This Permit Expires One Ye	
APPLICANT DAVID BENTON	PHONE <u>365-5041</u>
ADDRESS 241 SW RIDGE STREET	LAKE CITY FL 32024
OWNER DAVID & KRISTINE BENTON	PHONE <u>365-5041</u>
ADDRESS 9764 SW CR 240	LAKE CITY FL 32024
CONTRACTOR SAME AS APPLICANT	PHONE 365-5041
LOCATION OF PROPERTY 47S, TR ON 240, 3 1/2 MILES ON	CONTROL OF THE PROPERTY OF THE
TYPE DEVELOPMENT ADDITION TO SFD EST	TIMATED COST OF CONSTRUCTION 35800.00
A second	
HEATED FLOOR AREA 716.00 TOTAL ARE	A 1668.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED R	OOF PITCH 7/12 FLOOR SLAB
LAND USE & ZONING A-3	MAX. HEIGHT 19
Minimum Set Back Requirments: STREET-FRONT 30.00	REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X	DEVELOPMENT PERMIT NO.
PARCEL ID 18-5S-16-03644-001 SUBDIVISION	N
LOT BLOCK PHASE UNIT _	TOTAL ACRES
	g checked by Approved for Issuance New Resident
COMMENTS: ONE FOOT ABOVE THE ROAD	Check # or Cash 1013
FOR BUILDING & ZONIN	
FOR BUILDING & ZONIN Temporary Power Foundation	G DEPARTMENT ONLY (footer/Slab) Monolithic
Temporary Power Foundation date/app. by	G DEPARTMENT ONLY (footer/Slab) Monolithic date/app. by date/app. by
FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab	G DEPARTMENT ONLY (footer/Slab) Monolithic date/app. by Sheathing/Nailing
FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing above	G DEPARTMENT ONLY (footer/Slab) Monolithic date/app. by date/app. by
FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing ab date/app. by	G DEPARTMENT ONLY Monolithic date/app. by date/app. by Sheathing/Nailing date/app. by date/app. by
FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing about date/app. by Electrical rough-in Heat & Air Duct	G DEPARTMENT ONLY Monolithic date/app. by date/app. by Sheathing/Nailing date/app. by date/app. by ove slab and below wood floor Peri. beam (Lintel)
FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing ab date/app. by Electrical rough-in Heat & Air Duct date/app. by	G DEPARTMENT ONLY Monolithic date/app. by date/app. by Sheathing/Nailing date/app. by date/app. by ove slab and below wood floor date/app. by Peri. beam (Lintel) date/app. by
FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing ab date/app. by Electrical rough-in Heat & Air Duct date/app. by Permanent power C.O. Final	G DEPARTMENT ONLY Monolithic date/app. by date/app. by Sheathing/Nailing date/app. by date/app. by ove slab and below wood floor Peri. beam (Lintel)
FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing ab date/app. by Electrical rough-in Heat & Air Duct date/app. by Permanent power C.O. Final date/app. by M/H tie downs, blocking, electricity and plumbing	G DEPARTMENT ONLY Monolithic date/app. by date/app. by Sheathing/Nailing date/app. by date/app. by ove slab and below wood floor date/app. by Peri. beam (Lintel) date/app. by Culvert ate/app. by Pool
FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing about date/app. by Electrical rough-in Heat & Air Duct date/app. by Permanent power C.O. Final date/app. by M/H tie downs, blocking, electricity and plumbing Reconnection Pump pole	G DEPARTMENT ONLY Monolithic date/app. by date/app. by Sheathing/Nailing date/app. by date/app. by ove slab and below wood floor date/app. by Peri. beam (Lintel) date/app. by Culvert ate/app. by Dool Odate/app. by Utility Pole Colvert Colvert
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FOR BUILDING & ZONIN Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing ab date/app. by Electrical rough-in Heat & Air Duct date/app. by Permanent power C.O. Final date/app. by M/H tie downs, blocking, electricity and plumbing date/app. Reconnection Pump pole date/app. by M/H Pole Travel Trailer	Monolithic date/app. by Sheathing/Nailing date/app. by Ove slab and below wood floor Peri. beam (Lintel) date/app. by Culvert ate/app. by Pool Dy Utility Pole app. by Re-roof ate/app. by Sheathing/Nailing date/app. by date/app. by date/app. by Pool date/app. by Re-roof Ate/app. by Re-roof Ate/app. by SURCHARGE FEE \$ 8.34 FIRE FEE \$ 0.00 WASTE FEE \$

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NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

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

Columbia County Building Permit Application

111 11, -
For Office Use Only Application # 070/- Date Received By Dermit # 25729
Application Approved by - Zoning Official Date Date Plans Examiner OK 51# Date 4-9-07
Flood Zone Development Permit Zoning 4-3 Land Use Plan Map Category A-3
Comments OK Per Code Enf. Review of site. 30 front setback is existing porch.
□ NOC #EH Deed or PA Site Plan State Road Info #Parent Parcel # M Development Permit
Name Authorized Person Signing Permit David RENTON , Kasing Phone 365, 504 100010
Owners Name Name 25 26016. Phone
911 Address - 976 4 SW CR 240 16 16 3 2024
0,110
Address Phone Phone
Fee Simple Owner Name & Address
Bonding Co. Name & Address
Architect/Engineer Name & Address_NiChoLAS_GFISCER
Mortgage Lenders Name & Address FORST FEDERAL SAVINGS HBANK-
Circle the correct power company - FL Power & Light - Clay Elec Suwannee Valley Elec Progressive Energy
Property ID Number 18-55-16-0364-001 Estimated Cost of Construction 50,000.
Subdivision NameLotBlockUnit Phase
Driving Directions 47-5 TO C-240, TR. GO 3/2 MILES ON L.
ACROSS From GRASSIAN LANE & BOYERE GRAIN
Type of Construction William to UFD Number of Existing Dwellings on Property
Total Acreage 0.10 Lot Size Do you need a - <u>Culvert Permit</u> or <u>Culvert Waiver</u> or <u>Have an Existing Drive</u>
Actual Distance of Structure from Property Lines - Front 30' Side 68'8" Side 43'2" Rear 68'7"
Total Building Height 19'3" Number of Stories Heated Floor Area 716 Roof Pitch 7'12
Application is hereby made to obtain a permit to do work and installations as indicated. Location that no work are
installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in
compliance with all applicable laws and regulating construction and zoning.
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING
TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.
11.10
Owner Builder or Authorized Person by Notarized Letter Contractor Signature
LAURIE HODSON Contractors License Number
COLINITY OF COLUMBIA MY COMMISSION # DD 333503 Competency Card Number Expires: June 28, 2008
Sworn to (or affirmed) and subscribed before me
this 04 day of April 2007

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 1787 * Lake City, FL 32056-1787 PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE ISSUED: A	August 22, 2005
ENHANCED 9-1-1	1 ADDRESS:
9764 SW COU	JNTY ROAD 240 (LAKE CITY, FL 32024)
Addressed Location	on 911 Phone Number: NOT AVAIL.
OCCUPANT NAM	ME:NOT AVAIL.
OCCUPANT CUR	RRENT MAILING ADDRESS:
PROPERTY APPR	RAISER PARCEL NUMBER: 18-5S-16-03644-001
Other Contact Pho	one Number (If any):
Building Permit Nu	umber (If known):
Remarks:	
Address Issued By: _	Familian.
	Columbia County 9-1-1 Addressing / GIS Department

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

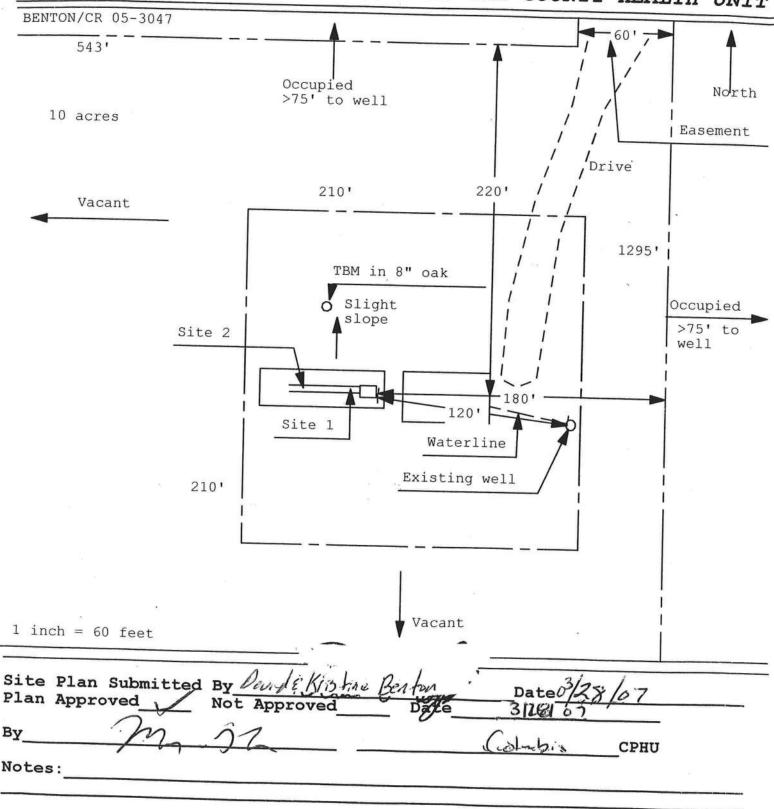
9-1-1 ADDRESSING APPROVED

24626

ation for Onsite Sewage Disposal System action Permit. Part II Site Plan

cmit Application Number: 07-256 E

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



16 274

NOTORIZED DISCLOSURE STATEMENT

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

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

TVPF OF CONSTRUCTION

THE REPORT OF THE PARTY AND ADDRESS.	THE OF CONSTRUCTION
() Single Family Dwelling	() Two-Family Residence
() Farm Outbuilding	() Other
NEW C	ONSTRUCTION OR IMPROVEMENT
() New Construction	Addition, Alteration, Modification or other Improvement
\ .	in provement
I DAVID BENTON	have been advised of the L. H. I
exemption from contractor licensing a	, have been advised of the above disclosure statement for s an owner/builder. I agree to comply with all requirements
provided for in Florida Statutes se 480	103(7) allowing this execution for the
Columbia County Building Permit Nu	.103(7) allowing this exception for the construction permitted by
Columbia County Building Fer lint Nu	mber
	· · · · · · · · · · · · · · · · · · ·
Owner Builder Signature D	ate
	LAURIE HODSON MY COMMISSION # DD 333503
The above signer is personally known	
produced identification	Bonded Inru Wolally Fullic State Sta
Notary Signature Law Lol	
Notary Signature	Date <u>4-4-07</u> (Stamp/Seal)
**	FOR BUILDING USE ONLY
I hereby certify that the above listed ov	vner/builder has been notified of the disclosure statement in Florida
Statutes 88 469.103(7).	
DateBuildin	ng Official/Representative

Columbia County Property Appraiser DB Last Updated: 3/8/2007

Parcel: 18-5S-16-03644-001 HX

2007 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Search Result: 1 of 2

Next >>

Owner & Property Info

Owner's Name	BENTON DAVID A & KRISTINE J				
Site Address					
Mailing Address	9764 SW CR : LAKE CITY, FI				
Use Desc. (code)	SINGLE FAM (000100)				
Neighborhood	18516.00 Tax District 3				
UD Codes	MKTA02	Market Area	02		

COMM NW COR, RUN E ALONG C/L CR-240, 1852.20 FT, S 40 FT TO S R/W OF SAID CR-240 FOR POB, CONT S 627.51 FT, W 543.11 FT, S

Total Land 10.010 ACRES Area

Description 666.73 FT, E 603.09 FT, N 1295.74 FT TO S R/W CR-240, W 60 FT TO POB. ORB 850-1265, CT 940-153, 976-897, CORR WD 1046-416, WD 1046-418. ORB 1105-1048

GIS Aerial



Property & Assessment Values

7 11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	XFOB Value Total	cnt: (1)	\$2,650.00
		cnt: (1)	\$2,650.00 \$119,052.00
	Building Value XFOB Value		
	Mkt Land Value Ag Land Value	cnt: (1)	\$6,375.00 \$1,216.00

Just Value		\$175,274.00
Class Value		\$119,052.00
Assessed Value		\$119,052.00
Exempt Value	(code: HX)	\$25,000.00
Total Taxable Value		\$94,052.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
12/20/2006	1105/1048	WD	V	U	04	\$100.00
5/13/2005	1046/418	WD	V	Q		\$50,000.00
2/14/2003	976/897	WD	V	U	01	\$28,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2006	Common BRK (19)	1760	2640	\$108,811.00
	Note: All S.F. calculation	ons are bas	sed on <u>exterior</u> buil	ding dimension	ıs.	

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	2006	\$2,650.00	1060.000	0 x 0 x 0	(.00)

Land Breakdown

Desc	Units	Adjustments	Eff Rate	Lnd Value
FR (MKT)	1.000 AC	1.00/1.00/1.00/.85	\$6,375.00	\$6,375.00

DAVE Benton

Couns 18

Project Name:

Address:

Dave Benton

Hwy 240

Tested sealed ducts must be certified in this house.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Builder:

Permitting Office:

City, State: Owner: Climate Zone:	, FL 32024- Benton Residence North		Permit Number: Jurisdiction Number:	25729
a. U-factor:	nulti-family Sin if multi-family oms see? rarea (ft²) rea: (Label reqd. by 13-104.4.5 if no Description able DEFAULT) 7a(Sngle Default) DEFAULT) 7b. (Clear) dge Insulation R=0.0, 10 terior R=13.0 g=30.0	gle family a. Color	eating systems ectric Heat Pump /A /A ot water systems ectric Resistance	Cap: 16.0 kBtu/hr
Glas	ss/Floor Area: () ()X	tal as-built points: 1		SS

I hereby certify that the plans and specifications covered by
this calculation are in compliance with the Florida Energy
Code.
PREPARED BY:
DATE: 3.23.07
I hereby certify that this building, as designed, is in compliance
with the Florida Energy Code.
OWNER/AGENT:

DATE:

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



BUILDING OFFICIAL:

DATE:

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Hwy 240**, , **FL, 32024**- PERMIT #:

	BASE				AS-	BUI	LT					
GLASS TYPES .18 X Condition Floor Are		PM = F	Points	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	SPI	их	SOF	= Points
.18 716.0	2	0.04	2582.8	Single, Clear	W	1.5	8.0	3.0	43.8	34	0.96	126.0
				Single, Clear	N	1.5	8.0	30.0	21.7		0.97	630.5
				Single, Clear	S	1.5	8.0	15.0	40.8		0.92	565.2
	*			Single, Clear	S	1.5	8.0	6.0	40.8	31	0.92	226.1
				As-Built Total:				54.0				1547.8
WALL TYPES	Area X	BSPM	= Points	Туре		R-	Value	Area	Х	SPI	И =	Points
Adjacent	173.0	0.70	121.1	Frame, Wood, Exterior			13.0	604.0		1.50		906.0
Exterior	604.0	1.70	1026.8	Frame, Wood, Adjacent			13.0	173.0		0.60		103.8
Base Total:	777.0		1147.9	As-Built Total:				777.0				1009.8
DOOR TYPES	Area X	BSPM	= Points	Туре				Area	Х	SPI	M =	Points
Adjacent	27.0	1.60	43.2	Adjacent Insulated				27.0		1.60		43.2
Exterior	0.0	0.00	0.0									
Base Total:	27.0		43.2	As-Built Total:				27.0				43.2
CEILING TYPES	Area X	BSPM	= Points	Туре		R-Valu	ue A	Area X S	SPM	X S	CM =	Points
Under Attic	716.0	1.73	1238.7	Under Attic			30.0	716.0	1.73)	K 1.00		1238.7
Base Total:	716.0		1238.7	As-Built Total:				716.0				1238.7
FLOOR TYPES	Area X	BSPM	= Points	Туре		R-	Value	Area	Х	SPI	и =	Points
Slab 1	07.0(p)	-37.0	-3959.0	Slab-On-Grade Edge Insulat	ion		0.0	107.0(p		41.20		-4408.4
Raised	0.0	0.00	0.0									
Base Total:			-3959.0	As-Built Total:				107.0				-4408.4
INFILTRATION	Area X	BSPM	= Points					Area	Χ	SPI	И =	Points
	716.0	10.21	7310.4					716.	0	10.2	1	7310.4

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Hwy 240, , FL, 32024**- PERMIT #:

	BASE		AS-BUILT							
Summer Ba	se Points:	8363.9	Summer As-Built Points:							
Total Summer Points	X System = Multiplier	Cooling Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Cooling Points						
8363.9	0.4266	3568.0	(sys 1: Central Unit 16000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(IN: 6741	s) 1971.0 1971.0						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Hwy 240, , FL, 32024-

PERMIT #:

	BASE			AS-BUILT									
GLASS TYPES .18 X Condition Floor Are		VPM =	Points	Type/SC		erhang Len	Hgt	Area X	WI	PM .	x v	V OF	= Points
.18 716.0		12.74	1641.9	Single, Clear	W	1.5	8.0	3.0	28.		1.	01	87.5
				Single, Clear	N	1.5	8.0	30.0	33.			00	997.5
#				Single, Clear	S	1.5	8.0	15.0		.24		04	316.1
	,			Single, Clear	S	1.5	8.0	6.0	20.	.24	1.	04	126.4
				As-Built Total:				54.0					1527.4
WALL TYPES	Area X	BWPM	= Points	Туре		R-	-Value	Area	Х	WF	PM	=	Points
Adjacent	173.0	3.60	622.8	Frame, Wood, Exterior			13.0	604.0		3.4	10		2053.6
Exterior	604.0	3.70	2234.8	Frame, Wood, Adjacent			13.0	173.0		3.3	30		570.9
Base Total:	777.0		2857.6	As-Built Total:				777.0					2624.5
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	Х	WF	PM	=	Points
Adjacent	27.0	8.00	216.0	Adjacent Insulated				27.0		8.0	00		216.0
Exterior	0.0	0.00	0.0										
Base Total:	27.0		216.0	As-Built Total:				27.0					216.0
CEILING TYPES	Area X	BWPM	= Points	Туре	F	R-Value	e Ar	ea X W	PM	ΙΧV	VCN	1 =	Points
Under Attic	716.0	2.05	1467.8	Under Attic			30.0	716.0	2.05	X 1.0	00		1467.8
Base Total:	716.0		1467.8	As-Built Total:				716.0					1467.8
FLOOR TYPES	Area X	BWPM	= Points	Туре		R	-Value	Area	Х	WI	PM	=	Points
Slab 1	07.0(p)	8.9	952.3	Slab-On-Grade Edge Insulati	on		0.0	107.0(p		18.8	30		2011.6
Raised	0.0	0.00	0.0										
Base Total:			952.3	As-Built Total:				107.0					2011.6
INFILTRATION	Area X	BWPM	= Points					Area	Х	WI	РΜ	=	Points
	716.0	-0.59	-422.4					716.	0	-0	.59		-422.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Hwy 240, , FL, 32024- PERMIT #:

	BASE		AS-BUILT Winter As-Built Points: 7424.9								
Winter Base	Points:	6713.2									
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Heating Points							
6713.2	0.6274	4211.9	(sys 1: Electric Heat Pump 16000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Int(A 7424.9 1.000 (1.069 x 1.000 x 0.93) 0.501 0.950 7424.9 1.00 0.994 0.501 0.950	H),R6.0 3516.6 3516.6							

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Hwy 240, , FL, 32024-** PERMIT #:

BASE					AS-BUILT										
WATER HEA Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	х	Tank X Ratio	Multiplier		Credit Multiplie	= To	otal	
2		2635.00		5270.0	50.0	0.90	2		1.00	2693.56		1.00	53	387.1	
					As-Built To	otal:							53	387.1	

	CODE COMPLIANCE STATUS													
BASE							AS-BUILT							
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
3568		4212		5270		13050	1971		3517		5387		10875	

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Hwy 240, , FL, 32024-

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.	e.
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.	1
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

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

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.8

The higher the score, the more efficient the home.

Benton Residence, Hwy 240, , FL, 32024-

					•			
1.	New construction or existing		Addition	_	12.	Cooling systems		
2.	Single family or multi-family	Sin	gle family	_	a.	Central Unit	Cap: 16.0 kBtu/hr	_
3.	Number of units, if multi-family		1				SEER: 11.00	_
4.	Number of Bedrooms		2	-	b.	N/A		_
5.	Is this a worst case?		No					_
6.	Conditioned floor area (ft2)		716 ft ²		c.	N/A		_
7.	Glass type 1 and area: (Label reqd.	by 13-104.4.5 if no	t default)					_
a.	U-factor:	Description			13.	Heating systems		
	(or Single or Double DEFAULT)				a.	Electric Heat Pump	Cap: 16.0 kBtu/hr	_
b	SHGC:	, ,					HSPF: 6.80	_
	(or Clear or Tint DEFAULT)	7b. (Clear)	54.0 ft ²	02	b.	N/A		_
8.	Floor types							
a.	Slab-On-Grade Edge Insulation	R=0.0, 1	07.0(p) ft		c.	N/A		_
b	. N/A			_				_
C.	N/A			_	14.	Hot water systems		
9.	Wall types				a.	Electric Resistance	Cap: 50.0 gallons	
a	Frame, Wood, Exterior	R=13.0	, 604.0 ft ²	_			EF: 0.90	_
b	. Frame, Wood, Adjacent	R=13.0	, 173.0 ft ²	_	b.	N/A		-
C	N/A			_				_
d	. N/A			_	c.	Conservation credits		_
e.	. N/A			_		(HR-Heat recovery, Solar		
10.	Ceiling types					DHP-Dedicated heat pump)	1-20-2-2-1	
a	. Under Attic	R=30.0	, 716.0 ft ²	_	15.	HVAC credits		_
b	. N/A			_		(CF-Ceiling fan, CV-Cross ventilation,	į	
C	. N/A			_		HF-Whole house fan,		
11.	Ducts(Leak Free)					PT-Programmable Thermostat,		
a	. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6	5.0, 15.0 ft	_		MZ-C-Multizone cooling,		
b	. N/A					MZ-H-Multizone heating)		
	ť							
	ertify that this home has compli						THE STAN	
Co	nstruction through the above en	ergy saving feat	ures which	h will b	be in	stalled (or exceeded)	30	B
in t	his home before final inspectio	n. Otherwise, a n	ew EPL	Display	y Car	rd will be completed	8/m 1//	13
	ed on installed Code compliant						3 11110	181
	ilder Signature:			Date:			B	Z
Ad	dress of New Home:			City/	FL Z	ip:	GOD WE TRUS	5

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

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

Energy Code Compliance

Duct System Performance Report

Project Name:	Dave Benton	Builder:	
Address:	Hwy 240	Permitting Office:	
City, State:	, FL 32024-	Permit Number:	
Owner:	Benton Residence	Jurisdiction Number:	
Climate Zone:	North		

Total Duct System Leakage Test Results

CFM2	CFM25 Total Duct Leakage Test Values											
Line	System	Duct Leakage Total	Duct Leakage to Outdoors									
1	System1	cfm25(tot)	cfm25(out)									
2	System2	cfm25(tot)	cfm25(out)									
3	System3	cfm25(tot)	cfm25(out)									
4	System4	cfm25(tot)	cfm25(out)									
5	Total House Duct System Leakage	Sum lines 1-4 Divide by (Total Conditioned Floor Area) =(Q _n ,tot) Receive credit if Q _n ,tot≤ 0.03	Sum lines 1-4 Divide by (Total Conditioned Floor Area) =(Q_n,out) Receive credit if Q_n,out≤ 0.03 AND Q_n,tot≤ 0.09									

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: http://energygauge.com/search.htp	OT THE STATE OF TH
BUILDING OFFICIAL:	
DATE:	
	testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at:

Columbia County Property

Appraiser
DB Last Updated: 3/8/2007

Parcel: 18-5S-16-03644-001 HX

2007 Proposed Values

Tax Record

Property Card

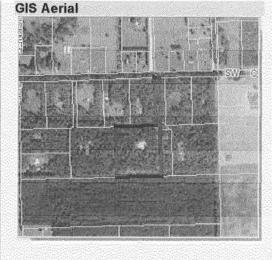
Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 2	Next >>

Owner's Name	BENTON DAV	BENTON DAVID A & KRISTINE J		
Site Address				
Mailing Address	9764 SW CR 240 LAKE CITY, FL 32024			
Use Desc. (code)	SINGLE FAM (000100)			
Neighborhood	18516.00	Tax District	3	
UD Codes	MKTA02	Market Area	02	
Total Land Area	10.010 ACRES			
Description	COMM NW COR, RUN E ALONG C/L CR-240, 1852.20 FT, S 40 FT TO S R/W OF SAID CR-240 FOR POB, CONT S 627.51 FT, W 543.11 FT, S 666.73 FT, E 603.09 FT, N 1295.74 FT TO S R/W CR-240, W 60 FT TO POB. ORB 850-1265, CT 940- 153, 976-897, CORR WD 1046-416, WD 1046- 418. ORB 1105-1048			



Mkt Land Value cnt: (1)

Ag Land Value cnt: (1) \$1,216.00

Building Value cnt: (1) \$108,811.00

XFOB Value cnt: (1) \$2,650.00

Total Appraised \$119,052.00

Value

00 T

\$6,375.00

Just Value		\$175,274.00
Class Value		\$119,052.00
Assessed Value		\$119,052.00
Exempt Value	(code: HX)	\$25,000.00
Total Taxable Value		\$94,052.00

Sa	les		lis	to	rv
35000	note	磁性	alisto)	MAN	ML488

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
12/20/2006	1105/1048	WD	V	U	04	\$100.00
5/13/2005	1046/418	WD	V	Q		\$50,000.00
2/14/2003	976/897	WD	V	U	01	\$28,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2006	Common BRK (19)	1760	2640	\$108,811.00

Note: All S.F. calculations are based on exterior building dimensions.

	Extra Feat	HITAS	R (hit	Ruil	dinas
J	Extra 1 Cat		and the	4.1.3	27:111	umg5

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	2006	\$2,650.00	1060.000	0 x 0 x 0	(.00.)

Land	Brea	akdo	own

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 AC	1.00/1.00/1.00/.85	\$6,375.00	\$6,375.00



NOTICE OF COMMENCEMENT FORM COLUMBIA COUNTY, FLORIDA

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

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD. **Executive Best Office Signature of Owner Arthur Signature of Owner Arthur A	Tax Parcel ID Number 18-55-16-03644	1-001 Permit Number 25729
COMM NW COR, RUN E ALONG C/L CR-240, 1852.20 FT, 8 40 PTTOS RIW OF SAID CR-240 PTTO SRIW OF SAID CR-240 PTTO PRO, ORB SAID CR-240 PTTO PTTO PTTO PTTO PTTO PTTO PTTO PTT	Description of property: (legal description of the pro-	perty and street address or 911 address)
3. Owner Name & Address David & Kristine Benton, 9764 State CR 240, Lake Cuty Ft 30004 Interest in Property 4. Name & Address of Fee Simple Owner (if other than owner): N/A 5. Contractor Name Owner Builder Batton Phone Number 386-758-8805 Address 6. Surety Holders Name Name Notices of State 117 P:99 7. Lender Name Name Notice of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name Neme Phone Number Address 9. In addition to himself/herself the owner designates Phone Number to receive a copy of the Lien Notice as provided in Section 713.13 (1) - (a) 7. Phone Number of the designee Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD. NOTARY STATES AND SEATONERS.	COMM NW COR, RUN E ALONG C/L CR-240, 1852.20 FT, S 40 FT TO S R/W OF SAID CR-240 FOR POB, CONT S 627.51 FT, W 543.11 FT, S 666.73 FT, E 603.09 FT, N 1295.74 FT TO S R/W CR-240, W 60 FT TO POB. ORB 850-1265, CT 940- 153, 976-897, CORR WD 1046-416, WD 1046- 418. ORB 1105-1048	
Interest in Property 4. Name & Address of Fee Simple Owner (if other than owner): 5. Contractor Name Owner Builder B	2. General description of improvement: Acid (+)	on to Home.
Address 6. Surety Holders Name Address Amount of Bond 7. Lender Name Address 8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name Phone Number Address 9. In addition to himself/herself the owner designates 9. In addition to himself/herself the owner designates 10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD. Signature of Owner Sworn to (or affirmed) and subscribed before day WY COMMISSION NO D33566 EPPRES: June 28, 2003 NOTARY STATE SEARCH his Workers NOTARY STATE SEARCH his Workers Inst: 2007/08922 Date: 04/19/2007 Time: 16:40 D. D	Lake Cuty, FL 32024	Interest in Property
Address 6. Surety Holders Name Address Amount of Bond 7. Lender Name Address 8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name Phone Number Address 9. In addition to himself/herself the owner designates Inst:2007008922 Date:04/19/2007 Time:16:40 DC, P. DeWitt Cason, Columbia County B:1117 P:99 Address 6. Surety Holders Name Inst:2007008922 Date:04/19/2007 Time:16:40 DC, P. DeWitt Cason, Columbia County B:1117 P:99 Address 6. Surety Holders Phone Number of the documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name Phone Number of to receive a copy of the Lien Notice as provided in Section 713.13 (1) - (a) 7. Phone Number of the designee 10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD. Signature of Owner Sworn to (or affirmed) and subscribed before day Address Business Research (Subscripts) NOTARY STATES Business Research	4. Name & Address of Fee Simple Owner (if other than g	owner): N/A
Address Amount of Bond Inst:2007p08922 Date:04/19/2007 Time:16:40 Address Amount of Bond T. Lender Name Address 8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name Phone Number Address 9. In addition to himself/herself the owner designates to receive a copy of the Lien Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee to receive a copy of the Lien Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the Motice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD. Signature of Owner WY COMMISSION & DO 233566 EXPIRE N. June 28, 2008 NOTARY STATES EAST THE DOER 2008 NOTARY STATES EAST THE DOER 2008		Benton Phone Number 386-758-8835
Amount of Bond		
7. Lender Name	6. Surety Holders Name PA	Phase Nombre
7. Lender Name	Address	Inst:2007008922 Date:04/19/2007 Time:16:40
Address 8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name	Amount of Bond	DC,P.DeWitt Cason,Columbia County B:1117 P:99
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name	1. Edited Marie	•
Served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name		- Table
Name	8. Persons within the State of Florida designated by the	Owner upon whom notices or other documents may be
9. In addition to himself/herself the owner designates		
9. In addition to himself/herself the owner designates	NameNA	Phone Number
to receive a copy of the Lien Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee	Address	
(a) 7. Phone Number of the designee	In addition to himself/herself the owner designates _	NA of
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD. Signature of Owner Sworn to (or affirmed) and subscribed before day ACCOMMISSION & DD 333566 EXPIRED BY TRUE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN MY COMMISSION & DD 333566 EXPIRED BY TRUE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN MY COMMISSION & DD 333566 EXPIRED BY TRUE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN NOTARY STATISTICS FOR THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN MY COMMISSION & DD 333566 EXPIRED BY TRUE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN MY COMMISSION & DD 333566 EXPIRED BY TRUE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN NOTARY STATISTICS FOR THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN MY COMMISSION & DD 333566 EXPIRED BY TRUE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN MY COMMISSION & DD 333566 EXPIRED BY TRUE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BY TRUE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BY TRUE NO ONE ELSE MAY BY T	to receive a copy of	the Lien Notice as provided in Section 713.13 (1) -
THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD. **Executive General Gale is specified) Signature of Owner Sworn to (or affirmed) and subscribed before day MY COMMISSION # DD 3335#8 EXPLICATION TO BE STEADER MY COMMISSION # DD 3335#8 EXPLICATION # Public Information NOTARY STATUS EN Public Information	(a) 7. Phone Number of the designee	NA
Sworn to (or affirmed) and subscribed before day ACCOMMISSION & DD 333568 EXPLICATIVE BLACK GALE TEDDER MY COMMISSION & DD 333568 EXPLICATIVE STANKING PUBLISHERS NOTARY STANKING PUBLISHERS N	10. Expiration date of the Notice of Commencement (the recording, (Unless a different date is specified)	expiration date is 1 (one) year from the date of
Signature of Owner Sworn to (or affirmed) and subscribed before day GALE TEDDER MY COMMISSION # DD 333566 EXPIRES: June 28, 2008 EXPIRES: June 28, 2008	THE OWNER MUST SIGN THE NOTICE OF COMMENCE IN HIS/HER STEAD.	MENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN
MY COMMISSION # DD 333598 NOTARY STANTAS EARS THU NOTARY Public Underwriters	Signature of Owner	Benton
	Sworn to (or affirmed) and subscribed before day	GALE TEDDER MY COMMISSION # DD 333596 EXPIRES: June 28, 2008

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder unless stated otherwise

val contacts for correct are someon the real contact epotator	25729
Section 1: General Information (Treating Company Information	n)
Company Name:	City Lake City State FL Zip 33055 Company Phone No.386-755-3611 352-434-5751
Section 2: Builder Information	
Company Name: David Benton	Company Phone No
Section 3: Property Information	4
Location of Structure(s) Treated (Street Address or Legal De	escription, City, State and Zip) 9764 SW CR 240
Type of Construction (More than one box may be checked) Approximate Depth of Footing: Outside	
Section 4: Treatment Information	
Brand Name of Product(s) Used	
Attachments (List)	
Comments Addition to PXIS	ting home
Name of Applicator(s) . Oregory	Certification No. (if required by State law)
The applicator has used a product in accordance with the product la federal regulations.	abel and state requirements. All treatment materials and methods used comply with state and
Authorized Signature	Date 0/10/01

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

Deside Desid -1 40004 Com ODOMBRAN 4 000 000 4044

form HUD-NPCA-99-B (04/2003)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T9S8228Z0610155457

Truss Fabricator: Anderson Truss Company

Job Identification: 7-095--Fill in later DAVE BENTON -- , **

Truss Count: 14

Model Code: Florida Building Code 2004 and 2006 Supplement

Truss Criteria: ANSI/TPI-2002(STD)/FBC

Engineering Software: Alpine Software, Versions 7.36, 7.24.

Structural Engineer of Record: The identity of the structural EOR did not exist as of

Address: the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

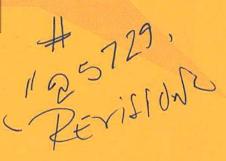
Details: VALTRUSS-A11015EE-GBLLETIN-BRCLBSUB-

#	Ref Description	Drawing#	Date
1	59337 A	07222008	08/10/07
2	59338 AGE	07222001	08/10/07
3	59339B	07222010	08/10/07
4	59340BGE	07222007	08/10/07
5	59341T15	07222006	08/10/07
6	59342V1	07222009	08/10/07
7	59343V2	07222011	08/10/07
8	59344V3	07222012	08/10/07
9	59345V4	07222013	08/10/07
10	59346V5	07222014	08/10/07
11	59347 V6	07222002	08/10/07
12	59348V7	07222003	08/10/07
13	59349V8	07222004	08/10/07
14	59350V9	07222005	08/10/07

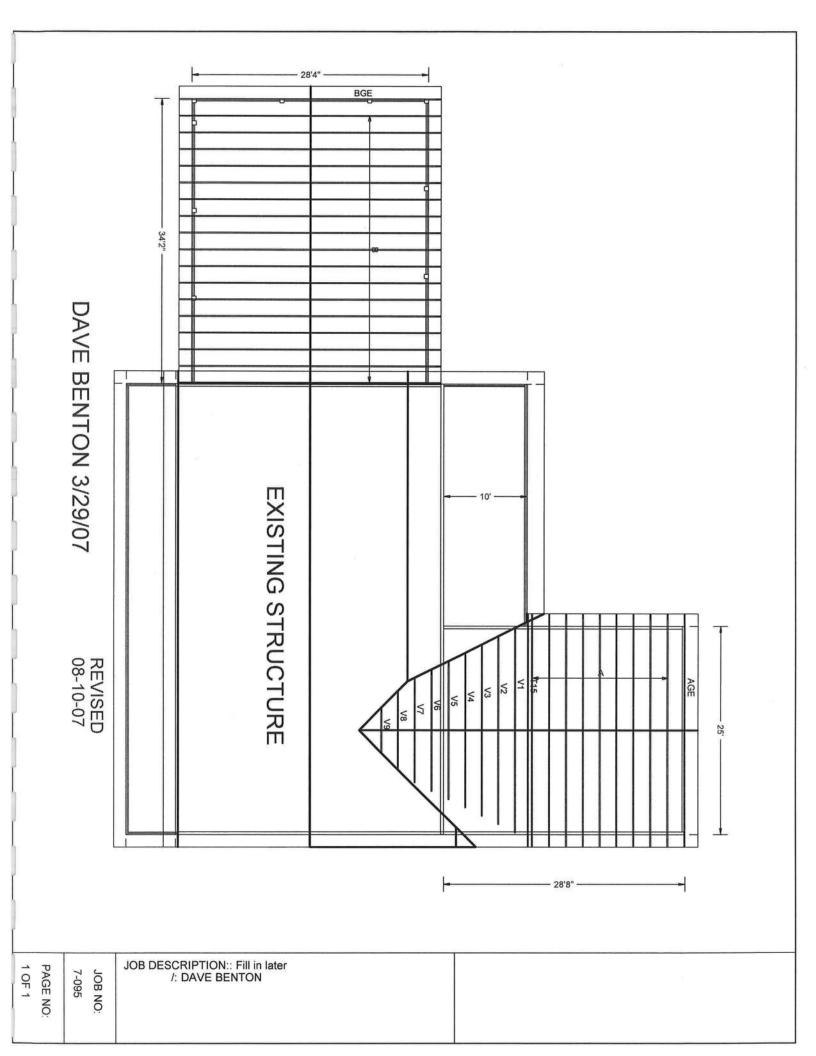
J. 16

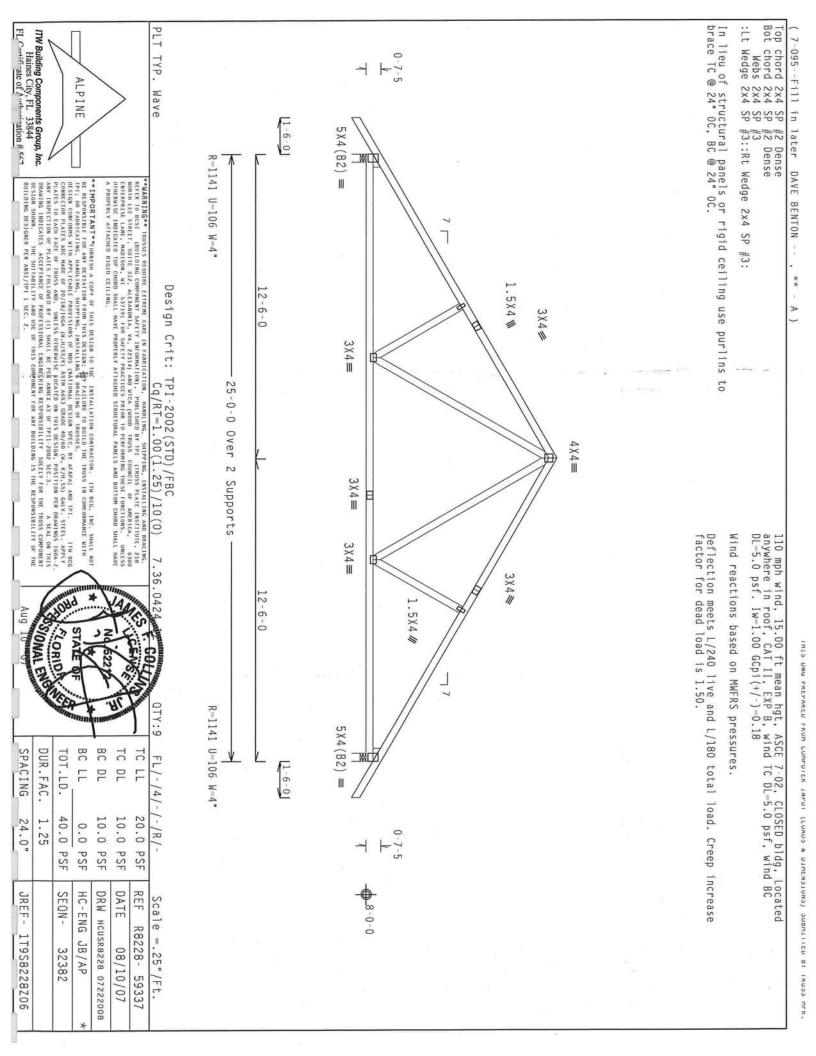
Seal Date: 08/10/2007

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









Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

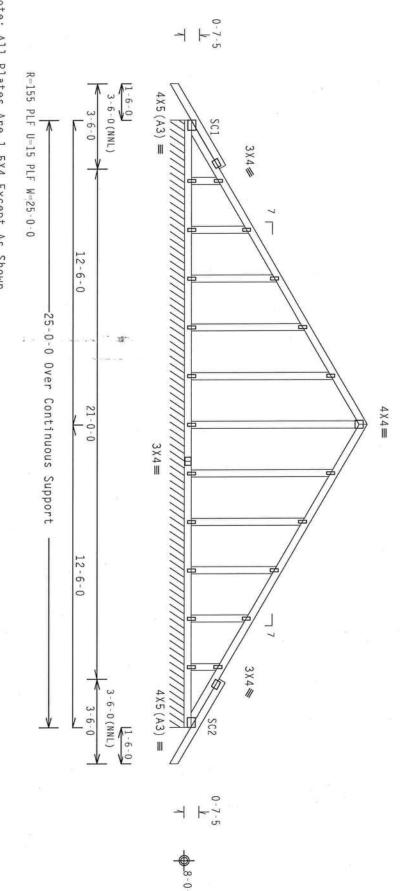
Wind reactions based on MWFRS pressures.

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

See DWGS Al1015EE0207 & GBLLETIN0207 for more requirements

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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



Note: All Plates Are 1.5X4 Except As Shown.

TYP.

Wave

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

FL/-/4/-/-/R/-

Scale = .25"/Ft.

R8228- 59338

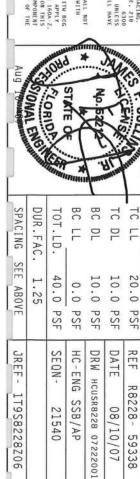
08/10/07

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, VEY FAILURE TO DUILD THE TRUSS IN COMPORMANCE WITH. TPI: OR FARRICATING, MANUING, SHEPPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONTROLING, SHEPPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONTROLING, SHEPPING, THE SHEPPING, POSITION OF REAL SHEPPING, SHEPPING

Haines City, FL 33844
FL alte of A alton # 673

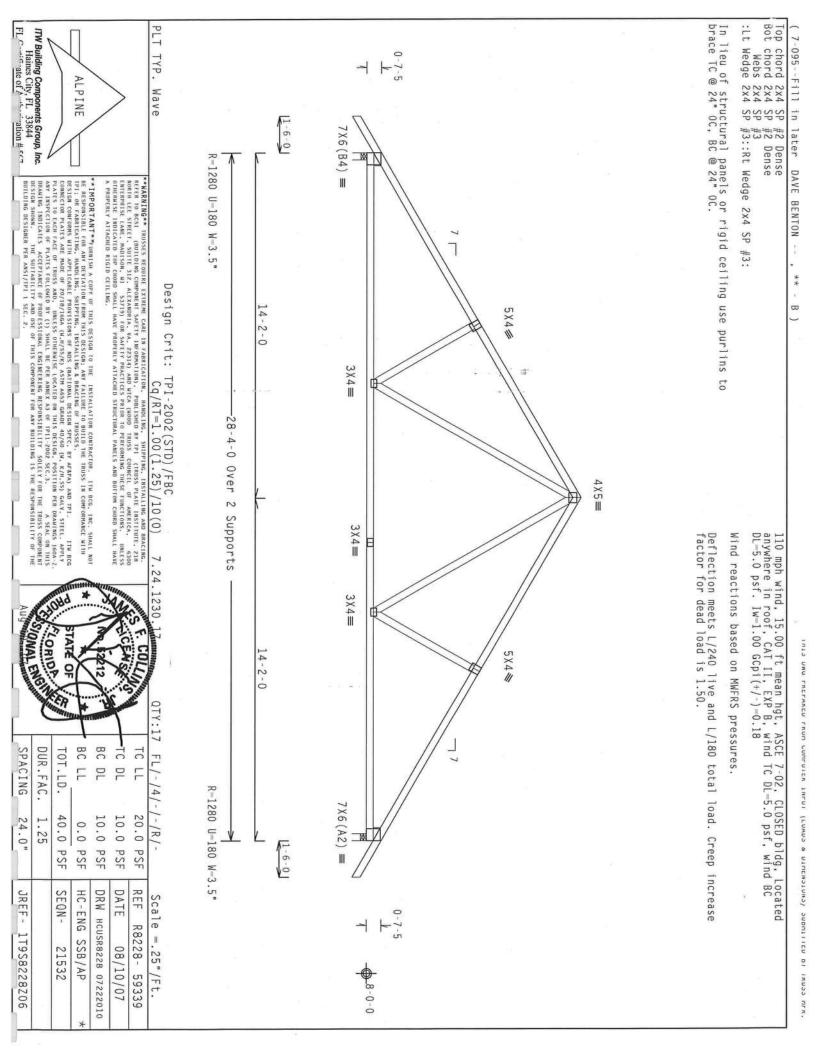
DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TP1 1 SEC

ALPINE



1T9S8228Z06

21540



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SCI 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense: Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched. Haines City, FL 3844
FL atte of A attention # 57 PLT TYP. Note: All Plates Are 1.5X4 Except As Shown. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. (A) 1x4 SP #3 or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. 7-095--Fill in later ALPINE Wave R=161 PLF U=15 1-6-0 4X5 (A3) ≡ 3-6-0 (NNL) 3-6-0 SC1 DAVE BENTON 3X4# **EMPORTANT**rubaisi, a copy of this design to the installation contractor. The sc. the c. shall not get esconsible for any extraction from his design, and falling to build the fruss in componance with the less one size from the fruss in componance with the less of the frusses. An experience of the frusses.

Design compones with applicable provisions of his capational design spec, by afapa) and TP1. The body connection parties are more toldische connection parties are more toldische connection parties are more toldische connection parties. Are more toldische connection parties are more toldische connection parties. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERMISE LOCATED ON THIS DESIGN POSITION PER DRAMINGS 160A-Z ANY INSPECTION OF PLATES FOLLOHED BY (1) SMALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS BRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SMOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE A PROPERLY ATTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI 1 SEC. PLF W=28-4-0 ** Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) BGE 4-2-0 3X4# 28-4-0 Over Continuous Support 24-4-0 4X4= 8 5 X 4 = 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. See DWGS All015EE0207 & GBLLETIN0207 for more requirements 3X4// CORIO 14-2-0 QTY:1 BC LL BC DL TC LL DUR.FAC. TC TOT.LD. FL/-/4/-/-/R/-PL 3X4// \$ 4X5 (A3) ≡ 3-6-0 (NNL) 1.25 40.0 10.0 20.0 10.0 PSF 3-6-0 0.0 SC2 1-6-0 PSF PSF PSF PSF SEQN-DATE REF HC-ENG DRW HCUSR8228 07222007 Scale = .25"/Ft. R8228- 59340 SSB/AP 21544 08/10/07 raced in n.

ation # *

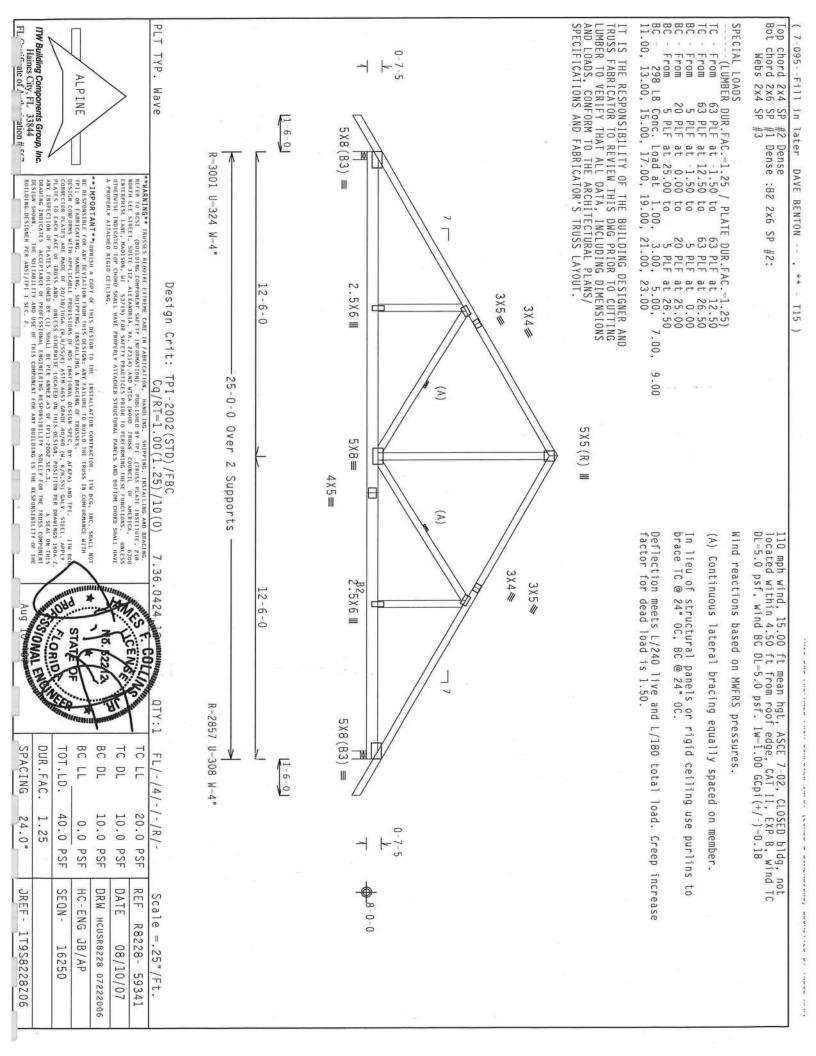
SPACING

SEE

ABOVE

JREF -

1T9S8228Z06



ation # *

SPACING

24.0"

JREF -

1T9S8228Z06

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Note: All Plates Are 1.5X4 Except As Shown. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50.\,$ Wind reactions based on MWFRS pressures Haines City, FL 33844
FL atte of atton # (7) 7-095--Fill in later DAVE BENTON TYP. R=83 PLF U=6 PLF ALPINE Wave W=16-6-15 **IMPORTANT***UURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVALUE FOR DESIGN FOR TAILURE TO BUILD THE FUSSS IN COMPORANCE WITH IP: OR FARBICATING, MANDIEM, SHIPPING, HSTALLING & BRACHEG OF THUSSES. BY AFERA, AND TPI ICABLE PROVISIONS OF MIS (MATIONAL DESIGN EVEC, BY AFERA) AND TPI ICABLE PROVISIONS OF MIS (MATIONAL DESIGN EVEC, BY AFERA) AND TRIL THE BCG CONNECTOR PLATES ARE MODE TO 20/10/166A (M.HYSSYL) ASTR AGS GRADE 40/60 (M. K/H.SS) AGAV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNICES OFFICENESS CONNECTOR PLATES ARE CONDUCTOR OF STATES OF THE STATES. AND THE STATES OF THE STATES OF THE STATES OF THE STATES AND THE STATES OF THE STAT **MARNING** TRUSSES REGUIRE EXTREME CARE IN FABRICATION, HANDLING, SHPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY IMPORACION), PUBLISHED BY TPI CHRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND STCA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MAISSON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTBERHISE INDICATED TO FORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ABSI/TPI 1 SEC ∞ -3-8 Design Crit: V5 16-6-15 Over Continuous Support TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 4 X 4 == 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 3 \ 4 == See DWG VALTRUSS0207 for valley details In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 3-8 2X4(D1) =BC DL TC DL DUR.FAC. TC LL TOT.LD. SPACING FL/-/4/-/-/R/-11-0-12 1.25 40.0 10.0 PSF 10.0 PSF 20.0 PSF 24.0" 0.0 PSF PSF DATE REF JREF -SEQN-HC-ENG JB/AP DRW HCUSR8228 07222014 Scale =.375"/Ft. R8228- 59346 1T9S8228Z06 32408 08/10/07

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # Wind reactions based on MWFRS pressures. PLT TYP. Note: All Plates Are 1.5X4 Except As Shown. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ ITW Building Components Group, Inc. Haines City, FL 33844 FL Conference of Authority atton # 567 7-095--Fill in later DAVE BENTON R-83 PLF U-5 ALPINE Wave #2 Dense #2 Dense #3 PLF W-14-6-15 ***IMPORTANT****UNRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. HIC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGNS. ANY FALLURE TO BUILD THE RUSS IN COMPORMANCE WITH THIS DESIGN. ANY FALLURE TO BUILD THE RUSS IN COMPORNAL PROPERTY OF THE STATE OF THE STAT **MARNING** RUSSES REDURE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. ZZ314) AND MICA (MODD TRUSS COUNCIL OT AMERICA, 6300 ENTERPRISE LAKE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE (NOTABLE TO PORTOR) SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES Ф 7-3-8 Design Crit: 16 14-6-15 Over Continuous Support 由 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 4 X 4 ≡ Ф See DWG VALTRUSS0207 for valley details. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 中 7-3-8 BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-2X4(D1) = מובה בייי פי (במסכים פי מדוובשקונטוים) הממוזדנובה מני ושמים נוו עי 40.0 20.0 1.25 10.0 PSF 0.0 10.0 PSF PSF PSF PSF DATE SEQN-REF HC-ENG DRW HCUSR8228 07222002 Scale = .5"/Ft. R8228- 59347 JB/AP 32412 08/10/07

SPACING

24.0"

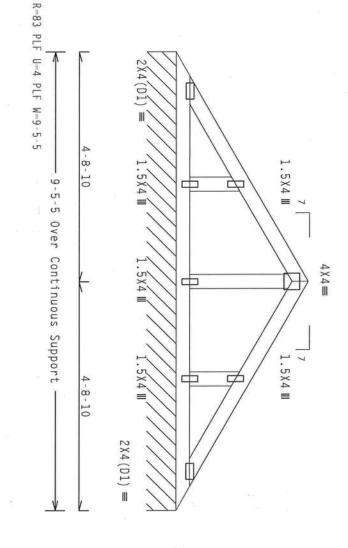
JREF -

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Top chord Bot chord 7-095--Fill in later DAVE BENTON -chord 2x4 SP chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 ** V8) 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 IHIS UWG PREPARED FROM COMPUTER INPUT (LUADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. See DWG VALTRUSS0207 for valley details. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

Wind reactions based on MWFRS pressures



Haines City, FL 33844
FL Carifage of Authorization # <<a>T ALPINE Wave ation # « ** IMPORTANT** QUBUISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, HE C. SHALL HOT BE RESONISHEE FOR ANY BEALING TO BUILD THE RUSS. IN CONTRIBUTE OF THE PRESONISHEE FOR ANY BEALING TO BUILD THE RUSS. IN CONTRIBUTE OF THE PROPERTY OF TH NORTH LEE STREET, SUITE 312, ALEXA ENTERPRISE LANE, MADISON, MI 537 OTHERBUSE HODICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERS OUTSE EXTREME CASE IN "AMPLICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, THE COMPONENT SAGETY MINORANTION), DURLE STRUCTURES FRATE INSTITUTE, 218
312. ALEXANDRIA, VA. 22314) AND WICA (MODO TRUSS COUNCIL OF AMPRICA, 6360
M. MI 53715) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNICE CONTROL OF AMPRICA, 183110, 18 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) PI1-2002 SEC.3. A SEAL ON THIS SILLITY SOLELY FOR THE TRUSS COMPONENT BUILDING IS THE RESPONSIBILITY OF THE AFAPA) AND TPI. ITW BCG, K/H.SS) GALV. STEEL APPLY POSITION PER DRAHINGS 160A-Z 8 ug SONAL ENGINE BC DL BC LL TC DL TC LL DUR.FAC. TOT.LD. SPACING FL/-/4/-/-/R/-40.0 10.0 20.0 1.25 10.0 PSF 24.0" 0.0 PSF PSF PSF PSF DATE REF JREF -SEQN-HC-ENG DRW HCUSR8228 07222004 Scale =.5"/Ft. R8228- 59349 1T9S8228Z06 JB/AP 32420 08/10/07

PLT TYP.

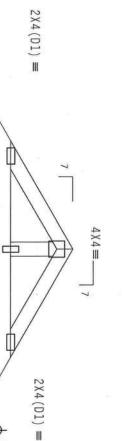
Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

110 mph wind, 15.25 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. See DWG VALTRUSS0207 for valley details.



5×4 III

R=83 PLF U=3 PLF W=5-5-5 5-5-5 Over Continuous Support -2-8-10 2-8-10

Design Crit: TP1-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

FL/-/4/-/-/R/-

Scale =.5"/Ft.

PLT TYP.

Wave

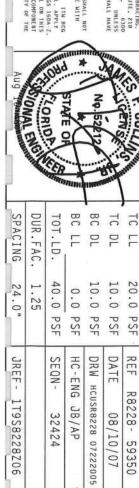
WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS PAATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NITCA (MODOL TRUSS COUNCIL OF AMERICA, 6300 ENTREPRESE LANE, MAISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTMERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AVE YELLURG TO BUILD THE TRUSS IN COMPORMANCE MITH IP: OR FARRICATING, HANDLING, SHEPPING, HISTALLING A BRACHEG OF TRUSSES, DESIGN COMPORES HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AREA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/M) ASTM A653 GRADE 40/60 (M.K/M.SS) GALY. SITEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION OF RE DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARMEX A3 OF 1711-2002 SEC.3. A SEAL ON THIS BCSIGNAL SECONDOMENT OF THE SECONDOM

DESIGN SHOWN. THE SUITABILITY AND US BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

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

ALPINE



JB/AP 32424

08/10/07

1T9S8228Z06

VALLEYTRUSS DETAIL

TOP CHORD CHORD 2X4 SP #2 OR : 2X3(*) OR 2X4 : 2X4 SP #3 OR SP #2N OR SPF #1/#2 OR BETTER SPF #1/#2 OR BETTER BETTER.

- 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).
- * ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF. ASCE 7-02 OR ASCE 7-05 130 MPH. SBC 110 MPH, ASCE 7-93 110 MPH OR ASCE 7-98, (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR

CUT FROM 2X6 OR LARGER AS REQ'D

12

4-0-0

MAX

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9"

MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0"

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH: PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION

PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN

*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

LIEU OF PURLIN SPACING

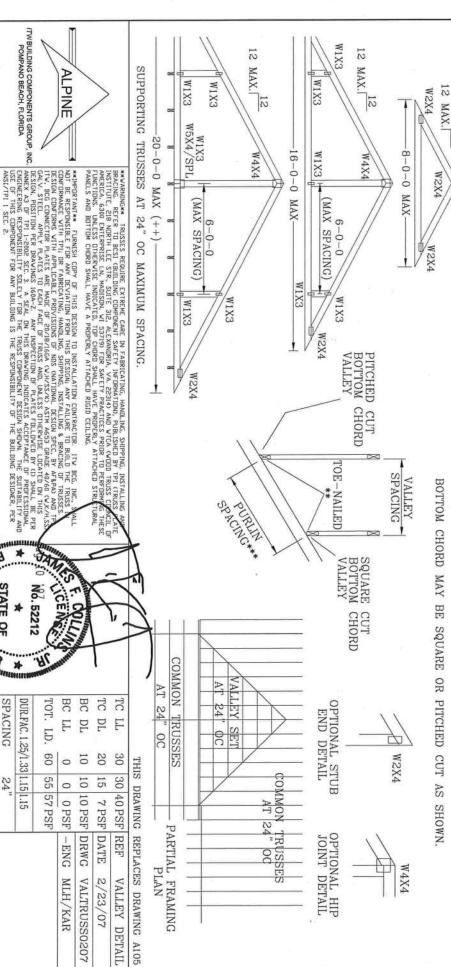
AS SPECIFIED

ON.

ENGINEERS' SEALED DESIGN. BY VALLEY TRUSSES USED IN

+ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS



ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

SSIONAL ENGINE

STATE OF

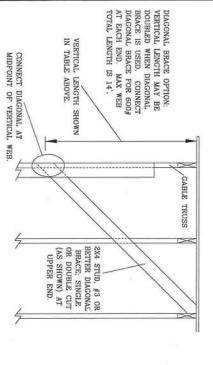
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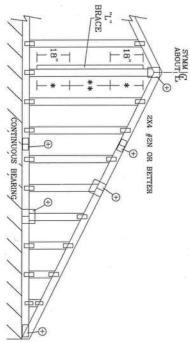
SPACING

DUR.FAC. 1.25/1.33 | 1.15 | 1.15

ASCE 7-02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, Н 1.00, EXPOSURE 0

	1	M 2	51.0			200	3 <i>E</i>		3]		E 6		127	E O	-		20,00	C	А 2			L		N		x']	H	
		_	<i>V.</i>		111.	·	ひてば	_	1		1	<i>U.</i>			. U	טלק.	2			1	<i>U.</i>)) III.	. III	OLL		ING SPECIES GRADE	GABLE VERTICAL
STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#22	#1	STANDARD	STUD	#3	#1 / #2	GRADE	AL BRACE
4' 11"	5' 0"	5' 0"	5. 3.	5.4	4' 9"	4' 9"	4' 9"	4' 11"	4' 5"	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"	4' 4"	4' 4"	4, 5,	3' 10"	4' 0"	4' 0"	4. 2.	4' 3"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	NO
7' 5"	8' 5"	8' 5"	8, 2,	8, 2,	7' 3"	8, 5,	1.3	8' 5"	6, 5"	7' 6"	7' 7"	7' 8"	7' 8"	6' 4"	7' 4"	7' 4"		5 3	6' 1"	6, 2,	_ 30	6' 8"	5 2	6, 0,	6' 0"	6, 8,	GROUP A	(1) 1X4 L
7' 5"	8' 7"	8' 5"	9' 1"	9' 1"	7' 3"	8' 5"		8' 8"	6' 5"	7' 6"	7' 7"	8' 3"	8' 3"	6' 4"	7' 4"	7' 4"	7' 10"		6' 1"	6' 2"	7' 2"	7' 2"	5, 5,	6' 0"	6' 0"	6' 10"	GROUP B	BRACE .
9' 10"	10' 0"	10' 0"	10' 0"	10' 0"	9' 7"	10' 0"	10' 0"	10' 0"	8' 6"	9, 1,	9, 1,	9' 1"	9' 1"	8' 4"	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 684
9' 10"	10' 6"	10' 6"	10' 9"	10' 9"	543	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8' 0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	L BRACE .
111' 11"	111' 11"	11' 11"	111' 111"	11' 11"	111' 111"	11. 11.	11' 11"	11' 11"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"		10' 10"	10' 10"	9' 4"	9' 5"		9' 5"	9' 5"	9' 1"	9' 5"	9' 5"	9' 5"	GROUP A	(2) 234 L
12' 3"	12' 6"	12' 6"	12' 10"		11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	BRACE **
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"		12' 5"	0.7	12' 5"	10' 7"	12' 3"	12' 4"	12' 5"	GROUP A	(1) 2X6 L
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"		14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12' 6"	12' 8"		13' 5"	10' 7"	12' 3"	12' 4"		GROUP B	BRACE .
14' 0"	14' 0"		14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"			14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	B GROUP A GROUP	(2) 2X6 L
14′ 0″	14' 0"	14' 0"			14' 0"		14' 0"		14′ 0"			14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14′0"		14' 0"	14' 0"	14' 0"	GROUP B	BRACE **





GABLE TRUSS DETAIL NOTES:

GABLE END SUPPORTS LOAD FROM 4' 0" PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD). PLYWOOD OVERHANG. OUTLOOKERS WITH 2' O" OVERHANG, OR 12"

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

PEAK, SPLICE, AND HEEL PLATES.	REATER THAN 11' 6"	REATER THAN 4' O", BUT LESS THAN 11' 6"	ESS THAN 4' O"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
USS EL F			-	Ц	LAT
DESIGN LATES.	2.5X4	2X4	1X4 OR 2X3	NO SPLICE	E SIZES
FOR	L		ex3	CE	51

		- 7				
	USE OF THIS COMMUNENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPT 1 SEC. 2.	ANNEX AS OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND	ITV. BEG CONNECTOR PLATES ARE MADE OF 20/18/16/64 (VH/XSXX) ASTM A653 GRADE 40/60 (VH/XHSX) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSTITUM PER DRAWNOS 160A-Z. AMY INSPECTION OF PLATES FOLLOWED BY (O) SHALL BE FOR	**IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE TRUSS IN CONFORMANCE VITH TPI, DR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS VITH APPLICABLE PRODVISIONS OF NDS GNATIONAL DESIGN SPEC, BY AT&PA) AND THE	THE STAND ENTERPRISE CONCRETE, THE SAFETY PARELITY ATTACHED STRUCTURAL FUNCTIONS. UNLESS CHIEFACISE (NDICATES, THE CHIEFD STRUCTURAL HAVE RODERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHIEFD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.	***VARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATING, NANULING, SEPPING, INSTALLING AND BRACING, REFERE TO BEST GRULDING COMPONENT SAFETY INFORMATION, PUBLISHED BY FFI CIRUSS CLANDING INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 223/4) AND MTCA CYDDD TRUSS CLONDING INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 223/4) AND MTCA CYDDD TRUSS CLONDING INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 223/4) AND MTCA CYDDD TRUSS CLONDING INSTITUTE.
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- A.C.	E OF		2212			\ \
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	X. SF		MAX. TOT.			
	ACII		T. L			

ING Ē 60 PSF 24.0" DRWG DATE 2/23/07 A11015EE0207 ASCE7-02-GAB11015

WALDERFANTS FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG. INC. SAL OUT DEFENDANCE VITH FILE ARY EVALUATION CONTROLLING SHOPPING NETALLING SHOPPING AND THE FILESSES. DESIGN CONTROLLING SHOPPING SHOPPING NETALLING SHOPPING SHOPPI

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

SONAL ENGIN

REF

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

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

#3 HEM-FIR STANDARD

BRACING GROUP SPECIES AND GRADES:

GROUP

A:

SOUTHERN PINE
#3
STUD
STANDARD

₩.

GROUP

SOUTHERN PINE #1 #1 & BTR DOUGLAS FIR-LARCH

LIVE LOAD DEFLECTION CRITERIA IS L/240.

ATTACH EACH "L" BRACE WITH 10d NAILS.

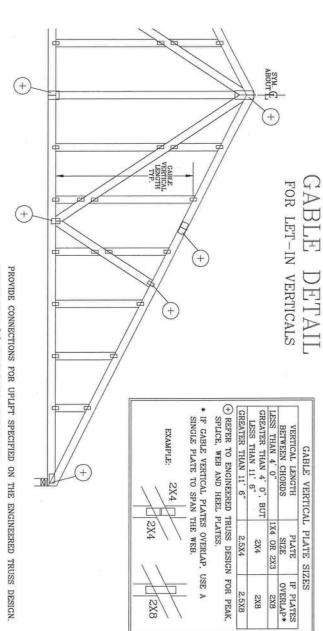
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

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

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

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

REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.



ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

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

GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

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

REINFORCING-MEMBER

4 TOENAILS

RIGID SHEATHING

TRUSS

TOENAILS SPACED AT 4" O.C.

ASCE 7-93 GABLE DETAIL DRAWINGS

ASCE 7-98 GABLE DETAIL DRAWINGS A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207 A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207

ASCE 7-02 GABLE DETAIL DRAWINGS A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207 A08530EC0207

ASCE 7-05 GABLE DETAIL DRAWINGS A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207 A08530EE0207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SECCI A13030E50207, A12030E50207, A11030E50207, A10030E50207, A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207 A08530E50207

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.



4 TOENAILS

CEILING

VARNING TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDING, SHIPPING, INSTALLING BRACHOG. REFER TO BESI CHUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TRI CTRUSS INSTITUTE, 218 NIDTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22349 AND VICA CYCOLD TRUSS COLD AMERICA, 6300 ENTERRISE LN, MADISON, VI 53759 FOR SAFETY PRACTICES REIGH TO PERFORMAC FUNCTIONS. UNLESS OTHERWISE INDICATED, TO PERFORMAC FUNCTIONS. UNLESS OTHERWISE INDICATED, TO PERFORMAC PARCELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCK PARCELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED RIGHD CEILING.

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ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

TOENAIL 2X4 "T" REINFORCING MEMBER 2X6 "T" REINFORCING MEMBER TOENAIL

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

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

WEB LENGTH INCREASE W/ BRACE

30 FT	70 MPH	15 FT	70 MPH	30 FT	80 MPH	15 FT	80 MPH	30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 MPH	30 FT	110 MPH	15 FT	110 MPH	AND MRH
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	MBR. SIZE												
10 %	10 %	0 %	0 %	20 %	20 %	10 %	10 %	30 %	10 %	20 %	20 %	40 %	10 %	30 %	10 %	50 %	10 %	40 %	10 %	SBCCI
30 %	20 %	20 %	20 %	40 %	10 %	30 %	20 %	50 %	2 01	40 %	10 %	40 %	10 %	50 %	10 %	50 %	2 01	50 %	10 %	ASCE

GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4 MEAN ROOF HEIGHT = 30 FT MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH $1.10 \times 6' \ 7'' = 7' \ 3''$ "T" BRACE INCREASE (FROM ABOVE) = 10% = (1) 2X4 "L" BRACE LENGTH = 6' 7" ASCE WIND SPEED = 100 MPH 1.10

PLACES DRAWINGS

GAB98117 876,719

80

HC26294035

MAX	DUE	11111000	AL.	The state of the s	_
MAX SPACING 24.0"	DUR. FAC. ANY	TOT. LD.			
24.0"	YNY	60 PSF			
			-ENG	DRWG	DATE
			-ENG DLJ/KAR	GBLLETIN0207	2/23/07

WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED

NOTES

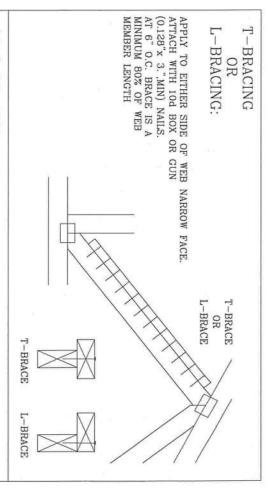
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

FOR MINIMUM ALTERNATIVE BRACING, BRACING ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. RE-RUN DESIGN WITH APPROPRIATE

WEB MEMBER	SPECIFIED CLB	ALTERNATIV	SCAB BRACE
SIZE	BRACING	T OR L-BRACE	
2X3 OR 2X4	1 ROW	2X4	
2X6	1 ROW	2X4	
2X6	2 ROWS	2X6	
2X8	1 ROW	2X6	
2X8	2 RÓWS	2X6	

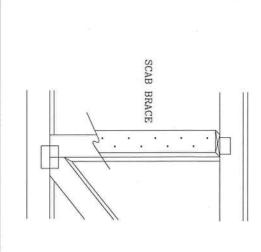
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

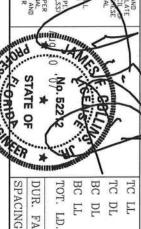
* CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.



SCAB BRACING:

(0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH APPLY SCAB(S) TO WIDE FACE OF WEB ATTACH WITH 10d BOX OR GUN NO MORE THAN (1) SCAB PER FACE.





THIS DRAWING REPLACES DRAWING 579,640

WHIPDERVANIEW FURNISH COPY OF THIS DESIGN TO INSTALLATION COMPRACTOR. ITV BCG, INC.

NOT BE RESPONSULE FOR ANY DEVIATION FROM HIS DESIGNA MAY FAILURE TO BUILD THE TRANSLED DESIGNANCE WITH A PROPERTY OF FABRICATING, FARMANING, SHEPPING, METALLING & BRACKING OF TRANSLED COMPRETOR PLATES, ARE MADE OF 20/18/16/04 A. VISTELL AND PROPERTY OF THE STORY SEED TO A PROPERTY OF THE STORY SEED COPIED TO BESSION SEED TO A PROPERTY OF THE STORY SEED COPIED TO BESSION SEED TO A PROPERTY OF THE STORY OF THE ST **VARNING** TRUSSES REGUIRE EXTREME CARE IN FABRICATING, HANDLING, SUPPING, INSTALLING BRACING. SEFER TO BESS (BUILDING COMPONENT SAFETY IN PROPRIATION, PUBLISHED BY TRY CRUSSE INSTITUTE, 218 NORTH LEE STER, SUTTE 312, ALEXANDRIA, VA. 22314) AND VTGA (VUTDO TRUSSE COL MARTICA, 6300 EXTERPRISE LN, HADISON, VI 53719) TOR SAFETY PRACTICES PRIDE TO PERFORMING FUNCTIONS. UNLESS DIFFERISE INDICATED. TOP CORDS SMALL HAVE PROPERLY ATTACHED STRUCT PANELS AND BUTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCT

/TWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

TC DL DUR. FAC TOT. LD BC LL BC DL PSF PSF PSF PSF PSF DATE REF DRWG -ENG BRCLBSUB0207 2/23/07 MLH/KAR CLB SUBST



COLUMBIA COUNTY, FLORIDA

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

Parcel Number 18-5S-16-03644-001

Fire: 0.00

Building permit No. 000025729

Permit Holder SAME AS APPLICANT

Use Classification ADDITION TO SFD

Owner of Building DAVID & KRISTINE BENTON

Date: 01/18/2008

Location:

9764 SW CR 240, LAKE CITY, FL

Waste:

Total: 0.00

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T8C8228Z0320062048

Truss Fabricator: Anderson Truss Company

Job Identification: 7-095--Fill in later DAVE BENTON -- , **

Truss Count: 13

Model Code: Florida Building Code 2004 and 2006 Supplement

Truss Criteria: ANSI/TPI-2002 (STD) /FBC

Engineering Software: Alpine Software, Versions 7.36, 7.24.

Structural Engineer of Record: The identity of the structural EOR did not exist as of

Address: the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

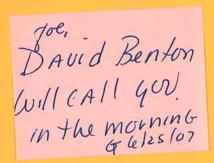
Details: VALTRUSS-A11015EE-GBLLETIN-

#	Ref Description	Drawing#	Date
1	34733 A	07170014	06/19/07
2	34734 AGE	07170001	06/19/07
3	34735 B	07170003	06/19/07
4	34736 BGE	07170002	06/19/07
5	34737 V1	07170015	06/19/07
6	34738V2	07170016	06/19/07
7	34739 V3	07170017	06/19/07
8	34740 V4	07170018	06/19/07
9	34741 V5	07170019	06/19/07
10	34742V6	07170020	06/19/07
11	34743 V7	07170021	06/19/07
12	34744V8	07170022	06/19/07
13	34745 V9	07170023	06/19/07

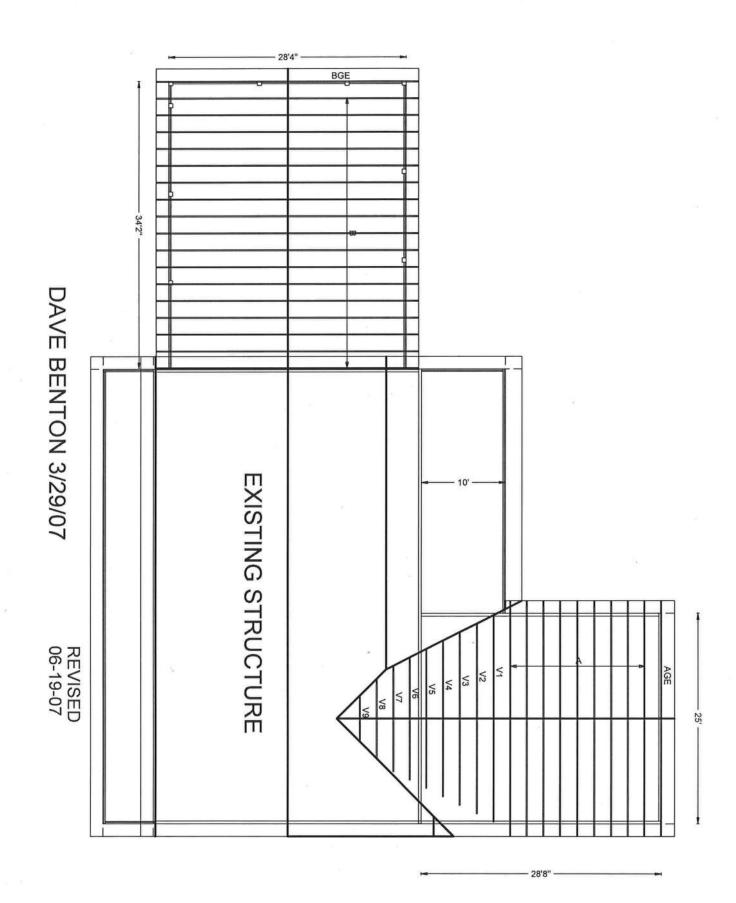
J. 164

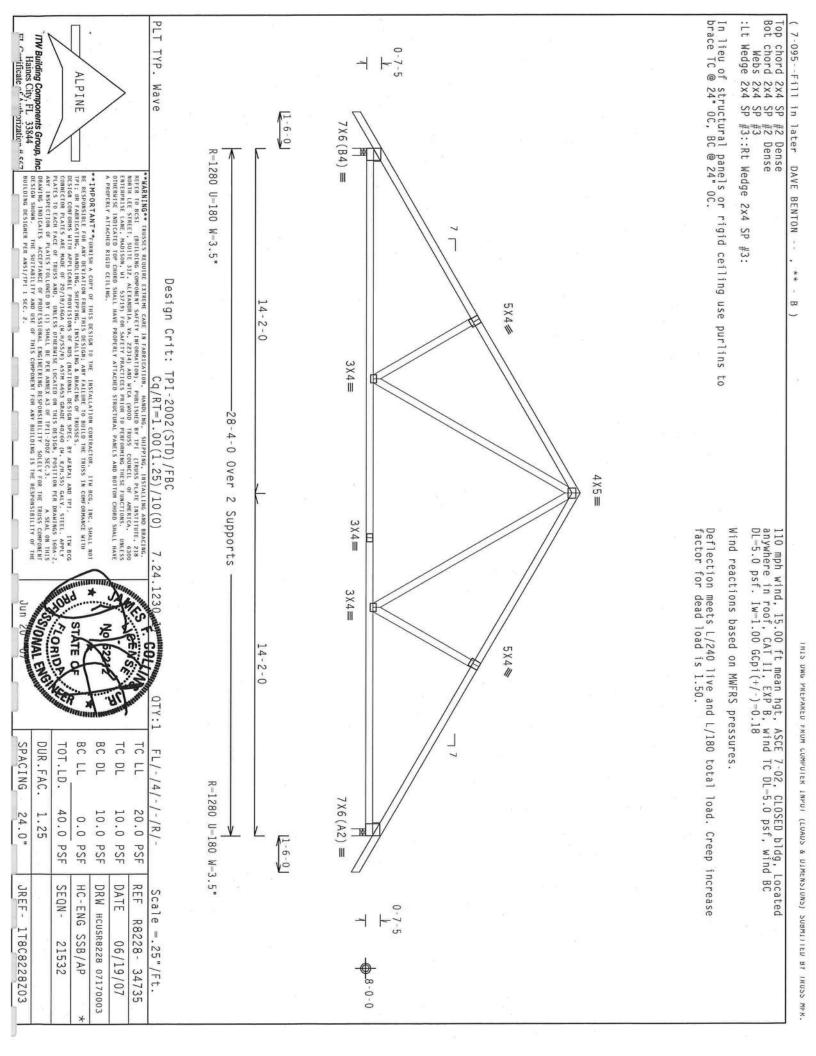
Seal Date: 06/20/2007

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









2x4 SP #2 Dense: 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

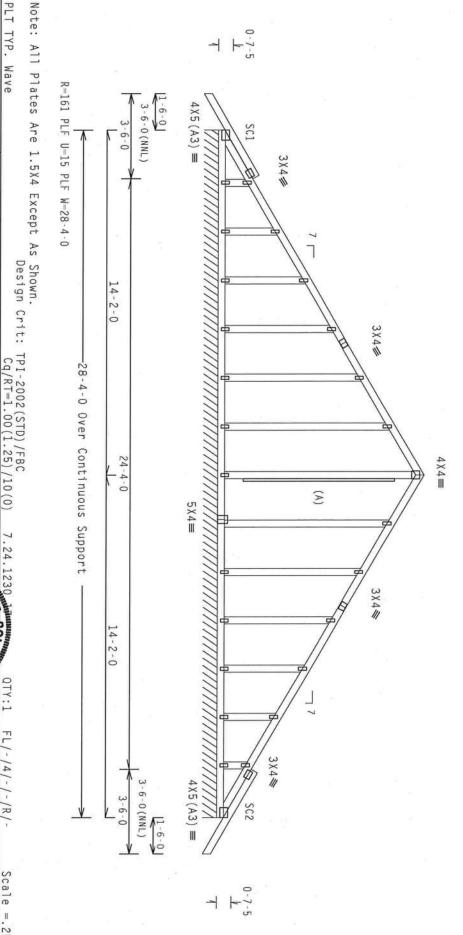
(A) 1x4 SP #3 or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Wind reactions based on MWFRS pressures.

See DWGS All015EE0207 & GBLLETIN0207 for more requirements

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



PLT TYP.

Wave

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

DRAWING INDICATES

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FARRECKITHG, INADULAG, SUPPIGE, 18TALLING & BRACHING OF TRUSSES, DESIGN CONFIGENS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFWA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/18/1604 (M.H/SS/K) ASTH ASS) GAMY. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERISE LOCATED ON THIS DESIGN, POSITION PER DRAWNORS 160A-Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A 3 OF TPIL-2002 SEC. 3. A SEAL ON THIS

CORIOR

SPACING

SEE ABOVE

JREF -

1T8C8228Z03

DUR.FAC. TOT.LD.

1.25

40.0

BC LL

0.0 PSF

HC-ENG

SSB/AP 21544

BC DL TC DL TC LL

10.0 PSF

DRW HCUSR8228 07170002

10.0 20.0

DATE REF

06/19/07 34736

PSF PSF

FL/-/4/-/-/R/-

Scale = .25"/Ft. R8228-

WARNING RUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BESS! (BUILDING COMPONIENT SAFETY INFORMATION), PUBLISHED BY PFI (TRUSS PLATE INSTITUTE, 228
MORTH LEE STREEE, SUITE 312, ALEXANDRIA, VA, ZEZIA) AND HTCA (MOOD TRUSS COUNCIL OF AMERICA, 6300
ERIEEPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

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

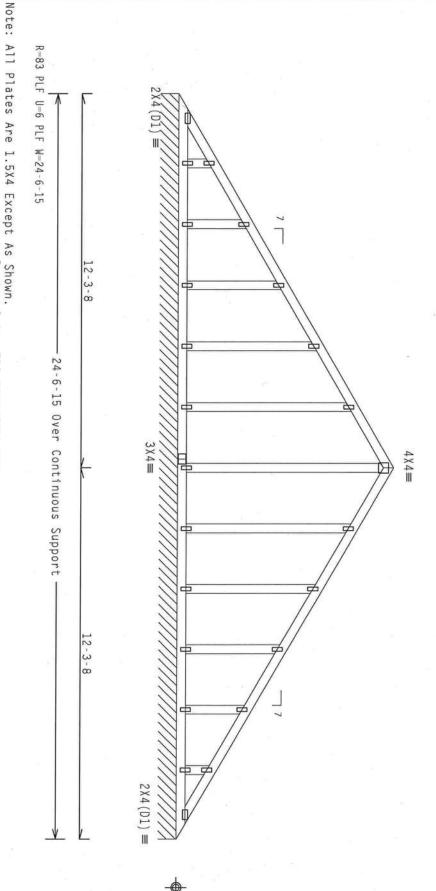
Wind reactions based on MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

See DWG VALTRUSS0207 for valley details.



PLT TYP. Wave

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

7.36.0424

TC DL

10.0 PSF 20.0 PSF

DATE

06/19/07

REF

Scale =.3125"/Ft. R8228- 34737

10.0 PSF 0.0 PSF PSF

DRW HCUSR8228 07170015

TC LL

FL/-/4/-/-/R/-

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BUT FT (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREIT, SUITE 312, ALEXANDRIA, VA., 22314) AND NICA (MODO TRUSS COUNCILS NAMERICA, 6300 ENTERPRISE LANE, MAISSON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE

Haines City, FL 33844

or Conficate of Authorization # 647 **IMPORTANT***UBBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE RUSS IN COMPORMANCE WITH TPI: OR FARBICATHO. MANDIJAG, SHEPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, DY ALENA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/1/6GA (M.H/SS/K) ASTM A653 GRADE 40/60 (W. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OFHERWISE LOCATED ON THIS DESIGN, POSITION FREE DAMAINGS AGA-Z. DRAWING INDICATES ACC DESIGN SHOWN. THE S BUILDING DESIGNER PER OUTSIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. THE PROFISE OF ANY STEEL APPLY JIGGA (W.H./YSS) GALY. STEEL APPLY JIGGA (W.H./SS) GALY. STEEL APPLY OURLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DUNAHING 160A-Z. BY (I) SHALL BE PER ANNEX AS OF TPI1-2002 SEC. J. A SEAL ON THIS POSITION FOR THE THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE

CORIO SIATE BC LL BC DL DUR.FAC. SPACING TOT.LD.

40.0

SEQN-

HC-ENG

JB/AP 32388

24.0"

JREF -

1T8C8228Z03

1.25

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Note: All Plates Are 1.5X4 Except As Shown. Wind reactions based on MWFRS pressures PLT TYP. Wave Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ (7-095--Fill in later Haines City, FL 33844
Haines City, FL 33844

"I — ificate — haines City and haines City and haines City and haines are a second and haines are a secon R=83 PLF U=6 ALPINE PLF DAVE BENTON --W-22-6-15 BE RESPONSIBLE FOR ANY DEVALUED FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUED FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPONENCE WITH THE TET: OR FARRICATING, MANDLING, SHIPPING, INSTALLING & BRACILING OF TRUSSES, INC COMPONENCE WITH APPLICABLE PROVISIONS OF HOS GNATIONAL DESIGNS SPEC, BY AFAFA, AND TET. ITW BCG COMMERCIORS PLATES ARE NOW OF PADIESS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER BRAHMOS 160A-Z, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER BRAHMOS 160A-Z, ANY HIS DESIGN SHOWN. THE SULTABLE PLATE OF THE PRESENCE OF PROFESSIONAL ENGLINE PER ARXY AS OF FETL-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SULTABLE PER ARXY AS OF FETL-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SULTABLE PER ARXY AS OF FETL-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SULTABLE PER ARXY AS OF FETL-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SULTABLE PER ARXY AS OF FETL-2002 SEC.3. A PROPERLY ATTACHED RIGID CEILING. 11-3-8 Design Crit: V2) 22-6-15 Over Continuous Support TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4×4= 3 \ 4 = See DWG VALTRUSS0207 for valley details. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 11 - 3 - 8QTY:1 BC DL SPACING DUR.FAC. BC LL TC DL TC LL 2X4(D1) = TOT.LD. FL/-/4/-/-/R/-40.0 20.0 10.0 PSF 10.0 PSF 24.0" 1.25 0.0 PSF PSF PSF DATE REF SEQN-DRW HCUSR8228 07170016 JREF -HC-ENG Scale = .3125"/Ft. R8228- 34738 1T8C8228Z03 JB/AP 32393 06/19/07

Haines City, FL 33844
FL Corrificate of Ambarization # 567

DESIGN SHOWN. THE S BUILDING DESIGNER PER

Z SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT G IS THE RESPONSIBILITY OF THE

DUR.FAC.

1.25

SPACING

JREF -

SPACING

24.0"

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24.0"

JREF -

PLT TYP. Note: All Plates Are 1.5X4 Except As Shown. Wind Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-095--Fill in later DAVE BENTON --Haines City, FL 33844 FL Certificate of Authorization # 567 iTW Building Components Group, Inc. Haines City, FL 33844 p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP reactions based on MWFRS pressures R=83 PLF U=5 ALPINE Wave #2 Dense #2 Dense #3 PLF W=12-6-15 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FARREACTING, HANDLING, SHEPPING, INSTALLING & BRACTING OF TRUSSES.

ITH BCG. DESIGN CONFORMS WITH APPLICABLE PROPUSIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITH BCG. CONNECTOR PLATES ARE MADE OF 20/18/160A (M.H/SS/R) ASTH AGS) GAM. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE COLARED ON THIS DESIGN, POSITION PER DRAHINGS 160A. Z. PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE COLARED ON THIS DESIGN, POSITION PER DRAHINGS 160A. Z. PLATES TO LACHE FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPII-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES A PROPERLY ATTACHED RIGID CEILING *WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BULLDING COMPONENT SAFETY IMPORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 5375) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE INCICIONS. DULESS OTHERWISE INDICATED TOP CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE 中 -3-8 Design Crit: 12-6-15 Over Continuous Support TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4×4= ф 中 See DWG VALTRUSS0207 for valley details. In lieu of structural panels or brace TC @ 24" OC, BC @ 24" OC. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 6-3-8 4 CORIDE ייונט טאש דאפראאפט דאטיי נטיידטופא נוידטו (בטאט & טואפאטנטאט) טטטאנוובט פר ואטטט ארא. 2X4(D1) =rigid ceiling use purlins to BC DL DUR.FAC. BC C TC LL TOT.LD. FL/-/4/-/-/R/-PL 40.0 10.0 10.0 1.25 20.0 PSF 0.0 PSF PSF PSF PSF SEQN-DATE REF HC-ENG DRW HCUSR8228 07170021 Scale = .5"/Ft. R8228- 34743 JB/AP 32416 06/19/07

SPACING

24.0"

JREF -

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

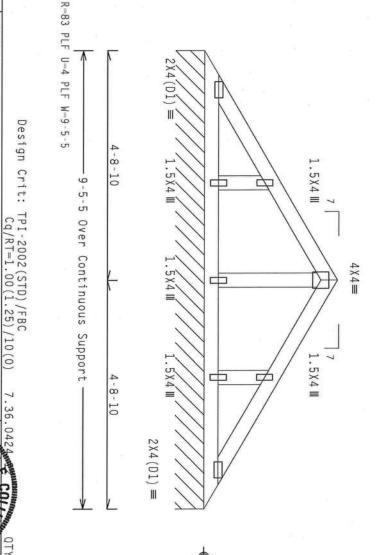
Wind reactions based on MWFRS pressures

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

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

See DWG VALTRUSS0207 for valley details.



MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAIL EXITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, MA, 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANK, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ENUCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ENTERPRISE LANE, MADISON, WI 53: OTHERWISE INDICATED TOP CHORD SHAI A PROPERLY ATTACHED RIGID CEILING

PLT TYP.

Wave

Haines City, FL 33844
Ft Corrificate of Authorization # 567 **IMPORTANT**FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, FAR Y FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PILOR FARRICATING, INADULING, SHEPPING, INSTALLING A BRACING OF TRUSSES, DESIGN COMPORES WITH APPLICABLE PROVISIONS OF THOS ON SOME SECOND AFTER ARE ADDED TO TENTAL PROVISIONS OF THIS DESIGN SECOND AFTER ARE ADDED TO TENTAL PROVISIONS OF THIS SECOND AFTER ARE ADDED TO THE BCG CONNECTOR PACES ARE ADDED TO TENTAL SOME ADDED TO THE BCG CONNECTOR ARE ADDED TO THE SOME ADDED TO THE SECOND ATTAINS AND THIS SOME ADDED TO THE THIS COMPONENT FOR THIS DESIGN, POSITION OF EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION AS SEAL ON THIS DRAWINGS INCOMPONENT FOR THE SOURCE ADDED TO THE TRUSS COMPONENT FOR THE SOURCE ADDED THE TRUSS COMPONENT FOR ANY HISTORIAGE ADDED TO THE TRUSS COMPONENT FOR ANY HISTORIAGE ADDED TO THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGL DESIGN SHOWN. THE SUITABILITY AND USE OF THIS OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

un WONAL ENGINE SPACING DUR.FAC. TOT.LD.

BC LL BC DL TC DL

0.0 PSF

HC-ENG

JB/AP 32420

40.0 1.25

PSF

SEQN-

24.0"

JREF -

1T8C8228Z03

TC LL

10.0 20.0

PSF PSF

DATE REF

06/19/07 34744

10.0 PSF

DRW HCUSR8228 07170022

FL/-/4/-/-/R/-

Scale = .5"/Ft. R8228-

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

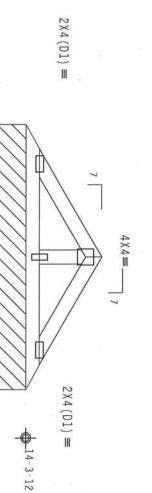
Wind reactions based on MWFRS pressures

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

110 mph wind, 15.25 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/ $^{\prime}$)=0.18

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC. BC @ 24" OC.

See DWG VALTRUSS0207 for valley details.



R-83 PLF U-3 PLF W-5-5-5 5-5-5 Over Continuous Support -2-8-10 2-8-10

.5 × 4 iii

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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE CYTEME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY IMPORNATION), PUBLISHED BY TH (TRUSS PLATE INSTITUTE, 2218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA, 22314) AND HTCA (1000) TRUSS COUNCIL OF AMERICA, 6300 ERTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO FORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN, ANY FALLURE FOR BUILD THE TRUSS IN COMPONENCE WITH FPI; OR FAREICKING, MANDING, SHEPPING, INSTALLING & BRACLING OF TRUSSES.

DESIGN CONFIGNES WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITH BCG CONNECTOR THATES ARE MADE OF 20/18/19/16A (M. HISSY) ASTA ASS. GRADE 40/60 (M. K.H.SS) GALV. STEEL, APPLY LATES TO EACH FACE OF TRUSS, AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRAMHINGS ISGA-Z, ANY HISSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIMER AS OF FPI1-2002 SEC. 3. A SEAL ON THIS DEATH OF THE STEEL APPLY ANY HISSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIMER AS OF FPI1-2002 SEC. 3. A SEAL ON THIS DESIGN SHORT. THE BUILTABLILTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

ALPINE

7.36.0424 dun CORIDA BC LL BC DL DUR.FAC. TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF

PSF

SEQN-HC-ENG

32424

JREF -

1T8C8228Z03

DATE REF

06/19/07

34745

Scale =.5"/Ft. R8228-

DRW HCUSR8228 07170023

JB/AP

VALLEYTRUSS DETAIL

TOP CHORD CHORD 2X3(*) OR 2X4 2X4 SP #3 OR 2X4 SP #2 OR SPF #1/#2 OR BETTER SP #2N OR SPF #1/#2 OR BETTER BETTER.

- 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).
- * ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: ASCE 7-02 OR ASCE 7-05 130 MPH. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF. SBC 110 MPH, ASCE 7-93 110 MPH OR ASCE 7-98, (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING. EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0'

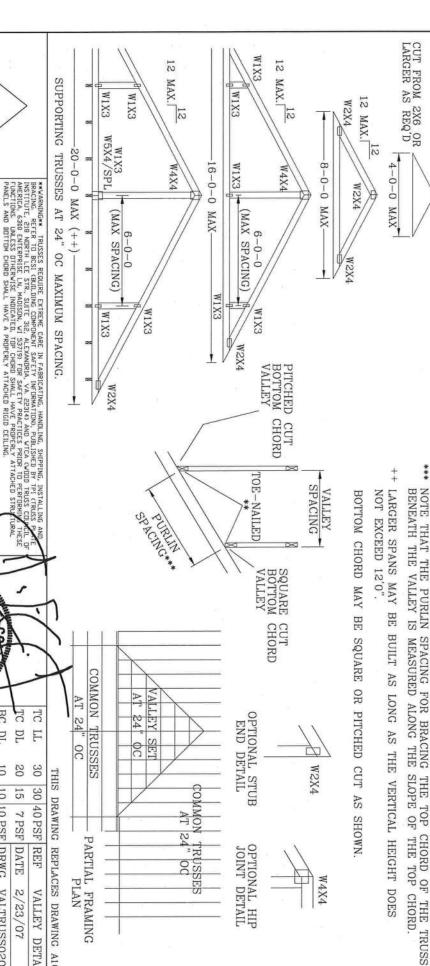
TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH: PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION

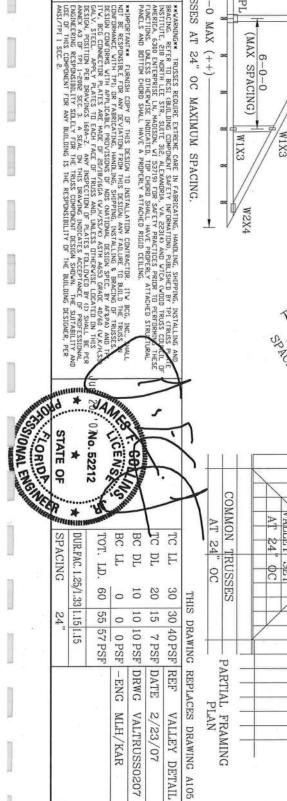
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON SEALED DESIGN

ENGINEERS' SEALED DESIGN

++ LARGER SPANS MAY BE BUILT AS NOT EXCEED 12'0" LONG AS THE VERTICAL HEIGHT DOES

W4X4

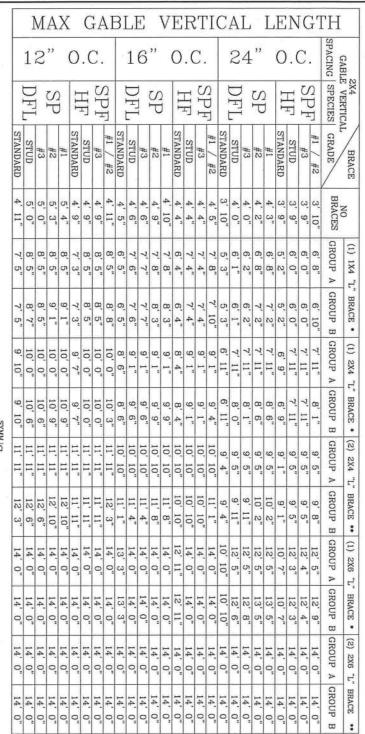


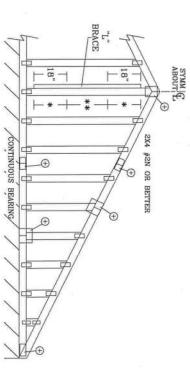


/TWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

ASCE 7-02: 110 MPH WIND SPEED 15 MEAN HEIGHT, ENCLOSED, 11 1.00, EXPOSURE





BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

OR DOUBLE CUT (AS SHOWN) AT UPPER END.

2X4 STUD, #3 OR BETTER DIAGONAL BRACE; SINGLE

MIDPOINT OF VERTICAL WEB.

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL

GABLE TRUSS

GABLE TRUSS DETAIL NOTES:

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, O PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER LIVE LOAD DEFLECTION CRITERIA IS L/240. CONTINUOUS BEARING (5 PSF TC DEAD LOAD). OR 12"

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

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

IN 18" END ZONES AND 6" O.C. BETWEEN ZONES MEMBER LENGTH. BRACING MUST BE A MINIMUM OF 80% OF WEB

REFER TO COMMON TRUSS DESIGN FOR	REATER THAN 11' 6" 2.5X4	REATER THAN 4' O", BUT 2X4	SS THAN 4' 0" 1X4 OR 2X3	VERTICAL LENGTH NO SPLICE	GABLE VERTICAL PLATE SIZES
N FOR	X4	2	R 2X3	PLICE	ES

SPACING 24.0"	TOT. LD. 60 PSF				
0"	YSF	-ENG	DRWG.	DATE	REF
1 1			DRWG A11015EE0207	2/23/07	ASCE7-02-GAB11015

REFER TO CHART ABOVE FOR MAX GABLE VENTICAL

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING. REFER TO BESI CHUILDING COMPONENT SAFETY INGRAMATION, PUBLISHED BY TPI CTRUSS INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANIRIA, VA. 22314) AND VTCA CYCOD TRUSS COUNTRIVES, 218 NORTH LEE STR., SUITE 312, ALEXANIRIA, VA. 22314) AND VTCA CYCOD TRUSS COUNTRIVES COUN

munimum ★ 25/2 7 07No. 52212

WHORDENAITS—FURNISH CORY OF THIS DESIGN TO INSTALLATION CONFERENCING. IT WERE, INC. MIN. AND INC. MIN. AND INC. MIN. AND INC. MIN. AND INC. SHEPPING. DESIGN, ANY FAILURE TO BRILD THE BEG., INC. MIN. AND INC. SHEPPING. DESIGN, ANY FAILURE TO BRILD THE TRUSSE TO SHEPPING. SHEPPING. WHICH AND INC. MIN. AND INC. SHEPPING. WHICH AND INC. MIN. AND INC. MIN

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

STATE OF LORIDE MAX.

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ER THAN 4' O', BUT	'HAN 4' 0"	RTICAL LENGTH	E VERTICAL PLATE SIZES
BUT			PLA
	1X4	NO	E
2X4	OR	NO SPLICE	SIZE
	1X4 OR 2X3	ICE	Š

0 0 5

GROUP SPECIES GROUP A: AND

GRADES:

BRACING

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

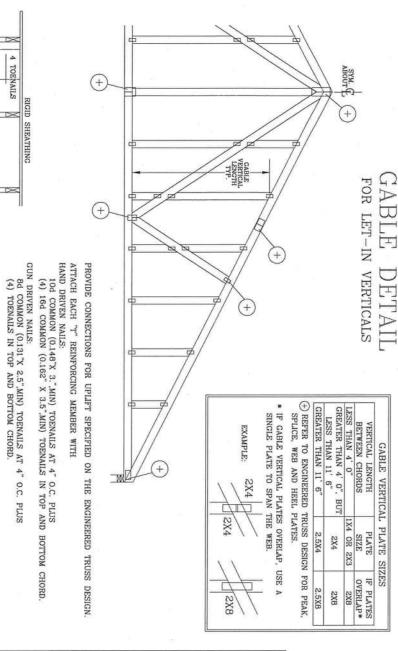
SOUTHERN PINE #3

DOUGLAS FIR-LARCH
#3
STUD
STANDARD #3 STANDARD HEM-FIR 2 STUD STANDARD

GROUP B

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

PLYWOOD OVERHANG.



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

"T"
REINFORCINGMEMBER

TRUSS

TOENAILS SPACED AT 4" O.C.

SCE 7-93 GABLE DETAIL DRAWINGS

ASCE 7-98 GABLE DETAIL DRAWINGS A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207 A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207

ASCE 7-02 GABLE DETAIL DRAWINGS A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207 A08530EC0207

ASCE 7-05 GABLE DETAIL DRAWINGS A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A1030EE0207, A08530EE0207, A1030EE0207, A1030EE02

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SECCI A13030E50207, A12030E50207, A11030E50207, A10030E50207, A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207 A08530E50207

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

4 TOENAILS

CEILING

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA ALPINE

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATING, HADILING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI CBUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY FPI CITRUSS PLATINSTITUTE, 218 NORTH LEE SIR, SUITE 312, ALEXANDRIA, VA. 22314) AND VTCA (VOODD TRUSS COUNCY AMERICA, 4500 ENTERRISE LN, MADISIN, VI 53719) FID8 SAFETY PRACTICES PRIDE TO PERCHANDA METUNITIONS. UNLESSES DIFFERESE INDICATED, TIP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTORAL PANELS AND BOTTOM CHORD SHALL HAVE PADEFERY ATTACHED STRUCTORAL PANELS AND BOTTOM CHORD SHALL HAVE PADEFERY ATTACHED STRUCTORAL

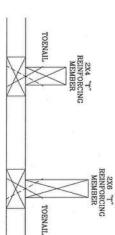
WHIPERFANIX FURNISH COPY OF THIS DESIGN TO INSTALLATION CONFECTION. IT WERE AND SYMMETH SECTION OF THE DISCONNECTION OF THE SILE THE ANY SECTION OF THIS DESIGN ANY FAILURE TO BRILD HE FRIEND FER TRANSFER OF THE SILE OF TRANSFER OF TRA

O'ONAL ENGINE

STATE OF

MAX SPACING

24.0"



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

WEB LENGTH INCREASE W/ T" BRACE

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

WIND SPEED "T" REINF.

30 FT	70 MPH	15 FT	70 MPH	30 FT	80 MPH	15 FT	80 MPH	30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 MPH	30 FT	110 MPH	15 FT	110 MPH	AND MRH
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	MBR. SIZE												
10 %	10 %	0 %	0 %	20 %	20 %	2 01	10 %	30 %	10 %	20 %	20 %	40 %	10 %	30 %	10 %	50 %	10 %	40 %	10 %	SBCCI
30 %		20 %	20 %	40 %	10 %	30 %	20 %	50 %	10 %	40 %	10 %	40 %	10 %	50 %	10 %	50 %	2 01	50 %	10 %	ASCE

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ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24" O.C. SP #3 MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 \times 6' 7" = 7' 3" "T" BRACE INCREASE (FROM ABOVE) = 10% = (1) 2X4 "L" BRACE LENGTH = 6' 7" "T" REINFORCING MEMBER SIZE = 2X4 1.10

PRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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DUR	MAX				
DUR FAC	MAX TOT. LD. 60 PSF				
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ANY	60				
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_		_			

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T628228Z0329161906

Truss Fabricator: Anderson Truss Company

Job Identification: REPAIR/5-388

Truss Count: 2

Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-1995 (STD) /FBC

Engineering Software: Alpine Software, Version 7.25.

Structural Engineer of Record: The identity of the structural EOR did not exist as of Address: the seal date per section 61615-31.003(5a) of the FAC

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-98 -Closed

Notes:

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

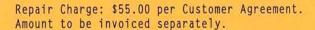
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: A11015EC-GBLLETIN-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	97905 R	EPAIR-AGE	07088072	03/29/07
2	97905J	B / 53271AT	07088073	03/29/07

Seal Date: 03/29/2007

-Truss Design Engineer-Arthur R. Fisher Florida License Number: 59687 1950 Marley Drive Haines City, FL 33844





This truss is repaired to stub shown. 10-0-0 off left end of truss

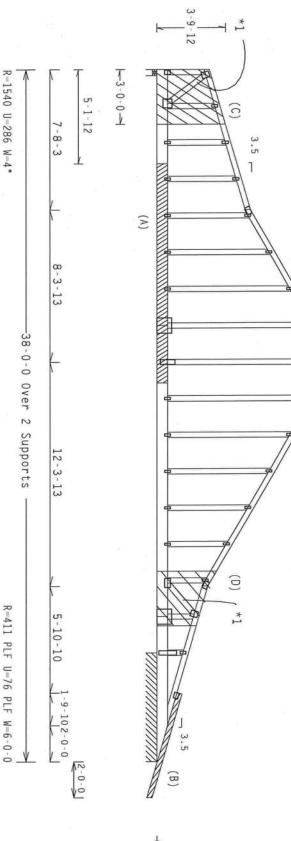
Refer to drawing HCUSR8228 05250087 for plates and other data not given here.

Repair(s) must comply with Alpine designs & specifications

Shore Truss and any supported spans in proper position as repair is being made.

- (1)2x4 SP #2 OR BETTER CUT-TO-FIT FIELD-INSTALLED MEMBER TO BE ADDED AS SHOWN INTO PLANE OF TRUSS.
- E (1) 2X8X 12-0-0 SP#2 SCAB: ATTACH TO ONE FACE OF TRUSS WITH 10d COMMON(0.148"X3.0") NAILS @ 3"OC WITHOUT SPLITTING LUMBER.
- (B) LUMBER. (1) 2X4X FULL LENGTH SP#2 SCAB; ATTACH TO ONE FACE OF TRUSS WITH 10d COMMON(0.148"X3.0") NAILS @ 3"OC WITHOUT SPLITTING
- AND ATTACH WITH 0.113x2.0"(6d COMMON)NAILS AT 2" O.C.INTO EACH MEMBER THROUGHOUT.
 MATCH NALING CALLED OUT FOR INTERIOR FACE ON EXTERIOR FACE. 3 (1) 1/2"(NOM.)x3-0-0 x3-9-12 APA 32/16 RATED SHEATHING (PLYWOOD OR OSB) GUSSETS REQUIRED. ONE GUSSET TO INTERIOR FACE LOCATED AS SHOWN APPLY
- 9 (1) 1/2"(NOM.)x3-0-0 x3-3-14 APA 32/16 RATED SHEATHING (PLYWOOD OR OSB) GUSSETS REQUIRED. APPLY ONE GUSSET TO INTERIOR FACE LOCATED AS SHOWN, AND ATTACH WITH 0.113x2.0"(6d COMMON)NAILS AT 2" 0.C.INTO EACH MEMBER THROUGHOUT.

MATCH NALING CALLED OUT FOR INTERIOR FACE ON EXTERIOR FACE 9 3.5



8-0-0

Note: All Plates Are 1.5X4 Except As Shown

TYP.

Wave TPI

Design Crit: TPI-1995(STD)/FBC

25.

EENSE

FL/-/4/-/-/R/-

DATE

03/29/07 97905

REF

Scale =.1875"/Ft. R8228-

TRUSS REPAIR

Haines City, FL 33844 ALPINE REPORTED BY THE REPAIR WORK SHOWN

AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PRUDENT SOLUTION IS TO SCRAP
THE DAMAGED TRUSSES AND REBUILD. INTERNAL MOOD FIBER DAMAGE AND EXCESSIVE CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REBUILD. IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE READILY DETECTED. THEREFORE, DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE

AND VERIFY THAT REPAIRS HAVE BEEN PERFORMED AS INDICATED ON THIS DRAWING. INSPECTOR SHALL CHECK TRUSSES TO DETERMINE THE EXTENT OF ANY FURTHER DAMAGE. IF ANY TRUSS MANUFACTURER TO HAVE BEEN DAMAGED. ON THIS DRAWING APPLIES ONLY TO THOSE SECTIONS OF THE TRUSS A QUALIFIED THIRD PARTY

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

SEQN-

HC-ENG

JB/AF 91304

DRW HCUSR8228 07088072

JREF -

1T628228Z03

This truss is repaired to stub left end of truss as shown.

Refer to drawing HCUSR8228 05250089 for plates and other data not given here.

Repair(s) must comply with Alpine designs & specifications

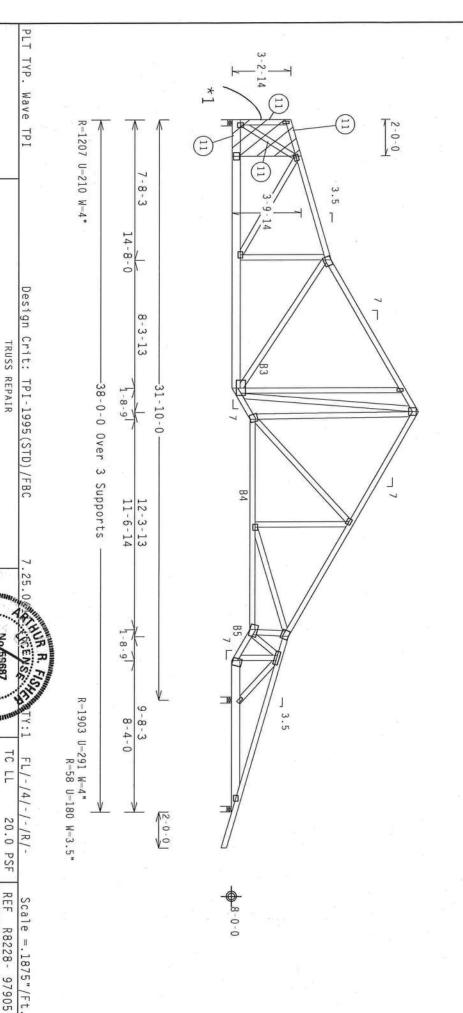
Shore Truss and any supported spans in proper position as repair is being made.

THIS REPAIR IS ALSO GOOD FOR THE FOLLOWING TRUSSES:

TRUSS:A, DRW # HCUSR8228 05250088

(A) (2) 1/2"(NOM.)x2-0-0 x3-9-14 APA 48/24 RATED SHEATHING (PLYWOOD OR OSB) GUSSETS REQUIRED. APPLY ONE GUSSET TO EACH FACE LOCATED AS SHOWN.
AND ATTACH WITH 0.113x2.0"(6d COMMON)NAILS AS SHOWN BY NAIL CIRCLES.

*1 (1)2x4 SP #2 OR BETTER CUT-TO-FIT FIELD-INSTALLED MEMBER TO BE ADDED AS SHOWN INTO PLANE OF TRUSS.



Haines City, FL 33844

REPAIR WORK SHOWN ON THIS DRAWING APPLIES ONLY TO THOSE SECTIONS OF THE TRUSS REPORTED BY THE TRUSS MANUFACTURER TO HAVE BEEN DAMAGED. A QUALIFIED THIRD PARTY INSPECTOR SHALL CHECK TRUSSES TO DETERMINE THE EXTENT OF ANY FURTHER DAMAGE, IF ANY,

AND VERIFY THAT REPAIRS HAVE BEEN PERFORMED AS INDICATED ON THIS DRAWING.

AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PRUDENT SOLUTION IS TO SCRAP THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FIBER DAMAGE AND EXCESSIVE

DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE

*

10.0 PSF

DATE

03/29/07

TC DL BC DL

10.0 PSF 0.0 PSF

DRW HCUSR8228 07088073

JB/AF 91314

DUR.FAC.

TOT.LD.

40.0

PSF

HC-ENG SEQN-

SPACING

1.25

JREF -

1T628228Z03

CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE READILY DETECTED. THEREFORE, IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE

CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REBUILD.

ALPINE

ASCE 7-98: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, П 1.00, EXPOSURE

	1	M 2	7000		_	.(AΕ		1	266.	,,		0	. (٦.			2	4	,,		0	. (3		SPACING	GAR
,			().	j	TII	디디	ひてコ	i i	,	<u> </u>		() T	j	TIL	I I I	ひてュ	ב ב ב	1	<u> </u>)	TIL	I, I	ひてロ	2	SPECIES	GABLE VERTICAL
STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	/
4' 11"	5' 0"	5' 0"	5' 3"	5' 4"	4' 9"	4' 9"	4' 9"	4' 11"	4' 5"	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"	4' 4"	4' 4"	4' 5"	3' 10"	4' 0"	4' 0"	4' 2"	4' 3"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	NO
7' 5"	8, 5,"	8' 5"	8, 5,	8' 5"	- 57	8, 5,	8' 5"	8' 5"	6' 5"	7' 6"	7' 7"	L5	7' 8"	6' 4"	7' 4"	7' 4"	7' 8"	ڻ دي	6' 1"	6' 2"	6' 8"	6' 8"	5' 2"	6' 0"	6' 0"	6' 8"	GROUP A	
7' 5"	8' 7"		9' 1"	9' 1"	7' 3"		8' 5"	8' 8"	6' 5"	7' 6"		1.5	8' 3"	6, 4,	7' 4"	1 5	7' 10"	5' 3"	6' 1"	6' 2"	7' 2"	7' 2"		6'0"	6' 0"	6' 10"	GROUP B	
9' 10"	-	10' 0"	10' 0"	10' 0"	9' 7"	10' 0"		10' 0"	8' 6"	183	9' 1"	1-3	9' 1"	8' 4"	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	
9' 10"	10′ 6″	10' 6"	10' 9"	10' 9"	9' 7"	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8' 0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	The same of the sa
11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"		10' 10"	10' 10"	10' 10"	9' 4"	9' 5"	9' 5"	9' 5"	9' 5"	9' 1"		9' 5"	9' 5"	GROUP A	
12' 3"	12' 6"	100	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11' 1"	9' 4"	9' 11"	2-34	10' 2"	10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	Charles Consum
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	111111	14' 0"	100		14' 0"	14' 0"	10' 10"	12' 5"	2.55	1000	12' 5"			12' 4"	-	GROUP A	
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12' 6"	12' 8"	13' 5"	13' 5"	10' 7"	12' 3"		12' 9"	GROUP B	
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"		14' 0"	14' 0"	14' 0"		14′0″		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	GROUP B GROUP A GROUP	***
14' 0"	14' 0"	14' 0"		14' 0"			14' 0"			14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	GROUP B	

BOUGLAS FIR-LARCH #3 STUD

SOUTHERN PINE
#3
STUD
STANDARD

STANDARD

GROUP B:

#1 & BTR

#1 / #2 STANDARD
#3 STUD

#3

STANDARD

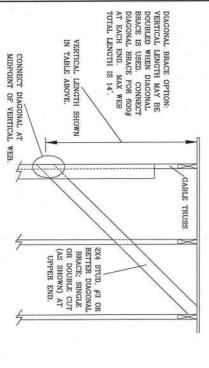
STUD

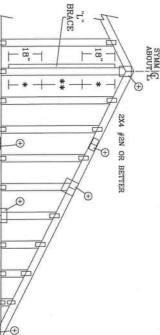
BRACING GROUP SPECIES AND GRADES:

GROUP

A.

HEM-FIR





-	
GABLE	
TRUSS	
DETAIL	
NOTES:	
	TRUSS DETAIL NO

SOUTHERN

PINE

DOUGLAS FIR-LARCH

#2

GABLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" LIVE LOAD DEFLECTION CRITERIA IS L/240. PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER PLYWOOD OVERHANG. CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

- ATTACH EACH "L" BRACE WITH 10d NAILS.

 * FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
 IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

 ** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES
- MEMBER LENGTH. "L" BRACING MUST BE A MINIMUM OF 80% OF WEB

REFER TO COMMON TRUSS DESIGN FOR	GREATER THAN 11' 6"	GREATER THAN 4' O", BUT LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
DESIGN FOR	2.5X4	2X4	1X4 OR 2X3	NO SPLICE	E SIZES

PEAK, SPLICE, AND HEEL PLATES.

BRACHING. REFER TO BESS (BUILDING ODEPDIKIN SAFETY NETBORATION, DUBLISHED BY FIP ITEMS AND BRACHING FOR THE SUITABLE STRENGTON FOR STREET STRE
- Marie 11.

REFER TO CHART ABOVE FOR MAX PABLE VERTICAL LENGTH.

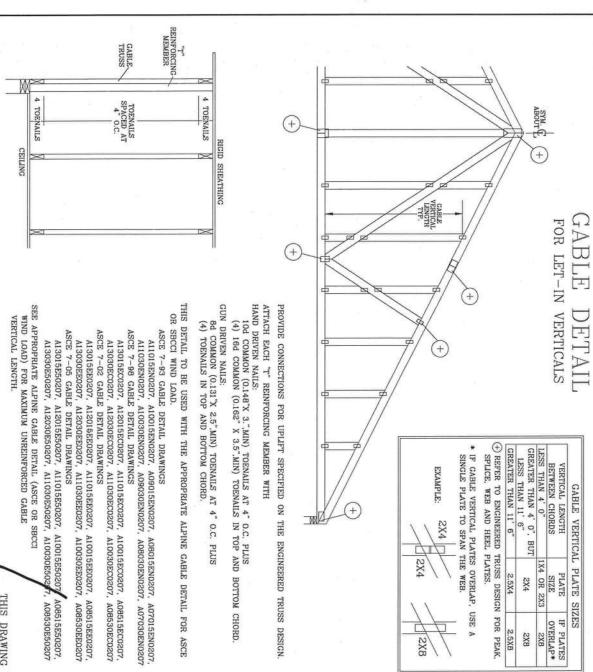
CONTINUOUS BEARING

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

CENS OHOP ATE OF REINER MAX. MAX. TOT. SPACING ED. 24.0"

60 PSF DRWG DATE REF A11015EC0207 2/23/07 ASCE7-98-GAB11015



TOENAIL 2X4 "T" REINFORCING MEMBER 2X6 "T"
REINFORCING
MEMBER TOENAIL

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

WEB LENGTH INCREASE W/ T" BRACE

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

30 FT	70 MPH	15 FT	70 MPH	30 FT	80 MPH	15 FT	80 MPH	30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT		30 FT	110 MPH	15 FT	110 MPH	WIND SPEED AND MRH
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	"T" REINF. MBR. SIZE
10 %	10 %	0 %	0 %	20 %	20 %	10 %	10 %	30 %	7 01	20 %	20 %	40 %	10 %	30 %	10 %	50 %	10 %	40 %	2 01	SBCCI
30 %	20 %	. 20 %	20 %	40 %	10 %	30 %	20 %	50 %	10 %	40 %	10 %	40 %	10 %	50 %	10 %	50 %	10 %	50 %	10 %	ASCE

EXAMPLE:

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10 (1) 2X4 "L" BRACE LENGTH = 6' 7" GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4 ASCE WIND SPEED = 100 MPH MEAN ROOF HEIGHT = 30 FT MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ONAL ELEMENT	ORIO	TATE OF E	******	A	CENSON	A R. F.
MAX	DUR	MAX				
MAX SPACING	DUR. FAC.	TOT.				
CING		LD. 60 PSF				
	ANY	60				
24.0"		PSF				
			-ENG	DRWG	DATE	REF
			-ENG DLJ/KAR	GBLLETIN0207	2/23/07	LET-IN VERT

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

WHEREKANIWA FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTIOR. ITY BCG, INC., SHALL

OUNTBEHANCE VITH 1PI DR FARRICATING FOR HIS DESIGN ANY FALLING E BRACING OF TRUSSES.

DESIGN CONNECTIOR PLATES ARE MADE OF PROVISIONS OF NUS CANTITUMA. DESIGN SPEC, BY AREAD AND PPI,

THY, BCG CONNECTIOR PLATES ARE MADE OF PROVISIONS OF NUS CANTITUMA. DESIGN SPEC, BY AREAD AND PPI,

THY, BCG CONNECTIOR PLATES OF EACH ON THIS DRAVING WITH AGES GRADE 40/60 V/K/H/SS)

GAV, STELL, APPLY PLATES TO EACH FACE OF PRUSS AND DIVINESS OTHERWARE LOWED ON THIS

DESIGN, POSITION FOR DRAVINGS 160A-P2. ANN THIS DRAVING WITH SPECIAL SPEC, BY AREAD AND THIS

ENGINEERING RESPONSIBILITY SOLICIY FOR THE TRUSS COMPONENT DESIGN SHOWN THE SUITABILITY AND THE SUITABILITY AND THE SUITABILITY AND THE TRUSS COMPONENT SECRETARY.

ANNEX AS OF THE 1-2002 SEC. 3 A SEC. ON THIS DRAVING WITH SUITABILITY AND THE PROVINCE OF THE SUITABILITY AND THE PROVINCE OF THE PROVINCE OF THE SUITABILITY AND THE SUITABILITY AND THE PROVINCE OF THE SUITABILITY AND THE PROVINCE OF THE SUITABILITY AND THE SUITABILITY AN

AVARNINGS TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (BUILDING GOPPINENT SAFETY INFORMATION, PUBLISHED BY TPI CTRUSS PLATE INSTTUTE, 218 NDRTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22340 AND VTCA (VOIDD TRUSS CIDNOIL OF AMERICA, 6300 ENTERPRISE LN, HADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNESS OTHERWISE NOTICEMED. THO PERFORMING THESE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

ALPINE

WEB BRACE SUBSTITUTION

IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED. THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB)

NOTES

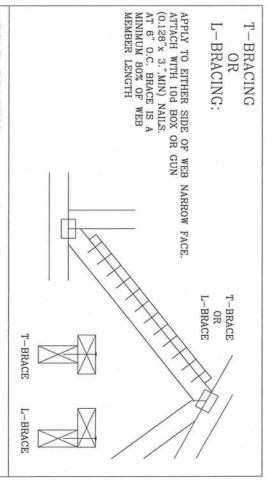
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. BRACING. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE

2X8	2X6	2X3 OR 2X4	WEB MEMBER
2X8	2X6	2X3 OR 2X4	SIZE
1 ROW	1 ROW	1 ROW	SPECIFIED CLB
2 ROWS	2 ROWS	2 ROWS	BRACING
2X6	2X4	2X4	T OR L-BRACE
2X6	2X6	2X6	
1-2X8	1-2X6	1-2X4	ALTERNATIVE BRACING
2-2X6(*)	2-2X4(*)	2-2X4	-BRACE SCAB BRACE

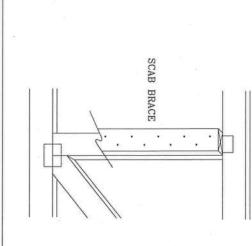
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

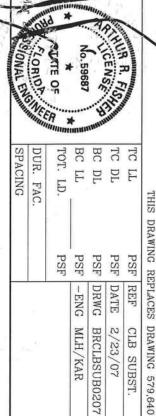
FACE OF WEB. CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH



SCAB BRACING:

80% OF WEB MEMBER LENGTH AT 6" O.C. BRACE IS A MINIMUM NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN APPLY SCAB(S) TO WIDE FACE OF WEB.





PSF PSF PSF PSF PSF DRWG -ENG DATE REF MLH/KAR BRCLBSUB0207 2/23/07 CLB SUBST.

AND THE RESPONSIBILE CIPA MAY DEVIATION FOR THE SPECIAL ATTON CONTRACTOR. IT Y BCG, INC., 3

NOT BE RESPONSIBLE CIPA MAY DEVIATION FORM THIS DESIGN AND FAILURE I BUILD THE FRISS. CONFORMANCE WITH APPLICABLE PROPERTIES FOR THE PROPERTIES OF THE STATE OF THE PROPERTIES OF THIS DEVIATOR OF THE STATE OF THE S

WARNING TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HAULDING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (GUILDING CORPONENT SAFETY INFORMATION, PUBLISHED BY TEI CTRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND "VICA CYODD TRUSS COUNCIL OP AMERICA, 6300 ENTERPRISE LN, HADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PEREDRHING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL

/TWBUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA ALPINE

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: 1T628228Z0229135500

Truss Fabricator: Anderson Truss Company

Job Identification: 7-095--Fill in later DAVE BENTON -- , **

Truss Count: 4

Model Code: Florida Building Code 2004 and 2006 Supplement

Truss Criteria: ANSI/TPI-2002(STD)/FBC

Engineering Software: Alpine Software, Version 7.24.

Structural Engineer of Record: The identity of the structural EOR did not exist as of

Address: the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: A11015EE-GBLLETIN-

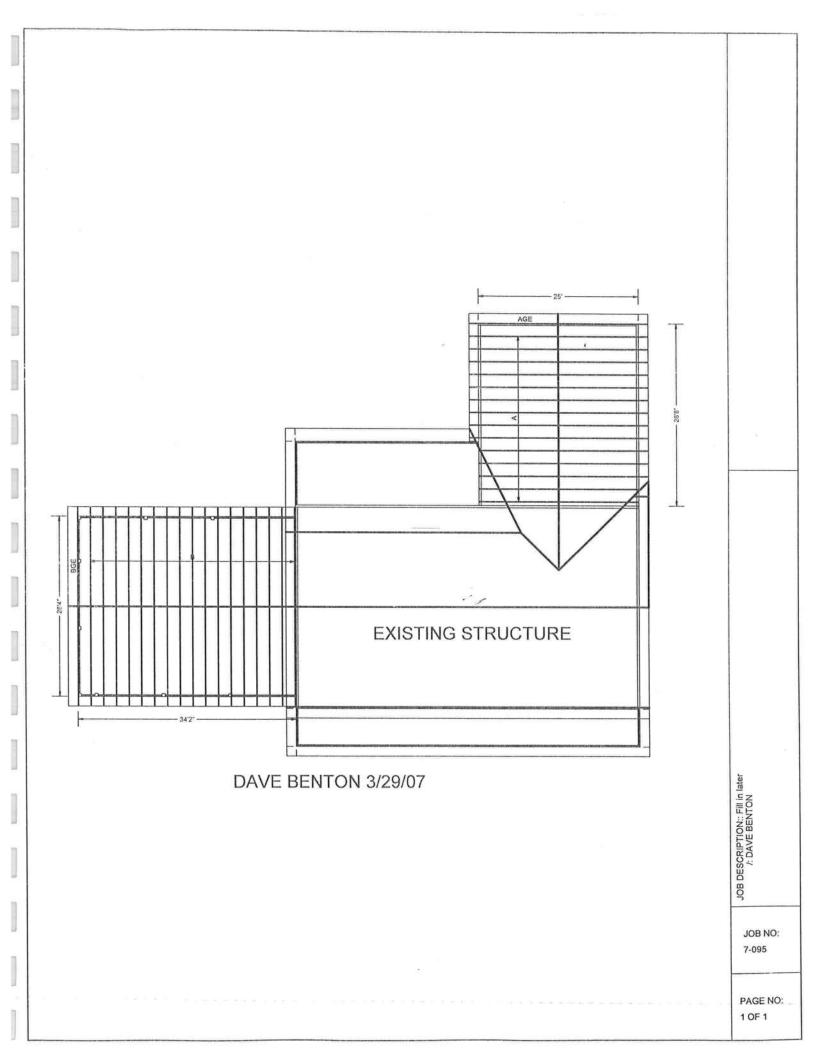
#	Ref Description	Drawing#	Date
1	97340 A	07088068	03/29/07
2	97341 AGE	07088069	03/29/07
3	97342B	07088070	03/29/07
4	97343BGE	07088071	03/29/07

THE.

Seal Date: 03/29/2007

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





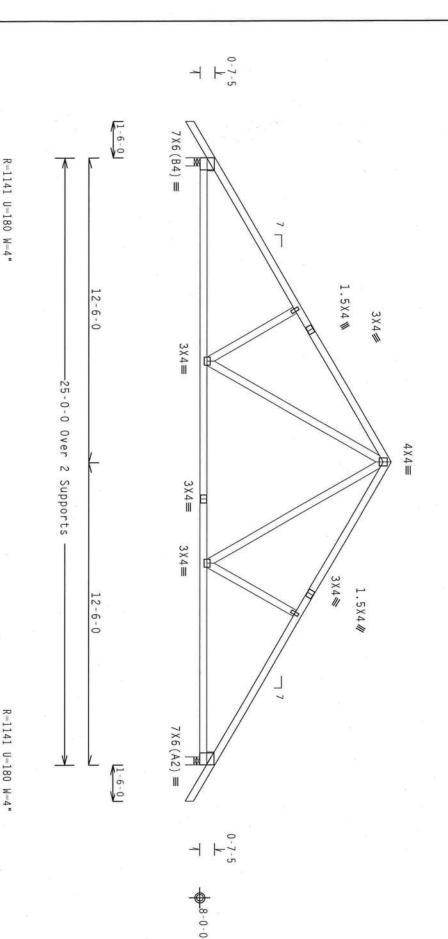
Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP #
:Lt Wedge 2x4 SP # SP #2 Dense SP #2 Dense SP #3::Rt Wedge 2x4 SP #3:

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$



MORTH LEE STREET, SUITE 312, ALEXA ENTERPRISE LAME, HADISON, WI 537 OTHERWISE INDICATED 10P CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. "***ARRINA*** RUUSSES REQUIRE EXTREME CARE IN SARRICATION, HANDLINE, SHIPPING, INSTALLING AND REACHD,
REFER TO RESE, GUNLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PEJ CHUSES PLATE HISTITUTE, 218
MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 27314) AND MTCA (MORD TRUSS COUNCIL OF MARRICA,
ESTREMENTSE LAME, MADISON, MI 33719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS
OTHERWISE MADISON, MI 33719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS
OTHERWISE MADISON, MI 33719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 1TW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOT THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FILL OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORED WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY ATRIA) AND FIL. ITW BCG COMMECTOR PLATES ARE MADE OF 20/18/166A (H.M/SS/X) ASTM A653 GRADE 40/60 (W. K/M.SS) GALY, STEEL, APPLY COMMECTOR PLATES ARE MADE OF 20/18/166A (H.M/SS/X) ASTM A653 GRADE 40/60 (W. K/M.SS) GALY, STEEL, APPLY COMMECTOR PLATES ARE MADE OF 20/18/166A (H.M/SS/X) ASTM A653 GRADE 40/60 (W. K/M.SS) GALY, STEEL, APPLY COMMECTOR PLATES OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHROS 166A-Z. DRAWING INDICATES

Haines City, FL 33844
FL 'sate of' zation" (7

zation " "

BUILDING DESIGNER PER ANSI/TPI 1 SEC.

ALPINE

ONSIBILITY SOLELY FOR THE TRUSS COMPONENT CORIDA BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. 40.0 PSF 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 1.25 0.0 PSF

JRFF-

1T628228Z02

SEQN-

21536

HC-ENG SSB/AP DRW HCUSR8228 07088068 QTY:14 FL/-/4/-/-/R/-

Scale = .25"/Ft.

R8228- 97340

DATE REF

03/29/07

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

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

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

In lieu of structural panels or rigid ceiling use brace TC @ 24" OC, BC @ 24" OC. purlins to

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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

0-7-5 L R-155 PLF U-15 PLF W-25-0-0 1-6-0 4X5(A3) =3-6-0 (NNL) 3-6-0 SCI 3X4# 12-6-0 -25-0-0 Over Continuous Support 4 X 4≡ 21-0-0 3×4≡ 12-6-0 3X4// 3-6-0 (NNL) 4X5 (A3) ≡ 3-6-0 SC2 1-6-0

8-0-0

Note: All Plates Are 1.5X4 Except As Shown.
Design Crit: PLT TYP. Wave

WARNING TRUSSES
REFER TO BCS1 (BUIL TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0)

QTY:1

FL/-/4/-/-/R/-

Scale = .25"/Ft. R8228- 97341

EL RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT WECK, INC. SHALL NOT BE: RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE THOSE IN COMPORMACE WITH TP: DR FARET/INC. HANDLIG. SHIPPING. HAS ALLIED AS THOSE FROM SPEC. BY AFAPA, AND TPI. DESIGN. COMPORNS WITH APPLICABLE PROVISIONS OF DROS (MATIONAL DESIGN SPEC. BY AFAPA) AND TPI. THY BCC CONNECTOR PLAIES ARE MADIE OF 20/10/160A. (MAJISSE), ASTA ASSIGNAE 40/60 (M. K/M.SS) GALV. STEEL. APPLY PLAIES TO EACH FACE OF THUSS AND. JUNESS OTHERMISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 160A-2. ANY INSPECTION OF PLAIES FOLLOWED BY: () SHALL BE FER AIMEY AS OF TPIL-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONERS.

SUITABILITY AND USE OF THIS COMPONENT R ANSI/TPI 1 SEC. 2. OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

Haines City, FL 33844
FL 'Cate of' Zation " Cat

zation " "

DESIGN SHOWN. THE BUILDING DESIGNER PER

ALPINE

CORIDA DUR.FAC. SPACING SEE ABOVE 1.25 JREF -1T628228Z02

BC LL BC DL

TOT.LD.

40.0

SEQN-HC-ENG

21540

TC DL TC LL

10.0 PSF 20.0 PSF

DATE REF

03/29/07

10.0 PSF 0.0 PSF PSF

DRW HCUSR8228 07088069

SSB/AP

BUILDING DESIGNER PER ANSI/TPI 1

SPACING

24.0"

JREF -

1T628228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 D
:Stack Chord SC2 2x4 SP #2 D Dense:

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

(A) 1x4 SP #3 or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

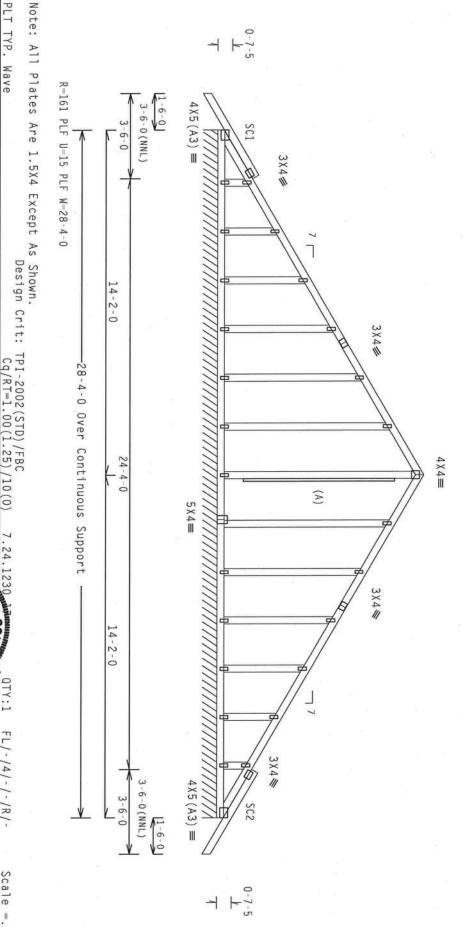
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

See DWGS Al1015EE0207 & GBLLETIN0207 for more requirements

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



Haines City, FL 33844

DESIGN SHOWN. THE SUITABILITY AND US BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT M BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONTORNANCE MITH TPI; OR FABRICATING, HANDLUNG, SHAPPING, INSTALLING, A BRACING OF TRUSSES, DESIGN CONTROLING, SHAPPING, THE STALLING A BRACING OF TRUSSES, DESIGN CONTROLING, SHAPPING, THE STALLING A BRACING OF TRUSSES, DESIGN CONTROLING, SHAPPING, THE STALLING A BRACING OF TRUSSES, DESIGN CONTROLING, SHAPPING CONTROLING, SHAPPING CONTROLING, POSITION OF REPARATIONS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC. 3. A SEA, ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

ONAL ENGINE

DUR.FAC. SPACING

1.25

SEE ABOVE

JREF -

1T628228Z02

TOT.LD.

40.0

PSF

SEQN-HC-ENG

STATE OF

BC LL BC DL TC DL TC LL

0.0

PSF

FL/-/4/-/-/R/-

10.0

PSF

20.0 PSF

REF DATE

R8228- 97343

03/29/07

Scale = .25"/Ft.

10.0 PSF

DRW HCUSR8228 07088071

SSB/AP 21544

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI. (BUILDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPOISE LANE, MADISON, WI 5373) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED RIGID CEILING.

PLT TYP.

Wave

ASCE 7-02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, II 1.00, EXPOSURE 0

GROUP

A:

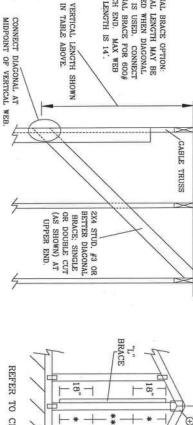
#3

HEM-FIR
2 STUD
3 STANDARD

SOUTHERN PINE
#3
STUD
STANDARD

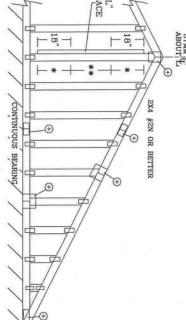
UP SPECIES AND GRADES:

	1	M	A	X		C	i A	ΑE	O.N. I			1			-	Т	Ί	C.	A	L		L	E	N	(Γī	TH	
	1		,,			.()		1		"		0	_)		2	4	"		0	.(200 //)	SPACING SPECIES	CARIF VERTICAL
) - -		\(\frac{1}{2}\)		0.50		ひてュ) + -		() T		5		ひてュ			<u>+</u>]		2	j	TL		ひてに	į	ECIES	TRATICAL
STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
4' 11"	5' 0"	5' 0"	5' 3"		4' 9"	4' 9"	4' 9"	4' 11"	4' 5"	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"	4' 4"	13.3	4, 5,	3' 10"	1.0	4' 0"	4' 2"	4' 3"		3' 9"	3' 9"	3' 10"	BRACES	NO
7' 5"	8' 5"	8 5"	8' 5"	8, 5,	7' 3"	8' 5"	8' 5"	8, 5,	6' 5"	7' 6"	7' 7"		7' 8"	6' 4"	7' 4"	7' 4"	7' 8"	-	6' 1"	6' 2"	6' 8"	6' 8"	5' 2"	6' 0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"
7' 5"	8' 7"	8, 2,	9' 1"	9' 1"	7' 3"	8' 5"	- 3	8' 8"		- 3		8' 3"	- 7	6' 4"	7' 4"	5	7' 10"	5' 3"		6' 2"	7' 2"				6' 0"	6' 10"	GROUP B	" BRACE .
9' 10"	10' 0"	10' 0"	10' 0"	- 3		10' 0"		10' 0"	8' 6"	9' 1"	9' 1"	9' 1"	9' 1"	8' 4"	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "
9' 10"	10' 6"	10' 6"	10' 9"		9' 7"	10' 0"		10' 3"	8' 6"		9' 6"	9' 9"			9' 1"		9' 4"	6' 11"	8' 0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	"L" BRACE .
11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	. 3		10' 10"		10' 10"	11		- 1		- 71	9, 5,	9' 5"	9' 5"	9' 1"	9' 5"	9' 5"	9' 5"	GROUP A	(2) 2X4 "L"
12' 3"	12' 6"	12' 6"	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11, 1,	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	," BRACE **
14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"		13′ 3″			14' 0"		12' 11"					12' 5"					12' 3"		12′ 5″	GROUP A	(1) 2X6 "L"
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12' 6"	12' 8"		13' 5"	10' 7"	12' 3"	12' 4"	12' 9"	GROUP B	BRACE *
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	GROUP A	(2) 2X6 "L" BRACE
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	GROUP B	BRACE **
GABLE END SUPPORTS LOA	CONTINUOUS BEARING (5	BROVINE LIBITET CONNECTION	LIVE LOAD DEFLECTION CRI	GROUP THOSE	CABIE TRIES	ř.		#2	#1	SOUTHERN PINE		## X	HEM	GROO	CBOI			STANDARD	#3	DOUGLAS FIR-LARCH		#3 STUD	#1 / #2 STANDARD	GIVO	IDAD	BRACING GROUP SPE		



BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

USS DETAIL NOTES:

HEM-FIR #1 & BTR #1 GROUP

Ħ

DOUGLAS FIR-LARCH

#2

ORTS LOAD FROM 4' 0"
ITH 2' 0" OVERHANG, OR 12" ARING (5 PSF TC DEAD LOAD). CONNECTIONS FOR 80 PLF OVER TION CRITERIA IS L/240.

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

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

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

PLYWOOD OVERHANG.

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

+ REFER PEAK,	GREATER	GREATER	LESS THAN 4'	VERT	GABLI
REFER TO COMMON TRUSS DESIG PEAK, SPLICE, AND HEEL PLATES	GREATER THAN 11' 6'	GREATER THAN 4' 0". BUT LESS THAN 11' 6"	IAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
HEEL F	6,	o". BUT		H.	L PLAT
REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	2.5X4	2X4	1X4 OR 2X3	NO SPLICE	ESIZES

No.	PSTATE OF MAX SPACING 24 0"	MAX. TOT. LD. 60 PSF	CI DE Van de	C.F. Coll		
	0,"	PSF	<u>-</u>	DF	DA	REF
			-ENG	WG AI	DATE 2/	200
	5			DRWG A11015EE0207	2/23/07	ASCE7-02-GAB11015

/TW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

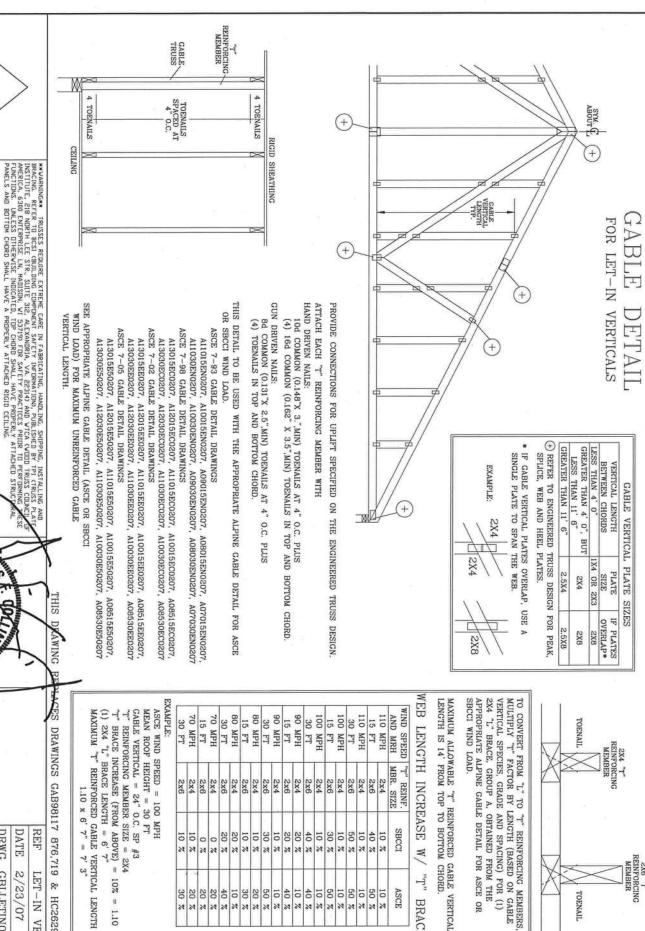
WHEDERMATE* FLEWISH COPY OF THIS DESIGN TO INSTALLATION COMPACTOR. ITY BCG, ING
NOT BE RESPONSIBLE FOR ANY DEVALUATION COMPACTOR. ITY BCG, ING
DESIGNANCE WITH APPLICABLE REPOLICATION FROM HIS DESIGNA MAY FAILURE IS BRACKING OF TRANS

DESIGNANCE COMMETTER PLATES ARE MADE OF PAUS MANUAL DESIGNA SET AND FAILES AND FAIL

TPI.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INCREMATION), PUBLISHED BY FET (TRUSS PLATE INSTITUTE, 218 MIDRIT LEE STE, SUITE 122, ALEXANDRIA, VA. 22340 AND WICKA (VOIDD TRUSS COUNCIL NATITUTE, CARECIA, 6300 ENTERPRISE LN, MANISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING TO SAFETY PRACTICES. OF PRIDE SIAL HAVE PROPERTY ATTACHED STRUCTURAL PANELS OTHERWISE INDICATED, TOP CHARD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CELLING.

ALPINE



EXAMPLE: WIND SPEED | "T" REINF. 80 MPH 15 FT 30 FT 80 MPH 70 MPH 70 MPH 90 MPH 90 MPH 110 MPH 15 FT 30 FT 30 FT 15 FT 00 100 MPH AND MRH 30 15 30 FT 3 MPH FT MBR. SIZE 2x4 2x6 2x4 2x6 2x6 2x4 2x6 SBCCI 20 10 30 20 40 00 10 50 10 % 50 % 50 % ASCE 2 01

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

Τ"

BRACE

TOENAIL

TOENAIL

2X4 "T" REINFORCING MEMBER

2X6 "T"
REINFORCING
MEMBER

MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7" MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH $1.10 \times 6' 7' = 7' 3''$

ASCE WIND SPEED = 100

PLACES DRAWINGS GAB98117 876,719 & HC26294035

MAX	DUR.	MAX				
MAX SPACING 24.0"	DUR. FAC.	MAX TOT. LD. 60 PSF				
NG	7	LD.				
23	ANY	60				
.0,		PSF				
			-ENG	DRWG	DATE	REF
			-ENG DLJ/KAR	GBLLETIN0207	2/23/07	LET-IN VERT
			~	N0207	7	VERT

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

WHIPDER MAINE FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITY DEG, INC. SMANNED WHIPDER MAINE ARE PROPERTY OF THE BUILD HE FOREST.

NOT BE RESPONSUELLE TO MAN DEVIATION FROM THE TRUSS SO, MAY FALLINE ID BUILD HE FOREST.

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CORIOS

ALPINE

Residential System Sizing Calculation

Summary Project Title:

Benton Residence Hwy 240 , FL 32024Dave Benton

Code Only Professional Version Climate: North

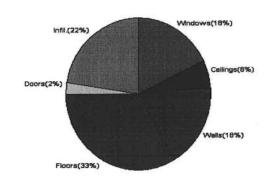
3/23/2007

			ide(29) Altitude(152 ft.) Temp Range(M)		
Humidity data: Interior RH (50%) Outdoor	wet bulb (7	7F) Humidity difference(54gr.)			
Winter design temperature 33 F Summer design temperature 92						
Winter setpoint	70	F	Summer setpoint	75	F	
Winter temperature difference	37	F	Summer temperature difference	17	F	
Total heating load calculation	14048	Btuh	Total cooling load calculation	11769	Btuh	
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh	
Total (Electric Heat Pump)	113.9	16000	Sensible (SHR = 0.75)	140.7	12000	
Heat Pump + Auxiliary(0.0kW)	113.9	16000	Latent	123.4	4000	
			Total (Electric Heat Pump)	135.9	16000	

WINTER CALCULATIONS

Winter Heating Load (for 716 sqft)

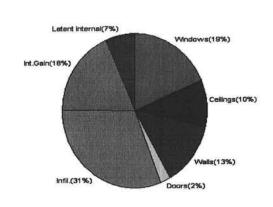
Load component			Load	
Window total	54	sqft	2537	Btuh
Wall total	777	sqft	2552	Btuh
Door total	27	sqft	350	Btuh
Ceiling total	716	sqft	844	Btuh
Floor total	107	sqft	4672	Btuh
Infiltration	76	cfm	3094	Btuh
Duct loss			0	Btuh
Subtotal			14048	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			14048	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 716 sqft)

Load component			Load	
Window total	54	sqft	2192	Btuh
Wall total	, 777	sqft	1521	Btuh
Door total	27	sqft	265	Btuh
Ceiling total	716	sqft	1186	Btuh
Floor total			0	Btuh
Infiltration	67	cfm	1244	Btuh
Internal gain			2120	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			8527	Btuh
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			2442	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occu	pants/othe	er)	800	Btuh
Total latent gain			3242	Btuh
TOTAL HEAT GAIN			11769	Btuh





For Florida residences only

EnergyGauge® System Sizing PREPARED BY: 3.23.07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Benton Residence Hwy 240 , FL 32024Project Title: Dave Benton Code Only Professional Version Climate: North

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

3/23/2007

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	n Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	W	3.0	47.0	141 Btuh
2	1, Clear, Metal, 1.27	N	30.0	47.0	1410 Btuh
2 3	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
4	1, Clear, Metal, 1.27	S	6.0	47.0	282 Btuh
	Window Total		54(sqft)		2537 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	604	3.3	1984 Btuh
2	Frame - Wood - Adj(0.09)	13.0	173	3.3	568 Btuh
	Wall Total	752500552	777		2552 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Adjacent		27	12.9	350 Btuh
	Door Total		27		350Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	716	1.2	844 Btuh
	Ceiling Total	522 500	716		844Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	107.0 ft(p)	43.7	4672 Btuh
***	Floor Total		107		4672 Btuh
			Zone Envelope	Subtotal:	10954 Btuh
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.80	5728	76.4	3094 Btuh
Ductload	Proposed leak free, R6.0,	Supply(Attic),	Return(Attic)	(DLM of 0.00)	0 Btuh
Zone #1		Se	ensible Zone Sul	btotal	14048 Btuh

WHOLE HOUSE TOTALS

Subtotal Sensible	14048 Btuh
Ventilation Sensible	0 Btuh
Total Btuh Loss	14048 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Benton Residence Hwy 240 , FL 32024Project Title: Dave Benton Code Only Professional Version Climate: North

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear of

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Benton Residence Hwy 240 , FL 32024Dave Benton

Code Only Professional Version Climate: North

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

3/23/2007

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	W	3.0	47.0	141 Btuh
2	1, Clear, Metal, 1.27	N	30.0	47.0	1410 Btuh
3	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
4	1, Clear, Metal, 1.27	S	6.0	47.0	282 Btuh
	Window Total		54(sqft)		2537 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	604	3.3	1984 Btuh
2	Frame - Wood - Adj(0.09)	13.0	173	3.3	568 Btuh
	Wall Total		777	8	2552 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Adjacent		27	12.9	350 Btuh
	Door Total		27		350Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	716	1.2	844 Btuh
	Ceiling Total		716		844Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	107.0 ft(p)	43.7	4672 Btuh
	Floor Total		107		4672 Btuh
			Zone Envelope	Subtotal:	10954 Btuh
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.80	5728	76.4	3094 Btuh
Ductload	Proposed leak free, R6.0, S	Supply(Attic), I	Return(Attic)	(DLM of 0.00)	0 Btuh
Zone #1		Sei	nsible Zone Sub	ototal	14048 Btuh

WHOLE HOUSE TOTALS

Ventilation Sensible Total Btuh Loss	Venti		14048 Btuh 0 Btuh 14048 Btuh
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Manual J Winter Calculations

Residential Load - Component Details (continued)

Benton Residence Hwy 240 , FL 32024Project Title: Dave Benton Code Only Professional Version Climate: North

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear of

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Benton Residence Hwy 240 , FL 32024Project Title: Dave Benton Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

3/23/2007

Component Loads for Whole House

	Type*		Over	hang	Wind	ndow Area(sqft) HT			HTM Load		
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	3.0	0.0	3.0	37	94	282	Btuh
2 3	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	30.0	0.0	30.0	37	37	1124	Btuh
3	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	15.0	15.0	0.0	37	43	562	Btuh
4	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	6.0	6.0	0.0	37	43	225	Btuh
	Window Total				54 (s	sqft)				2192	Btuh
Walls	Туре	333333333333333333333333333	R-Va	alue/U	-Value	Area	a(sqft)		HTM	Load	
1	Frame - Wood - Ext			13.0/	0.09	200	04.0		2.1	1260	Btuh
2	Frame - Wood - Adj			13.0/	0.09	17	73.0		1.5	261	Btuh
	Wall Total					777 (sqft)				1521	Btuh
Doors	Туре					Area	(sqft)		HTM	Load	
1	Insulated - Adjacent					2	7.0		9.8	265	Btuh
	Door Total					27 (sqft)				265	Btuh
Ceilings	Type/Color/Surface		R-Value			Area(sqft)			HTM	Load	
1	Vented Attic/DarkShingle			30.0		716.0			1.7 118		Btuh
	Ceiling Total					7	16 (sqft)			1186	Btuh
Floors	Туре		R-Va	alue			ize		HTM	Load	
1	Slab On Grade			0.0		1	07 (ft(p))		0.0	0	Btuh
100 111 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 122 - 12	Floor Total			2000			'.0 (sqft)		130%	0	Btuh
						Z	one Enve	elope Sı	ubtotal:	5163	Btuh
Infiltration	Туре		Α	CH			ne(cuft)		CFM=	Load	Divit
I4	SensibleNatural			0.70			728		66.8	1244	Btuh
Internal			Occup	12			ccupant	/	Appliance	Load	D
gain				4			30 +		1200	2120	Btuh
Duct load	Proposed leak free, R6.	0, Sup	ply(At	tic), R	eturn(A	Attic)		DGM	= 0.00	0.0	Btuh
							Sensik	le Zone	Load	8527	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Benton Residence Hwy 240 , FL 32024Project Title: Dave Benton

Code Only Professional Version Climate: North

3/23/2007

WHOLE HOUSE TOTALS

	0 11 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0507	Dink
	Sensible Envelope Load All Zones	8527	Btuh
	Sensible Duct Load	0	Btuh
	Total Sensible Zone Loads	8527	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	8527	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	2442	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (4 people @ 200 Btuh per person)	800	Btuh
	Latent other gain	0	Btuh
	Latent total gain	3242	Btuh
	TOTAL GAIN	11769	Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint) (U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details
Project Title: Code O
Profess

Benton Residence Hwy 240 , FL 32024-

Code Only **Professional Version**

Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

3/23/2007

Component Loads for Zone #1: Main

	Type*		Overl	hang	Win	dow Ar	dow Area(sqft) HTM			Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shade	d Unshaded	Shaded	Unshaded		
1	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	3.0	0.0	3.0	37	94	282	Btuh
2	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	30.0	0.0	30.0	37	37	1124	
2 3 4	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	15.0	15.0	2.2	37	43	562	Btuh
4	1, Clear, 1.27, None,N,N Window Total	S	1.5ft	8ft.	6.0 54 (s	6.0 eaft)	0.0	37	43	225 2192	Btuh
Walls	Type		R-Va	lue/U	-Value		ea(sqft)	I	нтм	Load	Dian
1	Frame - Wood - Ext			13.0/			604.0		2.1	1260	Btuh
2	Frame - Wood - Adj			13.0/			173.0		1.5	261	Btuh
1. 111	Wall Total			13.0/0.09		777 (sqft)				1521	Btuh
Doors	Туре			7 - 2			a (sqft)		HTM	Load	
1	Insulated - Adjacent						27.0		9.8	265	Btuh
	Door Total						27 (sqft)			265	Btuh
Ceilings	Type/Color/Surface		R-Value			Area(sqft)			HTM	Load	
1	Vented Attic/DarkShingle			30.0		9	716.0		1.7	1186	Btuh
	Ceiling Total						716 (sqft)			1186	Btuh
Floors	Туре		R-Va	alue			Size		HTM	Load	
1	Slab On Grade			0.0			107 (ft(p))		0.0	0	Btuh
×	Floor Total					10	7.0 (sqft)			0	Btuh
							Zone Env	elope S	ubtotal:	5163	Btuh
nfiltration			Α	CH	-		me(cuft)		CFM= 66.8	Load 1244	Btuh
	SensibleNatural		_	0.70			5728			0.000	Diuii
Internal			Occup	5.6			occupant		Appliance	Load	Btuh
gain	D	0.0	-1./61	4			230 +	DOM	1200	2120	
Duct load	Proposed leak free, R6.	.u, Sup	ply(At	tic), F	eturn(/	Attic)		DGIVI	= 0.00	0.0	Btuh
							Sensil	ole Zon	e Load	8527	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Benton Residence Hwy 240 , FL 32024Project Title: Dave Benton

Code Only Professional Version Climate: North

3/23/2007

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	8527	Btuh
	Sensible Duct Load	0	Btuh
si.	Total Sensible Zone Loads	8527	Btuh
6-	Sensible ventilation	0	Btuh
li .	Blower	0	Btuh
Whole House	Total sensible gain	8527	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	2442	Btuh
	Latent ventilation gain	0	Btuh
21	Latent duct gain	0	Btuh
	Latent occupant gain (4 people @ 200 Btuh per person)	800	Btuh
	Latent other gain	0	Btuh
	Latent total gain	3242	Btuh
	TOTAL GAIN	11769	Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint) (U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

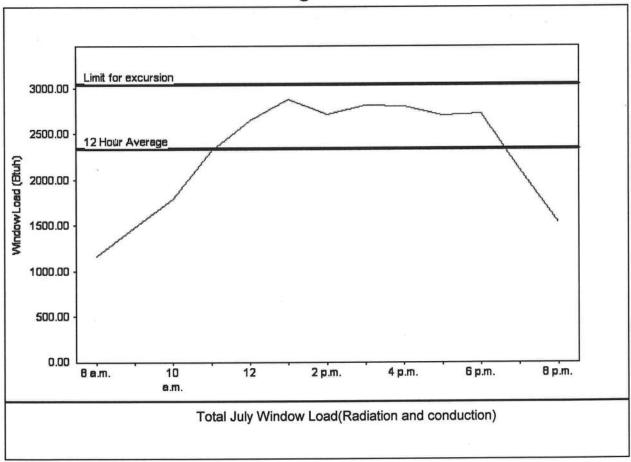
MidSummer

Benton Residence Hwy 240 , FL 32024Project Title: Dave Benton Code Only Professional Version Climate: North

3/23/2007

Weather data for: Gainesville - Defaults				
Summer design temperature	92 F		Average window load for July	2342 Btuh
Summer setpoint	75 F		Peak window load for July	2873 Btuh
Summer temperature difference	17 F		Excusion limit(130% of Ave.)	3045 Btuh
Latitude	29 N	orth	Window excursion (July)	None

WINDOW Average and Peak Loads



The midsummer window load for this house does not exceed the window load excursion limit. This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:

DATE: ______



PRODUCT APPROVAL SPECIFICATION SHEET

All I was a second at I was	OVAL SPECIFICATION SHEET	
ocation:	Project Name:	
s required by Florida Statute 553.842 and Florida A	idministrative O. I. on To	
hich you are applying for a building compone	ents listed below if they will be utilized on the construction project for	

which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s
A. EXTERIOR DOORS 1. Swinging			FL 4242 .1
0 011 11			121-1
A Dalling		*	
5. Automatic			
6 Other			
D. MANUEL COLOR	1000 B		
B. WINDOWS	- I LAND.	IIII / F1214.10	
Single hung Horizontal Silving	State State of the		1/ (.000 5
2. Horizontal Slider	13 . D 1		FC. 6079.7
3. Casement	WILL WAS MIN	the & Doors	
	Add to the treet		
5. Fixed			
6. Awning	Y (ii)		
7. Pass-through 8. Projected	18 Th		
9. Mullion	April 1881		
10. Wind Breaker	We Box Car		
	Sign of the second		
12. Other	Hard State of the Control of the Con		
. PANEL WALL	\$4. S.A		
1. Siding Harlie	gen they are		
2. Soffits	40.40.		FL. 889 -122
3. EIFS b	St. Park of the second		
4. Storefronts	Remodel I		
5. Curtain walls	S. Care		
6. Wall louver	the Salata and		
7. Glass block	Registration of the second		
8. Membrane			
9. Greenhouse	S 2.45.5		
10. Other	1 24 -	· · · · · · · · · · · · · · · · · · ·	
ROOFING PRODUCTS	Market and the second		Shingles Hip S
Asphalt Shingles	EIK		728.4, 728.5,72
2. Underlayments	AND SERVICE	Shingles	100.1,120.5,12
B. Roofing Fasteners	displantific	30RF	FL. 1814.3
. Non-structural Metal Rf		1500	7 FL. 1814.1
. Built-Up Roofing	wheeling cor	rug At 1= 5 CO. Breaky Draw	~ 1 ~ ~
. Modified Bitumen	10.5.464	4	F1.5190 ->
Single Ply Roofing Sys			
. Roofing Tiles	10,77		
Roofing Insulation	\$ 750 g		
. Waterproofing	254 G		
Wood shingles (shell	404649		
. Wood shingles /shakes	territor - 1		
. Roofing Slate	210.2 d ·		