DATE 03/11/2015 Columbia County Building Permit PERM This Permit Must Be Prominently Posted on Premises During Construction 000032						
APPLICANT ROBIN NICHOLS	on Premises During Construction 000032764  PHONE 752-8653					
ADDRESS 465 NW ORANGE STREET	LAKE CITY FL 32055					
OWNER BRIAN & AIMEE DICKS	PHONE 365-8881					
ADDRESS 432 SW PACES GLEN	LAKE CITY FL 32024					
CONTRACTOR BRYAN ZECHER	PHONE 752-8653					
LOCATION OF PROPERTY 90 W, L BIRLEY AVE, L PACES OF	GLEN, 5TH LOT ON RIGHT					
	1	_				
TYPE DEVELOPMENT SFD, UTILITY EST	IMATED COST OF CONSTRUCTION 240150.00					
HEATED FLOOR AREA 4803.00 TOTAL AREA	A 3481.00 HEIGHT 25.00 STORIES 2	_				
FOUNDATION CONCRETE WALLS FRAMED RO	OOF PITCH 9/12 FLOOR SLAB	_				
LAND USE & ZONING AG-3	MAX. HEIGHT 35					
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 32-3S-16-02431-205 SUBDIVISION	WEST PACES	-				
LOT 5 BLOCK PHASE UNIT	TOTAL ACRES 5.11					
CBC1257343		_				
Culvert Permit No. Culvert Waiver Contractor's License Numb	ber Applicant/Owner/Contractor	_				
PRIVATE 15-119-N BK	TC N					
Driveway Connection Septic Tank Number LU & Zoning	g checked by Approved for Issuance New Resident					
COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD	*					
	CI 1 // C 1 001126					
	Check # or Cash 001126	_				
FOR BUILDING & ZONING	eneck ii or cush	_				
Temporary Power Foundation	G DEPARTMENT ONLY (footer/Slab)  Monolithic					
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"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

Of MOOLMAN- LIAS

Columbia County Building Permit Application
For Office Use Only Application # 1502-57 Date Received 2/26 By W Permit # 32764
Zoning Official BLK Date 3 MARCH 10 Flood Zone X Land Use A-3 Zoning A-3
FEMA Map # N/A Elevation N/A MFE/ Abould River N/A Plans Examiner 7.C. Date 3-2-15
Comments Private Road
□NOC (PEH □Deed or PA Isite Plan □ State-Road Info (N Well letter #911 Sheet □ Parent Parcel #
□ Dev Permit # □ In Floodway □ Letter of Auth. from Contractor □ F W Comp. letter
IMPACT FEES: EMS Fire Corr
Road/Code School = TOTAL (Suspended)   Ellisville Water LApp Fee Paid
Septic Permit No. 15-119-N
Name Authorized Person Signing Permit ROBIN W. NICHOLS; Manager Phone (386) 752-8653
Address BRYANZECHER CONSTRUCTION / 465 NW DRANGE STREET/ LAKE CITY, FL 32055
Owners Name BRIAN 3 AIMEE DICKS Phone (386) 365-8881/8882
911 Address 432 SW PACESGW LAKE CITY, FL 32024
Contractors Name BRYAN C. ZECHER Phone (386) 752.8653
Address P.O. BOX 815, LAKE CITY FL 32056 . 0815
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address
Architect/Engineer Name & Address Aftons / Afex Engineering
Mortgage Lenders Name & Address 1st Fed Bank US 90 W Lake City, Pr
Circle the correct power company FL Power & Light - Clay Elec Suwannee Valley Elec Progress Energy
Property ID Number 32.35 · 16 · 02431 · 205 Estimated Cost of Construction \$342,800°
Subdivision Name WEST PACES Lot 5 Block Unit Phase
Driving Directions FROM HWY 90 /MAIN STREET GO 8 MILES WEST ON HWY 90. TURN LEFT
DN SW BIRLEY AVE. GO 1.0 MILE TO SW PACES GLW. JOB SITE 0.3 MILES ON LEFT.
Number of Existing Dwellings on Property ————————————————————————————————————
Construction of NEW HOME Total Acreage 5-110 Lot Size 5.1
Do you need a - Culvert Waiver or Have an Existing Drive Total Building Height 25
Actual Distance of Structure from Property Lines - Front 175 Side 126 Side 126 Rear 428
Number of Stories 2 Heated Floor Area 3481 Total Floor Area 4803 Roof Pitch 9/12
Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. CODE: Florida Building Code 2010 and the 2008 National Electrical Code.  Page 1 of 2 (Both Pages must be submitted together.)  Revised 3-15-12  The space of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.  CODE: Florida Building Code 2010 and the 2008 National Revised 3-15-12  The space of a permit and that all work be performed to meet the standards of all laws regulating Code 2010 and the 2008 National Revised 3-15-12  The space of a permit and that all work be performed to meet the standards of all laws regulating Code 2010 and the 2008 National Revised 3-15-12  The space of a permit and that all work be performed to meet the standards of all laws regulating Code 2010 and the 2008 National Revised 3-15-12  The space of a permit and that all work be performed to meet the standards of all laws regulating Code 2010 and the 2008 National Revised 3-15-12  The space of a permit and that all work be performed to meet the standards of all laws regulating Code 2010 and the 2008 National Revised 3-15-12  The space of a permit and that all work be performed to meet the standards of all laws regulations are subject to the standard of a permit and that all work be performed to meet the standards of all laws regulations are subject to the standard of a permit and that all work be performed to meet the standards of all laws regulations are subject to the standard of a permit and that all work be performed to meet the standards of all laws regulations are subject to the standard of a permit and that all work be performed to the standard of a permit and that all work be performed to the standard of a permit and that all work be performed to the standard of a permit and tha

### Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

<u>TIME LIMITATIONS OF PERMITS:</u> Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

<u>WARNING TO OWNER:</u> YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

<u>NOTICE TO OWNER:</u> There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

Owners Signature

\*\*OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.

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

Contractor's License Number CBC 1257343

Columbia County
Competency Card Number S5

Affirmed under penalty of perjury to by the Contractor and September of the Contracto

Page 2 of 2 (Both Pages of be submitted together.)

Revised 3-15-12

Inst. Number: 201412014457 Book: 1281 Page: 1600 Date: 9/17/2014 Time: 11:12:21 AM Page 1 of 1 Doc Deed: 349.30 P.DeWitt Cason Clerk of Courts, Columbia County, Florida

Prepared by: Michael Harrell Abstract Trust Title, LLC PO Box 7175 Lake City, FL 32055

ATS# 4-6388

### Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 15th day of September, 2014, Justin Moses, hereinafter called the grantor, to Brian G. Dicks and his wife Aimee W. Dicks whose post office address is: 2282 US Highway 90 W., Lake City, FL 32055 hereinafter called the grantee:

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

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, Florida, viz: Parcel ID# R02431-205

Lot 5, of "West Paces", a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 27 and 28, of the Public Records of Columbia County, Florida.

The above described property is not, nor has it ever been the homestead of the Grantor, who in fact resides at 798 SW Mail Blvd., Lake City, FL 32025.

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

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2013.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness:

Megina Williams

Printed Name:

Witness: It DARACT

Printed Name:

Anst:201412014457 Date:9/17/2014 Time:11:12 AM

Doc Stamp-Deed:349.30

DC P DeWert Cason Columbia County Page 1 of 1 B:1281 P:166

STATE OF FLORIDA COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15th day of September, 2014 by JUSTIN MOSES personally known to me or, if not personally known to me, who produced for identification and who did not take an oath.

(Notary Seal)

Notary Public

MICHAEL H. HARRELL
My Commission # FF005231
EXPIRES: April 08, 2017

### Columbia County Property

Appraiser updated: 1/23/2015

Parcel: 32-3S-16-02431-205

<< Next Lower Parcel Next Higher Parcel >>

### **Owner & Property Info**

DICKS BRIAN G & AIMEE W				
2282 US HIGHWAY 90 W LAKE CITY, FL 32055				
VACANT (0000	00)			
3 (County)	Neighborhood	32316		
5.110 ACRES Market Area 01				
NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.				
֡֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	2282 US HIGHY LAKE CITY, FL : VACANT (00000 3 (County) 5.110 ACRES NOTE: This description	VACANT (000000)  3 (County) Neighborhood  5.110 ACRES Market Area  NOTE: This description is not to be used a		

### 2014 Tax Year

Tax Collector Tax Estimato Property Card

Parcel List Generator
Interactive GIS Map Print

Search Result: 1 of 1



### **Property & Assessment Values**

2014 Certified Values		
Mkt Land Value	cnt: (0)	\$40,629.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$40,629.00
Just Value		\$40,629.00
Class Value		\$0.00
Assessed Value		\$40,629.00
Exempt Value		\$0.00
Total Taxable Value		Cnty: \$40,629 Other: \$40,629   Schl: \$40,629

2015 Working Values		(Hide Values)
Mkt Land Value	cnt: (0)	\$40,629.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$40,629.00
Just Value		\$40,629.00
Class Value		\$0.00
Assessed Value		\$40,629.00
Exempt Value		\$0.00
		Cnty: \$40,629
Total Taxable Value	- 1	Other: \$40,629   Schl:
		\$40,629

NOTE: 2015 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

### Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
9/15/2014	1261/1600	WD	V	Q	01	\$49,900.00
11/4/2008	1161/1851	WD	V	U	03	\$100,000.00
8/23/2005	1056/2180	WD	V	Q		\$92,000.00

### **Building Characteristics**

Bldg Item	Bldg Desc	Year Bit	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value	
NONE							

### **Extra Features & Out Buildings**

Code	Desc	Year Bit	Value	Units	Dims	Condition (% Good)
NONE						

### **Land Breakdown**

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value

RE: DICKS RESIDENCE

### SUBCONTRACTOR VERIFICATION FORM

APPLICATION NU	IMBER	301-57	CONTRACTOR	Bryan Ze		_ PHONE (386) 752-865
	8	THIS FORM MUST B	E SUBMITTED PRIOR	TO THE ISSUANCE	E OF A PERMIT	
Ordinance 89-	6, a contract	ermit will cover all tra cors who actually did tor shall require all su y insurance and a val	the trade specific	c work under t	he permit. Per F	lorida Statute 440 and
Any changes,	the permitte	ed contractor is respo r beginning any worl	ancible for the co	manhad fa I		ran - I ranga an - Santa
ELECTRICAL	Print Name	Matthews Elec	ctric IIC	-	Al A	yor jines.
#0076		EC130054		Signature_	Phone #: 386-	- THE COURT
MECHANICAL/	Print Name	Mark Touchst			Filone #: 386-	344(2029
AC #0747	License #:	CACO-580		Signature_	The state of the s	Separate Control of the Control of t
THE PERSON NAMED IN COLUMN 2 I	LUMBING/ Print Name Scott Wolfe		Total Control of the		Phone #: 386-	867-0625
GAS #1081	License #:			Signature_	Discount of the second	
ROOFING					Phone #: 386-	93/6-0616/
#0187				Signature_	Phone #: 352	A A
SHEET METAL			NIA		710ne #: 352-	472-4943
	License #:			Signature_	Phoner#:	
FIRE SYSTEM/	Print Name	N/A			Priorie w.	
SPRINKLER	License#:	1000	-	Signature_	Phone #:	
SOLAR	Print Name	N/A			mone w.	
	License #:	1.00.1		Signature	Phone #:	
Specialty L	leense	License Number	Sub-Contractors			
MASON	La		. Jan Contractors	· -	Sub-	Contractors Signature
CONCRETE FI	NISHER	000063	Darnyl 9	Spradley	-	N C
FRAMING		00000	see next p		<del></del>	194
INSULATION		000240	Will Sik			ATH NA.
STUCCO .		1.	N/A		1	A Stanford
DRYWALL /		001197		Massie v	Va	levie Massie
PLASTER			N/A	\		
CABINET INS	TALLER	001452		loorman	X Re	A SUMMER
PAINTING		000330		Fouchton	12/1	2/1
ACOUSTICAL	CEILING		N//			
GLASS CERAMIC TIL	E 66.0	000 004070	N//	-mg 1		A
FLOOR COVE		CBC 054575			<u> </u>	-
4 SEDM/VINYL	-	000359	See next   Greg		1	t de 1
GARAGE DO		000618	Carl B		M Y	By Hand
METAL BLDG			N//			

F. S. 440.103 Building permits; identification of minimum premium policy.—Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

RE:	DICKS	RES	DEN	CE

### **SUBCONTRACTOR VERIFICATION FORM**

APPLICATION NUM	WIBER13	01-07	CONTRACTOR	BRYAN ZECHER	The state of the s	
e			ST BE SUBMITTED PRIOR TO			
records of the Ordinance 89-	subcontracto 6, a contract	ors who actually or shall require a	did the trade specific w	ork under the per ovide evidence of	e. It is <u>REQUIRED</u> that we have rmit. Per Florida Statute <b>440 and</b> workers' compensation or in Columbia County.	
Any changes, t start of that su	the permitte ibcontractor	d contractor is re beginning any v	esponsible for the corre work. Violations will re	ected form being suit in stop work	submitted to this office prior to the orders and/or fines.	
ELECTRICAL	1					
	License #:			Phone		
MECHANICAL/						
A/C	License #:			Phone	#:	
PLUMBING/	Print Name Signature					
GAS	License #: Phone #:					
ROOFING	Print Name			Signature		
	License #:			Phone	· #:	
SHEET METAL	Print Name			Signature		
	License #:				·#:	
FIRE SYSTEM/	Print Name		<u></u>	Signature		
SPRINKLER	License#:	a P 5		Phone	• #:	
SOLAR	1			Signature		
	License #:	12		Phone #:		
Specialty L	icense	License Number	Sub-Contractors i	Printed Name	Sub-Contractors Signature	
MASON					·	
CONCRETE FI	NISHER					
FRAMING		001545	CHRISTOPHER M	LUMPKIND		
INSULATION			<b></b>			
STUCCO					-	
DRYWALL			-	V		
PLASTER	PALLED					
PAINTING	IALLEK		<u> </u>			
ACOUSTICAL	CELLING		1			
GLASS	CEILING	•	<del> </del>			
CERAMIC TIL	 E		<del> </del>			
FLOOR COVE			1			
ALUM/VINYL			*			
GARAGE DOC						
METAL BLDG	ERECTOR			·		

F. S. 440.103 Building permits; identification of minimum premium policy.—Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Forms: Subcontractor form: 5/09

RENDICKS RESIDENCE

### SUBCONTRACTOR VERIFICATION FORM

APPLICATION NU	MBER	602-57	CONTRAC	TOR BHIA	-	,	IF (386) 757.86	
		THIS FORM MUS		PRIOR TO THE ISSU		PHON	151-86	
Ordinance 89-	500contrac 5, a contrac	permit will cover all stors who actually d stor shall require all ty insurance and a	lid the trade s I subcontracto	pecific work und	er the perm	it. Per Florida Si	atute 440 and	
Any changes,	the permitt	ed contractor is re or beginning any w	sonosible for	the covered to	ma bataan a		·	
ELECTRICAL	Print Name			TTTVITALA.	Signature			
	Ucense #:				Phone #:			
MECHANICAL/	Print Name	9	104111					
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PLUMBING/	-				Phone #:			
GAS	Print Name	-		Signatu				
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ROOFING		Print Name			re			
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SPRINKLER								
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compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

### SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _	1502-57	CONTRACTOR	BRYAN ZECHER	PHONE (386) 752.8653
	THIS FORM MUST BE	SUBMITTED PRICE	OR TO THE ISSUANCE OF A PERMIT	

In Columbia County one permit will cover all trades doing work at the permitted site. It is <u>REQUIRED</u> that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name	Signature	· · · · · · · · · · · · · · · · · · ·
	License #:	Phone #:	
MECHANICAL/	Print Name		
A/C	License #:	Phone #:	
PLUMBING/	Print Name		
GAS	License #:	Phone #:	
ROOFING	Print Name	Signature	We will be a second of the sec
	License #:	Phone #:	
SHEET METAL	Print Name	Signature	
	License #:	Phone #:	
FIRE SYSTEM/	Print Name		
SPRINKLER	License#:	Phone #:	
SOLAR	Print Name	Signature	
	License #:	Phone #:	
Specialty L	icense License Number	Sub-Contractors Printed Name	Sub-Contractors Signature

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000720	DONALD R. ROBERTS	Double Robert
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			-
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR		The same of the sa	

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

PAT LYNCH LYNCH DRILLING CORP PO Box 934 Branford, FL 32008 (386)935-1076

DATE 2-16-15

CUSTOMER Brian & Aimee Dicks (Zecker Const)

LOCATION Columbia County #32-35-16-02431-205

WE WILL CONSTRUCT A 4" WATER WELL COMPLETE WITH 4" WATER WELL STEEL CASING, SUBMERSIBLE PUMP (20 GPM) WITH 1 1/4" DROP PIPE, AND AN 86 GALLON CAPTIVE AIR TANK (21.9 GALLON DRAWDOWN).

WELL WILL BE COMPLETE AT THE WELL SITE, WE DO NOT INCLUDE ELECTRICAL NOR PLUMBING CONNECTIONS FROM THE WELL TO THE HOME AND/OR POWER POLE.

ANY VARIATIONS OF THE ABOVE ARE SUBJECT TO APPROVAL FROM THE CUSTOMER AND.OR CONTRACTOR PRIOR TO COMMENSMENT OF THE INDIVIDUAL JOB.

THANK YOU

NOT RESPONSIBLE FOR THE QUALITY OF WATER

fax (386) 758-8920 ph (386) 752-8653



Brian & Aimee Dicks 432 SW Paces Gln Lake City, FL 32024

### **Driving Directions:**

From downtown Lake City at US Hwy 90 and Main Street, travel west on Hwy 90 for 8 miles. Turn left on SW Birley Ave and go 1 mile. Turn left onto SW Paces Gln. Go 0.3 miles and job site will be on the left.

Permit #

Septic #

Driveway #



### SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER_	1502-57	CONTRACTOR	BRYAN ZECHER	PHONE (386) 752.8653
	THIS FORM MUST BE	SUBMITTED DRIC	OR TO THE ISSUANCE OF A DEPMIT	

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Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL

Print Name

ELECTRICAL	Print Name License #:			Signature_	Phone #:		
MECHANICAL/		**************************************		Signature			
A/C	License #:				Phone #:		
PLUMBING/							
GAS	License #:				Phone #:		
ROOFING	Print Name License #:		· · · · · · · · · · · · · · · · · · ·	Signature_	Phone #:		
SHEET METAL	Print Name License #:			Signature_	Phone #:		
FIRE SYSTEM/ SPRINKLER	Print Name License#:			Signature_	Phone #:		
SOLAR	Print Name License #:			Signature_	Phone #:		
Specialty (	License	License Number	Sub-Contractors P	rinted Nam	e Sub-Contractors Signature		
MASON		000720	DONALD R. RO	BERTS	Douald Robert		
CONCRETE FI	NISHER						
FRAMING							
INSULATION			**************************************				
STUCCO							
DRYWALL							
PLASTER							
CABINET INS	TALLER						
PAINTING							
ACOUSTICAL	CEILING						
GLASS							
CERAMIC TIL	E						
FLOOR COVE	RING						
ALUM/VINYL	SIDING						
GARAGE DOC	OR						
METAL BLDG	ERECTOR						

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit. Contractor Forms: Subcontractor form: 6/09

### **COLUMBIA COUNTY 9-1-1 ADDRESSING**

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 REQUESTED:

2/3/2015

DATE ISSUED:

2/6/2015

**ENHANCED 9-1-1 ADDRESS:** 

432

SW PACES

GLN

LAKE CITY

FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

32-3S-16-02431-205

Remarks:

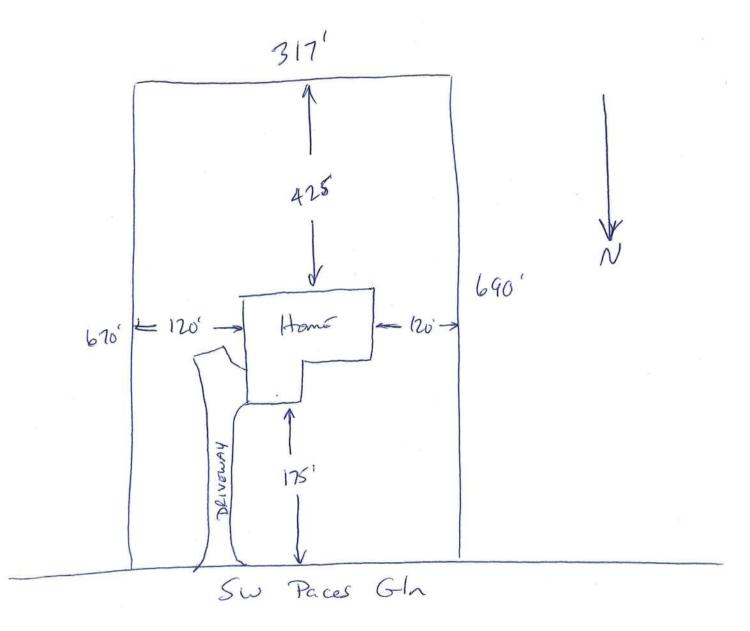
ADDRESS FOR PROPOSED STRUCTURE ON PARCEL.

Address Issued By: SIGNED: / RONAL N. CROFT

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.

### Lot 5 West Paces SD 32-35-16-02431-205



"Proposed Six plan"

DICKS BRIAN 2282 US HIGE LAKE CITY, E	BATH BATH BATH BDRM RWS C-W% C-W% C-W% C-W% STYS ECON FOUD-1 UD-1 UD-3 UD-6 UD-6 UD-7 UD-8 UD-8 UD-9 UD-8 UD-8 UD-8 UD-9 UD-8 UD-9 UD-8 UD-8 UD-9 UD-9 UD-8 UD-8 UD-9 UD-9 UD-8 UD-8 UD-9 UD-8 UD-9 UD-9 UD-9 UD-8 UD-9 UD-8 UD-9 UD-9 UD-9 UD-8 UD-9 UD-9 UD-9 UD-9 UD-9 UD-9 UD-9 UD-9	+ ++ ++	LEN WID HGHT Q
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1/23/2015 R COLUMBIA COUNTY 2015 R CALD 01 of 001 8/08/2006 DF	3 STR 32- 3S-16E MKT AREA 01 ACUD1 ACUD1 APPR CD CNDO SUBD BLK LOT MAP# TXDT 003 TXDT 003 TXDT DESC NUMBER DESC SOCK TXDT DESC NUMBER DESC SOCK TXDT DATE TXDT SOCK TXDT DATE TXDT SOCK TXDT SALE SOCK TXDT SALE TXDT TXDT SALE TXDT TXDT TXDT TXDT TXDT TXDT TXDT TXD	GRANTEE BKIAN G & AIMEE W DICKS 100 GRANTOR MICHAEL C & CATHY S MOSES GRANTEE JUSTIN MOSES	ADJ UT PR

LAND VALUE 40,629 PRICE ADJ UT PR 40629.600 40629.60 1.000 LT ZONE ROAD (UD1 (UD3 FRONT DEPTH FIELD CK: TOPO UTIL (UD2 (UD4 BACK DT ADJUSTMENTS A-3 0007 1.00 1.00 1.00 1.00 AE CODE Y 000000 VAC RES



### STATE OF FLORIDA DEPARTMENT OF HEALTH ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO.	15-119-N
DATE PAID:	3/3/15
FEE PAID:	3/000
RECEIPT #:	36134.30

APPLICATION FOR:  [X] New System [ ] E: [ ] Repair [ ] At	cisting Syst	com (	l Holding T	ank [	1 Innovative
APPLICANT: Brian Dicks					
AGENT: ROCKY FORD, A & B CONS	TRUCTION			TELEPHON	WE: 386-497-2311
MAILING ADDRESS: 546 SW Dort	ch Street, E	T. WHITE,	FL, 32038		
TO BE COMPLETED BY APPLICANT BY A PERSON LICENSED PURSUAN APPLICANT'S RESPONSIBILITY TO PLATTED (MM/DD/YY) IF REQUES	T TO 489.105 O PROVIDE DO TING CONSIDE	5(3)(m) OR COMENTATION	489.552, FLOR N OF THE DATE	IDA STATU THE LOT	JTES. IT IS THE WAS CREATED OR
PROPERTY INFORMATION					
LOT: 5 BLOCK: na	SUB: West E	Paces S/D			PLATTED:
PROPERTY ID #: 32-3S-16-024	31-205	ZONING	3: <u>(R) -</u> I	/M OR EQU	IVALENT: [ Y /(Ñ)]
PROPERTY SIZE: 5.11 ACRES	WATER SUPP	LY: [X] PR	IVATE PUBLIC	[ ]<=20	000GPD [ ]>2000GPD
is sewer available as per 38	1.0065, FS?	[ Y /(N)]	D	ISTANCE T	O SEWER: FT
PROPERTY ADDRESS: S	W Paces Gle	an, Lake C	ity, FL, 320	24	
DIRECTIONS TO PROPERTY: 90 P	West, TL on	Birley Ro	ad, TL into	Paces W	est, 1/4 mile to
5th lot on right					and the second s
BUILDING INFORMATION	[X] RESI	DENTIAL	[ ] COM	ERCIAL	
Unit Type of No Establishment			Commercial/I		onal System Design -6, FAC
1.					
SF Residential2	3	3503			
3		•	And a self-majoritation of the		
[W/] Floor/Equipment Drains	ik/1 0tl	her (Specif	у)		
SIGNATURE: Rock )	and the same of	2			1: 2/24/2015
The second secon			25 2211	10.0	

### STATE OF FLORIDA DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Scale:	GUAN (CO)  1 inch = A0 fee	xks	PART II - SITER	Permit Application N	Number 15	-119-N
		se,'	746.9		O graphs, (trans a common politic est a film) distributi (trans a) (trans a film)	
	14.		7 600 70 Perf LINE	7	(Fig.	Mers
38 F & S 7 7		250 Lio	£.	100	DRIVES -	330
			Sag.	Months		F3112
Notes:						
Site Plan Ap	proved_X		Not Approved_	Colition 14-		alth Department



**ENVIROMENTAL HEALTH** 

STATE OF FLORIDA DEPARTMENT OF HEALTH ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM CONSTRUCTION PERMIT

PERMIT #:	12-SC-1590695
APPLICATION #:	AP1178556
DATE PAID:	3/5/16
FEE PAID:	310/10
RECEIPT #:	2613430
DOCUMENT #:	PR966299

CONSTRUCTION PERMIT FOR: OSTDS New	
APPLICANT: Brian * 15-119 N Dicks	
PROPERTY ADDRESS: SW Paces Gln Lake City, FL 32024	
LOT: 5 BLOCK: SUBDIVISION: West Bay Meadow S/D	AND THE PROPERTY OF THE PARTY O
PROPERTY ID #: 02431-205 [SECTION, TOWNSHIP, RANGE, PARCE OR TAX ID NUMBER]	IL NUMBER]
WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT	NOT GUARANTER MATERIAL FACTS, TO MODIFY THE NULL AND VOID.
SYSTEM DESIGN AND SPECIFICATIONS	The second secon
T [ 1,200 ] GALLONS / GPD Septic CAPACITY	
A [ ] GALLONS / GPD N/A CAPACITY	
H [ ] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS	OMS]
K [ 375 ] GALLONS DOSING TANK CAPACITY [77,00 ]GALLONS 8[ 6 ]DOSES PER 24 HRS	#Pumps [ 1 ]
D [ 575 ] SQUARE FEET Drainfield SYSTEM  R [ ] SQUARE FEET N/A SYSTEM  A TYPE SYSTEM: [x] STANDARD [] FILLED [] MOUND []  I CONFIGURATION: [x] TRENCH [] BED []  N  F LOCATION OF BENCHMARK: Nail in Pine tree NE of system site.	
I ELEVATION OF PROPOSED SYSTEM SITE ( 12.00 )   INCHES   FT 1   ABOVE   BELOW   BENCHMARK/RE	PEDENCE BOTHE
E BOTTOM OF DRAINFIELD TO BE [ 25.00 ] [ INCHES   FT ] [ ABOVE   BELOW ] BENCHMARK/RE	
T.	
D FILL REQUIRED: [ 5.00 ] INCHES EXCAVATION REQUIRED: [ 0.00 ] INCHES	
The system is sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom), for a total estimated for a size of 450 and 1.1 The system is sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom), for a total estimated for the system is sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom).	ated
new of wed gpd.	
2.) Performing Lift Dosing. Pumps must be certified as suitable for distributing sewage efficient.     3.) 911 address half be required prior to final approval.	
E	
R	
SPECIFICATIONS BY: Rocky D Ford TITLE: WASTL CONTYNIA.	
APPROVED BY: TITLE: Environmental Specialist I	Columbia CHD
DATE ISSUED: Vieromy Citizend EXPIRATION DATE:	09/04/2016
DH 4016, 08/09 (Obsorbtes all previous additions which may not be used)	
Incorporated: 64E-6.003, FAC	Page 1 of 3
* 1.1.1 ATTITUDES TO ATTITUDE	

32764

ATT#6609

This Instrument Prepared By: Abstract Trust little LLC PO Box 7175 Loke City, Florida 32055

### NOTICE OF COMMENCEMENT

TO WHOM IT MAY CONCERN:

The undersigned hereby give notice that improvements will be made to certain real property and in accordance with Chapter 713, Florida Statues, the following is provided in this Notice of Commencement:

- 1. Description of Property: See Exhibit "A" attached hereto and by this reference made a part thereof.
- 2. General Description of Improvement, Construction of Dwelling
- 3. Owner Information:
  - a. Name and Address: Brian G. Dicks and Aimee W. Dicks & 2282 West US 90, Lake City, FL 32055

  - c. Name and address of fee simple title holder (if other than Owner): NONE
- Contractor (name and address): Bryan Zecher Homes, Inc. @ 465 NW Orange Street, Lake City, FL 32025
- - a. Name and Address: N/A

b. Amount of Bond: N/A

201512004076 Dote:3:6:2015 Time:11:14 AM DG P DeWat Cason Columbia County Page 1 of 2 B:1250 P.1537

6. LENDER: First Federal Bank of Florida 4705 West US Highway 90 PO Box 2029 Lake City, Ft. 32056

- Persons within the State of Florida designated by Owner upon whom notices of other documents may be served as provided in Section 713.13(1)(e)7., Florida Statutes: NONE
- In addition to himself. Owner designates FIRST FEDERAL BANK OF FLORIDA at 4705 WEST US HIGHWAY 90 / PO BOX 2029, LAKE CITY, FL 32056, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b) Florida Statutes.

Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

different date is specified).

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1 SECTION 713, 13, FLORIDA STATUTES AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU NEED TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

'Owner is used for singular or plural as context requires.

ealed and delivered the presence

lang Stepanie MA P. Copeland Regina Simpkins

WITHESE

STATE OF FLORIDA COUNTY OF COLUMBIA

Before me, personally appeared Brian G. Dicks and Aimee W. Dicks, to me known to be the person(s) described in and who executed the foregoing instrument, and they acknowledged to and before me that they executed said instrument for the purpose therein expressed.

Witness my hand and official seal this 5 th day of March , 2016

(SEAL)

REGINA SIMPKINS MY COMMISSION I EE 650115 EXPIRES: January 4, 2017 Bonded Thru Budget Notery Services

My Commission Expires: 1-4-17

Verification Pursuant to Section 92.525. Fiorida Statutes

Under Penalties of pegury, I declare that I have read the foregoing and that the facts stated in it are true to

the best of my knowledge and belief.

Brian G. Dicks

time W. Dicks

ATT#6609

### EXHIBIT "A"

Lot 5, of "West Paces", a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 27 and 28, of the Public Records of Columbia County, Florida.

MARIA MARIA

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office
P. DENVITA CASON, CLERK OF COURTS

By:

Deguty Clerk



# epartment of Building and Zoning Inspection

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

Building permit No. 000032764

Parcel Number 32-3S-16-02431-205

Use Classification SFD, UTILITY

Permit Holder BRYAN ZECHER

Owner of Building BRIAN & AIMEE DICKS

62.74

Total:

32.18

Waste:

30.56

Fire:

Location: 432 SW PACES GLN, LAKE CITY, FL 32024

Date: 08/25/2015

**Building Inspector** 

POST IN A CONSPICUOUS PLACE (Business Places Only)

### CORPORATE HEADQUARTERS

FAX (352) 376-2791 (362) 376-2661

GAINESVILLE, FL 32627-5369 116 N.W. 16TH AVENUE P.O. BOX 5369

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Member Flonda & National Pest Control Associations Complete Pest Control Service

Phone (386) 752-1703 Fax (386) 752-0171 Lake City, FL 32025 Reply: 536 SE Baya Dr



www.flapest.com

32056 Lake City FL PO Box 815 Bryan Zecher Construction

### TERMITE TREATMENT CERTIFICATION

Method of termite prevention treatment: Soil treatmen	
Premise: Imidacloprid: 0.10%	STV904
Product Used: Active Ingredient: 8a.Concentration	Vumber of gallons used
Patrick Alvino	JE2070461
Name of applicator	Applicator ID Aumber
\$1/£/8	12:11
Date:	Time
Bryan Zecher Construction	309FE
General Contractor	Area Treated
Lake City	Columbia
CIÚ	:Xuno,y
30,0	432 SW Paces Gin
The state of the s	succe Address
Hotsimpans	11,7 11.00
102	Block
M/M Brian & Amy Dicks	32764
	Permit Sumber
C) The F	

This form is proof of complete treatment for Certificate of Occupancy or Closing, Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services. The building has received a complete treatment for the prevention of subterranean termites.

THIS IS PROOF OF WARRANTY

samengie bestrodias, Warranty and Treatment Certifications Have Been Issued.

BRANCHES

Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee • Tampa • • Crystal River • Daytona Beach • Ft Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala •

Alpine, an ITW Company

2400 Lake Orange Drive suite 150 Orlando FL 32837 Florida Engineering Certificate of Authorization Number: 0 278 Florida Certificate of Product Approval # FL1999 Page 1 of 1 Document ID:1VGN9114Z0121084748

Truss Fabricator: Anderson Truss Company

Job Identification: 15-024H--BRYAN ZECHER /Dicks Residence/ Cypress -- 432 SW F

Truss Count: 3

Model Code: Florida Building Code 2014 or 2010

Truss Criteria: FBC2010Res/TPI-2007(STD)

Engineering Software: Alpine Software, Version 14.03. 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 - 37.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 120 MPH ASCE 7-10 -Closed

Notes:

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

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

3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

Details: BRCLBSUB-

#	Ref Des	cription	Drawi ng#	Date
1	72983-H19AR	46'8"12 Co	15141005	05/21/15
2	72984-H21AR	46'8"12 Co	15141006	05/21/15
3	72985-H23AR	50'8" Comm	15141007	05/21/15

ces

05/21/2015

Walter P. Finn -Truss Design Engineer-

2400 Lake Orange Dr, Suite 150 Orlando FL, 32837

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

Bot chord chord Webs 2x4 SP 2x4 SP 2x4 SP **#** # # 1

Value Set:

13B (Effective 6/1/2013)

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use purlins to brace all flat TC @ 0C. 24"

Bottom chord checked for 10.00 psf non-concurrent live load

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Negative reaction(s) of -342# MAX. (See below) from a non-wind load case requires uplift connection.

(\*\*) (\*\*) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

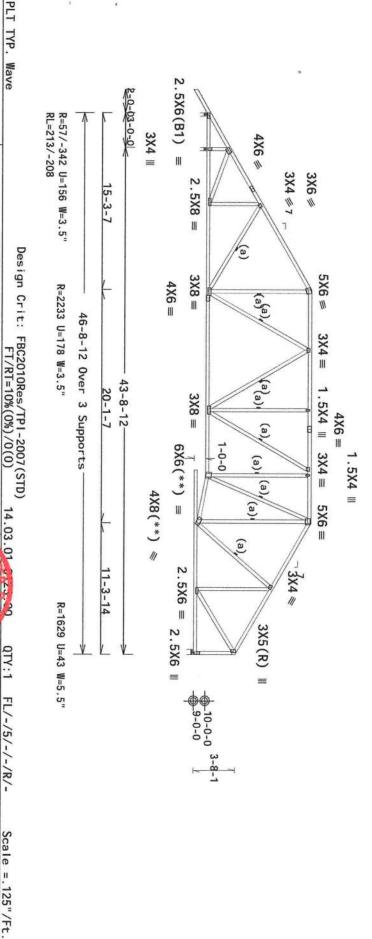
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, within 13.00 ft from roof edge, RISK CAT II, EXP C, wind psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18 not located TC DL=3.5

design. Wind loads and reactions based on MWFRS with additional C&C member

Right end vertical not exposed to wind pressure

Calculated vertical deflection is 0.34" due to live to dead load at X = 30-10-0. load and 0.95" due

MWFRS loads based on trusses located at least 15.00 ft. from roof





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or require extreme care in fabricating, handling, shipping, installing and bracing, Befor to and for mat edition of BCSI (Building Component Seforty Information, by Tel and WTCA) for safety practices porming these functions. Installors shall provide temporary bracing per BCSI. Unless noted others \*\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

TC

F

20.0 PSF

REF

R9114- 72983

DATE

05/21/15

on this drawing or cower page listing this drawing, includetes acceptance of professional angineering sibility solely for the design shown. The suitability and use of this drawing for any structure is the sibility of the Building Designer per AMSI/TPI 1 Sec. 2.

to performing these functions, instances was never to perform about the state of the control about 1 have a property attack top chord shall have property attacks for the control about 100 per top chord shall have property attacks for permanent lateral restraint of weeks shall have brasing installed per sections (3). By or 800, as applicable, Apply places to each face of trues and positions as shown above sections (3). By or 800, as applicable, Apply places to each face of trues and position as shown above the control of the c For more information see this job's general notes page and these web sites: ALPINE: www.sbcindustry.com; ICC: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www. BC DL TC DL SPACING DUR. FAC. TOT.LD. 1.25 37.0 PSF 10.0 PSF 24.0 0.0 PSF 7.0 PSF

SEQN-

436649

HC-ENG JB/WPF DRW HCUSR9114 15141005

FROM

JREF-

1VGN9114Z01

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

Value Set. 12B (Effective Eld 1999)

Top chord Bot chord Webs 2×4 2×4 2×4 888 **\*\***1

Value Set: 13B (Effective 6/1/2013)

Lumber value set "138" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 0C. 24"

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

edge. MWFRS loads based on trusses located at least 15.00 ft. from roof

> Negative reaction(s) of -264# MAX. case requires uplift connection. (See below) from a non-wind load

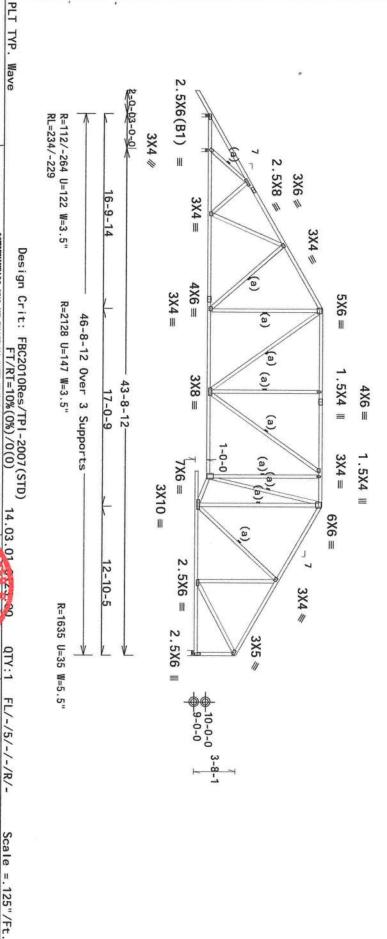
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, ( within 13.00 ft from roof edge, RISK CAT II, psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18 CLOSED bldg, EXP C, wind not located TC DL=3.5

design. Wind loads and reactions based on MWFRS with additional C&C member

Right end vertical not exposed to wind pressure

Bottom chord checked for 10.00 psf non-concurrent live load

Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. WARNING: Furnish a copy of this DWG to the installation contractor





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"MARNING!" READ AND FOLLOW ALL NOTES ON THIS DRAWING!

Trusma require extreme care in febricating, handling, shipping, installing and bracing. Before to and for the latest delicin of EGSI (Building Camponent Safety Information by IPI and WICA) for safety protections in the person of the february protections and the person of the performance of the person of the p \*\* IMPORTANT\*\*

on this drawing or cower page listing this drawing, indicates acceptance of professional angineering sistinity solely for the dealign above. The suitability and use of this drawing for any structure is a sistinity of the Building Designer per ABS//TPI 1 Sec.2.

Alpine, a division of ITM Building Components Group Inc. shall not be responsible for any deviation from drowing, any failure to build the truss in conformance with AMSI/TPI 1, or for handling, shipping. For more information see this job's general notes page and those web sites: ALPINE: www.alpineitw.com; TPI: www.tpinat.org; WICA: www.abcindustry.com; ICC: www.iccasfe.org 05/21/2015 BC DL BC LL TC DL DUR. FAC. TC LL SPACING TOT.LD. FL/-/5/-/-/R/-

37.0 1.25

0.0

PSF PSF

> HC-ENG JB/WPF DRW HCUSR9114 15141006

436646

24.0"

JREF-

1VGN9114Z01

FROM SEQN- 10.0 PSF

7.0 PSF

DATE REF

05/21/15

20.0 PSF

R9114- 72984

Value Set: 13B (Effective 6/1/2013) THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR
Value Set: 13B (Effective 6/1/2012)

Top chord Bot chord Webs 2x4 SP #1 2x4 SP #1 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24  $^{\circ}$  OC.

Bottom chord checked for 10.00 psf non-concurrent live load

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

(b) (1) 2X6X4-0-0 SP\_#2\_13B \$CAB;ATTACH TO ONE FACE OF TRUSS WITH 10d BOX(O.128°X3.0°) NAILS \* 6° OC. PLUS NAIL CLUSTERS AS \$100WN BBY CIRCLES WITHOUT SPLITTING LUMBER. NOTE: SCAB MAY BE TRIMMED FLUSH WITH BOTTOM CHORD.

Negative reaction(s) of -465# MAX. (See below) from a non-wind load  $\ast\ast\ast$  case requires uplift connection.

Plates extending outside the truss perimeter shall be positioned within the tolerance specified on the plate placement polygon only, without use of TPI 1-2007 section 3.7.2.2 alternate positioning. Steel extending above the top chord or below the bottom chord may be trimmed or folded along the outer edge of that chord. Steel extending elsewhere beyond outermost truss members may be folded.

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

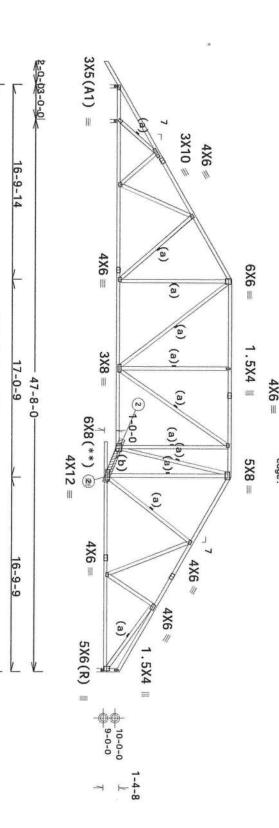
120 mph wind, 15,00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpI(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member

Truss passed check for 20 psf additional bottom chord live load areas with 42"-high x 24"-wide clearance.

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

NWFRS loads based on trusses located at least 15.00 ft. from roof



Note: All Plates Are 3X4 Except As Shown. Design Crit: FBC2010Res/TPI-2007(STD)

R=-465 Rw=11 U=175 W=3.5" RL=254/-270

R=2823 U=62 W=3.5"

50-8-0 Over 3 Supports

PLT TYP. Wave

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from drawing, any failure to build the truss in conformance with ANS/TPI 1, or for handling, shipping. \*\* IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS reme care in Tearicating, handling, shipping, installing and bracing. Refer to and for BCSI (Suliding Component Safety information, by IPI and WICA) for safety practices BCSI. FT/RT=10%(0%)/0(0) 14.03.01 BC DL TC DL TC LL FL/-/5/-/-/R/-20.0 PSF 10.0 PSF 0.0 7.0 PSF PSF REF

QTY:2

Scale = .125"/Ft. R9114- 72985

R=2065 U=46 W=3.5"

on this drawing or cover page listing this drawing, indicates acceptance of professional engineerint intellity solely for the dealing abom. The suitability and use of this drawing for any structure is sibility of the Building Designer per AMSI/TPI 1 Sec.2.

ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.tpcnstorg

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05/21/2015

DUR. FAC. SPACING TOT.LD. 37.0 24.0" 1.25 PSF FROM SEQN-DATE HC-ENG JB/WPF DRW HCUSR9114 15141007 JREF-1VGN9114Z01 05/21/15 436643

reinforcement method is desired. is specified on a truss design but an alternative web This detail is to be used when a Continuous Lateral Restraint (CLR)

### Notes

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or \_-reinforecement or scab reinforcement.

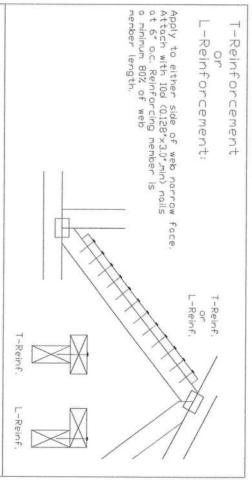
Alternative reinforcement specified in chart below may be conservative reinforcement type. For minimum alternative reinforcement, re-run design with appropriate

10 IV X X 00 00	N N X X 0 0	2×3 or	Web Member
ω ω	00	U U X X A A	ember
1 row 2 rows	1 rows	2 rows	Specified CLR Restraint
5×6	N N X X 5 4	22 X X X X X X X X X X X X X X X X X X	Alternative Reinforecement T- or L- Reinf. Scob Reinf
8×3-1 8×3-1	1-2×6 2-2×4(*)	1-2×4 2-2×4	Scob Reinf.

T-reinforcement, L-reinforcement, or scab reinforcement to be species and grade or better than web member unless specified otherwise on Engineer's sealed design. some

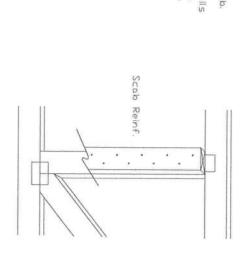
\* face of web. Center scab on wide face of web. Apply (1) scale to each

# CLR Reinforcing Member Substitution



### Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128"x3.0",min) nalls at 6" o.c. Reinforcing member is a at 6' a.c. Reinforcing member is a minimum 80% of web member length.





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### \*\*UMPDRTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and folia the latest edition of BCS (Building Comparent Safety Information, by TPI and SBA) for safety practices prior to performing these functions. Installing shall provide temporary bracing per BCSI, shall have a properly attached structural sheathing and botton characteristic have a properly attached rigid entitle, Laccations shown for permanent lateral restraint of which shall have a properly attached rigid entitle, Laccations shown for permanent lateral restraint of which shall have bracing installed per BCSI sections BCSI BC or BID, as applicable. Apply plates to each face of tuss and position as Savan above and on the John Betalis, unless noted otherwise.

Alpine, a division of ITV Building Components Group Inc. shall not be responsible for any deviation of this drawing, any foliume to build the truss in conformance with ARSIZ/PI 1, or for handling, shipping, installation a procing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSIZ/PI 1 Sec.2. for nore information see this job's general notes page and these web sites: ALPINE www.alpineitw.com. TP1 www.tpinstorg; SBCA www.sbcindustry.org; ICC: www.ccsafe.org

CEN

SPACING	DUR. FAC.	TOT. LD.	BC LL	BC DL	TC DL	TC LL
	\$ 3	PSF	PSF	PSF	PSF	PSF
				DRWG	DATE	REF
				BRCLBSUB1014	10/01/14	CLR Subst.

05/21/2015



### COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2010 EFFECTIVE 15 MARCH 2012 AND THE NATIONAL ELECTRICAL 2008 EFFECTIVE 1 OCTOBER 2009

### ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2010 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 15 MARCH 2012. NATIONAL ELECTRICAL CODE 2008 EFFECTIVE 1 OCTOBER 2009. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER
FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN
WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER
STRUCTURES

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Each	s to Inclu Box sha Circled as applicable	ll be
	Yes	No	N/

				103	110	TALLE
1	Two (2) complete sets of plans containing the following:			1		
2	All drawings must be clea	r, concise, drawn to s	scale, details that are not used shall be marked void	V		
3	Condition space (Sq. Ft.)	3481	Total (Sq. Ft.) under roof 4803	ШШ	11111111	Ш

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

### Site Plan information including:

4	Dimensions of lot or parcel of land	V	
5	Dimensions of all building set backs	V	
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	~	
7	Provide a full legal description of property.	V	

Wind-load Engineering Summary, calculations and any details are required.

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	ШШ	ШП	ППП
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	V		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	V		
11	Wind importance factor and nature of occupancy	v		
12	The applicable internal pressure coefficient, Components and Cladding	v		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	Y		
		V		
		V		
		V		

### **Elevations Drawing including:**

14	All side views of the structure	~
15	Roof pitch	Y
16	Overhang dimensions and detail with attic ventilation	Y
17	Location, size and height above roof of chimneys	Y
18	Location and size of skylights with Florida Product Approval	V
18	Number of stories	V
20A	Building height from the established grade to the roofs highest peak	~

### Floor Plan including:

	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck,	10.00	
20	balconies	~	
21	Raised floor surfaces located more than 30 inches above the floor or grade	1	
22	All exterior and interior shear walls indicated	V	
23	Shear wall opening shown (Windows, Doors and Garage doors)	V	
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	~	
25	Safety glazing of glass where needed	V	
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)		~
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails		~
28	Identify accessibility of bathroom (see FBCR SECTION 320)		V

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

### GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-Each Box shall be Circled as Applicable

### **FBCR 403: Foundation Plans**

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	V		
30	All posts and/or column footing including size and reinforcing	V		
31	Any special support required by soil analysis such as piling.	V		
32	Assumed load-bearing valve of soil Pound Per Square Foot	~		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	Y		

### FBCR 506: CONCRETE SLAB ON GRADE

	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	V	
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	V	

### **FBCR 318: PROTECTION AGAINST TERMITES**

	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or		
36	Submit other approved termite protection methods. Protection shall be provided by registered	1	
20000	termiticides	~	1

### FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	V
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	V

### Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

### Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	~
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers	~
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers	Y
42	Attachment of joist to girder	V
43	Wind load requirements where applicable	V
44	Show required under-floor crawl space	V
45	Show required amount of ventilation opening for under-floor spaces	V
46	Show required covering of ventilation opening	Y
47	Show the required access opening to access to under-floor spaces	V
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interest of the areas structural panel sheathing	~

49	Show Draftstopping, Fire caulking and Fire blocking	V
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6	V
	Provide live and dead load rating of floor framing systems (psf).	V

### FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include Each Box shall Circled as Applicable		ll be
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	~		I
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	V		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	V		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	~		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per IRC Table 502.5 (1)	Y		
57	Indicate where pressure treated wood will be placed	/		1
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	V		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	V		1

### FBCR : ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.6.1 Wood trusses	V	
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	V	
	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	/	
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	/	
64	Provide dead load rating of trusses	V	

### FBCR 802: Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing	<b>✓</b>
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating	/
67	Valley framing and support details	
68	Provide dead load rating of rafter system	V

### FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel		
	sheathing, grade, thickness	~	
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	~	

### **ROOF ASSEMBLIES FRC Chapter 9**

71	Include all materials which will make up the roof assembles covering	V	
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	V	

### FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 1 Residential buildings compliance methods. **Two of the required forms are to be submitted**, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Inclu Each Box shal Circled as Applicable		
		YES	NO	N/A	
73	Show the insulation R value for the following areas of the structure	V			
74	Attic space	~			
75	Exterior wall cavity	~			
76	Crawl space			V	
H	VAC information				
77	Submit two copies of a Manual J sizing equipment or equivalent computation study	V			
78	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	Y			

### Plumbing Fixture layout shown

79 Show clothes dryer route and total run of exhaust duct

80	All fixtures waste water lines shall be shown on the foundation plan	~	
81	Show the location of water heater	V	

### Private Potable Water

82	Pump motor horse power	V
83	Reservoir pressure tank gallon capacity	V
84	Rating of cycle stop valve if used	V

### **Electrical layout shown including**

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	w	
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	_	
87	Show the location of smoke detectors & Carbon monoxide detectors	V	
88	Show service panel, sub-panel, location(s) and total ampere ratings	1	
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.		
	For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	~	

90	Appliances and HVAC equipment and disconnects	<b>/</b>	
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed		
	in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms,		
	sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by		is:
	a listed Combination arc-fault circuit interrupter, Protection device.	V	

<u>Disclosure Statement for Owner Builders</u> If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.

### **Notice Of Commencement**

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Each Box shall be Circled as Applicable
--------------------------------------------------------------------------------------	-----------------------------------------------

### THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		ES	NO	N/A
92	<b>Building Permit Application</b> A current On-Line Building Permit Application <a href="www.ccpermit.co">www.ccpermit.co</a> is to be completed, by following the Checklist all supporting documents must be submitted. There is a \$15.00 application fee.	<u>m</u>		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also requested. <a href="https://www.columbiacountyfla.com">www.columbiacountyfla.com</a>	2		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	2		
95	City of Lake City A permit showing an approved waste water sewer tap 386-752-203	1		V
96	Toilet facilities shall be provided for all construction sites	V		
97	<b>Town of Fort White</b> (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			V
98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			V
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the approve FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foo Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.	t		~
100	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50	.00		~
101	<b>Driveway Connection:</b> If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access perm is required.	it 🔻		
102	911 Address: An application for a 911 address must be applied for and received through the Columb County Emergency Management Office of 911 Addressing Department (386) 758-1125 Ext. 3	ia V		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

### Time limitation of application.

. . .

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

### Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

### Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

### If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

### New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

### Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

### The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the application is approved for permitting the applicant will be notified by phone as to the status by the Columbia County Building & Zoning Department.

### FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Dicks Residence Street: City, State, Zip: Lake City, FL, 32055- Owner: Brian Dicks Design Location: FL, Gainesville	Builder Name: Zecher Construction Permit Office: Columbia County Permit Number: Jurisdiction: 221000
1. New construction or existing 2. Single family or multiple family 3. Number of units, if multiple family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area above grade (ft²) 7. Windows(385.7 sqft.) Description a. U-Factor: Dbl, U=0.55 SHGC: SHGC=0.50 b. U-Factor: N/A SHGC: c. U-Factor: N/A SHGC: d. U-Factor: N/A SHGC: Area Weighted Average Overhang Depth: Area Weighted Average SHGC: SHGC: 0.500 8. Floor Types (3481.0 sqft.) Insulation Area a. Slab-On-Grade Edge Insulation BR=0.0 SHB00 ft² C. N/A R= ft²	9. Wall Types (2337.0 sqft.)  a. Face Brick - Wood, Exterior b. Frame - Wood, Adjacent c. Frame - Wood, Exterior d. N/A 10. Ceiling Types (3481.0 sqft.) a. Under Attic (Vented) b. N/A c. N/A 11. Ducts a. Sup: Attic, Ret: Attic, AH: Main  12. Cooling systems a. Central Unit  13. Heating systems a. Electric Heat Pump  15. Credits  Insulation R=13.0 141.00 ft² R=13.0 141.00 ft² R=16² Insulation R=30.0 3481.00 ft² R= ft² R
Glass/Floor Area: 0.111 Total Proposed Modifie Total Standard Reference	PASS
I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.  PREPARED BY: DATE:  I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.  OWNER/AGENT: DATE:	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.  BUILDING OFFICIAL:  DATE:

- Compliance requires completion of a Florida Air Barrier and Insulation Inspection Checklist

for

FILE COPY

Code

compliance

Building Type: User	PRO	ECT		The state of the s
Design Location	User Conditioned Area: Brian Dicks Total Stories: 1 Worst Case: Zecher Construction Rotate Angle: Columbia County Cross Ventilation: 221000 Whole House Fan: Single-family	3481 2 No	Lot # Block/SubDivision: PlatBook: Street: County:	West Paces  Columbia Lake City ,
Design Location	CLIM	ATE		
Number   Name   Area   Volume	9 t		[[[전략]][[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[	
Number         Name         Area         Volume           SPACES           Number         Name         Area         Volume         Kitchen         Occupants         Bedrooms         Infil ID         Finished         Coole           1         Main         3063         27567         Yes         3         2         1         Yes         Yes           2         Bonus         418         3344         No         3         1         1         Yes         Yes           FLOORS           FLOORS           FLOORS           FLOORS           ** FLOORS	inesville FL_GAINESVILLE_REGI 2	32 92 70	75 1305.8	5 51 Medium
Block1   3481   30911   SPACES	BLO	CKS		
Number   Name   Area   Volume   Kitchen   Occupants   Bedrooms   Infil ID   Finished   Cooled	Name Area Volume			
Number         Name         Area         Volume         Kitchen         Occupants         Bedrooms         Infil ID         Finished         Coole           1         Main         3063         27567         Yes         3         2         1         Yes         Yes           2         Bonus         418         3344         No         3         1         1         Yes         Yes           FLOORS           FLOORS           ✓         # Floor Type         Space         Perimeter Perimeter R-Value         Area         Joist R-Value         Tile         Woo           1 Slab-On-Grade Edge Insulatio         Main         272 ft         0         3063 ft²         —         0.3         0.4           2 Floor over Garage         Bonus         —         418 ft²         16         0         0.5           ROOF           #         Type         Materials         Roof Gable Roof Solar Sol	Block1 3481 30911			
1 Main 3063 27567 Yes 3 2 1 Yes Yes 2 Bonus 418 3344 No 3 1 1 Yes Yes Yes    FLOORS   # Floor Type Space Perimeter Perimeter R-Value Area Joist R-Value Tile Woo 1 Slab-On-Grade Edge Insulatio Main 272 ft 0 3063 ft² 0.3 0.4 2 Floor over Garage Bonus 418 ft² 16 0 0.5 ROOF   ROOF  # Type Materials Roof Gable Roof Solar SA Emitt Emitt De Area Area Color Absor. Tested Insulation	SPA	CES	record and the state of the sta	the state of the s
2 Bonus 418 3344 No 3 1 1 Yes Yes  FLOORS    # Floor Type Space Perimeter Perimeter R-Value Area Joist R-Value Tile Woo  1 Slab-On-Grade Edge Insulatio Main 272 ft 0 3063 ft²	Name Area Volume Kitchen	Occupants Bedroon	ns Infil ID Finis	ned Cooled Heat
FLOORS    # Floor Type Space Perimeter Perimeter R-Value Area Joist R-Value Tile Woo  1 Slab-On-Grade Edge Insulatio Main 272 ft 0 3063 ft² — 0.3 0.4  2 Floor over Garage Bonus — 418 ft² 16 0 0.5   ROOF   # Type Materials Roof Gable Roof Solar SA Emitt Emitt De Tested Insulation Area Area Color Absor. Tested Tested Insulation State S	ain 3063 27567 Yes	3 2	1 Yes	Yes Yes
# Floor Type Space Perimeter Perimeter R-Value Area Joist R-Value Tile Woo  1 Slab-On-Grade Edge Insulatio Main 272 ft 0 3063 ft² — 0.3 0.4  2 Floor over Garage Bonus — 418 ft² 16 0 0.5  ROOF  # Type Materials Roof Gable Roof Solar SA Emitt Emitt De Tested Insulation Tested Insulation Shingles 3548 ft² 0 ft² Medium 0.96 No 0.9 No	nus 418 3344 No	3 1	1 Yes	Yes Yes
1 Slab-On-Grade Edge Insulatio Main 272 ft 0 3063 ft² 0.3 0.4  2 Floor over Garage Bonus 418 ft² 16 0 0.5  ROOF  # Type Materials Area Area Color Absor. Tested Tested Insulation ATTIC  ATTIC	FLOG	RS	Manual Control of Advantage Control of Contr	
1 Slab-On-Grade Edge Insulatio Main 272 ft 0 3063 ft² 0.3 0.4  2 Floor over Garage Bonus 418 ft² 16 0 0.5  ROOF  # Type Materials Area Area Color Absor. Tested Tested Insulation ATTIC  ATTIC	por Type Space Perimeter Pe	imeter R-Value Area	Joist R-Value	Tile Wood Carpet
ROOF  # Type Materials Roof Gable Roof Solar SA Emitt Emitt De Tested Ins  1 Hip Composition shingles 3548 ft² 0 ft² Medium 0.96 No 0.9 No 0.9 No 0.9 ATTIC	n-Grade Edge Insulatio Main 272 ft	0 3063 ft²		
# Type Materials Roof Gable Roof Solar SA Emitt Emitt De Area Color Absor. Tested Ins  1 Hip Composition shingles 3548 ft² 0 ft² Medium 0.96 No 0.9 No 0.9 No 0.9 ATTIC	over Garage Bonus	418 ft²	16	0 0.5 0.5
# Type Materials Area Area Color Absor. Tested Tested Ins  1 Hip Composition shingles 3548 ft <sup>2</sup> 0 ft <sup>2</sup> Medium 0.96 No 0.9 No 0.9  ATTIC	RO	)F		
# Type Materials Area Area Color Absor. Tested Tested Ins  1 Hip Composition shingles 3548 ft <sup>2</sup> 0 ft <sup>2</sup> Medium 0.96 No 0.9 No 0.9  ATTIC		le Roof Solar	SA Emit	Emitt Deck Pitcl
ATTIC/	pe Materials Area Are	a Color Absor.		
/	Composition shingles 3548 ft <sup>2</sup> 0 ft	Medium 0.96	No 0.9	No 0 30.3
/	ATT	IC		
# Type Ventilation Vent Ratio (1 in) Area RBS IRCC	Type Ventilation Vent Ra	io (1 in) Area	BBS IBCC	
1 Full attic Vented 300 3063 ft <sup>2</sup> N N				

$\vee$	#	ON THE RES				~~	LING							
	11	Ceiling	Туре		Space	R-Va	alue		Area	Fran	ning Frac	т	russ Typ	ie .
	1	Under /	Attic (Ve	ented)	Main	30			3063 ft²		0.11		Wood	
	2	Under a	Attic (Ve	ented)	Bonus	30			418 ft²		0.11		Wood	
						WA	LLS	VANIAL PROPERTY.	******					
V#	Omt	Adjace To		Type	Space	Cavity R-Value	Wid	ith	Height Ft. In	Area	Sheathing R-Value	Framing Fraction	Solar Absor	
1	N	Exterior		e Brick - Wood	Main	13	13	8	9	123.0 ft²	0	0.23	0.75	0
2	N	Exterior	Fac	e Brick - Wood	Main	13	23		9	207.0 ft²	0	0.23	0.75	0
3	N	Garage	Fra	me - Wood	Main	13	27	5	9	243.0 ft²	0.63	0.23	0.75	0
4	E	Exterior	Fac	e Brick - Wood	Main	13	50	8	9	456.0 ft²	0	0.23	0.75	0
5	S	Exterior	Fac	e Brick - Wood	Main	13	31	6	9	283.5 ft²	0	0.23	0.75	0
6	S	Exterior	Fac	e Brick - Wood	Main	13	24	4	9	219.0 ft²	0	0.23	0.75	0
7	S	Exterior	Fac	e Brick - Wood	Main	13	13	8	9	123.0 ft²	0	0.23	0.75	0
8	W	Exterior	Fac	e Brick - Wood	Main	13	60	2	9	541.5 ft²	0	0.23	0.75	0
9	N	Exterior	Fran	me - Wood	Bonus	13	15	8	9	141.0 ft²	0.63	0.23	0.75	0
DOORS														
V	#	Omt		Door Type	Space			Storms	U-Valu	ie Ft	Width In	Height Ft	ln	Area
	1	N		Insulated	Main			Metal	.46	6		8		48 ft²
	2	N		Insulated	Main			Metal	.46	3		6	8	20 ft²
<u> </u>	3	N		Insulated	Main			Metal	.46	2	8	6	8 1	7.8 ft²
		MANUEL WE THE		Ori	entation show		OWS		d orientation					
1	STATE OF THE PARTY OF	Wall			CHIOSON ONO.	mis the ch	toreo, i	торозс	o one mation	C-1	hang	A STREET		-
V #	ŧ 0	mt ID	Frame	Panes	NFRC	U-Factor	SHGC		Area		Separation	Int Sha	de :	Screening
1	1	N 1	Vinyl	Low-E Double	Yes	0.55	0.5		12.4 ft²	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None
2	2	N 2	Vinyl	Low-E Double	Yes	0.55	0.5		26.4 ft²	7 ft 3 in	0 ft 4 in	Drapes/b	linds	None
3	3	E 4	Vinyl	Low-E Double	Yes	0.55	0.5		17.1 ft²	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None
4	1	E 4	Vinyl	Low-E Double	Yes	0.55	0.5		4.4 ft <sup>2</sup>	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None
5	5	E 4	Vinyl	Low-E Double	Yes	0.55	0.5		7.3 ft²	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None
6	3	S 5	Vinyl	Low-E Double	Yes	0.55	0.5		90.7 ft²	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None
7	7	S 5	Vinyi	Low-E Double	Yes	0.55	0.5		8.0 ft²	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None
8	3	S 6	Vinyl	Low-E Double	Yes	0.55	0.5		99.7 ft²	14 ft 0 in	0 ft 4 in	Drapes/b	linds	None
9	•	S 6	Vinyl	Low-E Double	Yes	0.55	0.5		15.1 ft²	14 ft 0 in	0 ft 4 in	Drapes/b	linds	None
10	0	S 7	Vinyl	Low-E Double	Yes	0.55	0.5		54.9 ft²	8 ft 4 in	0 ft 4_in	Drapes/b	linds	None
1	1 1	8 V	Vinyl	Low-E Double	Yes	0.55	0.5		12.2 ft²	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None
1	2 ١	N 8	Vinyl	Low-E Double	Yes	0.55	0.5		12.4 fl <sup>2</sup>	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None
1	3	N 9	Vinyl	Low-E Double	Yes	0.55	0.5		24.9 ft²	2 ft 0 in	0 ft 4 in	Drapes/b	linds	None

					G	ARAGE								
$\vee$	#	Floor Area	. C	Ceiling Area	Expose	d Wall Perimeter	٢	Avg. Wall	Height	Expos	ed Wall	Insulatio	n	
,	_ 1	710.1 ft²		292 ft²		79.6 ft		9 ft			1			
					INFIL	TRATION								
#	Scope	Method		SLA	CFM 50	ELA	EqL	Α .	ACH	AC	H 50			
1 W	holehouse	Best Guess		.0005	4565.4	250.63	471.	35	.474	8.8	3616			
					HEATI	NG SYSTEM	unakim.				Save			***
	#	System Type		Subtype		Efficie	ency	Cap	pacity			Block	D	Oucts
	_ 1	Electric Heat Pur	тр	None		HSPF	7.7	35 k	Btu/hr			1	s	ys#1
					COOLI	NG SYSTEM	mu addi							
V	#	System Type		Subtype		Efficier	псу	Capacity	Air	Flow :	SHR	Block	D	ucts
	- 1	Central Unit		None		SEER:	14	35 kBtu/hr	1050	cſm	0.75	1	sy	ys#1
					HOT WA	TER SYSTE	VI				erenamakena			
V	#	System Type	SubType	Location	EF	Сар		Use	SetPnt		Cor	nservatio	n	
	_ 1	Electric	None	Garage	0.92	66 gal	6	0 gal	120 deg			None		
				SOL	AR HOT	WATER SYS	TEN	n			minutosatina			
<b>V</b>	FSEC Cert #		ime		System M	odel#	Coll	ector Mode		ollector Area	Stora		FEF	
	None	None								ft²				
				Market Street	D	UCTS						-	-	
/	#	— Supp	ly Value Area	— Retu	um — Area	Leakage Typ		Air Handler	CFM 25 TOT	CFM25 OUT	ON	DIF		AC#
	44	LUGGIUII I	Anine wines	Location	Alea	Leakage Typ	C	nangier	101	001	QN	RLF	Heat	Coc

		and the second			TEM	PERATU	RES						
Programable Thermosta	t Y	***************************************		C	eiling Fans	s:		SE SECTION AND VIOLENCE					mint out of the
Cooling   Jan   Heating   Jan   Venting   Jan	Feb X Feb Feb	Mar X Mar X Mar	Ap Ap [X] Ap	-	May May May	X Jun Jun Jun	] Jul   ] Jul   [X] Jul	[X] Aug [ ] Aug [ ] Aug	XIS IS IS	ep ep ep	X Oct	X Nov X Nov X Nov	Dec X Dec Dec
Thermostat Schedule: HI Schedule Type	RS 200	6 Reference 1	2	3	4	5	Hou 6	urs 7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Florida Code Compliance Checklist
Florida Department of Business and Professional Regulations Residential Whole Building Performance Method

ADDRESS:	PERMIT #:
Lake City, FL, 32055-	

### MANDATORY REQUIREMENTS SUMMARY - See individual code sections for full details.

COMPONENT	SECTION	SUMMARY OF REQUIREMENT(S)	CHECK
Air leakage	402.4	To be caulked, gasketed, weatherstripped or otherwise sealed.  Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces: gasketed doors & outdoor combustion air. Must complete envelope leakage report or visually verify Table 402.4.2.	/
Thermostat & controls	403.1	At least one thermostat shall be provided for each separate heating and cooling system. Where forced-air furnace is primary system, programmable thermostat is required. Heat pumps with supplemental electric heat must prevent supplemental heat when compressor can meet the load.	~
Ducts	403.2.2	All ducts, air handlers, filter boxes and building cavities which form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section 503.2.7,2 of this code.	
	403.3.3	Building framing cavities shall not be used as supply ducts.	
Water heaters	403.4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2. Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	V
Mechanical ventilation	403.5	Homes designed to operate at positive pressure or with mechanical ventilation systems shall not exceed the minimum ASHRAE 62 level. No make-up air from attics, crawlspaces, garages or outdoors adjacent to pools or spas.	~
Swimming Pools & Spas	403.9	Pool pumps and pool pump motors with a total horsepower (HP) of = 1 HP shall have the capability of operating at two or more speeds. Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency=78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	MA
Cooling/heating equipment	403.6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat >10kW must be divided into two or more stages.	V
Ceilings/knee walls	405.2.1	R-19 space permitting.	1/

wrightsoft\*

**Project Summary Entire House Bryan Zechor const** 

Job: Date: Feb 16, 2015 By:

## Project Information

For:

Dicks Residence, Touchstone Heating and Air inc 490 se 3rd ave, lake butler, fl 32054 Phone: (386)496-3467 Fax: (386)496-3147

Web: touchstone heatingonline.com Email: rmtouchstone@hotmail.com

Notes:

# Design Information

Gainesville, FL, US Weather:

### Winter Design Conditions

Outside db		33	°F
Inside db		70	°F
Design TD	27	37	°F
Design ID		07	

# Summer Design Conditions

22	100
75	°F
17	°F
10000	D/
	%
52	gr/lb
	75 17 M 50

### **Heating Summary**

Structure	57113	Btuh
Ducts	4178	Btuh
Central vent (0 cfm)	0	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	61290	Btuh

### Infiltration

Method Construction quality Fireplaces		Simplified Average 0
Area (ft²) Volume (ft³)	Heating 2071 14737 0.32	Cooling 2071 14737 0.16
Air changes/hour Equiv. AVF (cfm)	79	39

# Sensible Cooling Equipment Load Sizing

Structure Ducts Central vent (0 cfm) Blower	35781 Btuh 4532 Btuh 0 Btuh 0 Btuh
Use manufacturer's data Rate/swing multiplier Equipment sensible load	0.97 39104 Btuh

# Latent Cooling Equipment Load Sizing

Structure Ducts Central vent (0 cfm) Equipment latent load	41082 1129 0 42211	Btuh Btuh
Equipment total load Reg. total capacity at 0.70 SHR	81315 4.7	

## **Heating Equipment Summary**

Make	york
Trade	york
Model	YHJF60T4
AHRI ref	7070220
Efficiency Heating inp Heating out Temperature	tout / -/

Actual air flow Air flow factor Static pressure Space thermostat

# **Cooling Equipment Summary**

wake	york		
Trade	york		
Cond	YHJF60T4		
Coil	AHV60D3X		
AHRI ref	7070220		
Efficiency		15 SEER	
Sensible c	ooling	0	Btuh
Latent coo		0	Btuh
Total cooli		Ō	Btuh
A atual air	flour	1790	cfm
Actual air			cfm/Btuh
Air flow fa		0.044	in H2O
Static pres	ssure	2 10	111 1120
Load sens	ible heat ratio	0.49	

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

ompliance

**Load Short Form** +++ wrightsoft Entire House **Bryan Zechor const** 

Job:

Date: Feb 16, 2015

Ву:

# **Project Information**

For:

Dicks Residence, Touchstone Heating and Air inc 490 se 3rd ave, lake butler, fl 32054 Phone: (386)496-3467 Fax: (386)496-3147 Web: touchstone heatingonline.com Email: rmtouchstone@hotmail.com

	Htg	Clg		Infiltration
Outside db (°F)	33	92	Method	Simplified
nside db (°F)	70	75	Construction quality	Average
esign TD (°F)	37	17	Fireplaces	0
aily range		M	Student and total Tray Student Student	
side humidity (%)	30	50		
Noisture difference (gr/lb)	11	52		

### **HEATING EQUIPMENT**

### **COOLING EQUIPMENT**

Make Trade Model AHRI ref	york york YHJF60T4 7070220		Make Trade Cond Coil AHRI ref	york york YHJF60T4 AHV60D3X 7070220	
Efficiency Heating inp Heating ou Temperatu Actual air f Air flow far Static pres	tput re rise flow ctor ssure	°F cfm	Efficiency Sensible of Latent cool Total cooli Actual air Air flow fa Static pres	cooling bling ng flow cotor	Btuh Btuh Btuh cfm cfm/Btuh in H2O

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Master Bedroom	240	6106	3896	178	173
Master Closett	63	2036	2150	59	95
Master bathroom	255	5905	3137	172	139
his closett	45	1740	776	51	34
	100	6586	4248	192	189
dining room kitchen	120	574	301	17	13
	480	14788	10349	432	460
livingroom	54	2325	1389	68	62
utility	210	6155	3228	180	143
Bedroom Bath	84	2174	1952	64	87
- 110000000	210	6958	4739	203	210
bedroom 2 formal dining	210	5942	4148	174	184

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

TOUCHSTONE HEATING AND AT

Entire House Other equip loads Equip. @ 0.97 RSM Latent cooling	2071	61290 0	40313 0 39104 42211	1790	1790
TOTALS	2071	61290	81315	1790	1790

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Bryan Zecher Construction Lake City, Florida

### PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			Approval (valiber(s)
A. SWINGING	Thermo-Tru	exterior himaddones.	FL 5891-R3
B. SLIDING	PGT	stiding glass doors	FL 261- DIE
C. SECTIONAL		201 Con dans	FL 251-R15
D. ROLL UP		garage Goors	FL 5678-R2
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	PGT	1.1.1.1	P 222 2.2
B. HORIZONTAL SLIDER	PGT	window	FL 239-R19
C. CASEMENT		window	FL Z42-R16
D. DOUBLE HUNG			
E. FIXED	PGT	1.111	
F. AWNING	101	Window	FL Z43-R14
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	certainteed	cement fibered siding	FL1573-R2
B. SOFFITS	Kaycon	aluninan sossit Hadia	FL 12198 - R1
C. EIFS	Kaycon	stuccosinish	FL15026-R
D. STOREFRONTS			TE TOO LO
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	centainteed	At at a to a great	
B. UNDERLAYMENTS		Anch Shingles 30 yr.	FL 5444-R3
C. ROOFING FASTENERS	GAF	lan papen	FL 4911 - R3
D. NON-STRUCTURAL	oma	hoofing nails	FL699-R3
METAL ROOFING			
. WOOD SHINGLES AND		COUNTY BUILDING	
SHAKES		COUNTY BUILDING	
ROOFING TILES			
G. ROOFING TILES		for for	
		S FILE COPY	
H. WATERPROOFING		101 6-1	
BUILT UP ROOFING		Compliance	
ROOF SYSTEMS		Avo Can	
MODIFIED BITUMEN		S EXALAINEN	
SINGLE PLY ROOF			
SYSTEMS		I	T .

L. ROOFING SLATE	T ·
M. CEMENTS-ADHESIVES	
COATINGS	

anufacturer	Product Description	Approval Number(s)
		energy of the last
USPC		
OLD C	auchors	FL5631-R1
	,	

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

CONTRACTOR'S SIGNATURE

BRYAN ZECHER. PRINT NAME

# Alpine, an ITW Company

2400 Lake Orange Drive suite 150 Orlando FL 32837 Florida Engineering Certificate of Authorization Number: 0 278 Florida Certificate of Product Approval # FL 1999 Page 1 of 1 Document ID:1VDT487-Z0109100616

Truss Fabricator: Anderson Truss Company

Job Identification: 15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City FI

Truss Criteria: FBC2010Res/TP1-2007(STD)

Engineering Software: Alpine Software, Version 14.03.

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 - 37.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 120 MPH ASCE 7-10 -Closed

Notes:

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

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

3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

02/09/2015

William H. Krick -Truss Design Engineer-

CHIMINITH HILLIANS

2400 Lake Orange Dr, Suite 150 Orlando FL, 32837

Details: BRCLBSUB-12015EC1-GBLLETIN-GABRST10-VAL16010-

#	Ref Description	Drawing#	Date		#	Ref Description	Drawing#	Date
1	24012A 51' Common	15040057	02/09/15		34	24045-H17A 46'10"4 Com	15040090	02/09/15
2	24013A1 51' Common	15040058	02/09/15		35	24046-H19A 46'10"4 Com	15040091	02/09/15
3	24014B 26'11" Common	15040059	02/09/15		36	24047-H2 13'6" Stepdow	15040092	02/09/15
4	24015-BDG 26'11" Gable	15040060	02/09/15		37	24048H23A 51' Common	15040093	02/09/15
5	24016C 21'5"8 Common	15040061	02/09/15	3	38	24049H27 51' Common	15040094	02/09/15
6	24017-CDG 21'5"8 Gable	15040062	02/09/15	3	39	24050H29 51' Common	15040095	02/09/15
7	24018CJ1 1' End Jack	15040063	02/09/15	4	40	24051H37 51' Special	15040096	02/09/15
8	24019-CJ1A 2'9"7 End J	15040064	02/09/15	4	41	24052-H7 50'8"8 Stepdo	15040097	02/09/15
9	24020CJ1B 1'3"7 Jack	15040065	02/09/15	4	42	24053-H7A 51' Mono Hip	15040122	02/09/15
10	24021CJ1C 1'3"7 Jack	15040066	02/09/15	4	43	24054-H9 50'8"8 Stepdo	15040098	02/09/15
11	24022CJ1D 2'2"3 Jack	15040067	02/09/15	4	44	24055-H9A 46'10"4 Comm	15040099	02/09/15
12	24023CJ3 3' Jack	15040068	02/09/15	4	45	24056-HJ1 1'5" Hip Jac	15040100	02/09/15
13	24024-CJ3A 4'10"3 End	15040069	02/09/15	4	46	24057-HJ7 9'10"13 Hip	15040101	02/09/15
14	24025CJ3B 3'3"7 Jack	15040070	02/09/15	4	47	24058-HJ7A 7'5"11 Hip	15040102	02/09/15
15	24026CJ3C 3'3"7 Jack	15040071	02/09/15	4	48	24059-HJ7B 6'5"8 Hip J	15040103	02/09/15
16	24027CJ3D 5' Jack	15040072	02/09/15	4	49	24060-PB 18'8"9 Specia	15040104	02/09/15
17	24028CJ5 5' Jack	15040073	02/09/15	5	50	24061-PB1 18'8"9 Speci	15040105	02/09/15
18	24029CJ5A 4'8"8 Jack	15040074	02/09/15	5	51	24062-PB10 17'6"8 Comm	15040106	02/09/15
19	24030-D 7' Common Gird	15040075	02/09/15	5	52	24063-PB11 17'6"8 Comm	15040107	02/09/15
20	24031DDG 7' Gable	15040076	02/09/15	5	53	24064-PB12 17'6"8 Comm	15040108	02/09/15
21	24032EJ7 7' End Jack	15040077	02/09/15	5	54	24065-PB13 17'6"8 Comm	15040109	02/09/15
22	24033-EJ7A 7' End Jack	15040078	02/09/15	5	55	24066-PB14 17'6"8 Comm	15040110	02/09/15
23	24034-EJ7B 7' End Jack	15040079	02/09/15	5	56	24067-PB15 17'6"8 Comm	15040111	02/09/15
24	24035-EJ7C 7' End Jack	15040080	02/09/15	5	57	24068-PB2 18'8"9 Speci	15040112	02/09/15
25	24036-EJ7D 7' End Jack	15040081	02/09/15	5 TV CV 5	58	24069-PB3 18'8"9 Speci	15040113	02/09/15
26	24037-H1 13'6" Stepdow	15040082	02/09/15	OUNTY BUILD 5	59	24070-PB4 18'8"9 Commo	15040114	02/09/15
27	24038-H11 51' Stepdown	15040083	02/09/15	Ason V6	60	24071-PB5 20'5"7 Commo	15040115	02/09/15
28	24039-H11A 46'10"4 Com	15040084	02/09/15	Received	1	24072-PB6 20'5"7 Commo	15040116	02/09/15
29	24040-H13 51' Stepdown	15040085	02/09/15	TOT I	2	24073-PB7 20'5"7 Commo	15040117	02/09/15
30	24041-H13A 46'10"4 Com	15040086	02/09/35	ILEON	3	24074-PB8 20'5"7 Commo	15040118	02/09/15
31	24042-H15 51' Stepdown	15040087	02/09/45	UDIA	64	24075-PB9 20'5"7 Speci	15040119	02/09/15
32	24043-H15A 46'10"4 Com	15040088	02/09/15		承	24076-PBB 3'5"11 Commo	15040120	02/09/15
33	24044-H17 51' Stepdown	15040089	02/09/15	Compliance S	56	24077-PBB1 3'5"11 Gab1	15040121	02/09/15
			1	Vs				

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # # # 1 :B2 2x4 SP M-30:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

MWFRS loads based on trusses located at least  $30.00\ \text{ft.}$  edge. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. from roof

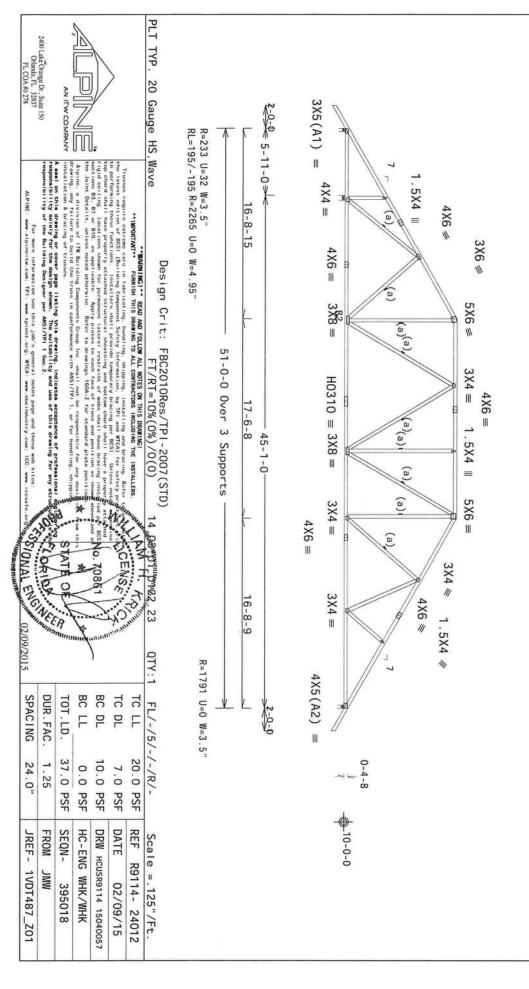
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18

design. Wind loads and reactions based on MWFRS with additional C&C member

(a) Continuous lateral restraint equally spaced on

Bottom chord checked for 10.00 psf non-concurrent live load

Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. WARNING: Furnish a copy of this DWG to the installation contractor



Top chord 2x4 SP #1
Bot chord 2x4 SP #1:B2 2x4 SP M-30
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use purlins to brace all flat TC @ 24  $^{\circ}$  OC.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Negative reaction(s) of -403# MAX. (See below) from a non-wind load case requires uplift connection.

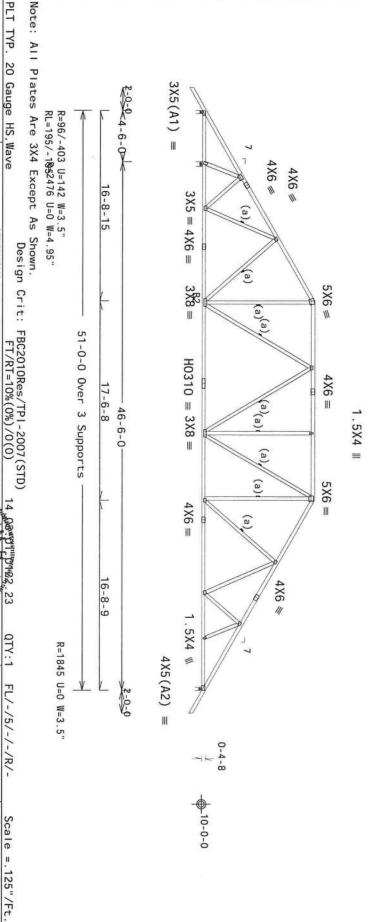
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load

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

MWFRS loads based on trusses located at least  $30.00\ \text{ft.}$  from roof edge.



2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278

ALPINE:

for more information see this job's general notes page and these www.alpineitw.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com;

: ICC: www.

ENGINEER

02/09/2015

TOT.LD.
DUR.FAC
SPACING

24.0"

JREF-

1VDT487\_Z01

SEQN-FROM

AN ITW COMPANY

Trusses require extreme care in fabricating, handling, shipping, installing and breating. Refer the latest edition of RESI (building Component Safety Information, by TDI and WTGA) for safety to performing those functions. Installers shall provide temperary breating per BCSI, Unless no top product shall have properly stranded structural shouthing and britten chord shall have a properly stranded structural shouthing and britten extended shall have a projection for permanent lateral restraint of most shall have bracing instructural shouthing. Lecations shown for permanent lateral restraint of most shall have bracing instructures B3. B7 or B10, an applicable Apply plates to each face of truss and position as shown the Joint Details, unloss noted otherwise. Bofer to dreamings 1604-Z for standard plates position

TC DL

7.0 PSF

DATE

02/09/15

TC LL

20.0 PSF

REF

R9114- 24013

BC LT

0.0 PSF 37.0 PSF

> DRW HCUSR9114 15040058 HC-ENG WHK/WHK

395019

10.0 PSF

37.0 1.25 \*\*WARNING! \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING! THE INSTALLERS

Alpine, a division of ITB Building Components Group Inc. shall not be responsible for any dovidrawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipp installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional responsibility so title Building Designer per ANSI/TPI 1 Sec.2.

Top chord 2x4 SP 2850f-2.3E :T2, T4 2x6 SP M-26: :T3 2x4 SP #1:
Bot chord 2x10 SP 2400f-2.0E :B1 2x10 SP #1 Dense: :B2 2x4 SP #1: In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  OC. Value Set: 13B (Effective 6/1/2013) PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Collar-tie braced with continuous lateral bracing at 24" 0C. or rigid ceiling. Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 2-8-8 Webs 2x4 SP #3 18 Gauge HS, Wave AN ITW COMPANY 2-0-9 3X10 III 4X6 // RL=195/-195 R=2229 U=40 W=3.5' Trusses require extreme care in fabricating, the latest edition of RSSI (gluiding Component to performing these functions. Installers shall cop chord shall have properly attached structur rigid ceiling. Lecktons shown for permanent I sections 83, 87 or 850, as applicable. Apply the the Joint Details, unless mood otherwise. Ref 4 seal on this drawing or cover page listing this drawing, indicates acceptance of professions eapponsibility solely for the design above. The suitability and use of this drawing for any a responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see this job's general notes page and these web sites ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www. SS0514 # \*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS <sup>B1</sup>6X10(R) 8-10-3 2.5X6 III Design Crit: FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0) 11-8-11 = 2X4 ≡ 1-1-13 SS0712 26-11-0 Over 2 Supports 8-0-0 Ш 1.5X3 Ⅲ 5X6 ≤ 3-5-11 8-0-13 15-8-0 4X5(R) ///////
Bottom chord checked for 10.00 psf non-concurrent live load. 3X4 ≡ Calculated horizontal deflection is 0.27" due to live load and 0.42" due to dead load. Wind loads and reactions based on MWFRS with additional C&C member 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18End verticals not exposed to wind pressure  $2X4 \equiv BC$  attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 5-7-8 to 21-3-8. ENGINEER 8X8 ≡ 9 6X10(R) 11-8-11 2.5X6 W 02/09/2015 8-10-3 SS0514 🕸 QTY:13 FL/-/5/-/-/R/-BC LL BC DL TC DL SPACING DUR. FAC TC LL TOT.LD. R=2229 U=40 W=3.5" 3X10 4X6 / 37.0 1.25 10.0 PSF 20.0 PSF 24.0" 7.0 PSF 2-0-07 0.0 PSF = PSF SEQN-DATE FROM REF JREF-HC-ENG WHK/WHK DRW HCUSR9114 15040059 Scale = .25"/Ft. R9114- 24014 1VDT487\_Z01 02/09/15 394253

Top chord 2x4 SP #1

Bot chord 2x4 SP #1

Bot several 2x4 SP #1:

Webs 2x4 SP #3: W2. W3 2x4 SP #1:

Stack Chord SC1 2x4 SP #1::Stack Chord SC2 2x4 SP

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

End verticals not exposed to wind pressure.

See DWGS A12015ENC101014, GBLLETIN1014, & GABRST101014 for gable wind bracing requirements.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6. Dropped chord (SC)

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

(\*\*) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18

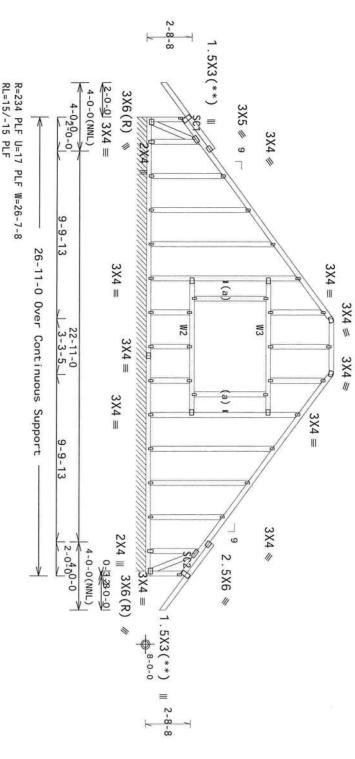
Wind loads and reactions based on MWFRS with additional C&C member design.

Truss designed to support 2-0-0 top chord outlookers and 10.00 PSF cladding load one face, and  $24.0^\circ$  span on opposite face. Top chord must not be cut or notched.

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\odot}$ 

Bottom chord checked for 10.00 psf non-concurrent live load



Note: All Plates Are 1.5X3 Except As Shown.

PLI TYP. Wave    PLI TYP. Wave   Design Crit: FBC2010Res/TPI-2007(STD)									
FIT/RT=10%(0%)/0(0)  14 Designation of the property of the pro	Orlando, FL 32837 FL COA #0 278	2400 Lake Orange Dr., Suite 150	AN ITW COMPANY		j,	>		PLT TYP. Wave	
TC LL 20.0 PSF TC DL 7.0 PSF BC DL 10.0 PSF BC LL 0.0 PSF TOT.LD. 37.0 PSF DUR.FAC. 1.25 SPACING 24.0"	ALPINE www.alpineitw.com; TPI www.tpinet.org; NTCA; www.sbcindustry.com; ICC www.iccoare.org, OAMALE 07/00/201	responsibility solely for the design shown. The suitability and use of this drawing for any structure length of the Building Designer per MSI/TPI 1 Sec. 2.	installation & forming or cover page lieting this drawing. Indicates acceptance of professional software SATA OF A seal on this drawing or cover page lieting this drawing. Indicates acceptance of professional software SATA OF A seal on this drawing or cover page lieting this drawing. Indicates acceptance of professional software SATA OF A seal on this drawing or cover page lieting this drawing. Indicates acceptance of professional software SATA OF A seal on this drawing or cover page lieting this drawing.	the Joint Details, unless noted otherwise. Refer to drawings 1604-2 for standard plate positions.  Alpine, a division of TW Building Components Group Inc., shall not be responsible for any device to come this.	top chord shall have properly attached structural shoathing and better chord shall have a proposty attached trigid couling. I locations shown for permanent lateral restraint of week shall have bracing installed park BCS, sections 83. BY or BTO, as applicable. Apply plates to each face of tries and position as shown and on 10.70861	trouses require extreme care in fabricating, handling, shipping, installing and bracing, knor to account the law of the fabricating band of the fabrication of the fa	3	14 David 4110422.23	Design Crit: FBC2010Res/TPI-2007(STD)
N N N N N	SPACIN	DUR.FA	TOT.LD	BC LL	BC DL	TC DL	TC LL	:1 FL/-/	
		::00:		0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF	5/-/-/R/-	
	JREF- 1VDT487_Z01	FROM JMW	SEQN-					Scale = .1875"/Ft.	

PLT TYP. Wave Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3 Value Set: 13B (Effective 6/1/2013) Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY L1-6-0 2X4 (A5R) = RL=118/-118 R=909 U=36 W=3.5" Alpino, a division of ITW Building Compone frawing, any failure to build the truss in installation & bracing of trusses. -seal on this drawing or cover page listing this drawing, indicates acceptance of professions exponsibility solicy for the design shown. The suttability and use of this drawing for any apponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. For more information see this job's general notes page and these ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; .. IMPORTANT... \*\*MAJNING! \* READ AND FOLLOW ALL NOTES ON THIS DRAWING!
T\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS Design Crit: FBC2010Res/TPI-2007(STD) 10-8-12 1.5X3 ₩ Safety information, by TPI and WTCA) for FT/RT=10%(0%)/0(0) 21-5-8 Over 2 Supports 5X6 ≡ 4X4 ≡ : ICC: www. 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.  $G_{\rm CP}(+/-)=0.18$ Bottom chord checked for 10.00 psf non-concurrent live load Wind loads and reactions based on MWFRS with additional C&C member 14.03u@#w.1,20.16 SIGNAL ENGRY 1.5X3 ₡ 10-8-12 02/09/2015 QTY:2 BC DL TC DL BC LL TC LL SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/-R=909 U=36 W=3.5" 2X4(A5R) = WD F1-6-0 1.25 37.0 PSF 24.0" 10.0 PSF 20.0 PSF 0.0 PSF 7.0 PSF DATE REF FROM SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040061 JREF - 1VDT487\_Z01 Scale = .3125"/Ft. R9114 - 24016 391090 02/09/15

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP #
:Stack Chord SC1 2 PLT TYP. Wave See DWGS A12015ENC101014, GBLLETIN1014, & GABRST101014 for gable wind Value Set: 13B (Effective 6/1/2013) Note: All Plates Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Bottom chord checked for 10.00 psf non-concurrent live load bracing Lumber value set "13B" 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 requirements AN ITW COMPANY K-6-6-#1 #1 #3 2x4 SP #1::Stack Chord SC2 2x4 SP 4-0-0(NNL)  $2X4(C5) \equiv$ Are 1.5X3 Except As Shown. 3X4(C5) =4005091-6-7 R=162 PLF U=15 PLF W=21-2-0 RL=11/-11 PLF uses rigiu celling. Locations snown for permanent lateral restraint of webs shall have brocing sections 83, 87 or 810, as applicable. Apply platen to cash face of truss and pastron as the Joint Details, unless noted otherwise. Refer to drawings 160A-7 for standard plate pus Alpine, a division of ITW Building Components Brawing, any fatture to build the truss in conf installation & bracing of trusses -seal on this drawing or cover page listing this drawing, indicates acceptance of professio seponsibility society for the design shown. The suitability and use of this drawing for any exponsibility of the Buliding Designer per AMS/TP1 i Sec. 2. usses require extreme care in fabricating, handling, shipping, installing and bracilatest edition of BCSI (Building Component Safety Information, by TP) and WTCA) for design values approved 1/30/2013 by ALSC 3X4 / ALPINE .. INDUSTRALIA ... INCLUSIONI ... For more information see this job's general notes page and these www.alpineitw.com; TP1; www.tpinst.org; WTCA; www.abcindustry.com Design Crit: FBC2010Res/TPI-2007(STD) NING: \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!
FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS 8-8-12 #1: FT/RT=10%(0%)/0(0) 3X4 ≡ 3X4 ≡ 21-5-8 Over 2 Supports 3X4 ≡ 4X4 = 17 - 5 - 8Ħ : ICC: www. 3X4 ≡ 3X4 ≡ Truss designed to support 2-0-0 top chord outlookers and cladding load one face, and  $24.0^\circ$  span on opposite face. must not be cut or notched. 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18 using 3x6. Stacked top chord must NOT be notched or cut in area (NNL). perpendicular to chord length. Splice top chord in notchable area Center plate on stacked/dropped chord interface, plate length top chord braced at 24" o.c. intervals. Attach stacked top chord (SC to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Wind loads and reactions based on MWFRS with additional C&C member 8-8-12 ENGINEER QTY:1 3X4 ⋈ BC LL BC DL TC SPACING TC LL DUR. FAC TOT.LD. FL/-/5/-/-/R/-R=555 U=60 W=3.5" 1-6-70-5-990 믿 Sez D 2X4(C5) 4-0-0(NNL) 3X4(C5) =37.0 K1-6-9 10.0 PSF 24.0" 1.25 20.0 PSF 0.0 7.0 PSF PSF PSF 10.00 PSF Top chord DATE SEQN-FROM HC-ENG WHK/WHK DRW HCUSR9114 15040062 JREF-Scale = .3125"/Ft. Dropped R9114 - 24017 1VDT487\_Z01 02/09/15

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

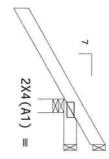
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Bottom chord checked for 10.00 psf non-concurrent live load

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



R=2 Rw=15 U=19

R=-102 Rw=3D-14-726 -9-7-13

2-0-0—> 1-0-0 <u>Dyer 3 Supports</u>

R=330 U=52 W=3.499"

RL=28/-24

Design Crit: FBC2010Res/TP1-2007(STD)

PLT TYP. Wave

QTY:9

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

TC LL

20.0 PSF

REF R9114- 24018

Scale = .5"/Ft.

7.0 PSF

DATE

02/09/15

Trunces require serveme care in fair leating, handling, shipping, inscalling and tracing florid serveme care in fair leating, handling, shipping, inscalling and tracing florid servement (fluiding floriding and better floriding floriding

rescuent betails, unless noted otherwise. Refer to each face of trucks and positions as shown along and the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard place positions.

Alpine, a division of TW Building Components Group Inc. shall not be responsible for any downsham row the drawing, any for lure to build the truck in conformance with AMSI/TPI 1, or for handling, shipping making any page 11 sting this drawing, Indicates acceptance of professions 2 profess

For more information see this job's general notes page and those web sites.

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AN ITW COMPANY



37.0 PSF 1.25

SEQN-

391099

DRW HCUSR9114 15040063 HC-ENG WHK/WHK

10.0 PSF 0.0 PSF

24.0"

JREF-

1VDT487\_Z01

FROM

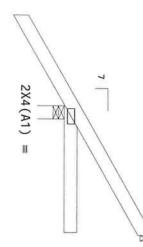
Top chord 2x4 SP 2850f-2.3E Bot chord 2x4 SP 2850f-2.3E

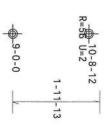
Bottom chord checked for 10.00 psf non-concurrent live load

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

design. Wind loads and reactions based on MWFRS with additional C&C member







Design Crit: FBC2010Res/TPI-2007(STD)

FT/RT=10%(0%)/0(0)

14. Q3,,,,Q,1,22. 23

QTY:1

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

Scale = .5"/Ft

R9114- 24019

TC DL

7.0 PSF

DATE REF

02/09/15

TC LL

20.0 PSF

RL=46/-28 R=288 U=21 W=3.5"

PLT TYP. Wave

Trusses require extreme care in fabricating, handling, shipping, installing and bracin the latest edition of BSS1 (Uniting Geophones Sately Information by PPI and WEA) for the performing these finetions. Installers shall provide comparary bracing per BSS1. United performs the performance of the pe \*\* IMPORTANT \*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

t seal on this drawing or cover page listing this drawing, indicates acceptance of profess emponsibility solely for the design shown. The suitability and use of this drawing for a exponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. For more information see this job's general notes page and these web sites ALPINE: www.alpinoitw.com, TFI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.

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AN ITW COMPANY

Alpino, a division of ITW Bu drawing, any failure to build installation & bracing of true

SHOWAL ENGLY HE BC DL BC LL SPACING DUR. FAC TOT.LD. 37.0 PSF 10.0 PSF

24.0" 1.25 FROM JREF-1VDT487\_Z01 MM

0.0 PSF

HC-ENG WHK/WHK DRW HCUSR9114 15040064

SEQN-

395020

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

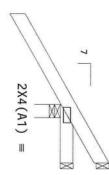
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Bottom chord checked for 10.00 psf non-concurrent live load

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

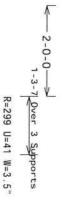
Wind loads and reactions based on MWFRS with additional C&C member design.

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



R=-59 Rw=23  $\mu = 45$ 

R=9 Rw=16 U=13 +10-0



Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

14.03, 0.1, 0.1

QTY:1

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

Scale = .5"/Ft.

R9114- 24020

TC LL

20.0 PSF

7.0 PSF

REF

02/09/15

BC DL

10.0 PSF 0.0 PSF

BC LL

37.0 PSF 1.25

SEQN-

391114

DRW HCUSR9114 15040065 HC-ENG WHK/WHK

FROM JREF-

JMW

1VDT487\_Z01

RL=31/-24

PLT TYP. Wave

AN ITW COMPANY Alping, a division of ITW Building Compone drawing, any failure to build the truss in installation & bracing of trusses. Trusses require extreme care in fabricating, handling, shipping, installing and bracing, Before the latest edition of BESI (building Campanant Safety Information, by TDI) and WTCA) for safety properties the provided from the safety property of the safety of the safety property of the safety of the safe \*\* MAGNING: \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING: \*\* NEAD AND FOLLOW ALL NOTES ON THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

rewing, any failure to build the trusk in conformance with ANSI/TPI1, or for handling, shipping attains to busing of truskes.

seal on this drawing or cover page listing this drawing, indicates acceptance of professional page asponability socialy for the design shows. The suitability and use of this drawing for any stream appearability socialy for the building designs for ANSI/TPI1 1 Sec. 2.

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DUR. FAC

24.0"

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Bottom chord checked for 10.00 psf non-concurrent live load

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



R = -48 Rw = 22 gL + 3 R = 14 Rw = 17 U = 7  $2X4 \text{ (B1)} \equiv$ 

R=-48 Rw=22 dL334.4 9-7-12

— 2-0-0<u>0-90</u>≿15 1-3-7<u>[2ver 3 Supp</u>orts

R=275 U=54 W=4.95'

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

QTY:1

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

Scale = .5"/Ft.

R9114- 24021

TC LL

20.0 PSF

7.0 PSF

DATE

02/09/15

PLT TYP. Wave

\*\*INDORTANT\*\* FEBRUSH THIS DRAWN FOLLOW ALL MOTES ON THIS DRAWNED THE INSTALLERS.

Trusses require excreme care in fabricating, handling, shipping, installing and bracing, Boror to resolve on them of BCSI (Building Component Sarety Information, by PDI and WICA) for safety post of the safety post o

Alpino, a division of ITB Building Components Oroup Inc. shall not be responsible for any document of craining any follows to build the Eules in conformance with MS/ITPI 1, or for handling, shipped installation & bracing of Eulesias.

Installation & bracing of Eulesias.

A seal on this drawing or cover page listing this drawing, indicates acceptance of profession Department of the Building or cover page listing this drawing. Indicates acceptance of profession Department of this drawing for any structure.

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ALPINE

AN ITW COMPANY

CENSE C TC DL

BC DL

BC LL

TOT.LD.

DUR.FAC.

SPACING

SPACING

37.0 PSF

1.25

JREF-

1VDT487\_Z01

SEQN-FROM

JMW

395021

10.0 PSF

0.0 PSF

DRW HCUSR9114 15040066 HC-ENG WHK/WHK

Top chord 2x4 SP M-30 Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

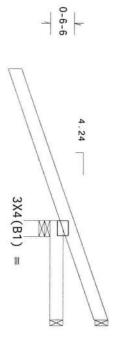
Bottom chord checked for 10.00 psf non-concurrent live load

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member

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





R=29 Rw=29 U=9

2-2-3 Over 3 Supports R=449 U=90 W=4.2"

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT = 10%(0%)/0(0)

QTY:1

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

TC LL

20.0 PSF

REF R9114 - 24022

Scale =.5"/Ft.

DATE

02/09/15

DRW HCUSR9114 15040067

HC-ENG WHK/WHK

395022

RL=33/-23

PLT TYP. Wave

AN ITW COMPANY Alpino, a division of ITW Building Components Group Inc. Frawing, any failure to build the truss in conformance wi installation & bracing of trusses. \*\*WADONING: \* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*HEADONING: \* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

asal on this drawing or cover page listing this drawing, indicates acceptance of profession sponsibility so lely for the design shown. The suitability and use of this drawing for any sponsibility of the Building Designer per AMSI/TPI 1 Sec.2.

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ALPINE:

BNAL ENGINEE BC DL BC LL TC DL SPACING DUR. FAC TOT.LD. 1.25 37.0 PSF 24.0" 10.0 PSF 0.0 PSF 7.0 PSF

> FROM SEQN-

JREF-

1VDT487\_Z01

Value Set: 13B (Effective 6/1/2013) Top chord 2x4 SP #1 Bot chord 2x4 SP #1

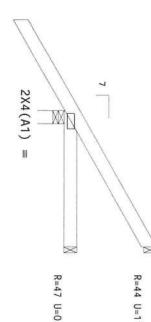
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

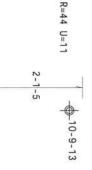
Bottom chord checked for 10.00 psf non-concurrent live load

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member

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





-2-0-0-R=291 U=20 W=3.5" <3 0 0 Over 3 Supports</p>

RL=48/-28

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

14.03,01,1120

QTY:2

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

Scale = .5"/Ft.

PLT TYP. Wave

2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY easi on this drawing or cover page listing this drawing, indicates acceptance of profession expensibility solely for the design shown. The suitability and use of this drawing for any expensibility of the Building Designor per AMSI/TPI 1 Sec.2.

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icc: www.

02/09/2015

DUR. FAC SPACING

FROM

24.0" 1.25

JREF-

1VDT487\_Z01

Trussos require extreme care in fabricating, handling, shipping, installing and pracing, the latest edition of BSI (building Component Safety information, by Fil and Wich) for said to performing those functions. Installiors shall provide comporary bearing por BSI. United performing those functions, installiors shall provide comporary bearing por BSI. United to perform shall have properly attached attractural provide comporary bearing shall have a reprinciple of the shall have bracing sections BSI. BY one BIO, as applicable. Apply plates to each foce of these shall have bracing the Joint Details, unless noted otherwise. Refer to drawings 100x2 for standard plate por the Joint Details, unless noted otherwise. Alpino, a division of 17W Building Components Group Inc. shall not be responsitively, any failure to build the truss in conformance with ARSI/TPL 1, or for installation & bracing of trusses. \*\*!WPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS BC LL BC DL TC DL TC LL TOT.LD. 37.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 7.0 PSF SEQN-DATE REF HC-ENG WHK/WHK DRW HCUSR9114 15040068 R9114- 24023 391102 02/09/15

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3

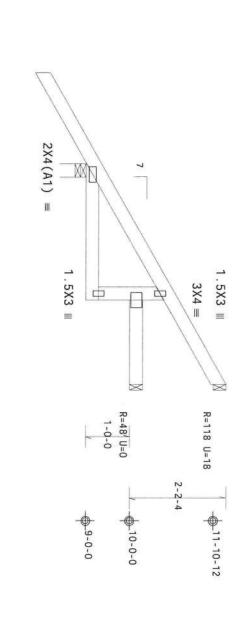
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load.





2-0-0->

R=342 U=13 W=3.5"
RL=66/-32

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY Trusses require extreme care in fabricating, handling, shipping, installing and bracing, the latest edition of DESI (building Component Safety Information, by FDI and WECK) for sa-te performing these functions. Installers shall provide temperary bracing per DESI. Unit top performing these functions. Installers shall provide temperary bracing per DESI. Unit top choose shall have properly attached extractural shapeting and bettom chord shall have a set. . seal on this drawing or cover page listing this drawing, indicates acceptance of profession temponsibility, solely for the design shown. The suitability and use of this drawing for any temponsibility of the Building Designer per AMSI/TPI: Sec. 2. Alpine, a division of ITW Building Components Group Inc. shall not be responsi Trawing, any failure to build the trues in conformance with ARSI/TPI 1, or for installation & braicing of truescs. For more information see this Job's general notes page and these ALPINE: www.aipineitw.com: TPI www.tpinst.org: WTGA: www.sbcindustry.com \*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL MOTES ON THIS DRAWING THE INSTALLERS. ; ICC: www.i 14.03,01,0122.23 STONAL ENGRYPH 02/09/2015 QTY:1 TC DL BC LL BC DL TC LL SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/-1.25 37.0 PSF 24.0" 20.0 PSF 10.0 PSF 0.0 PSF 7.0 PSF DATE FROM SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040069 REF R9114 - 24024 JREF- 1VDT487\_Z01 Scale = .5"/Ft. 02/09/15 395023

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1

Bot chord 2x4 SP #1

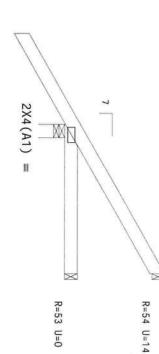
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

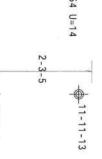
Bottom chord checked for 10.00 psf non-concurrent live load

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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







RL=50/-29

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

14.03,01,1120.

QTY:1

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

Scale = .5"/Ft.

R9114- 24025

TC LL

20.0 PSF

7.0 PSF

DATE

02/09/15

PLT TYP. Wave

TURBOR POUT OF COME OF THE BOARD FOLLOW ALL MOTES ON THIS DOWNING INSTALLERS.

TO LIABOR TOUT OF STATE IN TABLETATING MANUAL TO ALL MOTES ON THIS DOWNING IN CERTIFICATION TO ALL MOTES OF THE STATE OF

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any defraving, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, ships installation & braicing of trusses.

It seels on this drawing or cover page listing this drawing, indicates acceptance of profession responsibility so the Building Designs hown. The suttability and use of this drawing for any responsibility of the Building Designs por ANSI/TPI 1 Sec. 2.

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37.0 PSF

SEQN-

LMW

391111

1.25

JREF-

1VDT487\_Z01

10.0 PSF

DRW HCUSR9114 15040070 HC-ENG WHK/WHK

0.0 PSF

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # Value Set: 13B (Effective 6/1/2013) ##1 3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

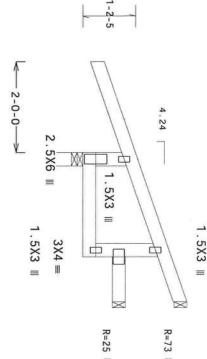
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50.\,$ 

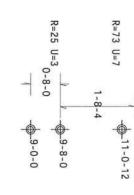
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

des ign. Wind loads and reactions based on MWFRS with additional C&C member

Bottom chord checked for 10.00 psf non-concurrent live load

Fasten rated sheathing to one face of this frame





R=277 U=23 W=3.5"

AN ITW COMPANY

PLT TYP. Wave

\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. FT/RT=10%(0%)/0(0) I

Design Crit: FBC2010Res/TPI-2007(STD)

14.03.01.0122.23

QTY:1

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

2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Alpine, a division of ITW Building Components Group Inc drawing, any failure to build the truss in conformance w installation & bracing of trusses. to performing these functions. Installers shall provide toap top chord shall have properly attached structural shouthing a trigid coiling. Locations shown for permanent lateral restrainsections (3), 87 or 810, as applicable, Apply plates to each the Joht Boralis, unless noted otherwise. Refer to drawings -seal on this drawing or cover page listing this drawing, indicates acceptance of professio esponsibility scilly for the design shown. The subtability and use of this drawing for any esponsibility of the Building Designer per ANSI/TPI 1 Sec. 2. ALPINE www.afpineitw.com; TPI; www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.icc TC DL BC LL BC DL TC LL SPACING DUR. FAC TOT.LD. 37.0 PSF 20.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF 7.0 PSF DATE REF FROM SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040071 JREF - 1VDT487\_Z01 Scale =.5"/Ft. R9114- 24026 02/09/15 395024

02/09/2015

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

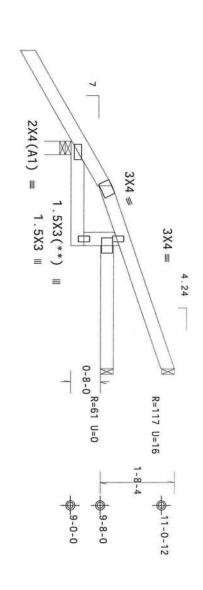
Bottom chord checked for 10.00 psf non-concurrent live load

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.





Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 14.03.011.0.22

QTY:1

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

Scale =.5"/Ft.

R9114- 24027

20.0 PSF

7.0 PSF

DATE

02/09/15

PLT TYP. Wave

AN ITW COMPANY usies require extreme care in fabricating, handling, shipping, installing and brac latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) fo FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. BC DL TC DL BC LL TC LL TOT.LD.

assal on this drawing or cover page listing this drawing, indicates acceptance of profession esponsibility solding the design shown. The suitability and use of this drawing for any esponsibility of the Building Designer per AMSI/TPI 1 Sec. 2.

ALPINE was approach information see this job's general notes page and these web sites ALPINE was approach solding the same through the s

2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278

ONAL ENGINE 02/09/2015

DUR. FAC

1.25

JREF-

1VDT487\_Z01

JMW

37.0 PSF

SEQN-

395025

10.0 PSF

0.0 PSF

DRW HCUSR9114 15040072 HC-ENG WHK/WHK

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

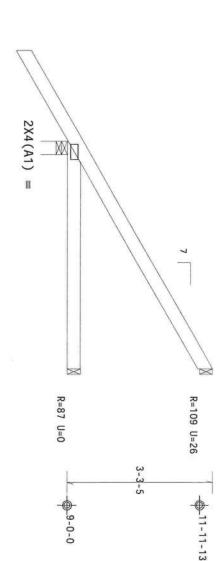
Bottom chord checked for 10.00 psf non-concurrent live

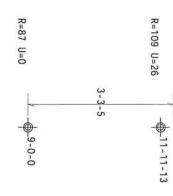
MWFRS loads based on trusses located at least 7.50 ft. from roof edge

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, within 4.50 ft from roof edge, RISK CAT II, wind BC DL=5.0 psf. GCpi(+/-)=0.18CLOSED bidg, not located EXP B, wind TC DL=3.5 psf,

des ign. Wind loads and reactions based on MWFRS with additional C&C member

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







Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

14.03.01.1120

16

QTY:1

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

Scale =.5"/Ft.

02/09/15

391117

PLT TYP. Wave

2400 Lake\*Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY

Trusses require extreme care in fabricating, handling, shipping, installing and braci how latest edition of BCSI (Building Component Safety Information, by TPI and MTCA) for a performing those functions. Installers shall provide temporary bracing per BCSI by provide shall have properly attached structural assume \*\*WARNING! \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*BORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Alpine, a division of ITW Building Components Group Inc. shall not be responsi drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for installation & bracing of trusses. \*seal on this drawing or cover page listing this drawing, indicates acceptance of profession seponsibility soilty for the design shown. The suitability and use of this drawing for any exponsibility of the Building Designer per AMSI/TP1 1 Sec.2. ALPINE. For more information see this job's general notes page www.slpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindo ICC: www. HONAL CHENNER TC DL BC LL BC DL SPACING DUR. FAC TC LL TOT.LD. 1.25 37.0 PSF 24.0" 20.0 PSF 0.0 PSF 10.0 PSF 7.0 PSF DATE FROM SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040073 REF JREF-R9114- 24028 1VDT487\_Z01

02/09/2015

Value Set: 13B (Effective 6/1/2013) Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Lumber value set "138" uses design values approved 1/30/2013 by ALSC

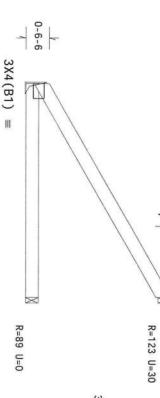
(J) Hanger Support Required, by others

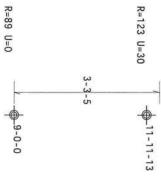
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, within 4.50 ft from roof edge, RISK CAT II, wind BC DL=5.0 psf. GCpi(+/-)=0.18ASCE 7-10, CLOSED bidg, not located ISK CAT II, EXP B, wind TC DL=3.5 psf

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load





4-8-8 Over 3 Supports -

R=183 U=0

RL=45

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STD)

QTY:1

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

TC LL

20.0 PSF

REF

R9114- 24029

Scale = .5"/Ft.

7.0 PSF

DATE

02/09/15

BC DL TC DL

10.0 PSF

DRW HCUSR9114 15040074 HC-ENG WHK/WHK

BC LL

0.0 PSF

TOT.LD.

37.0 PSF 1.25

SEQN-

391105

FROM

Trusses require extreme care in fabricating, handling, shipping, installing and bracing, Bot the latest delicin of BESI (building Camphonnt Safety Information, by TPI and WTRA) for safety to performing those functions. Installers shall provide temperary bracing pur BESI. Unless not top chord shall have properly attached structural sharting better chord shall have bracing any origid colling. Locations shown for permanent lateral restraint of webs shall have bracing any sections BJ, BT or BDC as applicable. Apply plates to each face of truss and position as shown to be a section BJ, BT or BDC as applicable. Apply plates to each face of truss and position as shown to be about the balls, unless noted otherwise. Before to drawings 160A-Z for standard plate position. \*\*\*MARNING! \*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLIDING THE INSTALLERS

easi on this drawing or cover page listing this drawing, indicates acceptance of profess asponability so the design shown. The suitability and use of this drawing for a asponability of the Building Designer per AMSI/TPI 1 Sec. 2.

2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278

100 C www.

ENERA

DUR. FAC SPACING

24.0"

JREF-

1VDT487\_Z01

COMPLETE TRUSSES REQUIRED

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP 2850f-2.3E 2850f-2.3E #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Special loads 8666644 From From (Lumber T Dur.Fac.=1.25 / 156 pif at 0.00 156 pif at 3.50 170 pif at 0.00 170 pif at 0.00 170 Conc. Load at 2 1b Conc. Load at 2 1b Conc. Load at 2 1b Conc. Load at 3 pif at 0.00 170 0.00 to 0.00 to / Plate Dur.Fac.=1.25)
0 to 56 plf at 3.50
0 to 56 plf at 7.00
0 to 10 plf at 7.00

From 10 plf at 0.00 to 10 1635.64 lb Conc. Load at 1.31 3799.82 lb Conc. Load at 3.25 182.76 lb Conc. Load at 5.29

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

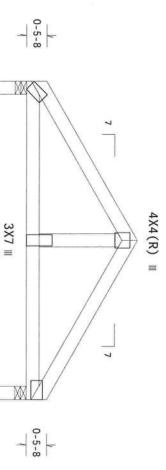
Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 2.00" o.c. Webs : 1 Row @ 4" o.c.

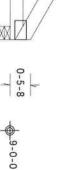
Use equal spacing between rows and stagger nails in each row to avoid splitting.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based 9 MWFRS

Bottom chord checked for 10.00 psf non-concurrent live load





R=3667 U=191 W=3.5" 7-0-0 Over 2 Supports 3-6-0 R=2415 U=126 W=3.5"

3X5 (B12R)

3X5(B1)

Ш

PLT TYP.

Wave

\*\*\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS FT/RT=10%(0%)

Design Crit: FBC2010Res/TPI-2007(STD)

QTY:1

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

Scale =.5"/Ft.

R9114- 24030

02/09/15

AN ITW COMPANY Trassos require extrema care in fabricating, handling, shipping, installing and bracing, the latest edition of DESI (Building Geopeness Exfect Information, by TPI and MTGA) for so co performing these functions. Installers shall provide temporary bracing per BCSI, Unit BC DL BC LL TC DL TC LL TOT.LD. 37.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 7.0 PSF SEQN-DATE REF DRW HCUSR9114 15040075 HC-ENG WHK/WHK

\*seal on this drawing or cover page listing this drawing, indicates acceptance of profession caponability solicy for the design shown. The suitability and use of this drawing for any a seponability of the Building Designer per ANSI/TPI 1 Sec. 2.

r more information see this job's general notes page afpineits com: TPI: www.tpinet.org: WTCA: www.sbcindo

2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278

1CC SIEOS. STONAL ENGINE

> DUR. FAC SPACING

1.25 24.0"

FROM

394959

JREF-

1VDT487\_Z01

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP :Stack Chord SC1 # # 1

#3 2×4

SP #1::Stack Chord SC2 2x4 SP #1:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

bracing requirements. See DWGS A12015ENC101014, GBLLETIN1014, & GABRST101014 for gable wind

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

Bottom chord checked for 10.00 psf non-concurrent live load

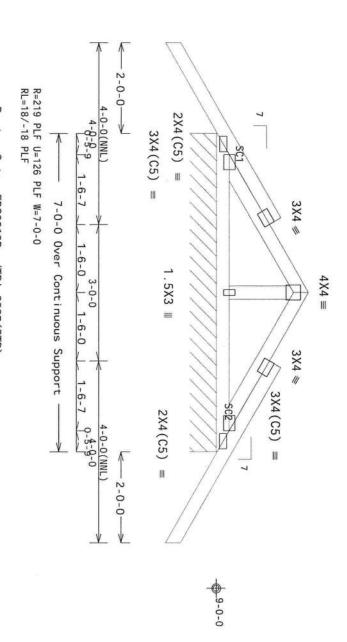
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Truss designed to support 2-0-0 top chord outlookers and 10.00 PSF cladding load one face, and  $24.0^{\circ}$  span on opposite face. Top chord must not be cut or notched.

using 3x6. Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at  $24^{\prime\prime}$  o.c. intervals. Attach stacked top chord (SC) perpendicular to chord length. Splice top chord in notchable area Center plate on stacked/dropped chord interface, to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. plate length



PLT TYP. 2400 Lake\*Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave AN ITW COMPANY Alpino, a division of ITM Building Components Group Inc. shall not be responsible for any des drawing, any fallure to build the truss in conformance with ANS/ITPI 1, or for handling, amplinstallation & bracing of trusses. Trusson require extreme care in fabricating. The latent edition of BCSI (Building Component to performing these functions. Installers sha op chord shall have properly attached structure. seal on this drawing or cover page listing this drawing, indicates acceptance of professions exponsibility solely for the design shown. The sultability and use of this drawing for any a exponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. op enore small have properly attached structural sheathing and bettom chord shall have a pro-ligid celling. Locations shown for permanent lateral restraint of webs shall have bracing in sections 83. 87 or 810, as applicable. Apply plates to each face of truss and position as state the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positi ALPINE: \*\* IMPORTANT \*\* For more information see this job's general notes page and these www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com "MAJONING!" READ AND FOLLOW ALL NOTES ON THIS DRAWING!

THE FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS Design Crit: FBC2010Res/TPI-2007(STD) handling, shipping, installing and brac Safety information, by TPI and WTCA) for ill provide temporary bracing per BCSI. I FT/RT=10%(0%)/0(0) : ICC: www. 14. Quantitation 1,20 JANO. ENGINEER . .16 02/09/2015 QTY:1 TC DL BC LL BC DL TC LL SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/-37.0 10.0 1.25 20.0 PSF 24.0" 0.0 PSF 7.0 PSF PSF PSF SEQN-DATE REF FROM DRW HCUSR9114 15040076 JREF-HC-ENG WHK/WHK Scale = .5"/Ft. R9114- 24031 1VDT487\_Z01 02/09/15 391147

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Value Set: 13B (Effective 6/1/2013)

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

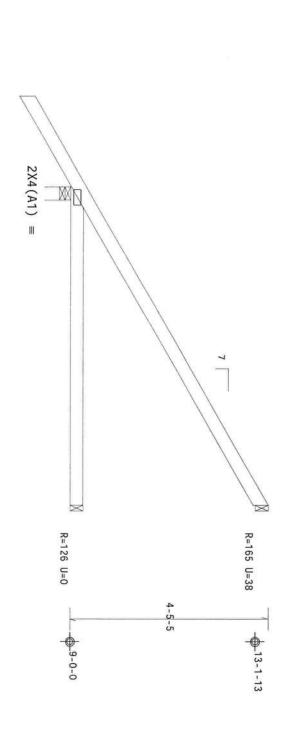
Bottom chord checked for 10.00 psf non-concurrent live

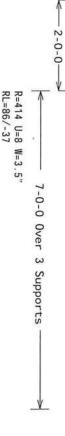
MWFRS loads based on trusses located at least 7.50 ft. from roof edge

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

design. Wind loads and reactions based on MWFRS with additional C&C member

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





Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

QTY:29 FL/-/5/-/-/R/-

PLT TYP. Wave

2400 Lake-Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY Alpine, a division of ITW Building Compone leawing, any failure to build the truss in installation & bracing of trusses. 1 seal on this drawing or cower page listing this drawing, indicates acceptance of professional seponability solicy for the design shown. The suitability and use of this drawing for a suppossibility of the Building Designer per ANSI/TPI 1 Sec. 2. usses require extreme care in fabricating, handling, shipping, installing and bracing, latest edition of BCSI (Building Component Safety Information, by TP hand BTCA) for hatching chartening these functions, installers shall provide temporary bearing per BCSI. United by shall provide temporary bearing per BCSI, but have a provide that I have been shall have a small provide temporary bearing and bettem chord shall have a provide that it has a provide that the provide the shall have been s For more information see this job's general notes page and these web sites. ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.shcindustry.com; ICC: www. \*\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS TONAL SUGNAL BC LL BC DL TC DL DUR. FAC TC LL SPACING TOT.LD. 24.0" 1.25 37.0 PSF 20.0 PSF 10.0 PSF 7.0 PSF 0.0 PSF DATE FROM SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040077 REF R9114- 24032 JREF-Scale = .5"/Ft. 1VDT487\_Z01 LMW 02/09/15 394976

C102/60/Z0

Value Set: 13B (Effective 6/1/2013) PLT TYP. MWFRS loads based on trusses located at least 15.00 ft. from roof calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional H = recommended connection based on manufacturer tested capacities and These support conditions used at bearings indicated (H1) = LU24 w/ (1)2x4 SP #1 supporting member. (4) 0.148"x3" nails into supporting member, (2) 0.148"x1.5" nails into supported member. Top chord 2x4 SP Bot chord 2x4 SP information. Lumber value set "13B" 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave AN ITW COMPANY uses design values approved 1/30/2013 by ALSC Trusses require extreme case in fabricating, handling, shipping, installing and bracing, factor the latest critical or DESI (building component Safety Information by TP) and MESA) for altery by the performing these functions. Installiness shall provide expensive bracing per BESI, those shall have properly attends extractural shouthing and bottom chief a shall have a perpeture of the permanent interral restricted shouthing shall be shall have been a perpeture of the shall have perpetured by the permanent interral restricted or the shall have been a perpetured by the permanent interral restricted or trush and position as the permanent of the perm Alpine, a division of ITM Building Components Group Inc. shall not be responsible for any corresponsible for any corresponsible for the formation of the format 4. seal on this drawing or cover page listing this drawing, indicates acceptance of profession caponability socially for the design shown. The sultability and use of this drawing for any caponability of the Building Designer per AMS/7Pl 1 Sec. 2. 2X4(A1) ALPINE H=H1 RL=45 R=272 U=0 \*\* IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. For more information see this job's general notes page and these web sites www.alpinoitw.com; TPI: www.tpinst.org; WTCA: www.sbcrodustry.com; ICC: www. Ш Design Crit: FBC2010Res/TPI-2007(STD) 7-0-0 Over 3 Supports FT/RT=10%(0%) 1/0(0)Hanger specified assumes connection to supporting chord is locatuminimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. coverage. design. Wind loads and reactions based on NWFRS with additional C&C member Bottom chord checked for 10.00 psf non-concurrent live load 14.03,01,1120 STONAL SUGNIFICA CENSE R=176 U=18 R=130 U=0 02/09/2013 ⊕13-1-13 QTY:7 9-0-0 BC DL BC LL TC DL DUR. FAC SPACING TOT.LD. TC LL FL/-/5/-/-/R/-37.0 PSF 1.25 10.0 PSF 24.0" 20.0 PSF 0.0 PSF 7.0 PSF is located DATE SEQN-REF FROM HC-ENG WHK/WHK DRW HCUSR9114 15040078 JREF-Scale =.5"/Ft. R9114- 24033 1VDT487\_Z01 02/09/15 391096

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3 PLT TYP. Wave Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Value Set: 13B (Effective 6/1/2013) Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Lake-Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY t seal on this drawing or cover page listing this drawing, indicates acceptance of profess caponability solicy for the design shown. The suitability and use of this drawing for a caponability of the Building Designer per AMSI/TPI 1 Sec. 2. ses require extreme care in Fabricating. F test edition of BCSI (Building Component ) For more information see this job's general notes page and these web sites ALPINE: www.aipineitw.com; TPI: www.tpinst.org, WTCA: www.sbcindustry.com; ICC: www. \*\* MACRING: \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING THE INSTALLERS. 2-0-0-Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 2X4(A1) MD RL=86/-37 R=414 U=8 W=3.5" ng. handling, shipping, installing and bracing not Safety information, by TPI and WTCA) for sa hall provide temporary bracing per BCSI. Unite tural sheatning and bottom chord shall have a Ш 3-0-0 7-0-0 Over 3 Supports 1.5X4 Ⅲ 1.5X3 III 3X4 ≡  $\oplus$  $\phi$ 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, within 4.50 ft from roof edge, RISK CAT II, wind BC DL=5.0 psf. GCpi(+/-)=0.18 Bottom chord checked for 10.00 psf non-concurrent live load design. Wind loads and reactions based on MWFRS with additional C&C member 4-0-0 TONAL SUGARIAN 03,,01,,0122.23 1-0-0 R=94 U=0 R=180 U=33 QTY:1 BC LL BC DL TC DL TC LL SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/-3-5-5 9-0-0 ⊕10-0-0 CLOSED bidg, not located EXP B, wind TC DL=3.5 psf 20.0 PSF 24.0" 1.25 37.0 PSF 10.0 PSF 0.0 PSF 7.0 PSF DATE FROM SEQN-HC-ENG WHK/WHK REF JREF-DRW HCUSR9114 15040079 Scale = .5"/Ft. R9114- 24034 JMW 1VDT487\_Z01 02/09/15 395026

02/09/2013

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3

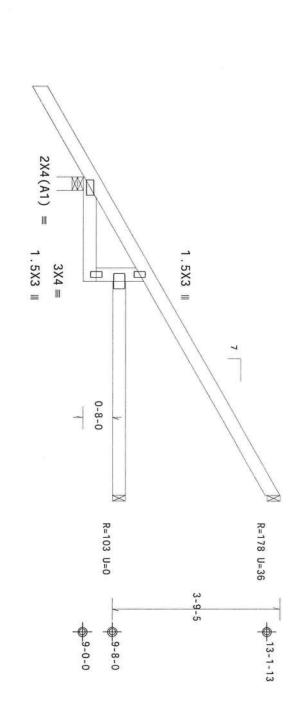
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load





R=414 U=8 W=3.5" RL=86/-37 2-3-8 7-0-0 Over 3 Supports 4-8-8

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

QTY:6

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

Scale = .5"/Ft.

R9114- 24035

02/09/15

PLT TYP. Wave

2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY

ALPINE

For more information see this job's general notes page and these www.sipincitw.com: TPI www.tpinst.org, WTCA www.sbcindustry.com

100 sites

02/09/2015

SPACING DUR. FAC

24.0"

JREF - 1VDT487\_Z01

1.25

FROM

394970

Alpine, a division of TTM Building Companents Group inc. shall not be responsible for a frawing, any failure to build the trues in conformance with ANS/TPI 1, or for handling, nataliation & bracing of trueses. asai on this drawing or cover page listing this drawing, indicates acceptance of professions espensibility so lostly for the design shown. The sufficiability and use of this drawing for any a seponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. cons BJ. 87 or 810, as applicable. Apply plates to each face of truss and position as a Joint Dotalls, unless noted otherwise. Refer to drawings 160A-2 for standard plate pos \*\*MACHING: \* READ AND FOLLOW ALL NOTES ON THIS DRAWING: \*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS neet Safety information, by TPI and WTCA) Fo FIGNEER BC LL BC DL TC DL TC LL TOT.LD. 37.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 7.0 PSF DATE REF SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040080

Value Set: 13B (Effective 6/1/2013)
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

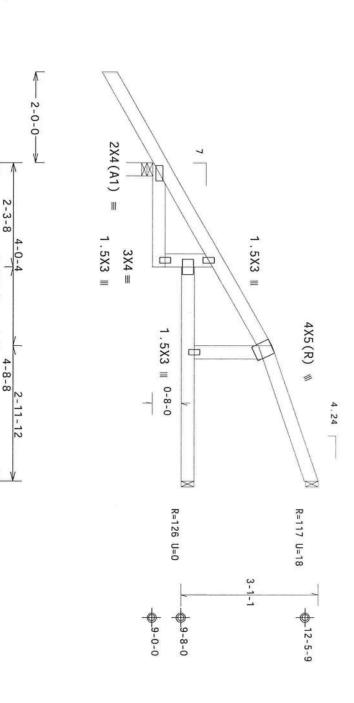
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load.



PLT TYP. Wave

usses require extreme care in fabricating.

\*\* MADVING: \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

handing, shipping, inscalling and brace Safety information, by TPI and WTCA) for it provide temporary bracing per BCSI. U trais sheathing and bettom chord shall have

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

QTY:1

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

Scale = .5"/Ft

R9114- 24036

TC LL

20.0 PSF

7.0 PSF

REF

02/09/15

TC DL

10.0 PSF 0.0 PSF

BC LL

37.0 PSF

SEQN-

395027

DRW HCUSR9114 15040081 HC-ENG WHK/WHK

FROM JREF-

UMW

R=414 U=14 W=3.5" RL=75/-34

7-0-0 Over 3 Supports

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AN ITW COMPANY

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ALPINE: www.aipineitw.com, TPI: www.tpinst.org, WTCA: www.sbcindustry.com

com; ICC: www.

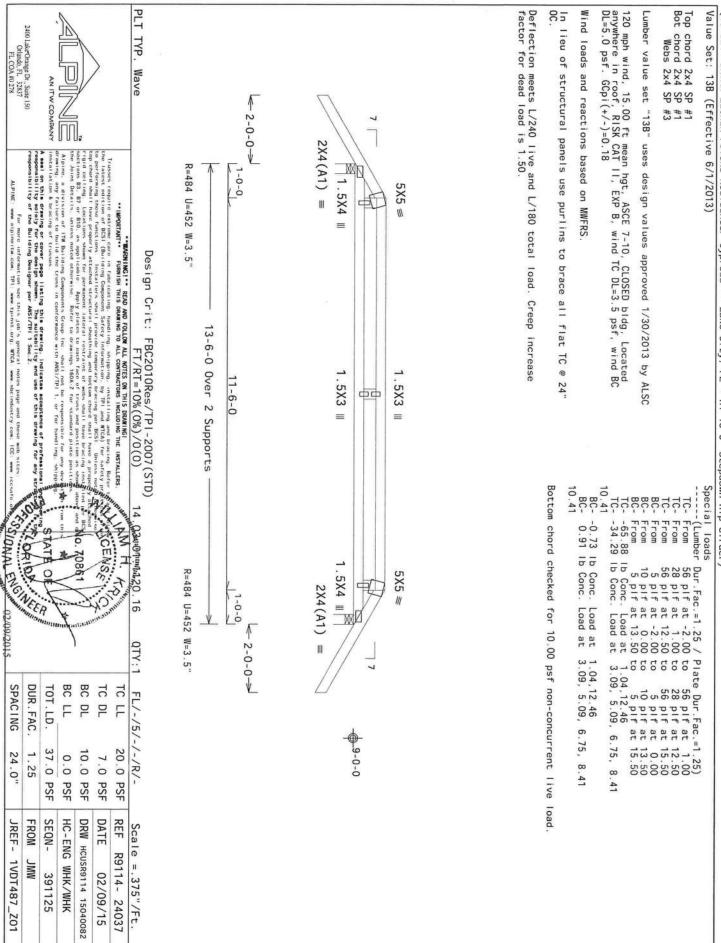
ENGINEER .

TOT.LD.
DUR.FAC
SPACING

1.25

1VDT487\_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H1 13'6" Stepdown Hip Girder) THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR



Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B3 2x4 SP 2850f-2.3E
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

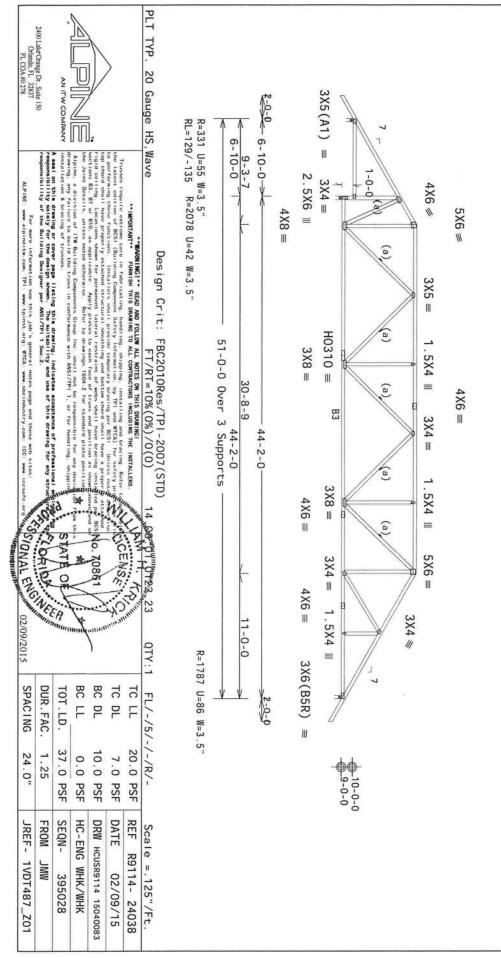
MWFRS loads based on trusses located at least 7.50 ft. from roof edge

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral restraint equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load



Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #1 :B3, B4 2x4 2x4 SP SP 2850f-2.3E: #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member 10.00 psf non-concurrent live load

Bottom chord checked

for

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

MWFRS loads based on trusses located at least 7.50 ft. from roof edge

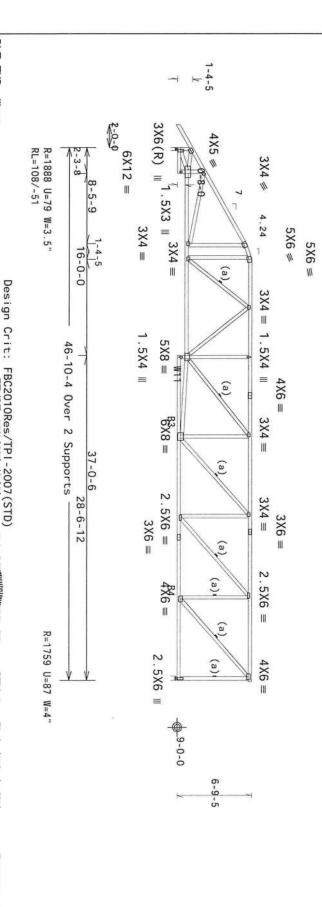
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, within 13.00 ft from roof edge, RISK CAT II, EXP B, wind psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18 not located TC DL=3.5

design Wind loads and reactions based on MWFRS with additional C&C member

Right end vertical not exposed to wind pressure

In lieu of structural panels use purlins to brace all flat TC @ 0C.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



PLT TYP. Wave

Trission require extreme care in fabricating, handling, shipping, installing and bracing. Refer the latest edition of RESE (building Component Safety Information, by TH and RECA) for safety pr to performing these functions. Installers shall provide temporary bracing per RESE. Unless oncy, top chord shall have properly attended structural sheating and betten chord shall have a proper's

/0(0)

QTY:1

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

Scale = .125"/Ft. R9114- 24039

TC LL

20.0 PSF

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For more information see this job's general notes page and these www.alpineitw.dom; TPI; www.tpinst.org; WTCA; www.sbcindustry.com;

1CC

ENGINEER

BC LL BC DL TC DL

10.0 PSF 0.0 PSF

7.0 PSF

DATE REF

02/09/15

37.0

PSF

SEQN-

395065

HC-ENG WHK/WHK DRW HCUSR9114 15040084

1.25

FROM

02/09/2015

SPACING DUR. FAC TOT.LD.

24.0"

JREF-

1VDT487\_Z01

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1

Bot chord 2x4 SP #1:B2, B3 2x4 SP 2850f-2.3E:B4 2x4 SP M-30:

Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC in lieu of structural panels use purlins to brace all flat TC @ 24" OC.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, Cpi(+/-)=0.18

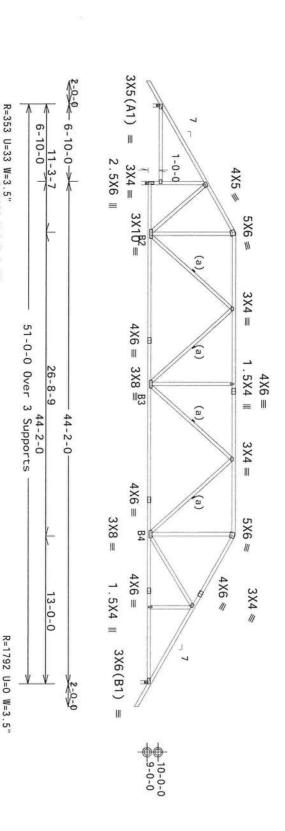
Wind loads and reactions based on MWFRS with additional C&C member design.

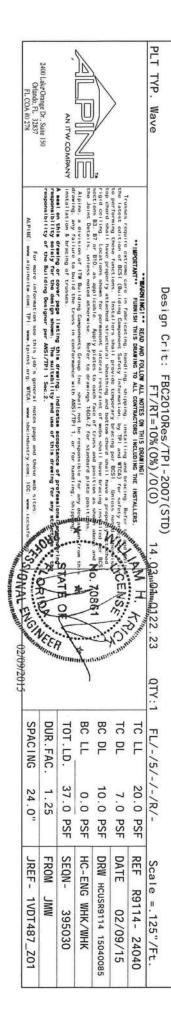
(a) Continuous lateral restraint equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.





RL=148/-154

R=2032 U=0 W=3.5"

Top chord 2x4 S Bot chord 2x4 S Webs 2x4 S 888 #1 : B3, , B4 2x4 2x4 SP 2850f-2.3E: SP #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member

Bottom chord checked for 10.00 psf non-concurrent live load

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

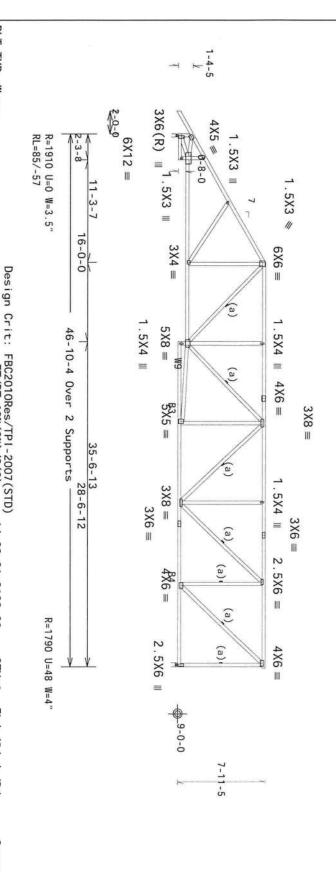
MWFRS loads based on trusses located at least 15.00 ft. from roof

120 mph wind, 15.00 ft mean hgt, ASCE 7-7 within 13.00 ft from roof edge, RISK CAT psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18 CLOSED bldg, EXP B, wind not located TC DL=3.5

Wind loads and reactions based on MWFRS with additional C&C member design

Right end vertical not exposed to wind pressure

In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$ 





Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1

Bot chord 2x6 SP #2 :B1 2x6 SP #1 Dense:

Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

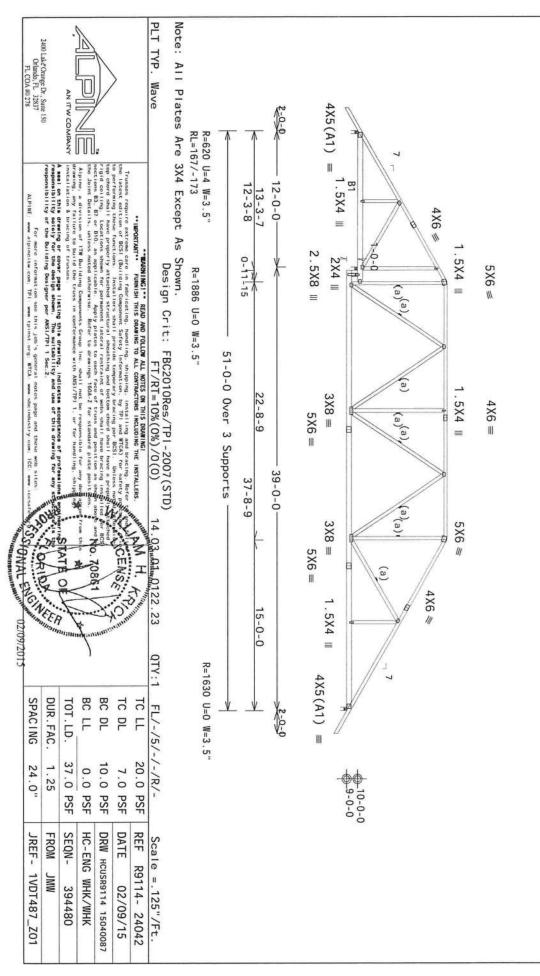
MWFRS loads based on trusses located at least  $15.00\ \text{ft.}$  from roof edge.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral restraint equally spaced on member

Bottom chord checked for 10.00 psf non-concurrent live load



Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1

Bot chord 2x4 SP 2850f-2.3E :B1 2x4 SP #1:

Webs 2x4 SP #3

Lumber value set "13B" uses design values approvi

Lumber value set "138" uses design values approved 1/30/2013 by ALSC (a) Continuous lateral restraint equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load

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

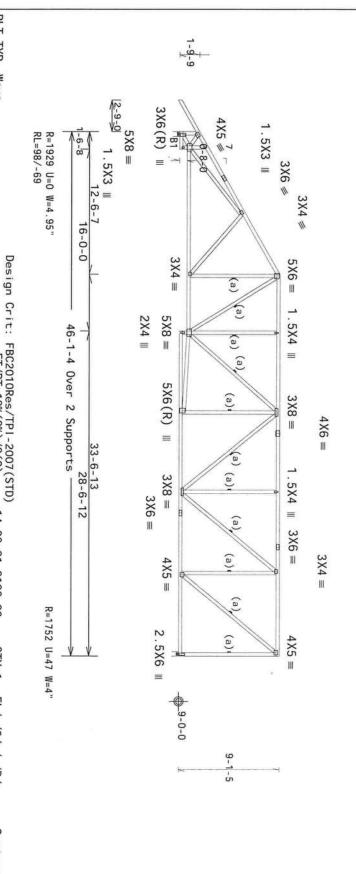
 $\ensuremath{\mathsf{MWFRS}}$  loads based on trusses located at least 15.00 ft. from roof edge.

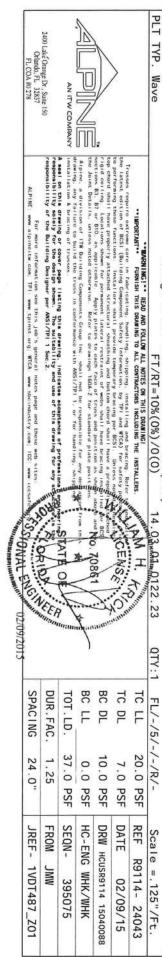
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$ 





Top chord 2x4 SP Bot chord 2x6 SP Webs 2x4 SP Value Set: 13B (Effective 6/1/2013) #2

:82, B3 2x6 SP M-26

Lumber value set "13B"

uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member

Truss passed check for 20 psf additional bottom chord live load in areas with  $42^{\circ}$ -high x  $24^{\circ}$ -wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

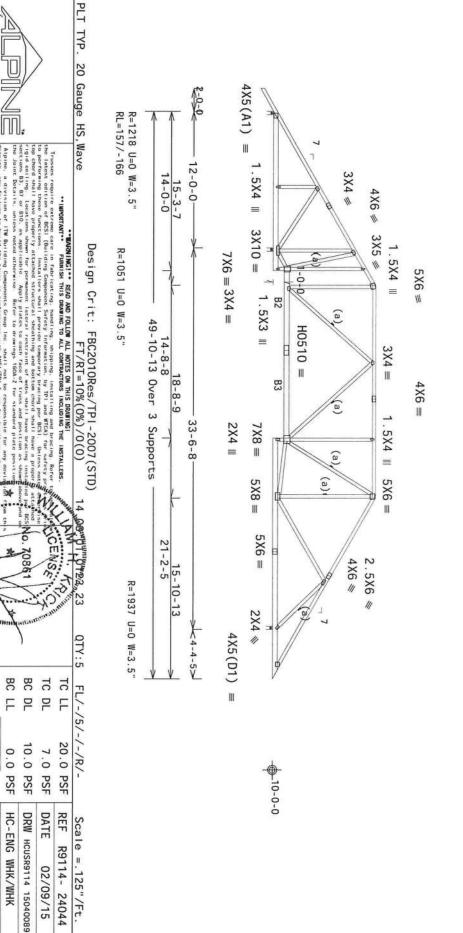
design. Wind loads and reactions based on MWFRS with additional C&C member

Right cantilever is exposed to wind

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

Bottom chord checked for 10.00 psf non-concurrent live load

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



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www.sipingitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC

STEES

ENGINEER

02/09/2015

SPACING DUR. FAC. TOT.LD.

24.0"

JREF-

1VDT487\_Z01

1.25 37.0 PSF

FROM

JMW

SEQN-

394962

Top chord 2x4 SP #1 :T5 2x4 SP 2850f-2.3E: Bot chord 2x4 SP 2850f-2.3E :B1, B4 2x4 SP Webs 2x4 SP #3 #1:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member

Bottom chord checked for 10.00 psf non-concurrent live load

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

MWFRS loads based on trusses located at least 15.00 ft. from roof

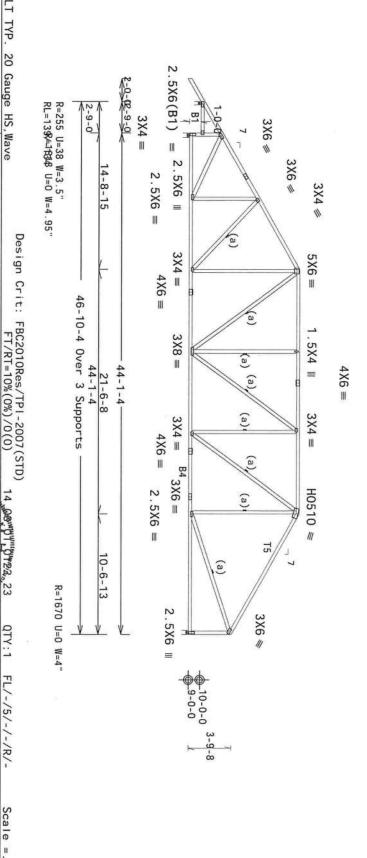
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18

des i gn. Wind loads and reactions based on MWFRS with additional C&C member

Right end vertical not exposed to wind pressure

In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$ 

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



PLT TYP.

20 Gauge HS, Wave

\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

QTY:1

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

TC LL

20.0 PSF

REF R9114- 24045

Scale = .125"/Ft.

PSF

DATE

02/09/15

re extreme care in fabricating, ion of BCSI (Building Component

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asel on this drawing or cover page listing this drawing, indicates acceptance of professional maponsibility solicy for the design abone. The suitability and use of this drawing for any stapponsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

For more information see this job's general notes page and these web sites: www.spinoitw.com; TPI: www.spinost.org; WTCA: www.sbcindustry.com; ICC: www.icciafe

SIONAL ENGINEER

BC LL BC DL TC DL

0.0 PSF PSF

HC-ENG WHK/WHK

10.0 PSF 7.0

DRW HCUSR9114 15040090

02/09/2015

SPACING

24.0"

JREF-

1VDT487\_Z01

DUR. FAC TOT.LD.

FROM SEQN-

LMW

395084

37.0 1.25

Value Set: 13B (Effective 6/1/2013)
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use purlins to brace all flat TC @ 24  $^{\circ}$  OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

 $\ensuremath{\mathsf{MWFRS}}$  loads based on trusses located at least 15.00 ft. from roof edge.

Negative reaction(s) of -330# MAX. (See below) from a non-wind load case requires uplift connection.

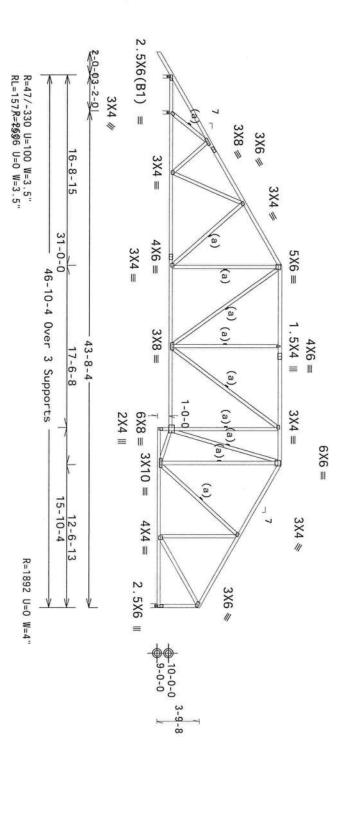
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

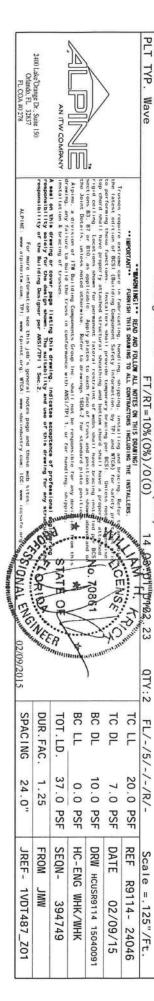
Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with  $42^{\prime\prime}\text{-high}\times\ 24^{\prime\prime}\text{-wide}$  clearance.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.





Design Crit: FBC2010Res/TP1-2007(STD)

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

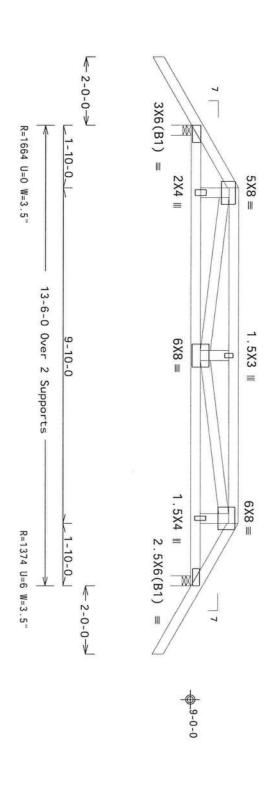
Value Set 138 (Teferation 6.4 2004)

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18 Value Set: 13B (Effective 6/1/2013) In lieu of structural panels use purlins to brace all flat TC @ 24  $^{\circ}$  OC. Lumber value set "13B" uses design values approved 1/30/2013 by ALSC ### Wind loads and reactions based on Special loads t0 0 t t to .85 MWFRS

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

te Dur.Fac.=1.25)
56 pif at 11.83
56 pif at 11.67
56 pif at 15.50
5 pif at 0.00
10 pif at 13.50
5 pif at 15.50
85, 2.14, 3.44, 5.4 . 44

Bottom chord checked for 10.00 psf non-concurrent live load.



PLT TYP.

Wave

\*\*!MPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

Design Crit: FBC2010Res/TPI-2007(STD)

FT/RT = 10%(0%)/0(0)

QTY:1

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

TC LL

20.0 PSF

REF

Scale = .375"/Ft. R9114- 24047

BC DL TC DL

10.0 PSF 7.0 PSF

DRW HCUSR9114 15040092

DATE

02/09/15

BC LL

0.0 PSF

HC-ENG WHK/WHK

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easi on this drawing or cover page listing this drawing, indicates acceptance of professional espaceability and use of this drawing for any stressibility and use of this drawing for any stresspensibility of the Building Designer per ANSI/TPI 1 Sec.2.

ENGINEER

02/09/2015

SPACING DUR. FAC TOT.LD.

24.0"

JREF-

1VDT487\_Z01

1.25 37.0 PSF

FROM SEQN-

JMW

391108

For more information see this job's general notes page and these web sites: www.alpinsitw.com; TP1: www.tpinst.org; WTCA; www.sbcindustry.com; ICC: www.iccnaft

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

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member

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

Bottom chord checked for 10.00 psf non-concurrent live load

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Negative reaction(s) of -519# MAX. case requires uplift connection. (See below) from a non-wind load

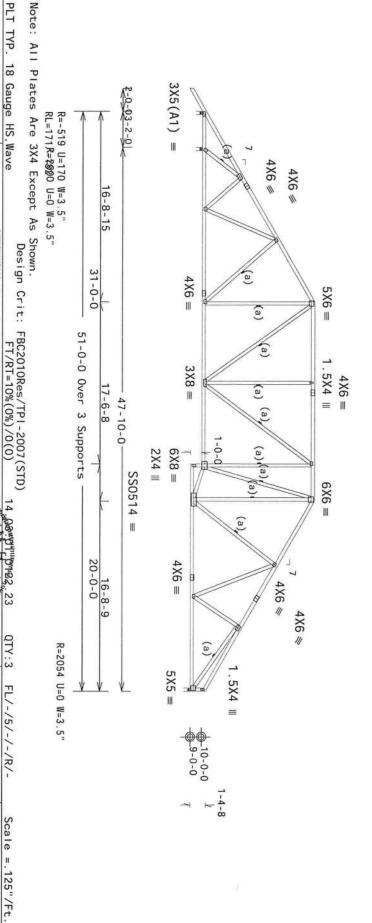
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, within 13.00 ft from roof edge, RISK CAT II, EXP B, wind psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18not located TC DL=3.5

design Wind loads and reactions based on MWFRS with additional C&C member

Truss passed check for 20 psf additional bottom chord live load in areas with  $42^\circ$ -high x  $24^\circ$ -wide clearance.

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

MWFRS loads based on trusses located at least 15.00 from roof



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For more information see this job's general notes page and these web sites: www.alpineitw.com; TPI; www.tpinst.org; WTCA; www.abcindustry.com; TCC; www.iccnafe

ENGINEER

BC LL BC DL TC DL

10.0 0.0

DRW HCUSR9114 15040093

7.0

DATE REF

02/09/15

TOT.LD.

PSF PSF PSF PSF

SEQN-

395034

HC-ENG

WHK/WHK

02/09/2015

SPACING DUR. FAC

24.0"

DREF-

1VDT487\_Z01

1.25 37.0

FROM

Trussos require extreme care in fabricating, the latest edition of BCSI (Building Component to performing these functions. Installers shall concern the care the control of the control of

\*\*WARNING! \*\* READ AND FOLLOW ALL MOTES ON THIS DRAWING!

\*\*HOPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Ga "D1" D1/22 23

QTY:3

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

TC LL

20.0 PSF

R9114- 24048

handling, shipping, installing and bracing. Refer Safety information, by TPI and WTCA) for safety til provide temporary bracing per BCSI. Unless noti tral shoathing and bottom chord shall have a proper

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP :T5, T6 :B1 2x4 :W2 2x4 5 2x4 SP M-30: 4 SP M-30: 4 SP M-30:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18

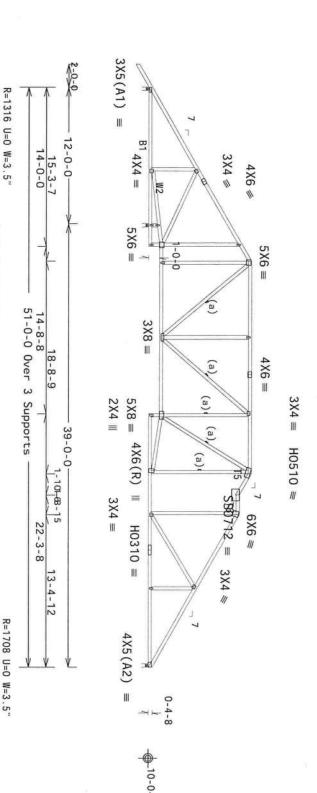
Wind loads and reactions based on MWFRS with additional C&C member

Calculated horizontal deflection is 0.08" due to dead load. design. due to live load and 0.18'

Bottom chord checked for 10.00 psf non-concurrent live load

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

edge. MWFRS loads based on trusses located at least 15.00 ft. from roof



As Shown

RL=157/-168

R=984 U=0 W=3.5"

Note: All Plates Are 1.5X4 Except PLT TYP. 20 Gauge HS,18 Gauge HS, 20 Gauge HS,18 Gauge HS Wave Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

QTY:1

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

20.0 PSF

REF R9114 - 24049

Scale = .125"/Ft.

PSF

DATE

02/09/15

DRW HCUSR9114 15040094

WHK/WHK

394632

BC LL BC DL TC DL TC LL

0.0 10.0 PSF 7.0

TOT.LD.

37.0

PSF PSF

FROM SEQN-HC-ENG

JREF-

1VDT487\_Z01

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ALPINE:

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For more information see this job's general notes page and these web sites: www.alpineitw.com; TPI; www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www. ENGINEER . 02/09/2015 SPACING DUR. FAC 1.25 24.0"

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3

:W2 2x4 SP 2850f-2.3E

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

Bottom chord checked for 10.00 psf non-concurrent live load

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18

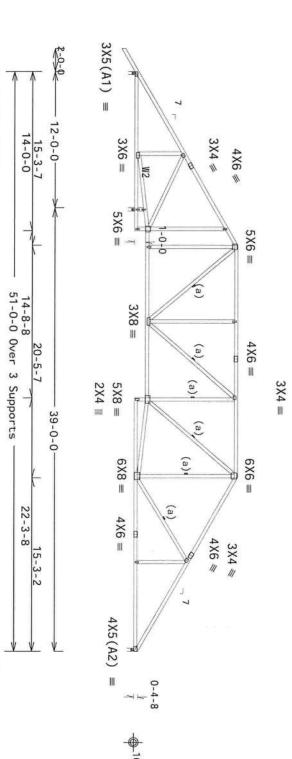
des i gn Wind loads and reactions based on MWFRS with additional C&C member

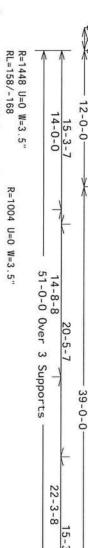
(a) Continuous lateral restraint equally spaced on member

Truss passed check for 20 psf additional bottom chord live load in areas with  $42^{\circ}$ -high x  $24^{\circ}$ -wide clearance.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof





R=1816 U=0 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

DUR. FAC. 1.25	2 27	STATE OF A TOT.LD. 37.0 PSF	BC LL 0.0 PSF	top chord shall have properly attended structural shouthing and bettom chord shall have a properly attended from the properly attended from the properly attended to the properly attended from the properly atten	TC DL 7.0 PSF	TC LL 20.0 PSF	Design Crit: FBC2010Res/TP1-2007(STD) PLT TYP. Wave	
AC. 1.25				10.0 PSF	7.0 PSF	17000	/5/-/-/R/-	
I NOW CHIM	MWI WODE	SEQN- 394638	HC-ENG WHK/WHK	DRW HCUSR9114 15040095	DATE 02/09/15		Scale = .125"/Ft.	

Top chord 2x4 SP #1
Bot chord 2x4 SP 2850f-2.3E :B3 2x4 SP M-30
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof

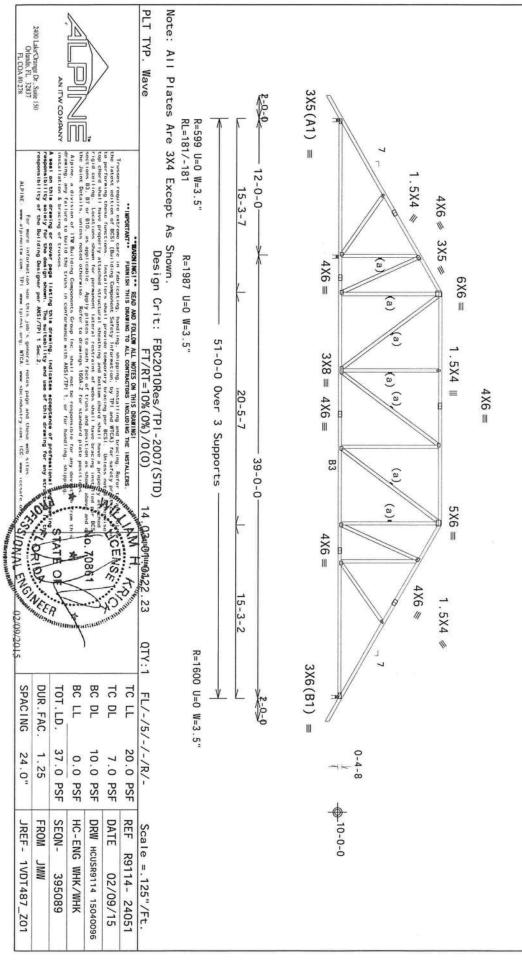
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, Cpi(+/-)=0.18

design. Wind loads and reactions based on MWFRS with additional C&C member

(a) Continuous lateral restraint equally spaced on

Bottom chord checked for 10.00 psf non-concurrent live load

Special care must be taken during handling, of trusses. See "WARNING" note below. WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation



WARNING: Furnish a copy of this DWG to the Special care must be taken during handling, of trusses. See "WARNING" note below. 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf, GCpi(+/-)=0.18 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels use purlins to brace all flat TC  $\sigma$  OC. Wind loads and reactions based on MWFRS Negative reaction(s) of -397# MAX. (See below) from a non-wind load case requires uplift connection. Bottom chord checked for 10.00 psf non-concurrent live load (a) Continuous lateral restraint equally spaced on member Value Set: 13B (Effective 6/1/2013) (J) Hanger Support Required, by others (15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Lake-Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 chord 2x4 SP #1:T2, T3 2x4 SP M-30: 2x4 SP 2850F-2.3E: chord 2x4 SP #1:B3 2x4 SP 2850F-2.3E: 2x4 SP M-30: 2x4 SP #3 :W3 2x4 SP M-30: :W4 2x4 SP 20 Gauge HS, AN ITW COMPANY 3X5(A1) ₹-0-10-0-> R=72/-397 U=7 W=3.5 6-10-0 Ш Wave to performing these functions. Installors shall provide comporary bearing per BSS. Uhless not performed that have properly attached structural should not be then cheed shall have a properly attached structural shoulding the performance from the structural formation of which shall have breaking inspections. Some fine performance lateral rockfaint of which shall have breaking inspections BS. B7 or B10, as applicable. Apply places to each force of trues and position as shown the Joint B0, as applicable. Apply places to each force of trues and position as shown the Joint B0 at all the property of B0. Trasses require extreme care in fabricating, handling, shipping, installing and bracing one latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for an operating these functions. Installers shall provide temporary bracing por BCSI. While 1 seal on this drawing or cover page listing this drawing, indicates acceptance of professions responsibility solicy for the design shown. The authability and use of this drawing for any symponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. 1.5X4 III 5X6 ≡ 1.5X4 5X5 ≡ 5X5 For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com. TPI: www.tpinst.org. WTCA: www.sbcindustry.com. ICE: www.tpcssfo 1-0-0 (a) R=5604 U=331 W=3.5" · · IMPORTANT · · shipping and installation \*\*MACHING! \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!
NT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Design Crit: FBC2010Res/TPI-2007(STD) 4X10 #2 . 5X4 = 4X6 50-8-8 Over 3 Supports 4X6 ≡ 4X10 = FT/RT = 10%(0%)/0(0)5X4 된. = THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR H7 50'8"8 Stepdown Hip Girder) **B**3 43-10-8 43-10-8 3X4 ≡ 3X4 ≡ 4X6 TC- From 56 p
TC- From 58 p
TC- From 58 p
BC- From 20 p
BC- From 10 p
BC- From 10 p
TC- 294, 32 lb Col
TC- 176, 45 lb Col
TC- 176, 45 lb Col
TC- 232, 51 lb Col
BC- 116, 59 lb Col
BC- 125, 99 lb Col Webs Use equal Calculated to dead loa Nail Schedule:0.131"x3" Top Chord: 1 Row @12.0 Bot Chord: 1 Row @12.0 Webs: 1 Row @ 4" Special loads webs : 1 Row @ 4" o.c. Use equal spacing between rows and stagger nails in each row to avoid splitting. H0310 ≡ COMPLETE 232.51 Ib Conc. 116.59 Ib Conc. 125.99 Ib Conc. 5.17.35.19.35.21.3 129.52 Ib Conc. 131.94,33.94 3X4 ≡ Chumber Dur Fac.
From 28 plf a
From 56 plf a
From 20 plf a
From 32 lb Conc.
17.35.19.35.21.3 3X7 ≡ load at X = Q20071110122.23 FUCINEER w e12.00" o.c. v e12.00" o.c. 84 TRUSSES REQUIRED deflection 29-1-10. Load Load . 35.35 5X10 ≡ .5X4 at 43. at 94 299 299 299 200 299 297 Ħ Plate to to to to 5.32 7.35 23.35 . 37 23 6-8-8 QTY:1 is H=H1 R=3800 U=202 5.32 7.35, 9.35,11. 7.94.39.94.41. 3.35,24.64,25. 97 35 200 56 PP 0.43" 5X5 (B2) 39 BC TC SPACING DUR. FAC TOT.LD. 2 64 FL/-/5/-/-/R/due F 믿 민 F .41 t 529 t 44.00 t 50.71 t 0.00 t 6.83 43.97 to .35.13.35 .94 .94.27.94 .35,13.35 .94 .94,27.94 live 37.0 10.0 20.0 PSF 24.0" 1.25 0.0 7.0 load PSF PSF PSF PSF \$\bigsip 10-0-0 \\ \bigsip 9-0-0 \\ \end{array} and 0.59" FROM SEQN-DATE REF HC-ENG JREF-DRW HCUSR9114 15040097 Scale = .125"/Ft. R9114- 24052 1VDT487\_Z01 WHK/WHK 02/09/15

Top chord 2x4 SP 2850f-2.3E Bot chord 2x4 SP 2850f-2.3E Webs 2x4 SP #3 :W2, W7, :W11 2x4 SP 2850f-2.3E: Value Set: 13B (Effective 6/1/2013) umber value set "138" uses design values approved 1/30/2013 by ALSC W10, W18, W20 2×4 SP

SPECIAL LOADS =

3188831777888877777 236 LB Conc. 178 LB Conc. 165 LB Conc. 33, 35, 35, 35, 279 LB Conc. 126 LB Conc. 126 LB Conc. 126 LB Conc. Load at 5.32 Load at 19.35, 9 5.37.35, 39.35, Load at 5.32 Load at 7.35, 9 31 00000000 21.35, 61 PLF at 56 PLF at 55 PLF at 1.35, 1: 23.35, 43.35, 1. 25) 0. 00 2. 31 5. 32 45. 35 51. 00 51. 00 51. 00 13.35, 1: 15, 25.35, 15, 45.35

# 2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3"
Top Chord: 1 Row @12.0
Bot Chord: 1 Row @12.0
Webs: 1 Row @ 4" Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. w @12.00" o.c. w @12.00" o.c.

120 mph wind. 15:00 ft mean hgt, ASCE 7-10, CLOSED bidg, anywhere in roof, RISK CAT II. EXP B, wind TC DL=3.5 psf, DL=5:0 psf, GCpi(+/-)=0.18 Located , wind BC

Wind loads and reactions based on MWFRS

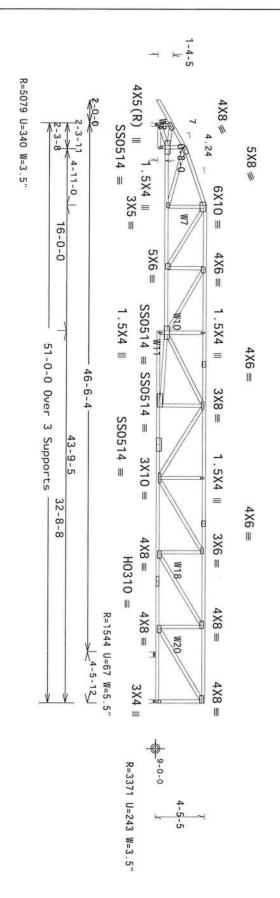
Right end vertical not exposed to wind pressure.

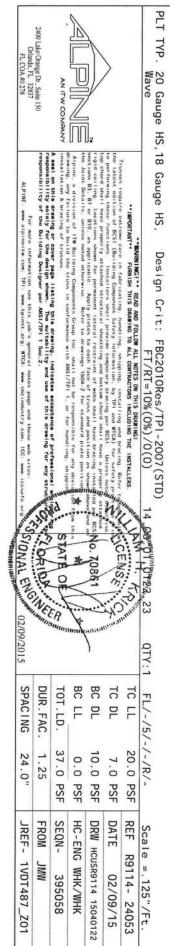
Calculated horizontal deflection is 0.19" due to live due to dead load. load and 0.25

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

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

Calculated vertical deflection is 0.77" to dead load at X = 24-8-4. due to live load and 1.01" due





Top chord 2x4 SP #1 :T1 2x4 SP 2850f-2.3E: Bot chord 2x4 SP 2850f-2.3E :B1 2x4 SP #1: Webs 2x4 SP #3 :W1 2x4 SP #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

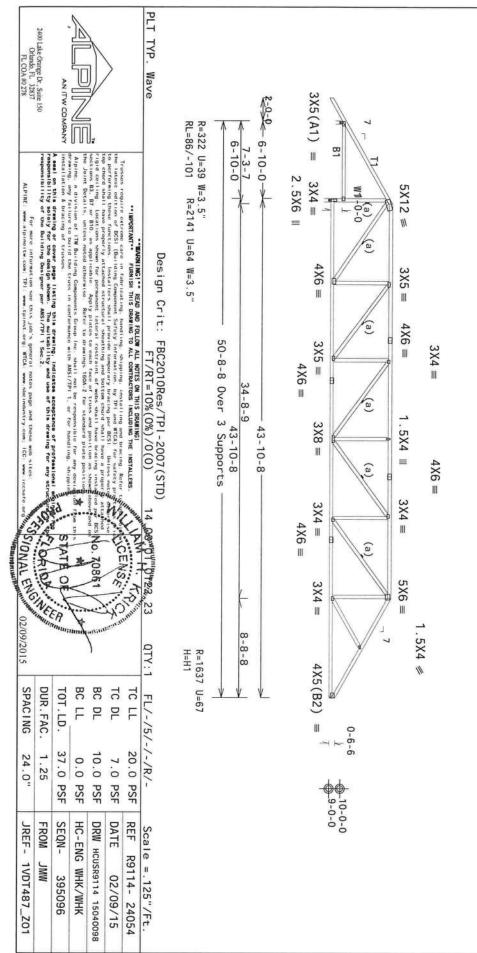
MWFRS loads based on trusses located at least 7.50 ft. from roof edge

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 6.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$  .



Top chord 2x4 SP #1
Bot chord 2x4 SP M-30 :B1 2x4 SP #1:
:B3, B4 2x4 SP 2850f-2.3E:
Webs 2x4 SP #3 :W11, W18 2x4 SP #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Calculated horizontal deflection is 0.12" due to live load and 0.15" due to dead load.

Bottom chord checked for 10.00 psf non-concurrent live load

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

MWFRS loads based on trusses located at least 7.50 ft. from roof edge

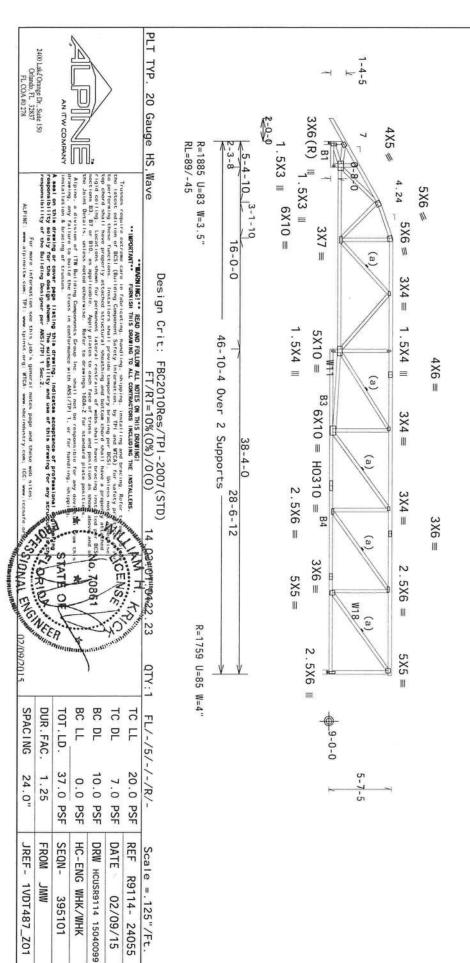
120 mph wind, 15.00 within 6.50 ft from wind BC DL=5.0 psf. 15.00 ft mean hgt, ASC t from roof edge, RISK 0 psf. GCpi(+/-)=0.18 ASCE CAT CLOSED bidg, not located EXP B, wind TC DL=3.5 ps

design Wind loads and reactions based on MWFRS with additional C&C member

Right end vertical not exposed to wind pressure

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$ 



Value Set: 13B (Effective 6/1/2013) Top chord 2x4 SP Bot chord 2x4 SP ##

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

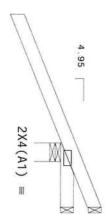
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member

Special loads TC- From BC- From ---(Lumber Opif at -2.83 to 2 plf at 0.00 to 0 plf at -2.83 to 2 plf at 0.00 to 0 plf at -2.83 to 2 plf at 0.00 to Plate e Dur.Fac.=1.25)
55 pif at 0.00
2 pif at 1.41
4 pif at 0.00
2 pif at 1.41

Bottom chord checked for 10.00 psf non-concurrent live load

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



R=-45 Rw=38 01=85.0 -9-7-8

1-5-0 Over 3 Supports R=166 Rw=238 U=87 W=4.949 RL=29/-20

Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0)

Campulation 16

QTY:2

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

PLT TYP. Wave

2400 Lake\*Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY

ALPINE :

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PLT TYP. Wave 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18Value Set: 13B (Effective 6/1/2013) Top chord 2x4 SP #1 Bot chord 2x4 SP 2850f-2.3E Webs 2x4 SP #3 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind loads and reactions based on MWFRS Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY Trusses require extreme care in fabricating, handling, shipping, installing and bracin the latest delicing on BESI (Building Component Safety Information by TP) and MTCA) nor to performing these functions. Installions shall provide temperary acting per BESI. We to performing these functions. Installions about provide temperary acting the sections of the shall have properly acting to structural asserting and bytes chiral have been recorded to the shall have been shall been repeated to the shall be sections to shall be shall be sections. The shall be shall Alpino, a division of ITM Building Components Group Inc. shall not be response drawing, any failure to build the cross in conformance with ARSI/TPLT, or for firstallation & bracing of trusses. asal on this drawing or cover page listing this drawing, indicates acceptance of professions appoint billty solely for the design shown. The suitability and use of this drawing for any a asponsibility of the Bullding Designer per AMSI/TPI 1 Sec. 2. For more information see this job's general notes page and those web sites ALPINE: www.alpineitw.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; IEC: www. \*\*!MPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. 2X4(A1) =R=341 U=176 W=4.949' M Design Crit: FBC2010Res/TPI-2007(STD) 4.95 handling, shipping, installing and bracing. Safety Information, by TPI and WTCA) for sa ill provide comporary bracing por BCSI. Unit FT/RT=10%(0%)/0(0) 9-10-13 Over 3 Supports 1.5X3 ≥ Bottom chord checked for 10.00 psf non-concurrent live load Special loads TC- From
TC- From
BC- From
BC- From
TC- 87.97
TC- 232.0
BC- 3.37
BC- 94.43 ---(Lumber Dur.Fac.=1.25 / Plat From 0 plf at -2.83 to From 2 plf at 0.00 to From 0 plf at -2.83 to From 0 plf at 0.00 to -68.58 lb Conc. Load at 1.4 -87.97 lb Conc. Load at 7.1 -3.37 lb Conc. Load at 1.48 -94.43 lb Conc. Load at 4.31 -94.43 lb Conc. Load at 4.31 ENGINEER 02/09/2015 3X4 ≡ QTY:1 1.48 4.31 7.13 1.48 4.31 7.13 Plate BC LL BC DL TC DL TC LL 2 plf at 0.00 4 plf at 0.00 2 plf at 9.90 4 plf at 0.00 2 plf at 9.90 SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/-R=304 U=30 R=67 U=7 37.0 1.25 10.0 PSF 20.0 PSF 24.0" 0.0 7.0 PSF PSF PSF **⊕**13-1-8 DATE FROM SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040101 REF JREF-Scale =.5"/Ft. R9114- 24057 1VDT487\_Z01 UMW 02/09/15 391128

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - HJ7 9'10"13 Hip Jack Girder)

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

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ Calculated horizontal deflection is 0.11" due to live load and due to dead load. 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18Value Set: 13B (Effective 6/1/2013) Wind loads and reactions based on MWFRS Lumber value set "13B" uses design values approved 1/30/2013 by ALSC THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Value Cat. 128 (Teferation 6/1/2003) 2400 Laké Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave AN ITW COMPANY # # 1 asaion this drawing or cover page listing this drawing, indicates acceptance of profess seponsibility solely for the design shown. The autability and use of this drawing for a seponsibility of the Building Designer per AMSI/TPI1 Sec. 2. when require extreme care in fear-leating, handling, shipping, installing and trest outline as the second s \*\*MACHING! \*\* READ AND FOLLOW ALL MOTES ON THIS DRAWING THE INSTALLERS For more information see this job's general notes page and these www.alpineitw.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com 2-9-15-Design Crit: FBC2010Res/TPI-2007(STD) 1.5X3 III 1.5X3 III R=528 U=61 W=4.95 D 1 - 9 - 13FT/RT = 10%(0%)/0(0)1.5X3 III 1.5X3 ■ 0.21" 3X4 ≡ Ф D 5-7-14 7-5-11 Over 3 Supports e web sites 4.95 TC- From 0 plf at -2.83 to 55 TC- From 2 plf at 0.00 to 2 BC- From 2 plf at -2.83 to 4 BC- From 2 plf at 0.00 to 2 BC- From 2 plf at 0.00 to 2 BC- From 2 plf at 1.82 to 2 TC- 55.62 lb Conc. Load at 1.88 TC- 117.63 lb Conc. Load at 4.50 TC- 54.48 lb Conc. Load at 4.71 BC- 9.23 lb Conc. Load at 1.88 BC- 48.03 lb Conc. Load at 1.88 BC- 48.03 lb Conc. Load at 4.71 Fasten rated sheathing to one face of this frame Bottom chord checked for Special loads 14.03.01.0122 1-0-0 (Lumber HONAL ENGINEER CENS Dur.Fac.=1.25 / Pla: 0 plf at -2.83 to 2 plf at 0.00 to 0 plf at -2.83 to 2 plf at 0.00 to 2 plf at 1.82 to 10.00 psf non-concurrent live load. QTY:1 Plate BC LL BC DL TC DL So Dur.Fac.=1.25)
55 plf at 0.00
2 plf at 7.48
4 plf at 0.00
2 plf at 1.82
2 plf at 7.48 TC LL R=118 U=0 R=166 U=19 DUR. FAC SPACING TOT.LD. FL/-/5/-/-/R/-1.25 37.0 PSF 10.0 20.0 PSF 24.0" 7.0 PSF 3-5-0 0.0 PSF PSF ₩10-0-0 ⊕13-1-8 9-0-0 DATE REF SEQN-DRW HCUSR9114 15040102 FROM HC-ENG WHK/WHK JREF-Scale =.5"/Ft. R9114- 24058 1VDT487\_Z01 02/09/15 395056

ALPINE:

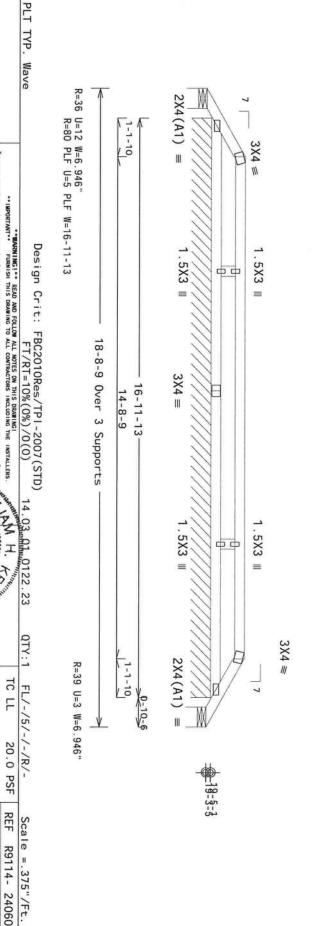
Value Set: 13B (Effective 6/1/2013) (15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - HJ7B 6'5"8 Hip Jack Girder) Special loads THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

PLT TYP. Bottom chord checked for 10.00 psf non-concurrent live load Wind loads and reactions based on MWFRS 120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 p chord 2x4 SP #1 t chord 2x4 SP #1 Webs 2x4 SP #3 Wave AN ITW COMPANY 0-6-6 Alpino, a division of ITW Building Compone drawing, any failure to build the truss in installation & bracing of trusses. Trusses require extreme care in fabricating, handling, shipping, installing the latest distino of BCSI (Building Component Safety Information by TPI and to performing these functions. Installers, shall provide temperary breating to performing these functions. Installers, shall provide temperary breating to perform the shall be shall restrain of with shall rigid ceiling. Locations shown for purmanent lateral restraint of with shall be sections 13, 13 or 810, as applicable. Apply plates to each face of function has been shall be s asel on this drawing or cover page listing this drawing, indicates acceptance of profession esponsibility soilty for the design above. The suitability and use of this drawing for any esponsibility of the fluiding Designer per AMSI/TPI 1 Sec. 2. russos require extreme care in fabricating, handling, shipping, installing and brac larges delice of DEST (Building Component Safety Information, by Pli Jand WEA) for performing those functions, installers shall provide temporary bracing per DEST, chord shall have properly attached structural sheathing and battom chord shall have L-1-7-7 9-0-2 \*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. For more information see this job's general notes page and these www.alpineitw.com TPI www.tpinst.org WTCA: www.sbcindustry.com 3X4(B1) Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) R=217 U=92 W=3.5" W Ш 2-4-1 1.5X3 Ⅲ 1.5X3 II 6-5-8 Over 3 Supports 3X4 ≡ ф Ø HCD SILCS TC- From 0 plf at -1.62 to TC- From 2 plf at 0.00 to BC- From 2 plf at 0.00 to BC- From 2 plf at 0.00 to BC- 70.10 to BC- 190.70 ib Conc. Load at 0.00 to BC- 28.86 ib Conc. Load at 0.00 to BC- 28.86 ib Conc. Load at 1.00 to BC- 28.86 ib Conc. Load at 3.00 to BC 0-8-0 Deflection meets  $L/240\,$  live and  $L/180\,$  total load. Creep increase factor for dead load is 1.50. 14.03..01..0122.23 Harrow Excession (Lumber R=120 U=19 R=93 U=0 QTY:1 0.86 1.60 3.69 0.86 1.60 3.69 to Plate <del>•</del>12-5-9 BC LL BC DL TC DL TC LL ⊕9-8-0 Se Dur.Fac.=1.25)
56 plf at 0.00
2 plf at 6.46
4 plf at 0.00
2 plf at 2.34
2 plf at 6.46 SPACING DUR. FAC TOT.LD. 9-0-0 FL/-/5/-/-/R/-1.25 37.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 24.0" 7.0 PSF DATE FROM SEQN-REF R9114- 24059 HC-ENG WHK/WHK DRW HCUSR9114 15040103 JREF - 1VDT487\_Z01 Scale = .5"/Ft. JMW 02/09/15 395057

ALP INE

Refer to DWG PB160100212 for piggyback details Deflection meets L/240 live and L/180 total load. factor for dead load is 1.50. Bottom chord checked for 10.00 psf non-concurrent live load Lumber value set "13B" uses design values approved 1/30/2013 by ALSC Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Value Set: 13B (Effective 6/1/2013) ### Creep increase edge. 120 mph wind, 19.86 within 9.00 ft from wind BC DL=5.0 psf. In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  OC. design MWFRS loads based on trusses located at least 19.86 ft. ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCpi(+/-)=0.18 CLOSED bldg, not located EXP B, wind TC DL=3.5 ps: from roof

Wind loads and reactions based on MWFRS with additional C&C member



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information see this job's general notes

y com: ICC www.

ONAL ENGINEER

BC LL BC DL TC DL

0.0

PSF

10.0 PSF

DRW HCUSR9114 15040104 HC-ENG WHK/WHK

7.0 PSF

DATE

02/09/15

DUR. FAC.

1.25 37.0 PSF

FROM SEQN-

395038

TOT.LD.

SPACING

24.0"

JREF-

1VDT487\_Z01

02/09/2015

tion of BCS1 (Buildi

handling, shipping, installing and broking Safety Information, by TPI and WTCA) for sa In provide temporary bracing per BCSI. Unio

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP. Refer to DWG PB160100212 for piggyback details. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Bottom chord checked for 10.00 psf non-concurrent live Lumber value set "138" uses design values approved 1/30/2013 by ALSC Value Set: 13B (Effective 6/1/2013) 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave AN ITW COMPANY RL=35R=89 PLF U=3 PLF W=16-11-13 R=2 Rw=27 U=45 W=6.946" 2X4(A1) #1 Ш asal on this drawing or cover page listing this drawing, indicates acceptance of profession appointability solely for the design shown. The satistability and use of this drawing for any asponsibility of the Building Dasigner per AMSI/TPI 1 Sec.2: 3-1-10 Joint Details, unless noted otherwise. Refer to drawings 160A-2 for ALPINE: redition of BCSI (Building Compa For more information see this job's general notes www.alpineitw.com; TPI; www.tpinst.org; WTCA; www.s 3X4 ≤ Design Crit: FBC2010Res/TPI-2007(STD) 1.5X3 III 1.5X3 Safety information, by TPI and WTCA) for 18-8-9 Over 3 Supports FT/RT=10%(0%)/0(0) 3X4 ≡ sbeindustry.com; ICC: www 16-11-13 edge. Wind loads and reactions based on MWFRS with additional C&C member 120 mph wind, 20.44 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 ps wind BC DL=5.0 psf. GCpi(+/-)=0.18MWFRS loads based on trusses located at least 20.44 ft. In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$  . design 1.5X3 TOWN ENGINEERS 1.5X3 = 3X4 ≥ 02/09/2015 3-1-10 QTY:1 2X4(A1) R=5 Rw=10 U=24 W=6.946" BC LL BC DL TC DL TC LL SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/-0-10-6 37.0 1.25 10.0 PSF 20.0 0.0 24.0" 7.0 PSF PSF PSF PSF from roof FROM SEQN-DATE REF JREF-HC-ENG WHK/WHK DRW HCUSR9114 15040105 Scale = .375"/Ft. R9114- 24061 JMW 1VDT487\_Z01 02/09/15 395039

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # PLT TYP. Refer to DWG PB160100212 for piggyback details. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Lumber value set "13B" uses design values approved 1/30/2013 by ALSC Value Set: 13B (Effective 6/1/2013) 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave AN ITW COMPANY R=34 Rw=60 U=41 W=6.946" RL=82R=82 PLF U=0 PLF W=15-9-12 2X4(A1) ### Alpino, a division of ITW Building Components Gr drawing, any failure to build the truss in confor installation & bracing of trusses. Trusses deligne extreme care in fabricating handling, shipping, installing and bracing Actor the latest delign of DSS (Building Component Safety Information by TP) and WTCA) for actery properties to performing these functions. Installers shall provide supported to the strong per BCS, but has been provided to performing these functions. Installers are structural structural structural should be shall have a property process shall have properly attends structural structural structural structural structural should be been shall have been provided to the shall be shall be been shall be A seal on this drawing or cover page listing this drawing, indicates acceptance of profession responsibility soily for the design shown. The suitability and use of this drawing for any responsibility of the Building Designer per AMSI/TPI 1 Sec. 2. Ш 7 ALPINE: \*\*!MPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS for more information see this job's general notes page and these www.alpinoitw.com; TPI: www.tpinst.org; WTCA: www.nbcindustry.com 1.5X3 III 7-10-14 . 5X3 Design Crit: FBC2010Res/TPI-2007(STD) 17-6-8 Over 3 Supports FT/RT=10%(0%)/0(0) 15-9-12 3X4 ≡ WOB SIEUS MWFRS loads based on trusses located at least 22.66 ft. from roof Bottom chord checked for 10.00 psf non-concurrent live Wind loads and reactions based on MWFRS with additional C&C member 120 mph wind, 22.66 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 ps: wind BC DL=5.0 psf. GCpi(+/-)=0.18design <sup>1</sup> 7 1.5X3 Ⅲ 7-10-14 1.5X3 ENERA 02/09/2015 2X4(A1) =R=34 U=3 W=6.946 QTY:1 0-10-6 BC DL TC LL DUR. FAC. TC DL SPACING TOT.LD. FL/-/5/-/-/R/-37.0 1.25 0.0 10.0 PSF 20.0 PSF 24.0" 7.0 PSF PSF PSF SEQN-DATE FROM REF HC-ENG WHK/WHK DRW HCUSR9114 15040106 JREF - 1VDT487\_Z01 Scale = .375"/Ft. R9114- 24062 UMW psf. 02/09/15 395040

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP. Refer to DWG PB160100212 for piggyback details Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Value Set: 13B (Effective 6/1/2013) Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave AN ITW COMPANY R=34 Rw=60 U=41 W=6.946" RL=82**R=82** PLF U=0 PLF W=15-9-12 2X4(A1) ##1 Alpine, a division of ITW Building Components Gr Frawing, any failure to build the truss in confor installation & bracing of trusses. III aseal on this drawing or cover page listing this drawing, indicates acceptance of profession seponsibility solely for the dealign shown. The suitability and use of this drawing for any seponsibility of the Building Dealigner per AMSI/TPI 1 Sec. 2. 7 ALPINE: require extreme care in fabricating, edition of BCS1 (Building Component \*\*WARMING! \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING! For more information see this job's general notes page and these www.sipinoitw.com; TPI: www.tpinot.org; WTCA: www.sbcindustry.com; 1.5X3 III 7-10-14 1.5X3 Design Crit: FBC2010Res/TPI-2007(STD) Safety information, by TPI and WTCA) for safety 17-6-8 Over 3 Supports FT/RT=10%(0%)/0(0) 15-9-12 3X4 ≡ i ICC: www. 120 mph wind, 22.68 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 ps wind BC DL=5.0 psf. GCpi(+/-)=0.18MWFRS loads based on trusses located at least 22,68 ft. from roof design. Bottom chord checked Wind loads and reactions based on MWFRS with additional C&C member 1.5X3 III 7-10-14 1.5X3 AND! ENGINEER for 02/09/2015 2X4(A1) 10.00 psf non-concurrent live R=34 U=3 W=6.946" QTY:1 0-10-6 III BC LL BC DL TC DL TC LL SPACING DUR. FAC. TOT.LD. FL/-/5/-/-/R/-37.0 1.25 10.0 PSF 24.0" 20.0 PSF 0.0 7.0 PSF PSF PSF DATE FROM SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040107 JREF - 1VDT487\_Z01 Scale = .375"/Ft. R9114- 24063 UMW 02/09/15 395041

Top chord 2x4 SP 2850f-2.3E
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Bottom chord checked for 10.00 psf non-concurrent live load

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

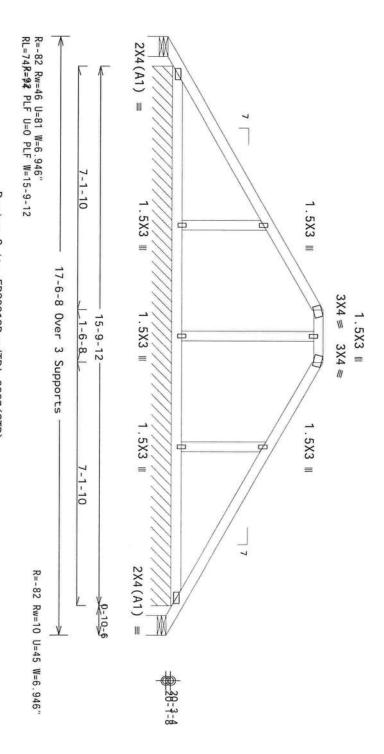
Refer to DWG PB160100212 for piggyback details

120 mph wind, 22.46 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf wind BC DL=5.0 psf, GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C.

MWFRS loads based on trusses located at least 22.46 ft. from roof edge.



PLT TYP. Wave 2400 Laké Orange Dr., Suite 150 Oriando, FL 32837 FL COA #0 278 AN ITW COMPANY asal on this drawing or cover page listing this drawing, indicates acceptance of profession apponsibility solely for the design shown. The suitability and use of this drawing for any apponsibility of the Building Designor per ANSI/TPI 1 Sec.2: ALPINE \*\*!MPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS For more information see this job's general notes page and these web sites: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.icchafe Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) ENGINEER 02/09/2015 QTY:1 BC LL BC DL TC DL TC LL SPACING DUR. FAC. TOT.LD. FL/-/5/-/-/R/-37.0 24.0" 1.25 10.0 PSF 20.0 PSF 0.0 7.0 PSF PSF PSF DATE FROM SEQN-REF HC-ENG WHK/WHK DRW HCUSR9114 15040108 JREF-Scale = .375"/Ft. R9114- 24064 UMW 1VDT487\_Z01 02/09/15 395106

PLT TYP. Wave Refer to DWG PB160100212 for piggyback details Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Bottom chord checked for 10.00 psf non-concurrent live load Top chord 2x4 SP 2850f-2.3E :T2 2x4 SP Bot chord 2x4 SP #1 Webs 2x4 SP #3 Value Set: 13B (Effective 6/1/2013) Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY R=-51 Rw=44 U=57 W=6.946" RL=55R=8§ PLF U=0 PLF W=15-9-12 2X4(A1) Alpino, a division of ITW Building Components Group Inc. shall not be responsed drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for inscallation & bracing of trusses. Trussos require extreme care in fabricating, handling, shipping, installing and bracin the latest edition of BCSI (Building Component Sarety Information by TPI and BTCA) for the performing these functions. Installers shall provide temporary bracing per BCSI. When periodicity attached structural installers and battes chould shall have bracing the structural installers restraint of webs shall have bracing the structural should be shall be shall be setting the structural should be shall be t seal on this drawing or cover page listing this drawing, indicates acceptance of profession seponsibility solely for the design shown. The suiteshility and use of this drawing for any exponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. ALPINE 5-1-10 \*\*!WPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS For more information see this job's general notes www.slpineitw.com; TPI; www.tpinst.org; WTCA: www.s #1: Design Crit: FBC2010Res/TPI-2007(STD) 1.5X3 III . 5X3 3X4 ≤ 17-6-8 Over 3 Supports FT/RT=10%(0%)/0(0) 12 15-9-12 HCC: www. 3X4 ≥ 1.5X3 II 120 mph wind, 21.88 within 9.00 ft from wind BC DL=5.0 psf. edge. In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$ des ign. Wind loads and reactions based on MWFRS with additional C&C member MWFRS loads based on trusses located at least 21.88 ft. .5X3 5 - 1 - 10ENGINEER ft mean hgt, ASCE 7-10, CLOSED bidg, not located roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, GCpi(+/-)=0.18 02/09/2015 2X4(A1) R=-51 Rw=19 U=32 W=6.946" QTY:1 0-10-6 SPACING BC LL BC DL DUR. FAC. TC TOT.LD. TC LL FL/-/5/-/-/R/-믿 37.0 1.25 10.0 PSF 20.0 0.0 24.0" 7.0 PSF PSF PSF PSF from roof DATE SEQN-REF FROM JREF-HC-ENG WHK/WHK DRW HCUSR9114 15040109 Scale = .375"/Ft. R9114- 24065 1VDT487\_Z01 LMW 02/09/15 395043

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C. Value Set: 13B (Effective 6/1/2013) Lumber value set "13B" #1

uses design values approved 1/30/2013 by ALSC

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

Refer to DWG PB160100212 for piggyback details

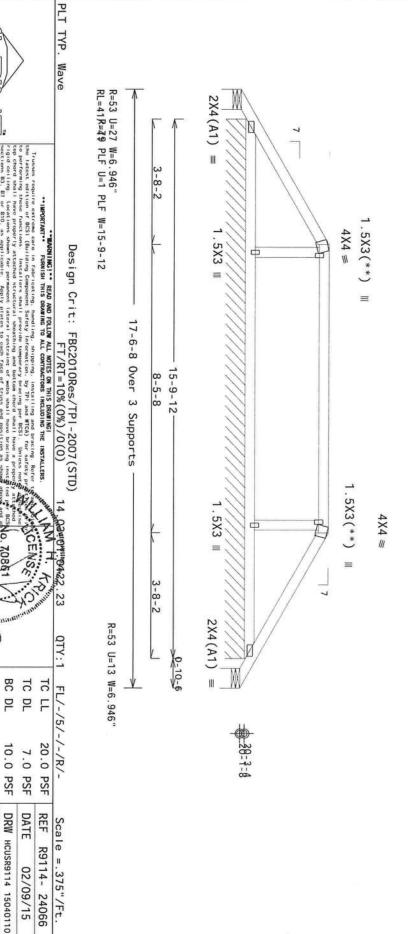
(\*\*) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements. \*\*

120 mph wind, 21.45 ft mean hgt, ASCE 7-10, CLOSED bldg, within 9.00 ft from roof edge, RISK CAT II, EXP B, wind wind BC DL=5.0 psf. GCpi(+/-)=0.18not located TC DL=3.5 psf,

Wind loads and reactions based on MWFRS with additional C&C member des i gn.

Bottom chord checked for 10.00 psf non-concurrent live load

edge. MWFRS loads based on trusses located at least 21.45 ft. from roof



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FIGNEER

SPACING DUR. FAC TOT.LD.

24.0" 1.25

JREF-

1VDT487\_Z01

UMW

BC LL

0.0

HC-ENG WHK/WHK

37.0

PSF PSF

SEQN-FROM

395044

For more information see this job's general notes page and these web sites www.alpineitw.com; [FI] www.tpinst.org; WTCA; www.sbcindustry.com; [EC] www.

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Bottom chord checked for 10.00 psf non-concurrent live Value Set: 13B (Effective 6/1/2013) Lumber value set "13B" uses design values approved 1/30/2013 by ALSC ##1 311

120 mph wind, 20.71 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 ps: wind BC DL=5.0 psf. GCpi(+/-)=0.18

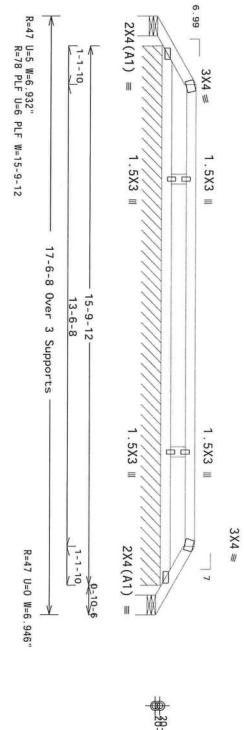
des ign. Wind loads and reactions based on MWFRS with additional C&C member

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

MWFRS loads based on trusses located at least  $20.71\ \text{ft.}$  edge. from roof

Refer to DWG PB160100212 for piggyback details

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



asal on this drawing or cover page listing this drawing, indicates acceptance of profession appossibility solely for the design above. The suitability and use of this drawing for any appossibility of the Building Designer per AMSI/TPI 1 Sec. 2. ALP INE edition of BCS1 (Building C \*\*!MPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS For more information see this job's general www.alpineitw.com. TPI www.tpinstorg. WTCA 100 sices ENGINEER

> BC LL BC DL TC DL TC LL

0.0

HC-ENG WHK/WHK DRW HCUSR9114 15040111

10.0 PSF

37.0 1.25

PSF PSF

FROM SEQN-

LMW

395045

SPACING DUR. FAC TOT.LD.

24.0"

JREF -

1VDT487\_Z01

2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278

AN ITW COMPANY

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STD)

FT/RT=10%(0%)/0(0)

QTY:1

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

Scale = .375"/Ft. R9114- 24067

20.0 PSF

7.0

PSF

DATE REF

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2850f-2.3E :T2 2x4 SP #1: #1 #3

Bottom chord checked for 10.00 psf non-concurrent live load

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

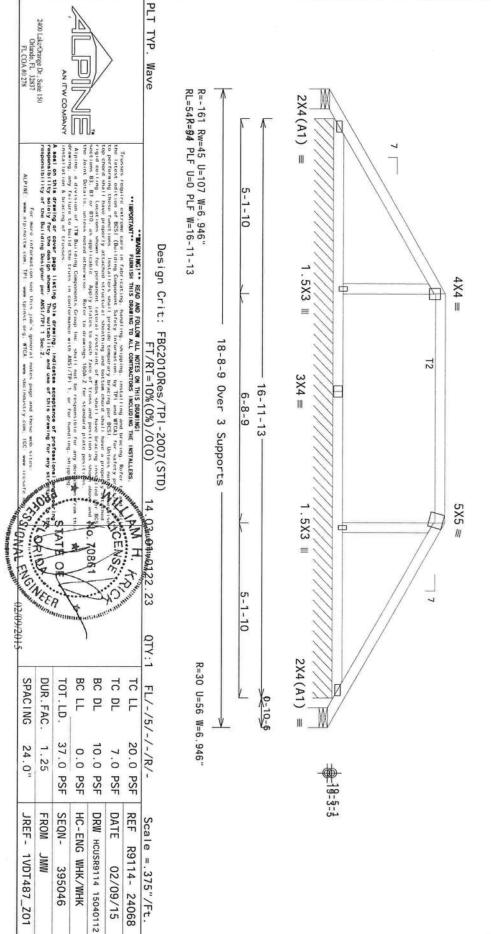
Refer to DWG PB160100212 for piggyback details

120 mph wind, 21.03 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

design. Wind loads and reactions based on MWFRS with additional C&C member

In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$ 

edge. MWFRS loads based on trusses located at least 21.03 ft. from roof



Top chord 2x4 SP 2850f-2.3E :T1 2x4 SP #1: Bot chord 2x4 SP #1 Webs 2x4 SP #3 Value Set: 13B (Effective 6/1/2013)

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Bottom chord checked for 10.00 psf non-concurrent live load

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

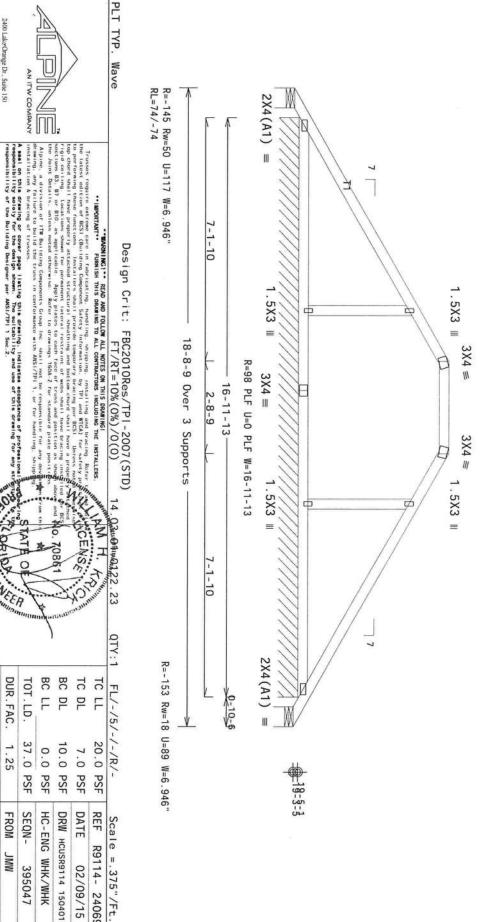
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 21.61 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member des ign.

In lieu of structural panels use purlins to brace all flat TC @ 24"  $0\text{C}_{\cdot}$ 

MWFRS loads based on trusses located at least 21.61 ft. from roof



2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 ALPINE For more information see this job's general notes www.aipineitw.com, TPI: www.tpinst.org, WTCA: www. these web sites 02/09/2015 SPACING 24.0" HC-ENG WHK/WHK DRW HCUSR9114 15040113 JREF-R9114- 24069 1VDT487\_Z01 02/09/15 395047

PLT TYP. Wave Refer to DWG PB160100212 for piggyback details. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Lumber value set "138" uses design values approved 1/30/2013 by ALSC Top chord 2x4 SP 2850f-2.3E Bot chord 2x4 SP #1 Webs 2x4 SP #3 Value Set: 13B (Effective 6/1/2013) 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 R=-162 Rw=57 U=132 W=6.946" RL=87R=800 PLF U=0 PLF W=16-11-13 2X4(A1) Alpino, a division of ITW Building drawing, any failure to build the trinstallation & bracing of trusses. Trusses, origine extreme care in fabricating, handling, shipping, installing and brising, Botter the latest origine of BCS (Building Coopenant Streey Information, by FP) and BCA) (or safety proposed to performing these functions. In installines and product emperature that have properly attended structural snouthing and bottes choicd shall have a properly properly attended structural snouthing and bottes choicd shall have been properly attended structural snouthing and bottes choicd shall have been properly attended to tructural snouthing and bottes choiced shall have been properly attended to be sometimes of the structural snouthing and bottes of the shall be s A seal on this drawing or cover page listing this drawing, indicates acceptance of profession responsibility solely for the design shown. The suitability and use of this drawing for any responsibility of the Building Designer per ANSI/TPI 1 Sec.2. ALPINE: \*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. For more information see this job's general notes page and these web sites www.alpinoitw.com, TPI: www.tpinst.org; WTCA: www.sbcindustry.com; [CC] www. Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 8-5-14 1.5X3 III 1.5X3 18-8-9 Over 3 Supports 3X4 ≡ 16-11-13 3X4 ≡ Wind loads and reactions based on MWFRS with additional C&C member 120 mph wind, 22.00 within 9.00 ft from wind BC DL=5.0 psf. MWFRS loads based on trusses located at least 22.00 ft. from roof Bottom chord checked design . 5X3 .5X3 ≡ THE THE WAR Q344044401,22.23 8-5-14 ft mean hgt, ASCE 7-10, CLOSED bldg, not located roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, GCpi(+/-)=0.18 for 02/09/2015 10.00 QTY:1 2X4(A1) psf non-concurrent live R=-162 Rw=19 U=93 W=6.946' BC LL BC DL TC DL TC LL SPACING DUR. FAC. TOT.LD. FL/-/5/-/-/R/-0-10-6 37.0 PSF 24.0" 1.25 10.0 PSF 20.0 PSF 0.0 PSF 7.0 PSF DATE SEQN-FROM REF JREF-HC-ENG WHK/WHK DRW HCUSR9114 15040114 Scale = .375"/Ft. R9114- 24070 1VDT487\_Z01 JMW 02/09/15 395113

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3 Lumber value set "13B" L

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

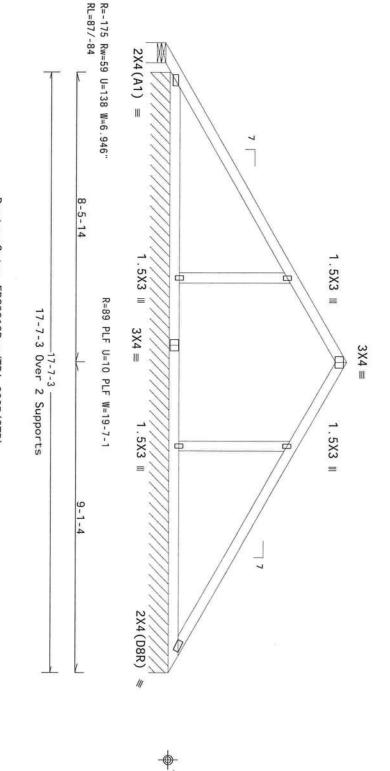
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 22.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 22.00 ft. from roof edge.



PLT TYP. 2400 Lake-Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave to performing those functions. Installors shall provide temporary bearing top conditions in more properly attached structural shouther and better contributes a first contribute to the performance (attract) restraint of what sections shown for permanent lateral restraint of what sections the major particular seal on this drawing or cover page listing this drawing, indicates acceptance of profession esponsibility solily for the design shown. The suitability and use of this drawing for any exponsibility of the Building Designer per ARSI/TPI 1 Sec. 2. Trusses require extreme care in fabricating, handling, shipping, installing and the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA For more information see this job's general notes page and these web sites. ALPINE: www.aipinoitw.com, TPI: www.tpinst.org: WTCA: www.sbcinduntry.com, ICC: www. \*\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL MOTES ON THIS DRAWING THE INSTALLERS. Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 0.3,,,,0.1,22.23 QTY:1 TC DL BC LL BC DL TC LL SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/-24.0" 1.25 37.0 PSF 10.0 20.0 PSF 0.0 PSF 7.0 PSF PSF DATE FROM SEQN-JREF-REF HC-ENG WHK/WHK DRW HCUSR9114 15040115 Scale = .375"/Ft. R9114- 24071 1VDT487\_Z01 JMW 02/09/15 395049

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3 Value Set: 13B (Effective 6/1/2013) Lumber value set "13B" :T1 2x4 SP 2850f-2.3E uses design values approved 1/30/2013 by ALSC

In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C.

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

Refer to DWG PB160100212 for piggyback details

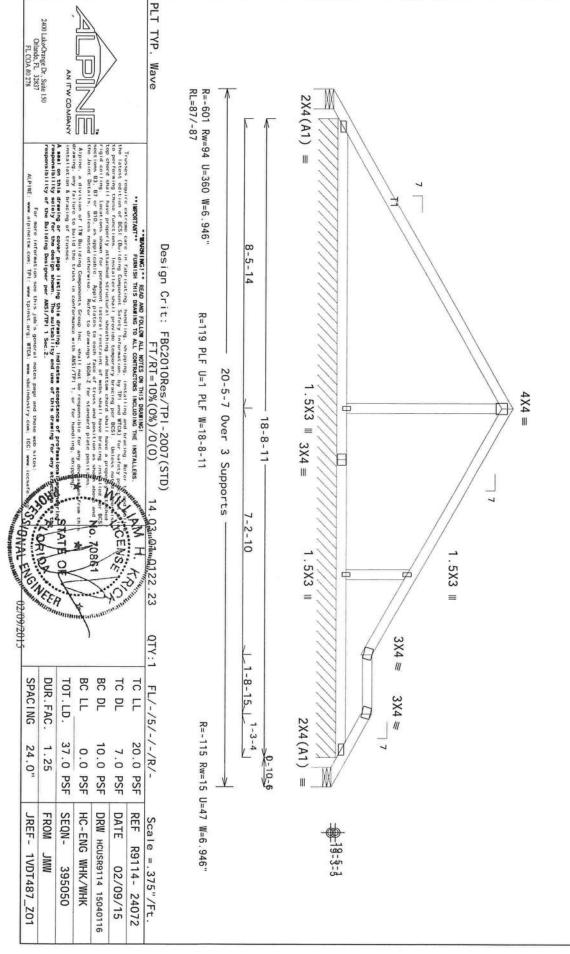
Negative reaction(s) of -601# MAX. (See below) from a non-wind load case requires uplift connection.

120 mph wind, 22.00 ft mean hgt, ASCE 7-10, within 9.00 ft from roof edge, RISK CAT II, wind BC DL=5.0 psf. GCpi(+/-)=0.18CLOSED bldg EXP B, wind not located TC DL=3.5 psf,

Wind loads and reactions based on MWFRS with additional C&C member design

Bottom chord checked for 10.00 psf non-concurrent live load

edge. MWFRS loads based on trusses located at least 22.00 ft. from roof



Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP. Refer to DWG PB160100212 for piggyback details In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C. Value Set: 13B (Effective 6/1/2013) Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Lumber value set "13B" 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave AN ITW COMPANY RL=87/-87 R=-569 Rw=94 U=340 W=6.946 2X4(A1) ##1 3 uses design values approved 1/30/2013 by ALSC seal on this drawing or cover page listing this drawing, indicates acceptance of profession esponsibility solely for the design shown. The sultability and use of this drawing for any a esponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. Ш ALPINE: "" IMPORTANT" FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS For more information see this job's general notes page and these www.alpineitw.com; TPI: www.tpinst.org: WTCA: www.sbcindustry.com Design Crit: FBC2010Res/TPI-2007(STD) 8-5-14 FT/RT=10%(0%)/0(0) 20-5-7 Over 3 Supports .5X3 ≡ 4X4 ≡ R=113 PLF U=1 PLF W=18-8-11 18-8-11 1CC: www. 3X4 ≡ edge. 120 mph wind, 22.00 ft mean hgt, ASCE 7-10, within 9.00 ft from roof edge, RISK CAT II, wind BC DL=5.0 psf. GCpi(+/-)=0.18Negative reaction(s) of -569# MAX. (See below) from a non-wind case requires uplift connection. MWFRS loads based on trusses located at least 22.00 ft. from roof Bottom chord checked for 10.00 psf non-concurrent live load. design Wind loads and reactions based on MWFRS with additional C&C member 5-2-10 WONAL ENGRALE 1.5X3 II . 5X3 3X4 ≥ 1-8-15 02/09/2015 3X4 ≤ QTY:1 BC LL BC DL TC DL TC LL DUR. FAC SPACING TOT.LD. FL/-/5/-/-/R/-3-3-4 2X4(A1) R=1 Rw=7 U=33 W=6.946" CLOSED bldg EXP B, wind 1.25 37.0 24.0" 10.0 PSF 20.0 PSF 7.0 0.0 PSF 0-10-6 PSF PSF not located TC DL=3.5 psf, DATE SEQN-DRW HCUSR9114 15040117 REF R9114 - 24073 FROM HC-ENG WHK/WHK JREF-Scale = .375"/Ft. load 1VDT487\_Z01 02/09/15 395051

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP. Refer to DWG PB160100212 for piggyback details In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C. Value Set: 13B (Effective 6/1/2013) Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 2400 Luke Orunge Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave AN ITW COMPANY RL=87/-87 R=-597 Rw=87 U=344 W=6.946" 2X4(A1) ##1 3 Alpino, a division of ITW Bui drawing, any failure to build i installation & bracing of trus III asal on this drawing or cover page listing this drawing, indicates acceptance of profess appoint bility so lely for the design shown. The suitability and use of this drawing for imponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. ALPINE: 7 \*\*\* MARNING! \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING! ire extreme care in fabricating, For more information see this job's general notes waw alpineitw.com; TPI: www.tpinet.org; WTCA: www.spinet.org; WTCA: www.spinet.org Design Crit: FBC2010Res/TPI-2007(STD) 8-5-14 FT/RT=10%(0%)/0(0) 20-5-7 Over 3 Supports R=123 PLF U=2 PLF W=18-8-11 s page and those web sites: sbcindustry.com; ICC: www.iccsa 4X4 ≡ .5X3 Ⅲ 3X4 ≡ 18-8-11-3 - 2 - 10edge. 120 mph wind, 22.00 ft mean hgt, ASCE 7-10, CLOSED bldg within 9.00 ft from roof edge, RISK CAT II, EXP B, wind wind BC DL=5.0 psf. GCpi(+/-)=0.18Negative reaction(s) of -597# MAX. case requires uplift connection. MWFRS loads based on trusses located at least 22.00 ft. Bottom chord checked for 10.00 psf non-concurrent live load design Wind loads and reactions based on MWFRS with additional C&C member 3X4 ≥ 14.03,,01,,0122.23 1-8-15 STONAL SUGNAL CENS . 5X3 4X4 ≡ QTY:1 5-3-4 BC LL BC DL TC DL TC LL SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/-(See below) from a non-wind 2X4(A1) R=-191 Rw=22 U=93 W=6.946" 37.0 1.25 10.0 PSF 20.0 PSF 24.0" 0.0 7.0 0-10-6 PSF PSF PSF from roof not located TC DL=3.5 psf, SEQN-DATE JREF-FROM HC-ENG WHK/WHK DRW HCUSR9114 15040118 REF R9114- 24074 Scale = .375"/Ft. load 1VDT487\_Z01 UMW 02/09/15 395052

PLT TYP. Note: All Plates Are 1.5X3 Except As Shown. Refer to DWG PB160100212 for piggyback details. Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Deflection meets L/240 live and L/180 factor for dead load is 1.50. Bottom chord checked for 10.00 psf non-concurrent live load Lumber value set "13B" uses design values approved 1/30/2013 by ALSC Value Set: 13B (Effective 6/1/2013) 2400 Lake\*Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 Wave R=34 Rw=51 U=31 W=6.946 RL=75/-75 2X4(A1) #1 esal on this drawing or cover page listing this drawing, indicates acceptance or esponsibility solely for the dosign shown. The suitability and use of this draw esponsibility of the Building Designer per AMSI/TPI 1 Sec. 2. Ш \*\* IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS For more information see this job's general notes www.alpinoitw.com; TPI: www.tpinst.org: WTCA: www.spinst.org: total load. Creep increase 7-3-4 Design Crit: FBC2010Res/TPI-2007(STD) 3X4 ≤ 20-5-7 Over 3 Supports R=77 PLF U=0 PLF W=18-8-11 18-8-11 /0(0) ICC: www. 3X4 ≡ 120 mph wind, 2: within 9.00 ft 1 wind BC DL=5.0 p edge. MWFRS loads based on trusses located at least 21.65 ft. In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  OC. design Wind loads and reactions based on MWFRS with additional C&C member 3X4 ≥ STONAL ENGRAL from ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCpi(+/-)=0.18 7-3-4 QTY:1 BC LL BC DL TC DL TC LL SPACING DUR. FAC TOT.LD. FL/-/5/-/-/R/ф 2X4(A1) R=34 U=0 W=6.946" CLOSED bldg, not located EXP B, wind TC DL=3.5 ps: 37.0 1.25 10.0 PSF 20.0 PSF 24.0" 0.0 PSF 7.0 PSF 0-10-6 PSF from roof DATE SEQN-REF FROM DRW HCUSR9114 15040119 HC-ENG WHK/WHK JREF- 1VDT487\_Z01 Scale = .375"/Ft. R9114- 24075 psf, 02/09/15 395053

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3 Value Set: 13B (Effective 6/1/2013)

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

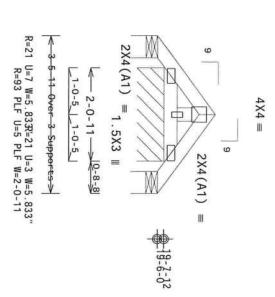
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PB160100212 for piggyback details

120 mph wind, 20.15 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

design. Wind loads and reactions based on MWFRS with additional C&C member

Bottom chord checked for 10.00 psf non-concurrent live load



PLT TYP. Wave 2400 Lake Orange Dr., Suite 150 Orlando, FL 32837 FL COA #0 278 AN ITW COMPANY Trussor require extreme care in fabricating; handling, shipping, installing and bracing the latest edition of BDS (duriding dependent Safety Information, by PI) and WDA; for said to performing these functions. Installions shall provide teaporary bracing per BDS. Unlock to performing these functions. Installions shall provide teaporary bracing per BDS. Unlock to perform the way properly attached extractural statesting and bettee chord shall have properly attached extractural statesting and bettee chord shall have bracing sections BB. BF or BDQ, as applicable. Apply plates to anticipate the shall have bracing the joint Details, unless noted otherwise. Refer to drawing, 186A-Z for standard plate pool joint Details, unless noted otherwise. Refer to drawing, 186A-Z for standard plate pool Alpine, a division of ITW Building Components drawing, any failure to build the truss in confinetaliation & bracing of trusses. asaion this drawing or cower page listing this drawing, indicates acceptance of profession emponsibility solely for the dealgn shown. The suitability and use of this drawing for any exponsibility of the Building Designer per MSS/TP1 1 Sec.2. ALP INE \*\*MACHING! \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. For more information see this job's general notes page and these www.alpineitw.com, TPI www.tpinst.org. WTCA www.sbcindustry.com Design Crit: FBC2010Res/TPI-2007(STD) FT/RT=10%(0%)/0(0) 1CC www. 14.03..01..0122.23 HONAL ENERGY CENS QTY:13 FL/-/5/-/-/R/-BC LL BC DL TC DL DUR. FAC TC LL SPACING TOT.LD. 1.25 37.0 PSF 24.0" 20.0 PSF 10.0 PSF 0.0 PSF 7.0 PSF DATE SEQN-HC-ENG WHK/WHK DRW HCUSR9114 15040120 REF R9114- 24076 FROM JREF-Scale = .5"/Ft. 1VDT487\_Z01 02/09/15 395054

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Truss designed to support 2-0-0 top chord outlookers and 10.00 PSF cladding load one face, and  $24.0^\circ$  span on opposite face. Top chord must not be cut or notched.

See DWG VAL160101014 for valley details

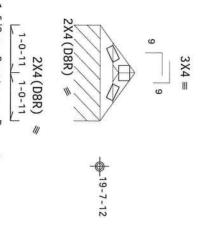
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 20.19 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live

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



R=136 PLF U=37 PLF W=2-1-5 2-1-5 Over Continuous Support

Design Crit: FBC2010Res/TP1-2007(STD) FT/RT=10%(0%)/0(0)

14.03.01.0122.23

QTY:1

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

20.0 PSF

REF R9114 - 24077

Scale = .5"/Ft.

7.0 PSF

DATE

02/09/15

CENSE

PLT TYP. Wave

\*\*MACHING: \*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING THE INSTALLERS.

asel on this drawing or cover page listing this drawing, indicates acceptance of profession esponsibility solicy for the design shown. The suitability and use of this drawing for any esponsibility of the Building Designor per AMSI/TPI 1 Sec. 2: ALPINE: www.alpineitw.com; TPI: www.tpinet.org; NTCA: www.nbcindustry.com; IEC: www.

2400 Lake Orange Dr. Suite 150 Orlando, FL 32837 FL COA #0 278

AN ITW COMPANY

SPACING DUR. FAC 1.25 24.0" FROM UMW

02/09/2015

JREF - 1VDT487\_Z01

BC LL BC DL TC DL TC LL

0.0 PSF

HC-ENG WHK/WHK

10.0 PSF

DRW HCUSR9114 15040121

TOT.LD.

37.0 PSF

SEQN-

395055

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

## Notes

L-reinforecement or scab reinforcement. shown on single ply sealed designs to I-reinforcement or This detail is only applicable for changing the specified CLR

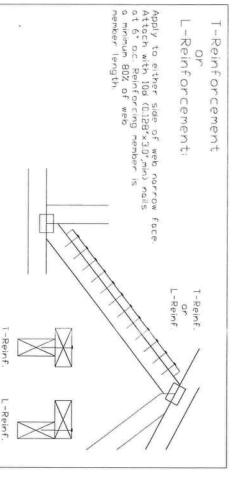
Alternative reinforcement specified in chart below may be conservative reinforcement type. For minimum alternative reinforcement, re-run design with appropriate

N N	พพ	N N X X X X	Web
88 8 × 8	5×6	2×3 or 2×4 2×3 or 2×4	Web Member Size
1 rows	2 rows	1 rows	Specified CLR Restraint
5×6	2×4 2×6	2×4 2×6	Alternative Reinforecement T- or L- Reinf. Scab Reinf
1-2×8 2-2×6(*)	1-2×6 2-2×4(*)	1-2×4 2-2×4	Scob Reinf.

T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

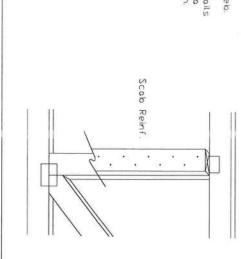
face of web. Center scab on wide face of web. Apply (1) scab to each

# CLR Reinforcing Member Substitution



# SCOR Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0128°x30°,min) noils at 6° o.c. Reinforcing member is a minimum 80% of web member length.





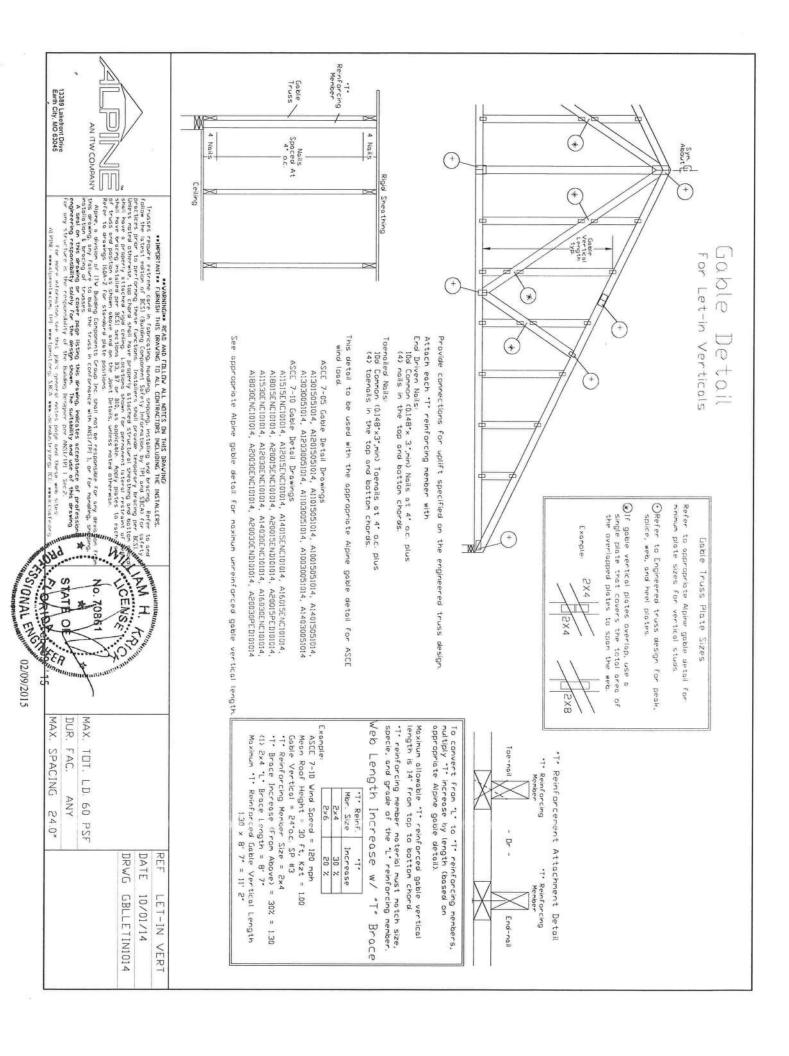
13389 Lakefront Drive Earth City, MO 63045

Presses require extreme core in fabricating, handling, shipping, installing and breating. Briter to any proceeding the latest addition of BCSI (Building Component Safety) Information, by JPD and SEAN for setting proceeding the property attacked structural sheat property attacked rigid colling. Installines shall have a property attacked rigid colling. Locations shown for performent to breat restraint of the property attacked structural structural sheating and between the sections 83, 37 or Big, as applicable. Adapt parties to each shall have becausing installed per BCSI sections 83, 37 or Big, as applicable. Adapt parties to each section set of the section set of the sections 83, 37 or Big, as applicable. Adapt parties to each section set of the \*\*VARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING THE INSTALLERS.

OS/ONAL ENG CENS 02/09/2015 U W w SPACING

CLL	PSF	PSF REF	CLR Subst.
C DL	HSF	DATE	10/01/14
C DL	PSF	DRWG	BRCLBSUB1014
CLL	PSF		
OT. LD.	9SE		
UR. FAC.			
200			

Diagonal brace option: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 335H at each end. Max web total length is 14". Vertical Length Gable 79 Max 13389 Lakefront Drive Earth City, MO 63045 Vertical length shown in table above. Spacing Species Connect diagonal at midpoint of vertical web 12" 16" 24 O.C. 0.C. 0.0 Баюзе AN ITW COMPANY CX A SPF TH SPF DFL SPF DFI Vertical SP SP 50 Standard Standard Standard Grade #, tandard Stud Stud Stud Stud Trusses require extreme care in fabricaling, handling, shapping, installing and bracking. Refer to and practice the latest edition of IRSI (bluding Component Spray Information, by TPI and SQAN for carety, proceedings of the stress price to performing these functions. Underlying the stress price to performing the sections. Installing shall provide temporary breaking per IRSI between the property attached structural sheathing bright and bottom shall have breaking and bottom shall have breaking attached structural sheathing the structural sheathing bright structural sheathing to structural sheathing bright structural sheathing to structural sheathing bright structural sheathing to structural sheathing to structural sheathing to sheathing the structural sheathing the structural sheathing to sheathing to sheathing to sheathing the sheathing # Brace 7 - 10Jable Truss \*\*VARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING INSTALLERS. Braces က် က် လံ လံ က် က် က် က် 4. 4. 4, 8, 4' 10" 9 0. 45 120 pronb better diagonal brace; single or double cut (as shown) at upper end 9 9 10 2 4 نه نه œ 00 0 2×4 DF-L #2 or 0,0 000 2 7 7 Q Z 1x4 'L' Brace x 6. n n o D Pronb ≤ ino 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00 100 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00 ω 9, 10. 7.5 Gable promp (1) 2×4 °L. Brace \* (2) 2×4 °L. Brace \*\* (1) 2×6 °L. Brace \* Speed, 15' 6. 10. 8. 10. œ ó n w 0 0 Stud broup Refer 8, 9, II. 9 4 0, 00 ю́ — 8 Reinforcement to chart above Mean Height, broup 14, 0, Continuous Bearing, pronb 14, 0. 14. 0. 14' 0" 0 8 9 5 9 5 = 00 VAN H. TO for max gable SSIONAL ENGRAPHIS Crous 14. 0. Enclosed, 0,0 Detail 0 D Group 14 4 0 0 14 ver ticol tt Group A (2) 2x6 °L. Brace 4 4 iength 4 4 4 4 4 4 4 4 Exposure 000 MAX. MAX. Group 14: 0. 0 7 7 7 4 4 4 4 4 SPACING Ξ. 000000000000 tt Refer to the Building Designer for conditions not addressed by this detail 'L' bracing must be a minimum of 80% of member length. \* For (1) 'L' brace: space noils at 2' oc. in 18' end zones and 4' oc. between zones. \*\*XFor (2) 'L' braces: space noils at 3' oc. in 18' end zones and 6' oc. between zones. Attach 'L' braces with 10d (0.128'x3.0' min) nails Gable and supports load from 4' 0' authoriers with 2' 0' averhang, or 12' plywood overhang Provide uplift connections for 35 plf over continuous bearing (5 psf TC Dead Load) Industrial 45 Stress-Rated Boards, Group B values may be used with these grades. Wind Load deflection criterion is L/248. 1x4 Braces shall be SRB (Stress-Rated Board) Bracing Group Species and Grades: Gable Truss Detail Notes: louglas Fir-Larc Spruce-f + Refer to common truss design for 60 ouglas Fir-Larch Vertical Length Less than 4.0°, but XXX Greater than II' 6' 24.0" peak, splice, and heel plates Standard Gable Vertical Plate Sizes less than II' 6" 2 = Standard 11 DRWG A12015ENC101014 DATE Group Hem-Fir pronb 1.00 10/01/14 ASCE7-10-GABI2015 Southern Pinexxx Ü Þ #3 No Splice Standard Stud 2X4 3×4 Stondard web



# Common Residential 7-10: Gable 120 , ZOE Era Wind 30, Mean Bracing Height, Requirements Closed, Exposure Stiffeners

スとさ 100 mph, 30ft. Mean Hgt, ASCE 7-10, Enclosed, Exp C, or mph, 30ft. Mean Hgt, ASCE 7-10, Enclosed, Exp D, or mph, 30ft. Mean Hgt, ASCE 7-10, Part. Enclosed, Exp E = 1.00, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf. 0

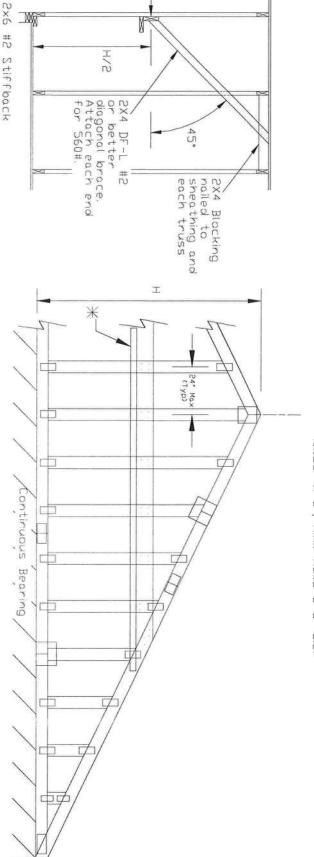
> I I

dop Bot: Lateral chord bracing requirements Continuous ceiling diaphragm Continuous roof shea thing

on this detail. See Engineer's sealed design referencing this detail for lumber, plates, and other information not shown this detail

Nails: 10d box or gun (0.128"×3", min) noils

- Less than 4.6" - no stud bracing required
- Greater than 4'6" to 7'6" in length provide a 2x6 stiffback at mid-height and brace stiffback to roof diaphragm every 6'0" (see detail below or refer to DRWG A12030ENC101014).
- I Greater than 7'6" to 12'0" max provide a 2x6 stiffback at mid-height and brace to roof diaphragm every 4'0'' (see detail below or refer to DRWG A12030ENC101014).
- \* Optional iptional 2x L-reinforcement attached to stiffback with 10d box or gun (0.128" x 3", min.) nails @ 6" o.c.





Trusses require extreme care in fearlicating, handling, shaping, intalling and bracing, Befor to and proceedings the latter delivery of RSI (Building Component Servy) Information, by IPI and SRAV, for safety under the street of the shaping of the service of the service of the shaping of the service of the \*\*\*IMPORTANT\*\* FURNISH THIS DRAVING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Stud w/ (4) 10d box or attached to each

gun (0.123" X

3", min.) nails

SSIONAL ENERGY IS CRIT TO CENS MAX. MAX. TOT. SPACING LD. 60 DATE DRWG GABRST101014 10/01/14

SE

WHALER

# Valley Detoil 1 ASCE 7-10: 160 30 Mega Height, Fuctosed, X C 0 XZt=1.00

Top Chord 2x4 SP #2N, SPF #1/#2, DF-L #2 or better Bot Chord 2x4 SP #2N or SPF #1/#2 or better. Webs 2x4 SP #3, SPF #1/#2, DF-L #2 or better.

\*\* Attach each valley to every supporting truss with (2) 16d box (0.135" x 3.5") nails toe-nailed for ASCE 7-10 160 mph. 30" Mean Height, Enclosed Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00 Or ASCE 7-10 140 mph. 30" Mean Height, Enclosed Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

Valleys short enough to be cut as solid triangular members from a single 2x6, or larger as required, shall be permitted in lieu of fabricating from separate 2x4 members.

All plates shown are ITW BCG Wave Plates.

Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7-9° apply 2x4 "T" reinforcement, 80% length of web, same species and grade or better, attached with 100 box (0.128" x 3.0") nails at 6° o.c. In lieu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal bracing as shown in DRWG BRCLBANC1014.

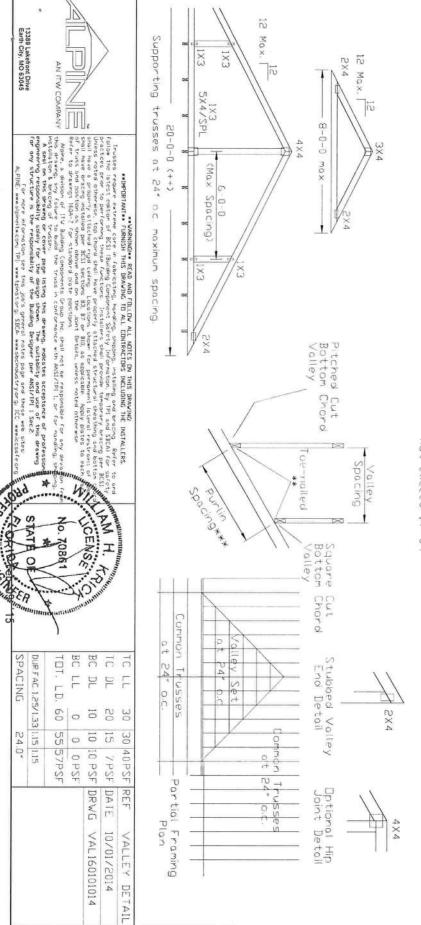
op chord of truss beneath valley set must be braced with: properly attached, rated sheathing applied prior to valley truss installation.

Or

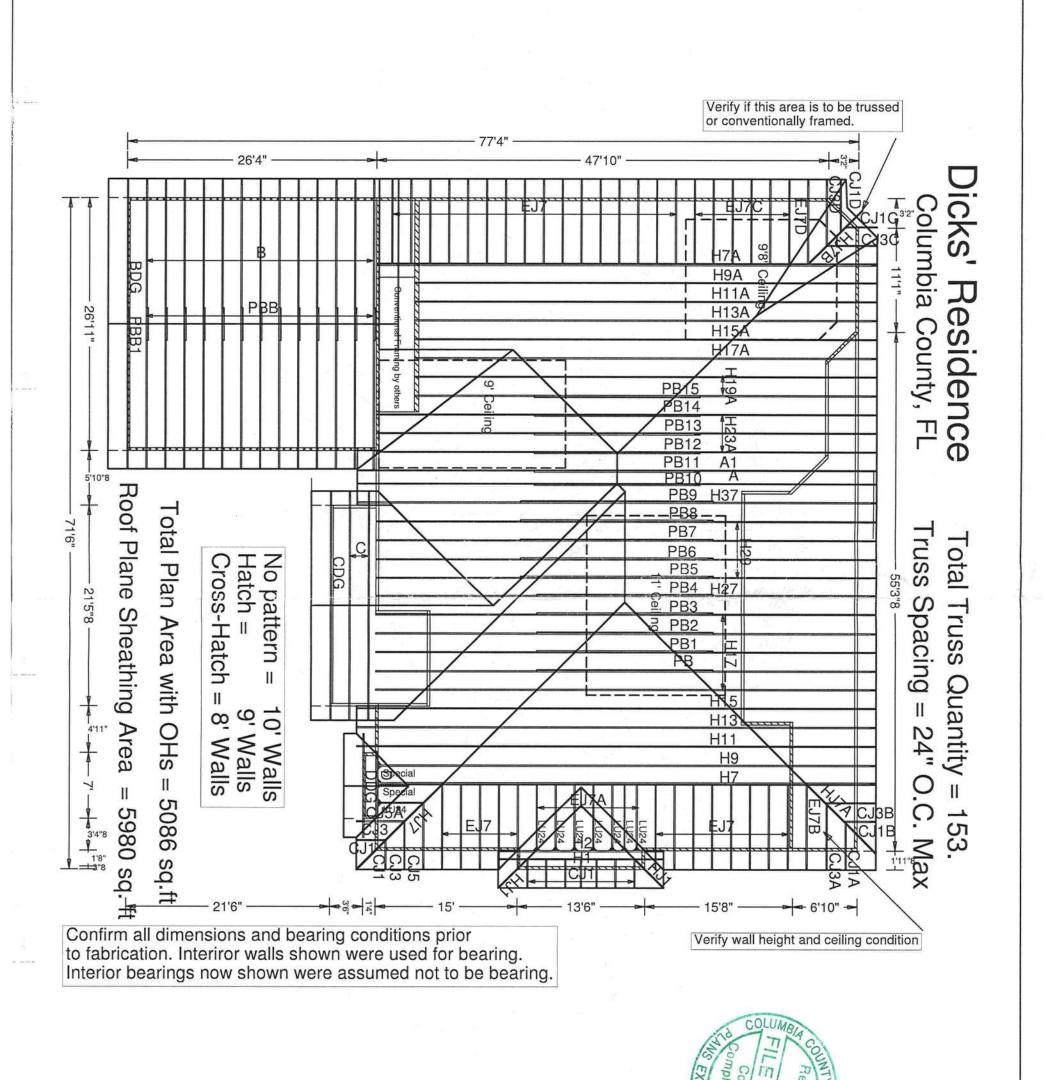
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design

Or By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

- \*\*\* Note that the purlin spacing for bracing the top chard of the truss beneath the valley is measured along the slope of the top chard.
- ++ Larger spans may be built as long as the vertical height does not exceed 14'-0".



SSIONAL ENG



JOB NO: 15-024 PAGE NO: 1 OF 1

Customer: BRYAN ZECHER

Job Name: Dicks Residence/ Cypress

Job Numb: 15-024 Designer: Josh Anderson Salesman: CVB Created: 02-06-2015 : <Not Found>



