D1	1	HIPP	110500	5	1-10- 8	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 77.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

	CSI	Size	---Lumber---
TC	0.36	2x 4	SP-#2
BC	0.49	2x 6	SP-#2
WB	0.16	2x 4	SP-#2

Brace truss as follows:

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00	Fc=1.00	Ft=1.00	
BC Fb=1.00	Fc=1.00	Ft=1.00	

Load Case # 1 Girder Loading

	Lumber Duration Factor	Plate Duration Factor	plf - Live	Dead	From	To
TC V	40	20	0.0'	11.4'		
BC V	0	20	0.0'	11.4'		
BC V	50	50	0.0'	11.4'		
TC V	5	3	2.5'	8.9'		
BC V	0	3	2.7'	8.7'		
BC V	26	26	2.7'	CL-LB		
BC V	26	26	8.7'	CL-LB		

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

Jt	React	Uplft	Size Req'd
	Lbs	Lbs	In-Sx In-Sx
A	1234	190	8- 0 1- 8
D	1234	190	8- 0 1- 8

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----

A - B	0.28	2195	C	0.21	0.07	
B - H	0.36	2855	C	0.27	0.09	
H - C	0.36	2855	C	0.27	0.09	
C - D	0.28	2195	C	0.21	0.07	
-----Bottom Chords-----						
A - F	0.37	2061	T	0.27	0.10	
F - G	0.49	2005	T	0.26	0.23	
G - E	0.49	2005	T	0.26	0.23	
E - D	0.37	2061	T	0.27	0.10	
-----Webs-----						
F - B	0.05	365	T			
B - G	0.16	887	T			
G - H	0.02	153	C			
H - C	0.16	887	T			
E - C	0.05	365	T			

TL Defl -0.12" in G - E L/973
LL Defl -0.06" in G - E L/999
Shear // Grain in A - B 0.16

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga, Gross Area
Plate - LOCK 20 Ga, Gross Area		
Jt Type	Plt Size	X Y JSI
A LOCK	3.0x 4.0	Ctr Ctr 0.90
B LOCK	4.0x 8.0	Ctr Ctr 0.70
H LOCK	2.0x 4.0	Ctr Ctr 0.38
C LOCK	4.0x 8.0	Ctr Ctr 0.70
D LOCK	3.0x 4.0	Ctr Ctr 0.90
F LOCK	2.0x 4.0	Ctr Ctr 0.39
G LOCK	3.0x 7.0	Ctr Ctr 0.56
E LOCK	2.0x 4.0	Ctr Ctr 0.39

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

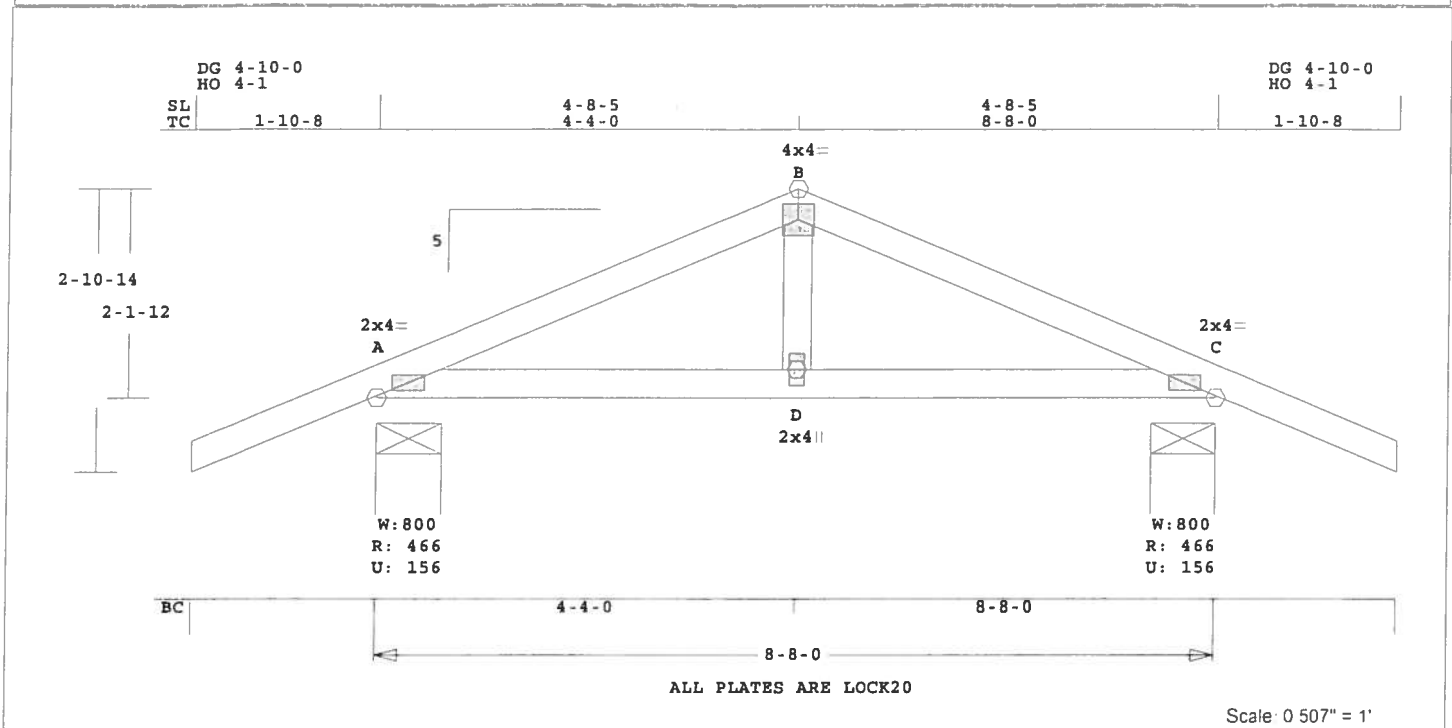
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 2- 6- 8
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2855 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	E1	1	TR	80800	5	1-10- 8	1-10- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber----
TC 0.28 2x 4 SP-#2
BC 0.19 2x 4 SP-#2
WB 0.02 2x 4 SP-#2

Brace truss as follows:

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	467	156	8- 0	1- 8
C	467	156	8- 0	1- 8

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.28	859	T	0.11	0.17
B -C	0.27	873	T	0.11	0.16
-----Bottom Chords-----					
A -D	0.19	719	C	0.00	0.19
D -C	0.19	719	C	0.00	0.19

D -B 0.02 336 C

TL Defl -0.02" in D -C L/999
LL Defl -0.01" in D -C L/999
Shear // Grain in A -B 0.19

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Jt Type	Plt Size	X	Y
A	LOCK	2.0x 4.0	Ctr Ctr 0.77
B	LOCK	4.0x 4.0	Ctr Ctr 0.50
C	LOCK	2.0x 4.0	Ctr Ctr 0.77
D	LOCK	2.0x 4.0	Ctr Ctr 0.38

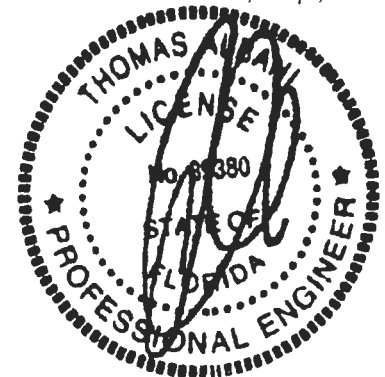
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

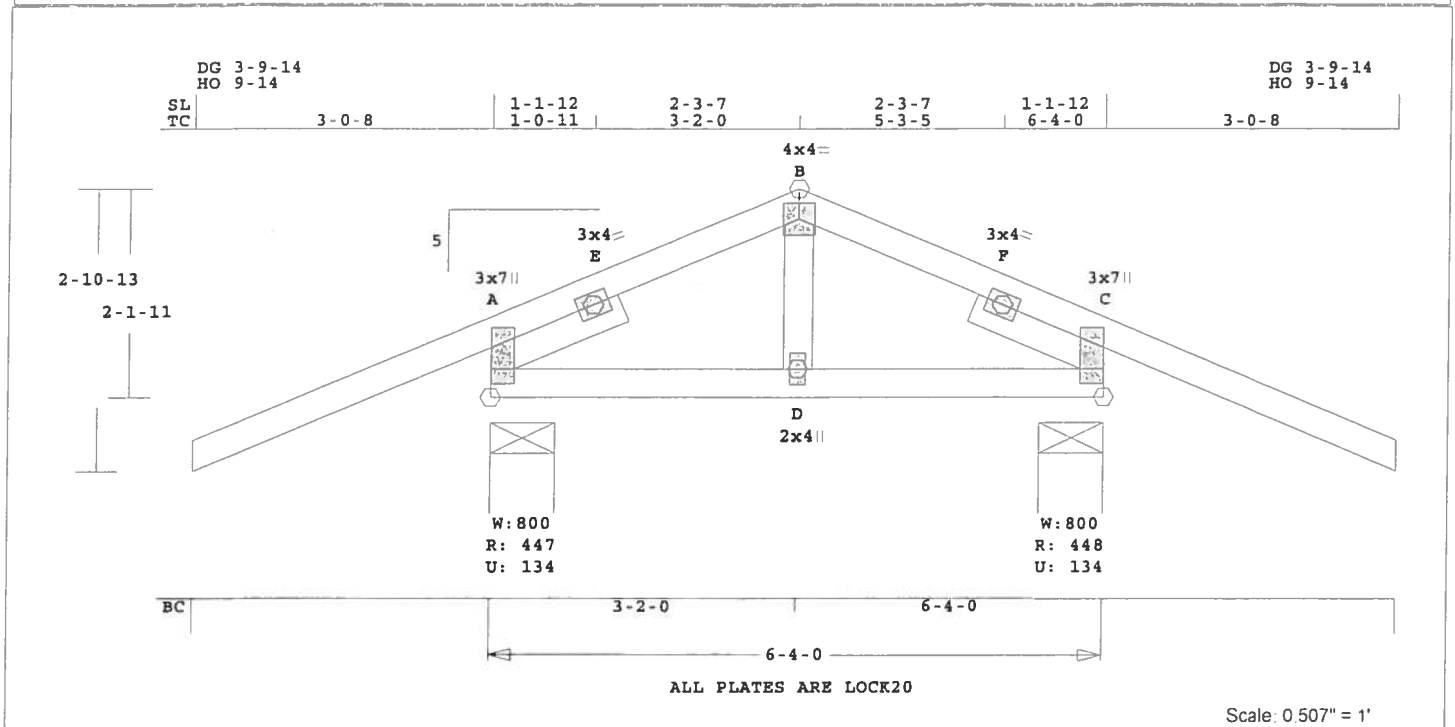
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0- 0- 0 8- 8- 0
Max comp. force 719 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	E2	2	TR	60400	5	3- 0- 8	3- 0- 8	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 46.4 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

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

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

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	6- 4- 0
BC Cont.	0- 0- 0	6- 4- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	448	134	8- 0	1- 8
C	448	135	8- 0	1- 8

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.05		249 T	0.03	0.02
E -B	0.12		590 T	0.07	0.05
B -F	0.12		590 T	0.07	0.05
F -C	0.05		251 T	0.03	0.02

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

A -D	0.12	454 C	0.00	0.12
D -C	0.12	454 C	0.00	0.12

-----Webs-----

D -B	0.02	246 C
------	------	-------

-----Sliders-----

A -E	0.05	369 T
F -C	0.05	367 T

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 7.0 1.5 0.3 0.64
E LOCK 3.0x 4.0 Ctr Ctr 0.50
B LOCK 4.0x 4.0 Ctr Ctr 0.46
F LOCK 3.0x 4.0 Ctr Ctr 0.50
C LOCK 3.0x 7.0-1.5 0.3 0.64
D LOCK 2.0x 4.0 Ctr Ctr 0.38

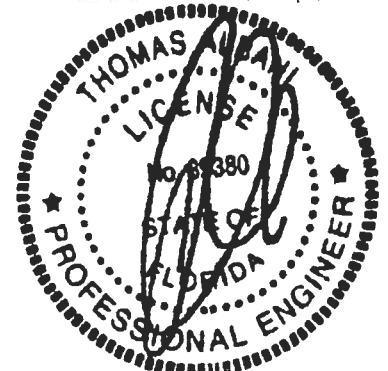
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:

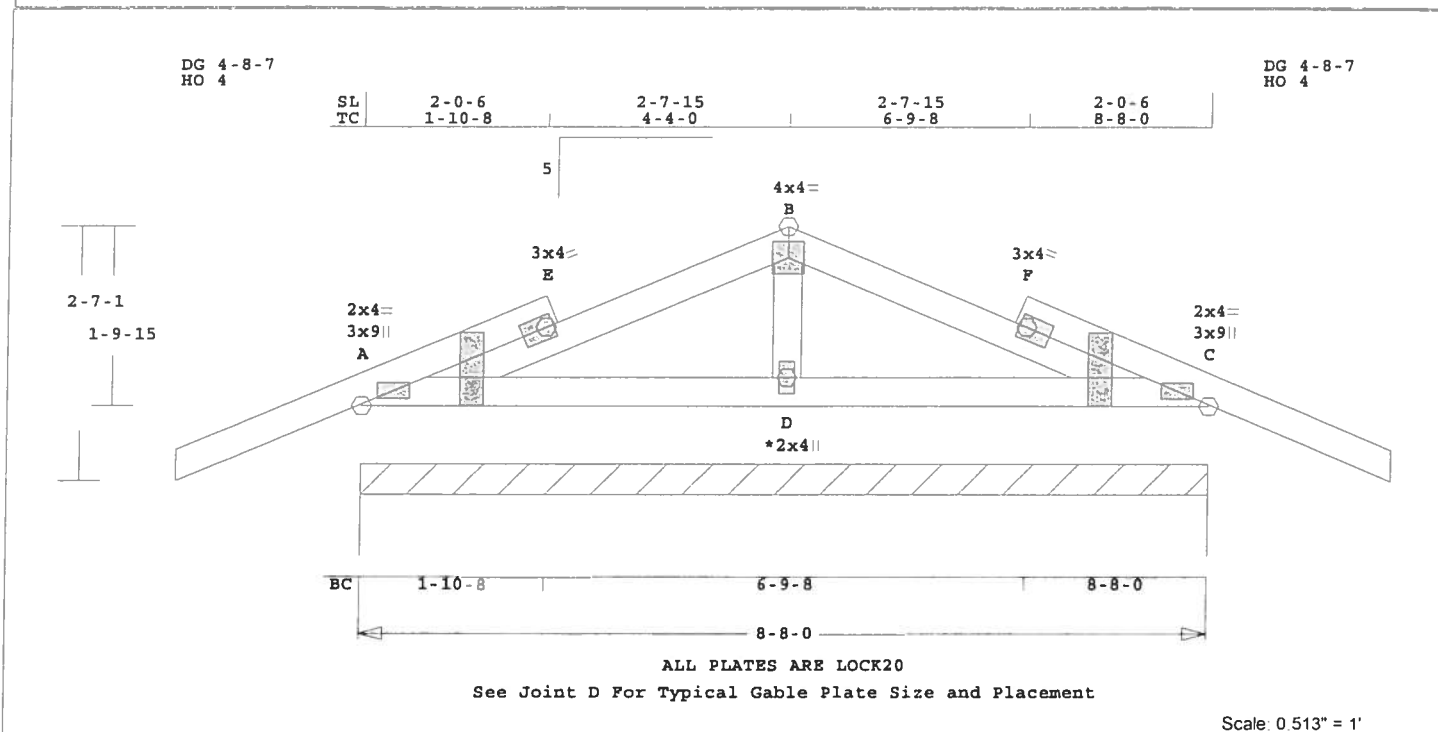
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0- 0- 0 6- 4- 0
Max comp. force 454 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	E3	1	TR	80800	5	0	0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 49.5 LBS

A -D 0.12 43 T 0.00 0.12
D -C 0.14 50 T 0.00 0.14
D -B 0.03 243 T

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.

Refer to Gen Det 3 series for web bracing and plating.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings* for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 181 Lbs

Quality Control Factor 1.25

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber----
TC 0.16 2x 4 SP-#2
BC 0.14 2x 4 SP-#2
GW 0.03 2x 4 SP-#2

Brace truss as follows:

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 3.0x 9.0 9.5 2.6 0.47

A LOCK 2.0x 4.0 Ctr Ctr 0.00

E LOCK 3.0x 4.0 Ctr Ctr 0.77

B LOCK 4.0x 4.0 Ctr Ctr 0.50

F LOCK 3.0x 4.0 Ctr Ctr 0.77

C LOCK 3.0x 9.0-9.5 2.6 0.47

C LOCK 2.0x 4.0 Ctr Ctr 0.00

D LOCK 2.0x 4.0 Ctr Ctr 0.00

Plus 7 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to	8- 8- 0	
	933	134	Hx =	0

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -E	0.10	133	C	0.01	0.09
E -B	0.14	120	T	0.01	0.13
B -F	0.16	113	T	0.01	0.15
F -C	0.15	118	C	0.01	0.14
-----Bottom Chords-----					

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

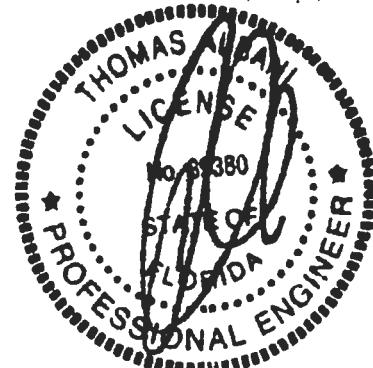
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

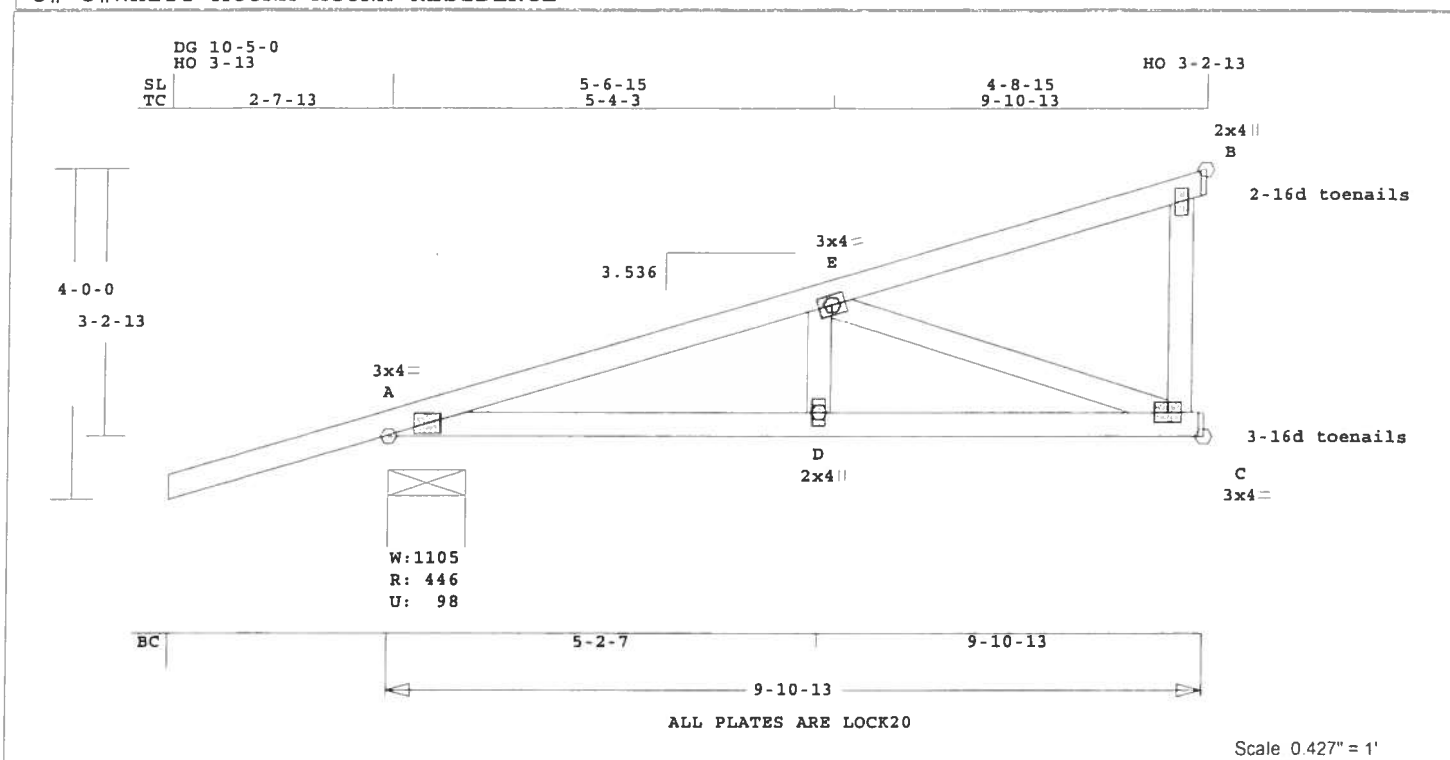
Analysis Conforms To:

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	CJ1	2	MONO.DD	91013	3.536	2- 7-13	0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 59.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

	CSI	-Size-	Lumber
TC	0.36	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.20	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	9-10-13	
BC Cont.	0- 0- 0	9-10-13	

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00 Fc=1.00 Ft=1.00			
BC Fb=1.00 Fc=1.00 Ft=1.00			

Load Case # 1 Girder Loading

	Lumber Duration Factor	Plate Duration Factor
plf - Live	40	20
plf - Dead	20	10
TC V	40	20
BC V	0	20
TC V	-40	-20
BC V	0	-20

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

Jt	React	Uplift	Size	Req'd
A	446	98	11- 5	1- 8
C	349	5	1- 8	1- 8
B	237	82	1- 8	1- 8

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.30		735 C	0.04	0.26
E -B	0.36		64 T	0.00	0.36
-----Bottom Chords-----					
A -D	0.23		719 T	0.08	0.15
D -C	0.27		719 T	0.08	0.19
-----Webs-----					
D -E	0.03		234 T		
E -C	0.20		762 C		
C -B	0.03		0 T	WindLd	

TL Defl -0.05" in D -C L/999
LL Defl -0.02" in D -C L/999
Shear // Grain in E -B 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.67
E LOCK 3.0x 4.0 Ctr Ctr 0.42
B LOCK 2.0x 4.0 Ctr Ctr 0.38
D LOCK 2.0x 4.0 Ctr Ctr 0.38
C LOCK 3.0x 4.0 Ctr Ctr 0.54

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

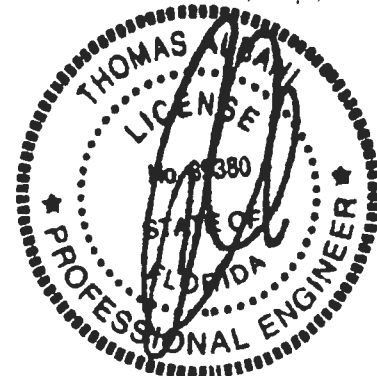
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

NOTES:
Trusses Manufactured by:

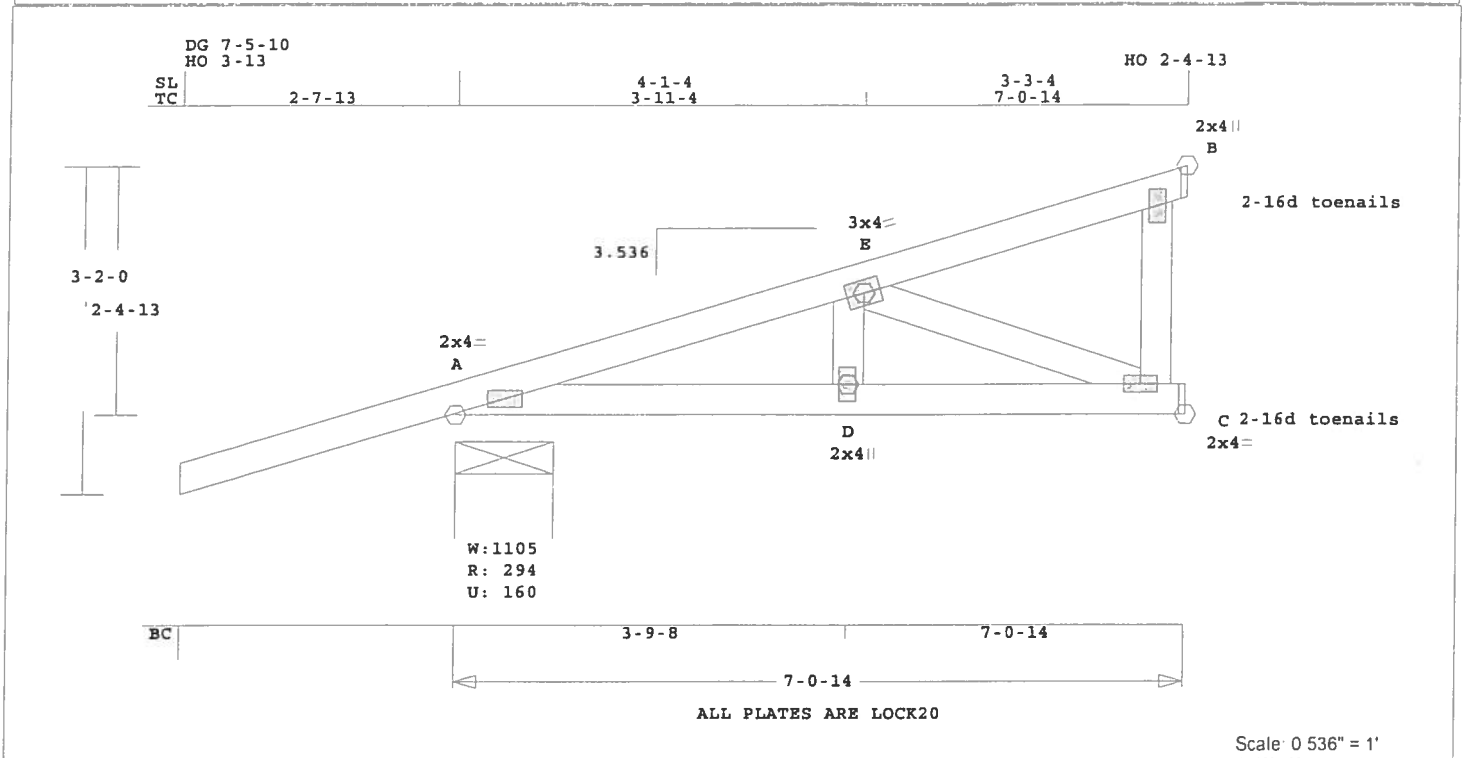
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 762 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P O Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	CJ2	1	MONO	70014	3.536	2- 7-13	0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.0 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI	Size	---Lumber---
TC	0.18	2x 4 SP-#2
BC	0.12	2x 4 SP-#2
WB	0.11	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	7- 0-14
BC Cont.	0- 0- 0	7- 0-14

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00 Fc=1.00 Ft=1.00			
BC Fb=1.00 Fc=1.00 Ft=1.00			

Load Case # 1 Girder Loading	Lumber Duration Factor	1.25
plf - Live Dead From To		
TC V	40	20 0.0' 7.1'
BC V	0	20 0.0' 7.1'
TC V	-40	-20 0.0' 7.1'
BC V	0	-20 0.0' 7.1'

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

Jt	React	Uplft	Size	Req'd
A	294	161	11- 5	1- 8
C	166	76	1- 8	1- 8
B	117	39	1- 8	1- 8

Membr CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----					
A -E	0.18	682 T	0.09	0.09	
E -B	0.15	35 T	0.00	0.15	
-----Bottom Chords-----					
A -D	0.12	677 C	0.00	0.12	
D -C	0.12	677 C	0.00	0.12	
-----Webs-----					
D -E	0.02	284 C			
E -C	0.11	784 T			
C -B	0.01	0 T	WindLd		

TL Defl	-0.01"	in D -C	L/999
LL Defl	0.00"	in D -C <td>L/999</td>	L/999
Shear //	Grain	in E -B	0.15

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.81
E LOCK 3.0x 4.0 Ctr Ctr 0.39
B LOCK 2.0x 4.0 Ctr Ctr 0.38
D LOCK 2.0x 4.0 Ctr Ctr 0.38
C LOCK 2.0x 4.0 Ctr Ctr 0.75

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

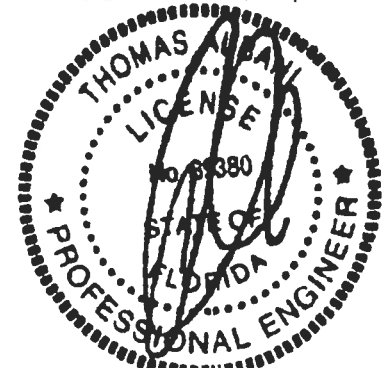
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

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

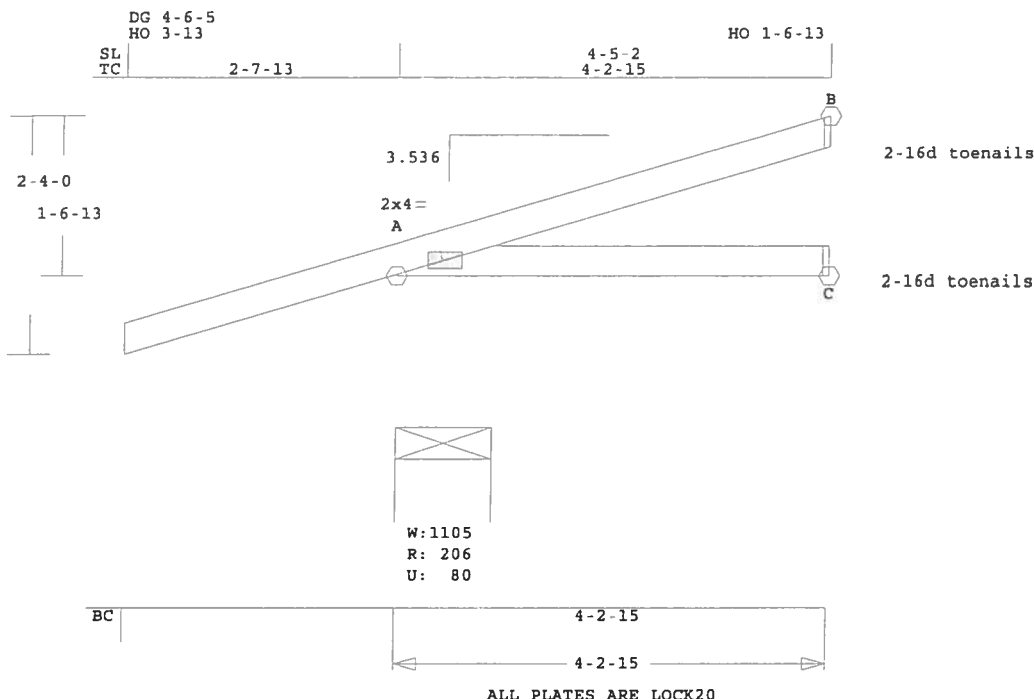
FBC2004
Girder King Jack
Loading TC and BC
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0- 0- 0 7- 0-14
Max comp. force 677 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	CJ3	2	JCA2.DD	40215	3.536	2- 7-13	0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Scale 0 530" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 21.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI	-Size-	-----Lumber----
TC	0.09	2x 4 SP-#2
BC	0.06	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 2-15
BC Cont.	0- 0- 0	4- 2-15

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00	Fc=1.00	Ft=1.00	
BC Fb=1.00	Fc=1.00	Ft=1.00	

Load Case # 1 Girder Loading

Lumber Duration Factor	1.25			
Plate Duration Factor	1.25			
plf - Live	Dead	From	To	
TC V	40	20	0.0'	4.2'
BC V	0	20	0.0'	4.2'
TC V	-40	-20	0.0'	4.2'
BC V	-12	-6	0.0'	4.2'
TC V	0	-20	0.0'	4.2'
BC V	0	-6	0.0'	4.2'

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	206	81	11- 5	1- 8
C	38	0	3- 8	1- 8
B	60	21	3- 8	1- 8

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----	-----Bottom Chords-----
A -B 0.09 35 C 0.00 0.09	A -C 0.06 0 T 0.00 0.06

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.09

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.76

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

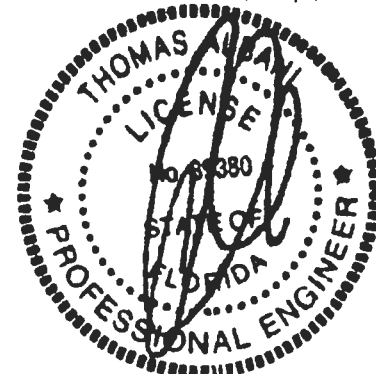
For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

NOTES:

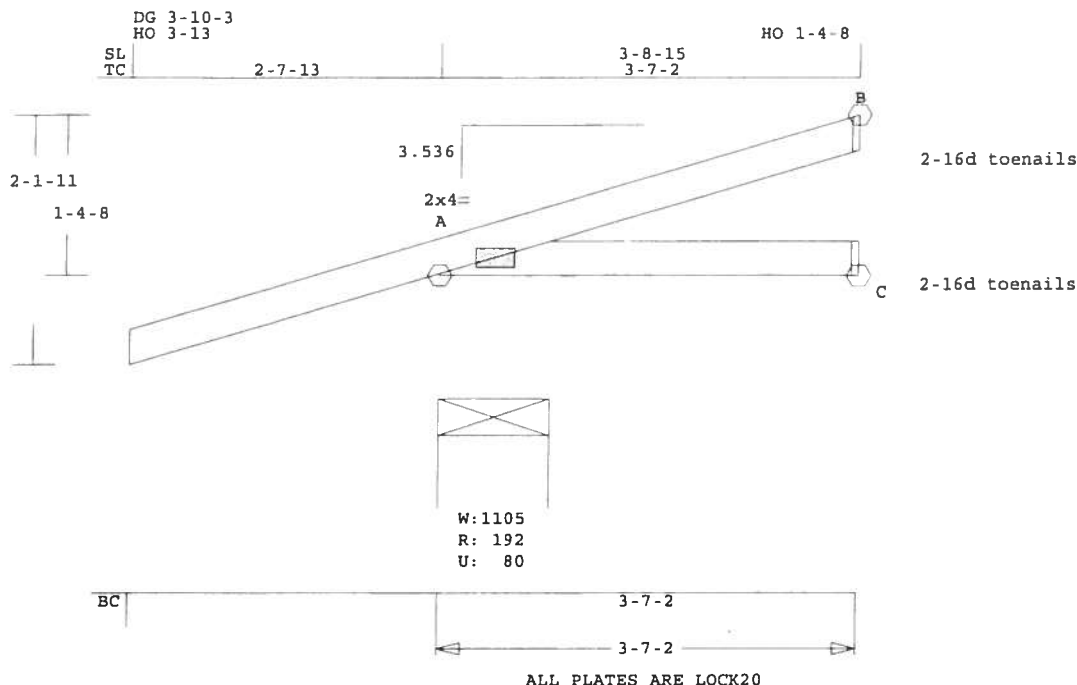
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 3- 0- 0
OH Loading

Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 35 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.2 LBS

Online Plus -- Version 20.0.011
 RUN DATE: 10-JAN-07

Membr	CSI	P	Lbs	Axl	CSI-Bnd
A -B	0.04	23	C	0.00	0.04
A -C	0.03	0	T	0.00	0.03

Soffit psf 2.0
 Design checked for 10 psf non-concurrent LL on BC.
 Use properly rated hangers for loads framing into girder truss.

Wind Loads - ANSI / ASCE 7-02
 Truss is designed as
 Components and Claddings* for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force: 23 Lbs
 Quality Control Factor 1.25

CSI	-Size-	-----Lumber----
TC	0.04	2x 4 SP-#2
BC	0.03	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	3- 7- 2
BC Cont.	0- 0- 0	3- 7- 2

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00	Fc=1.00	Ft=1.00	
BC Fb=1.00	Fc=1.00	Ft=1.00	

TL Defl 0.00" in A -C L/999
 LL Defl 0.00" in A -C L/999
 Shear // Grain in A -B 0.05
 Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORTS: SBCCI 9761
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.76

REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

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

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

Load Case # 1 Girder Loading
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 plf - Live Dead From To

TC V	40	20	0.0'	3.6'
BC V	0	20	0.0'	3.6'
TC V	-40	-20	0.0'	3.6'
BC V	0	-20	0.0'	3.6'

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	193	80	11- 5	1- 8
C	25	0	3- 8	1- 8
B	39	14	3- 8	1- 8

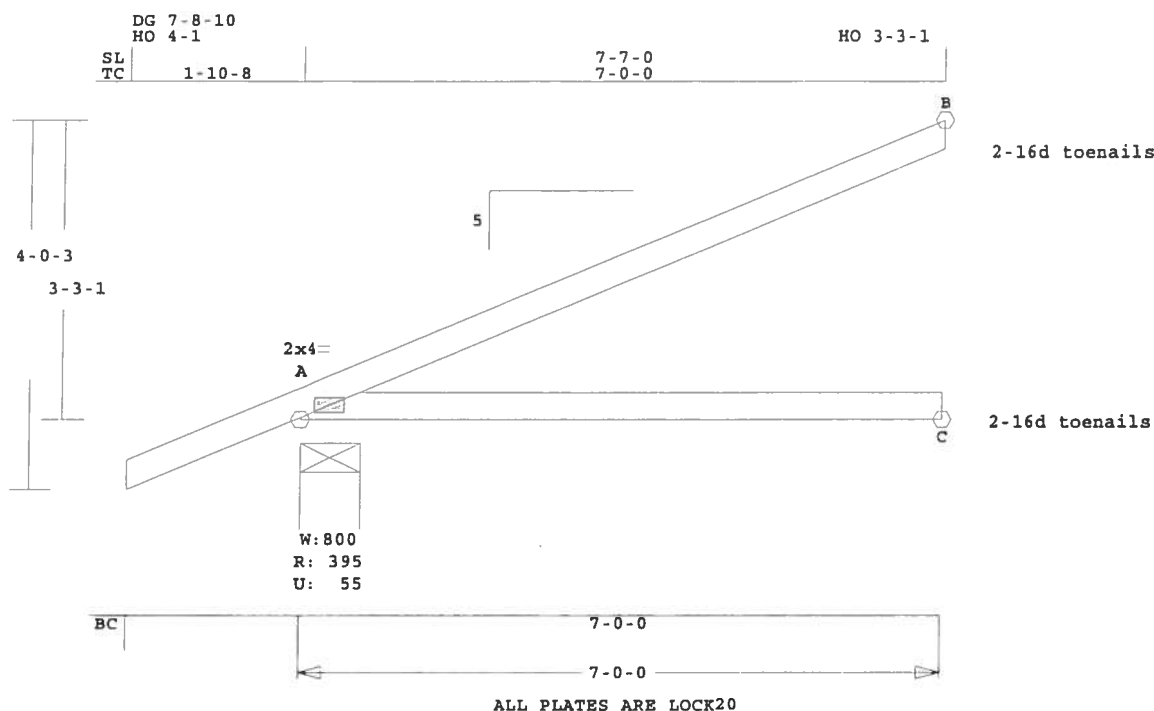
NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 Girder King Jack
 Loading TC and BC
 Setback 2- 6- 8
 OH Loading

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	J1	21	JCA2	70000	5	1-10- 8	0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Scale 0.477" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.6 LBS

A -C 0.38 0 T 0.00 0.38

concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 133 Lbs

Quality Control Factor 1.25

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

TL Defl -0.18" in A -C L/409
LL Defl -0.07" in A -C L/999
Shear // Grain in A -B 0.26

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

TC 0.48 2x 4 SP-#2
BC 0.38 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.73

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	7- 0- 0
BC Cont.	0- 0- 0	7- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	396	56	8- 0	1- 8
			Hz =	88
C	131	0	3- 8	1- 8
B	196	77	3- 8	1- 8
			Hz =	60

Membr CSI P Lbs Axl-CSt-Bnd

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

A -B 0.48 133 C 0.00 0.48

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

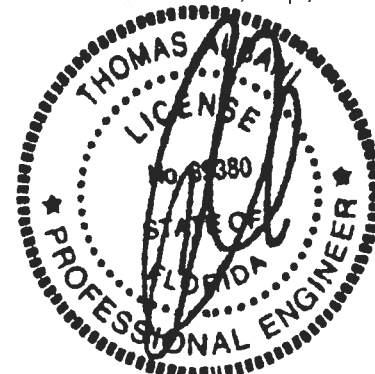
FBC2004

OH Loading

Soffit psf 2.0

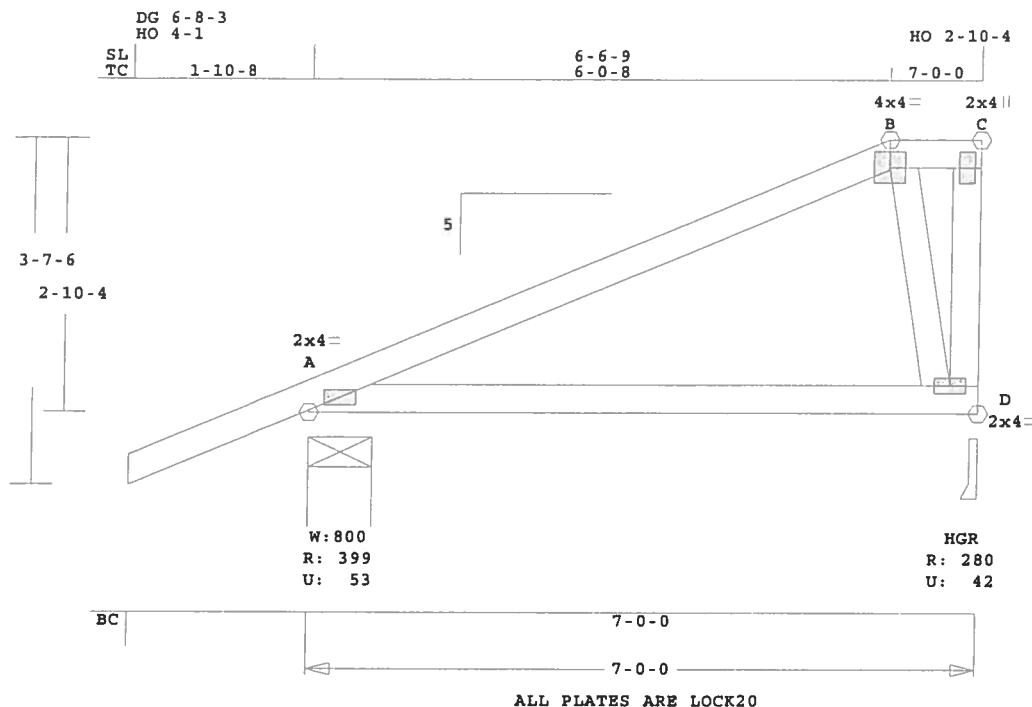
Design checked for 10 psf non-

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	J1A	1	HHIP	70000	5	1-10- 8	0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Scale 0.497" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 40.2 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber----
TC 0.34 2x 4 SP-#2
BC 0.28 2x 4 SP-#2
WB 0.06 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	7- 0- 0
BC Cont.	0- 0- 0	7- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

-----Bottom Chords-----
A -D 0.28 89 T 0.00 0.28
-----Webs-----
B -D 0.06 471 T
D -C 0.03 162 C WindLd

TL Defl -0.16" in A -D L/463
LL Defl -0.07" in A -D L/999
Shear // Grain in A -B 0.25

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.73
B LOCK 4.0x 4.0 Ctr Ctr 0.62
C LOCK 2.0x 4.0 Ctr Ctr 0.38
D LOCK 2.0x 4.0 Ctr Ctr 0.75

Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 337 Lbs
Quality Control Factor 1.25

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	400	53	8- 0	1- 8
			Hx =	-31
D	280	42	3- 8	1- 8
			Hx =	89

Membr CSI P Lbs Ax1-CS1-Bnd
-----Top Chords-----
A -B 0.34 91 C 0.01 0.33
B -C 0.15 63 T 0.00 0.15

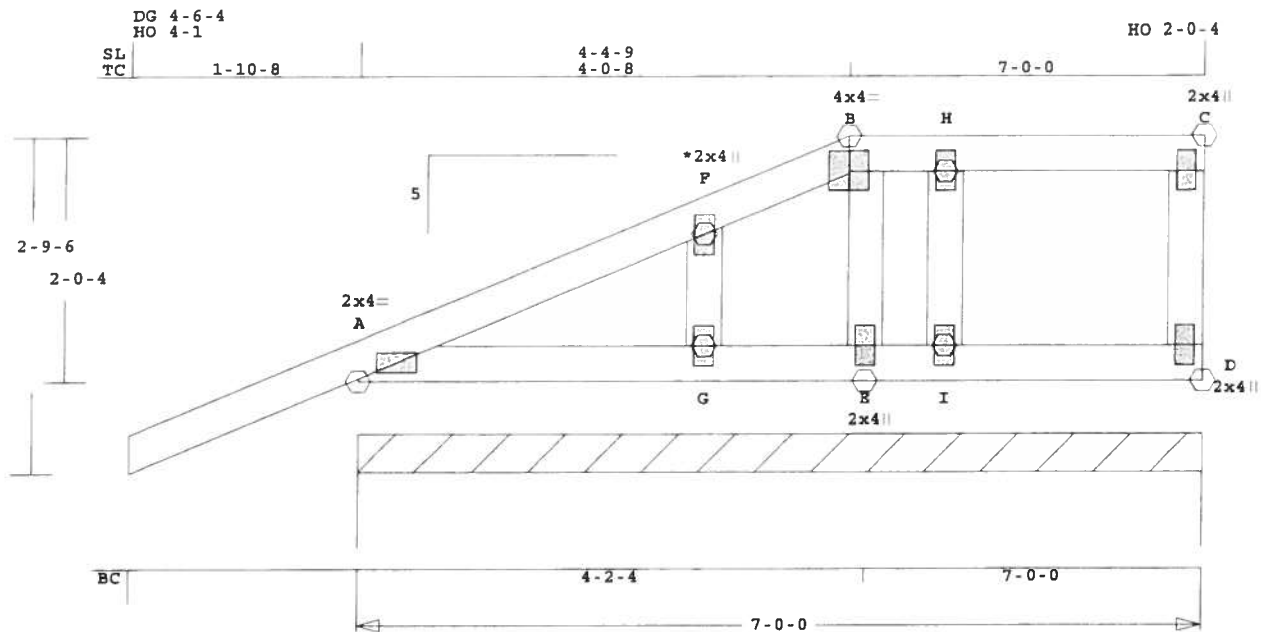
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 41.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

	CSI	-Size-	-----Lumber-----
TC	0.08	2x 4	SP-#2
BC	0.06	2x 4	SP-#2
WB	0.05	2x 4	SP-#2
GW	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	7- 0- 0	0
BC Cont.	0- 0- 0	7- 0- 0	0

	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to 7- 0- 0		
	680	101	Hz =	59

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -F	0.08	29	C	0.00	0.08
F -B	0.04	35	T	0.00	0.04
B -H	0.02	48	T	0.00	0.02
H -C	0.03	51	T	0.00	0.03
-----Bottom Chords-----					
A -G	0.06	24	T	0.00	0.06
G -E	0.02	0	T	0.00	0.02
E -I	0.01	0	T	0.00	0.01

	I	-D	0.01	0	T	0.00	0.01
-----Webs-----							
E -B	0.00	53	T				
D -C	0.05	101	T	0.01	0.04		
-----Gable Webs-----							
G -F	0.07	227	T	0.03	0.04		
I -H	0.02	125	T	0.01	0.01		
TL Defl	0.00"	in A	-G	L/999			
LL Defl	0.00"	in A	-G	L/999			
Shear // Grain	in A	-F	0.14				

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.73
F LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 4.0 Ctr Ctr 0.62
H LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 2.0x 4.0 Ctr Ctr 0.38
G LOCK 2.0x 4.0 Ctr Ctr 0.00
E LOCK 2.0x 4.0 Ctr Ctr 0.38
I LOCK 2.0x 4.0 Ctr Ctr 0.00
D LOCK 2.0x 4.0 Ctr Ctr 0.38

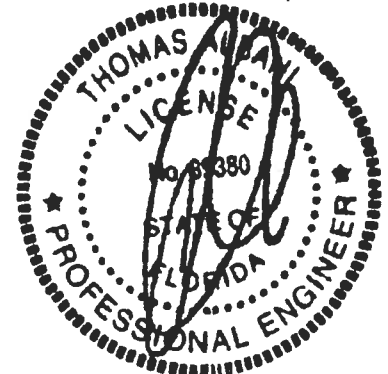
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 125 lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



WHITT-ACUNA

J2

21

JCA2

50000

5

1-10- 8

C

T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Scale: 0.576" = 1'

A - C	0.39	0 T	0.00	0.39
-------	------	-----	------	------

concurrent LL on BC.

```
TL Defl  -0.04" in A -C  L/999
LL Defl  -0.02" in A -C  L/999
Shear // Grain in A -B    0.24
```

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate -	LOCK	20	Ga,	Gross	Area
Plate -	RHS	20	Ga,	Gross	Area
Jt Type	Plt	Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.69

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

```

User-defined wind-exposed BC
regions  --From--   ---To---
          0- 0- 0     5- 0- 0

```

Max comp. force 123 Lbs

Quality Control Factor 1.25

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

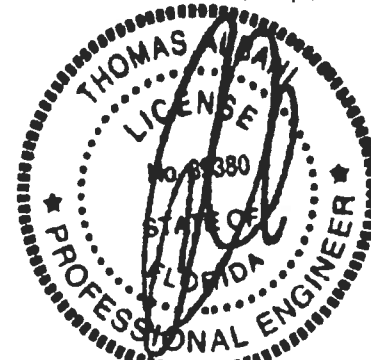
NOTES:
Trusses Manufactured by:
 Mayo Truss Co. Inc.
Analysis Conforms To:
 FBC2004
OH Loading
 Soffit psf 2.0
Design checked for 10 psf non-

```

Membr  CSI  P  Lbs  Axl-CSI-Bnd
-----Top Chords-----
A -B  0.38   123 C  0.00   0.38
-----Bottom Chords-----

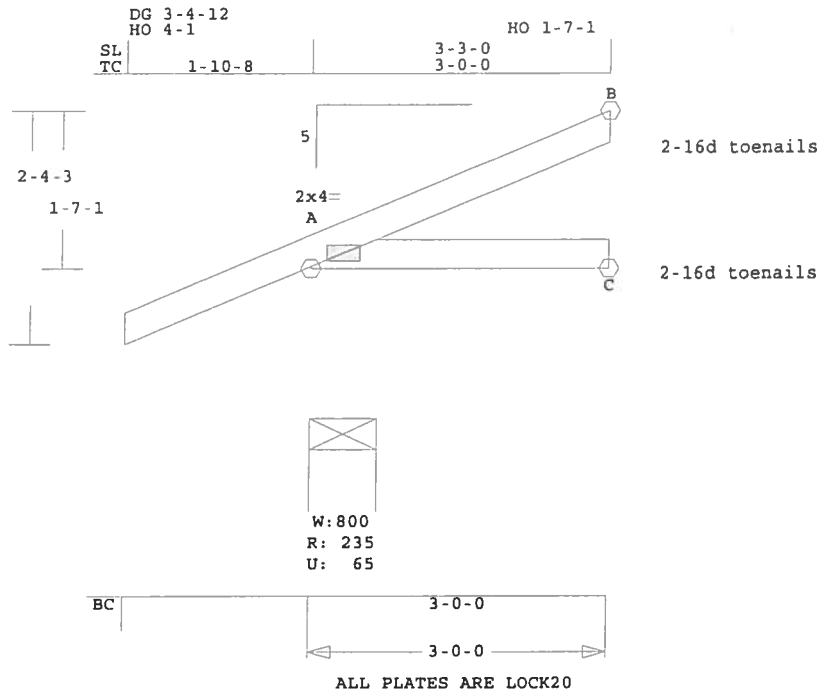
```

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	J3	11	JCA2	30000	5	1-10-8	0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.9 LBS

A -C 0.13 0 T 0.00 0.13

concurrent LL on BC.

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

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

Wind Loads - ANSI / ASCE 7-02
Truss is designed as

CSI -Size- ----Lumber----
TC 0.13 2x 4 SP-#2
BC 0.13 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 3- 0- 0
BC Cont. 0- 0- 0 3- 0- 0

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.68

TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- ---To---
0- 0- 0 3- 0- 0
Max comp. force 80 Lbs
Quality Control Factor 1.25

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	235	65	8- 0	1- 8
			Hz =	38
C	55	19	3- 8	1- 8
B	87	39	3- 8	1- 8
			Hz =	25

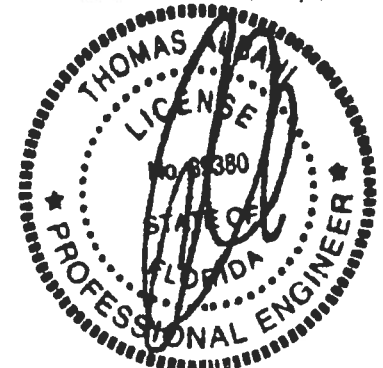
For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

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

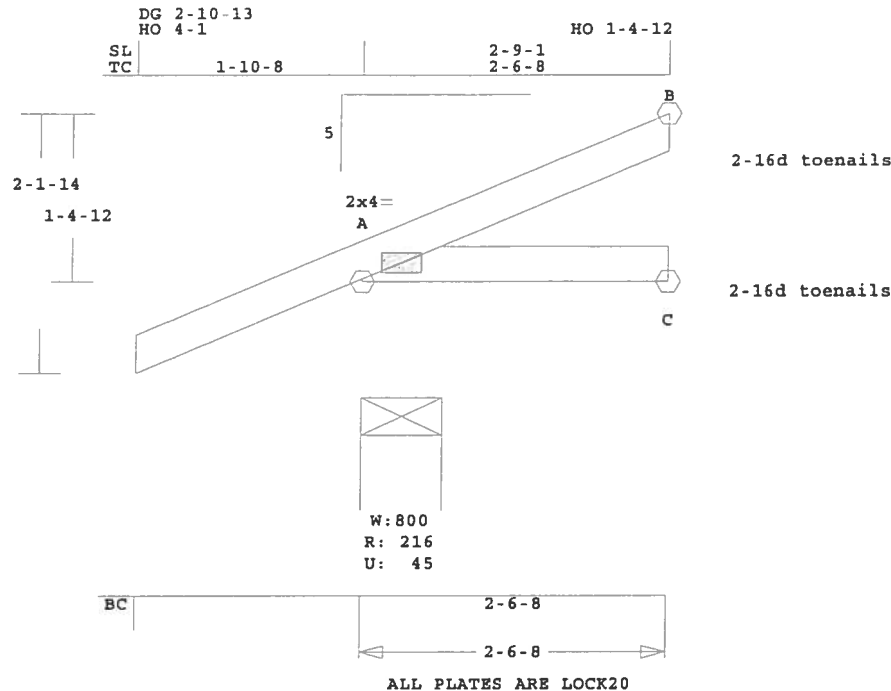
Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -B 0.13 80 C 0.00 0.13
-----Bottom Chords-----

FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
WHITT-ACUNA	J5	5	JCA2	20608	5	1-10- 8	0	T07010925
U# J#WHITT-ACUNA ACUNA RESIDENCE								



Scale 0.624" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 14.1 LBS

A -C 0.06 0 T 0.00 0.06

concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 61 Lbs

Quality Control Factor 1.25

Online Plus -- Version 20.0.011 TL Defl 0.00" in A -C L/999
 RUN DATE: 10-JAN-07 LL Defl 0.00" in A -C L/999
 Shear // Grain in A -B 0.10

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

TC 0.06 2x 4 SP-#2

BC 0.06 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 2- 6- 8

BC Cont. 0- 0- 0 2- 6- 8

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.68

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Plus 7 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

A 217 46 8- 0 1- 8

Hz = 31

C 46 0 3- 8 1- 8

B 75 30 3- 8 1- 8

Hz = 21

Membr CSI P Lbs Axl-CSt-Bnd

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

A -B 0.06 61 C 0.00 0.06

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

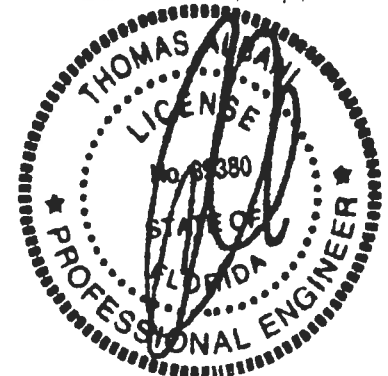
FBC2004

OH Loading

Soffit psf 2.0

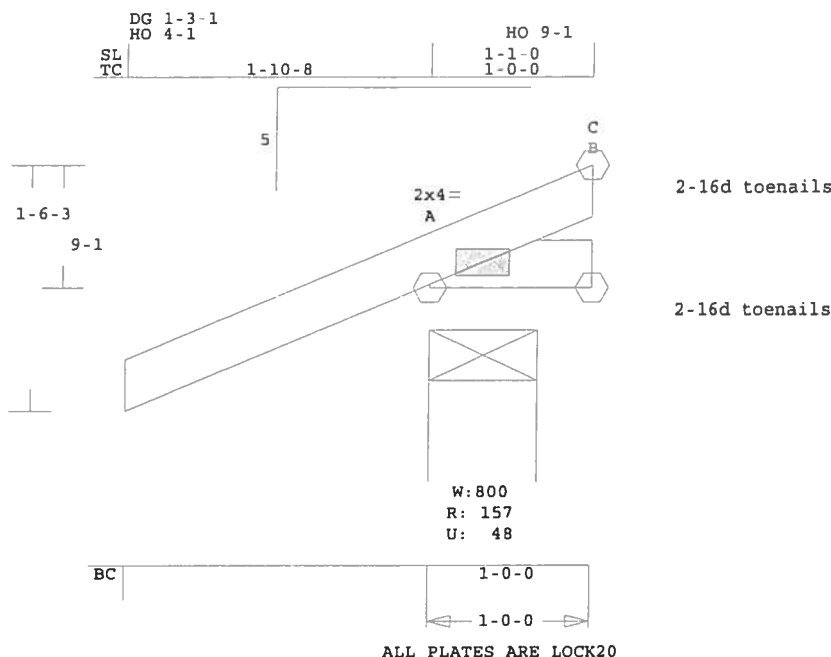
Design checked for 10 psf non-

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-ACUNA	J4	14	JCA2	10000	5	1-10-8	0	T07010925

U# J#WHITT-ACUNA ACUNA RESIDENCE



ALL PLATES ARE LOCK20

Scale 0.858" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.0 LBS

TL Defl 0.00" in A - C L/999
LL Defl 0.00" in A - C L/999
Shear // Grain in B - B 0.05

Truss is designed as
Components and Claddings*
for Exterior zone location.

Online Plus -- Version 20.0.011
RUN DATE: 10-JAN-07

CSI -Size- ----Lumber-----
TC 0.01 2x 4 SP-#2
BC 0.01 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	1- 0- 0	
BC Cont.	0- 0- 0	1- 0- 0	

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15 Fc=1.10 Ft=1.10			
BC Fb=1.10 Fc=1.10 Ft=1.10			

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.68

Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- ---To---
0- 0- 0 1- 0- 0
Max comp. force 21 Lbs
Quality Control Factor 1.25

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

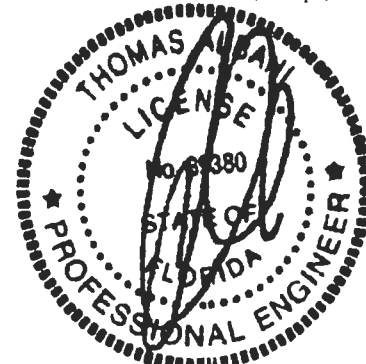
Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	158	49	3- 8	1- 8
B	22	10	1- 8	1- 8
C	16	8	1- 8	1- 8

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.01	21	C	0.00	0.01
-----Bottom Chords-----					
A -C	0.01	7	T	0.00	0.01

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

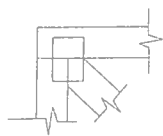
Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



ROBBINS ENG. GENERAL NOTES & SYMBOLS

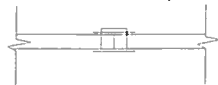
PLATE LOCATION

108



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

FLOOR TRUSS SPLICE (3X2, 4X2, 6X2)



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

LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.

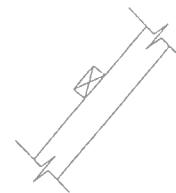
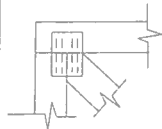


PLATE SIZE AND ORIENTATION

3x5 ||



The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

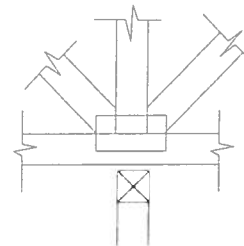
All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).

6-08-08

708

BEARING

When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before erecting this truss. If necessary, shim bearings to assure solid contact with truss.



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

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted.

The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

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

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



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

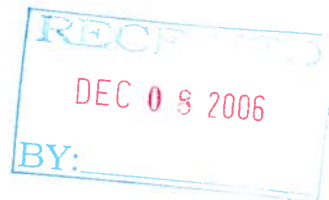
www.robbseng.com

PS

Permit 24578

September 16, 2006
Project No. 06141.477

Pat Shackelford
Homes By Whittaker
P. O. Box 771149
Ocala, Florida 34477



Reference: Proposed Acuna Residence
369 Quail Place
Fort White, Columbia County, Florida

Dear Mr. Shackelford,

Geo-Tech, Inc. has completed an investigation and evaluation of the site for the proposed Acuna residence to be constructed at the referenced location in Columbia County, Florida. The purposes of our work were to evaluate the potential for flooding of the home to be constructed at the site and to provide recommendations for selecting a finished floor elevation.

Based upon U.S.G.S. quadrangle maps that include the home site, the centerline of the adjacent roadway, Quail Place, has an elevation of approximately 82.0 feet. This approximate elevation was verified using benchmarks set on site by Delta Land Surveying by which the elevation of the centerline of the roadway was determined to be 81.77 feet. Based upon the benchmark elevations the ground surface at the center of the home site was determined to be approximately 75.0 feet. As proposed the finished floor elevation is to be approximately 1.25 feet above this ground surface elevation or at an elevation of about 76.25 feet. This places the finished floor about 5.5 feet below the centerline of the adjacent roadway.

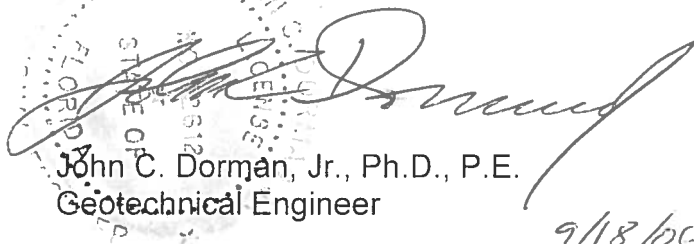
Columbia County regulations require the finished floor of a new residence to be at least 12 inches above the elevation of the adjacent roadway unless it can be shown that such an elevation is not required to substantially reduce the likelihood of flooding.

Based upon U.S.G.S quadrangle maps, the home site is positioned near the north edge of the Santa Fe River basin. Additionally, the home site is topographically higher than a continuous area extending southward from the home site to the Santa Fe River. Given that the Santa Fe River is near elevation 30 feet, flooding of the home site would require flooding within the river basin to depths of up to about 45 feet. Flooding to this extent is considered to be very highly unlikely; therefore, it is our opinion elevating the floor of the residence to 12 inches above the adjacent roadway will not be necessary to substantially reduce the likelihood of flooding.

With reference to the benchmarks set on site, we recommend the finished floor elevation be set at or above an elevation of 76.25 feet.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us if you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Geo-Tech, Inc.



John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

9/18/06
52612



24578

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 1: Hometeam Pest Defense

Company Address: 1671 NE 6th Ave City: Orlando State: FL
Zip: 32807 Company Phone No.: 308-3845 Business License No. JB/537

Section 2: Builder Information

Company Name: Whitaker
Phone No.: _____

Section 3: Property Information

Building Permit No.: _____
Location of Structure(s) Treated: 369 SW Quail Pl

Type of Construction: ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside: _____ Inside: _____ Type Fill: _____

Section 4: Treatment Information

Date(s) of Treatment(s): 4/17/07 EPA Registration No: 104405-1

Brand Name of Product(s) Used: Bonaone

Final Mix Solution: .23 Treatment Area Sq. Ft.: 3296

Linear Ft.: 289 Linear Ft. of Masonry Voids: _____

Total Gallons of Termiticide Applied: 3.5

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 DMV

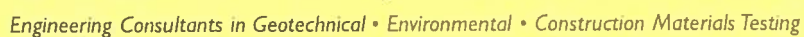
Note: State law requires service agreement to be issued. This form does not preempt State law.

Attachments (list): 2 maps

Comments: _____

Name of Applicator(s): Dan Ayala Certificate No.: 30123385

Authorized Signature: [Signature] Date: 4/17/07



CLIENT <u>H.B.W.</u>	DATE <u>18 DEC 06</u>
PROJECT NAME <u>ACUNA RES. SUB# 2021</u>	PROJECT NO. <u> </u>
EARTH CONTRACTOR <u>369 SW 20th PL Ft. White</u>	PERMIT NO. <u>#000024578</u>
COMPACTION REQUIREMENT (%) <u>95%</u>	TESTED BY <u>JWL</u>
TOTAL ON-SITE TIME <u> </u>	FIELD CONTACT <u> </u>
MILES FROM OFFICE <u> </u>	
☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☐ Building Pad ☐ Building Footing ☐ Other <u> </u>	

[illegible]REMARKS _____

- * Density failed to meet minimum project requirement
- ** Retest indicates minimum density requirement was obtained.
- () Client is aware of unsatisfactory test results.



HOMETEAM

PEST DEFENSE®

New Construction Subterranean Termite Treatment

24578

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

Section 1: Hometeam Pest Defense

Company Address: 1621 NE 6th Avenue City: Ocala State: FL
Zip: 34470-3642 Company Phone No.: 352-368-3845 Business License No.: JB1537

Section 2: Builder Information

Company Name: HOMES BY WHITAKER, INC.
Phone No.: _____

Section 3: Property Information

Building Permit No.: 000024578
Location of Structure(s) Treated: 369 SW QUAIL PL, FORT WHITE, FL,
Type of Construction: ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside: _____ Inside: _____ Type Fill: _____

Section 4: Treatment Information

Date(s) of Treatment(s): WILL BE BORA CARE @ FRAMING EPA Registration No.: 64405-1

Brand Name of Product(s) Used: Bora-Care

Final Mix Solution: .23 Treatment Area Sq. Ft.: 3296

Linear Ft. _____ Linear Ft. of Masonry Voids: _____

Total Gallons of Termiticide Applied: _____

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 the rules and laws established by the Florida Department of Agricultural and Consumer Services. Initial _____

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

Attachments (List) _____

Comments _____

Name of Applicator(s): _____ Certification No.: _____

Authorized Signature M. Walton Date 11/08/06

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

CERTIFICATE OF OCCUPANCY

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 18-7S-17-10013-028

Building permit No. 000024578

Use Classification SFD/UTILITY

Fire: 0.00

Permit Holder JOHN WHITTAKER

Waste: 0.00

Owner of Building ROBERT & MARIANNE ACUNA

Total: 0.00

Location: 369 SW QUAIL PLACE, FT. WHITE, FL

Date: 09/25/2007

Tony Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)