DATE 02/04/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT 000026711

APPLICANT WADE WILLIS	PHONE 386.623.3331
ADDRESS POB 1546	LAKE CITY FL 32056
OWNER MARY KAY HOLLINGSWORTH	PHONE ** PHO
ADDRESS 385 SW FIELDSTONE COURT	LAKE CITY FL 32055
CONTRACTOR WADE WILLIS	PHONE 386.623.3331
LOCATION OF PROPERTY 90-W TO HEATHRIDGE,TL TO	FIELDSTONE,TR TO THE VERY END OF
CUL-DE-SAC.	
TYPE DEVELOPMENT SFD/UTILITY EST	TIMATED COST OF CONSTRUCTION 183250.00
HEATED FLOOR AREA TOTAL ARE	A 3665.00 HEIGHT 25.00 STORIES 1
FOUNDATION CONC WALLS FRAMED R	OOF PITCH 8'12 FLOOR CONC
LAND USE & ZONING RSF-2	MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00	REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE XPP	DEVELOPMENT PERMIT NO.
PARCEL ID 33-3S-16-02438-155 SUBDIVISIO	N EMERALD COVE
LOT 55 BLOCK PHASE 2 UNIT	TOTAL ACRES 0.50
000001546 CBC1252491	h/lich
Culvert Permit No. Culvert Waiver Contractor's License Nun	nber Applicant/Owner/Contractor
18"X32'MITERED 08-0075 BLK	JTH N
Driveway Connection Septic Tank Number LU & Zonin	ng checked by Approved for Issuance New Resident
COMMENTS: 1 FOOT ABOVE ROAD.	
	Check # or Cash 1946
FOR BUILDING & ZONIN	IC DEPARTMENT ONLY
FOR BUILDING & ZONIN Temporary Power Foundation	Check ii of Cash
	IG DEPARTMENT ONLY (footer/Slab)
Temporary Power Foundation	IG DEPARTMENT ONLY Monolithic date/app. by Sheathing/Nailing
Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by	IG DEPARTMENT ONLY Monolithic date/app. by date/app. by
Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing at	Monolithic date/app. by Sheathing/Nailing date/app. by date/app. by ovve slab and below wood floor
Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing at date/app. by	Monolithic date/app. by Sheathing/Nailing date/app. by date/app. by ovve slab and below wood floor date/app. by
Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing at	IG DEPARTMENT ONLY Monolithic date/app. by date/app. by Sheathing/Nailing date/app. by date/app. by ove slab and below wood floor Peri. beam (Lintel)
Temporary Power Foundation Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing at date/app. by Electrical rough-in Heat & Air Duct	Monolithic date/app. by Sheathing/Nailing date/app. by date/app. by ovve slab and below wood floor date/app. by
Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing at date/app. by Electrical rough-in Heat & Air Duct date/app. by Permanent power C.O. Final	Monolithic date/app. by Sheathing/Nailing date/app. by Sove slab and below wood floor date/app. by Peri. beam (Lintel) date/app. by
Temporary Power Foundation date/app. by Under slab rough-in plumbing Slab date/app. by Framing Rough-in plumbing at date/app. by Electrical rough-in date/app. by Permanent power C.O. Final date/app. by M/H tie downs, blocking, electricity and plumbing	Age of the cash of Cas
Temporary Power Foundation	Monolithic date/app. by Sheathing/Nailing date/app. by Sheathing/Nailing date/app. by Dove slab and below wood floor Peri. beam (Lintel) date/app. by Culvert date/app. by Culvert date/app. by Double date/app. by Utility Pole Monolithic (footer/Slab) (date/app. by date/app. by
Temporary Power Foundation	Monolithic date/app. by Sheathing/Nailing date/app. by Sheathing/Nailing date/app. by ove slab and below wood floor Peri. beam (Lintel) date/app. by Culvert date/app. by Culvert date/app. by Utility Pole Japp. by Jate/app. by
Temporary Power Foundation	Monolithic date/app. by Sheathing/Nailing date/app. by Sheathing/Nailing date/app. by Dove slab and below wood floor Peri. beam (Lintel) date/app. by Culvert date/app. by Culvert date/app. by Utility Pole /app. by Re-roof
Temporary Power Foundation	Agp. by Color Color
Temporary Power Foundation	IG DEPARTMENT ONLY Monolithic date/app. by date/app. by
Temporary Power	Monolithic date/app. by date/app. by
Temporary Power	Monolithic date/app. by date/app. by

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

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

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 TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

NOTICE OF COMMENCEMENT

STATE OF FLORIDA **COUNTY OF Columbia**

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

Description of property: Lot 55, of EMERALD COVE PHASE 2, according to the Plat thereof, as recorded in Plat Book 8, at Page 68 and 69, of the Public Records of Columbia County, Florida.

- 2. Description of Improvements: Construction of Single Family Residence
- 3. Owner Information:

Surety: N/A

Lender:

a. Name and Address: Mary Kathryn Hollingsworth 310 SW Green Acres Way Lake City, FLORIDA 32024

Inst:200812002506 Date:2/8/2008 Time:10:11 AM ______DC,P.DeWitt Cason,Columbia County Page 1 of 1

COUNTY

- b. Interest in Property: Fee Simple
- c. Name and Address of Fee Simple Title Holder (if other than Owner)
- Contractor Name and Address: Wade Willis Construction LLC PO Box 1546 Lake City, FL 32056

as provided by Section 713.13(1)(a) 7., Florida Statutes: N/A

Other Contractor(s) Name and Address:

Columbia Bank

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. DeWITT CASON, CLERK OF COURTS

4785 W. US Highway 90 Lake City, FLORIDA 32055 Persons within the Sate of Florida designated by Owner upon whom notices or other documents may be served



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

Sworn to and subscribed before me this 7th day of February, 2008

Notary Public, State of FLORIDA

At Large

My Commission Expires:



Columbia County Building Permit Application

For Office Use Only Application # 0801-77 Date Received 1/15/08 By Permit # 267/1 /1546
Application Approved by - Zoning Official Date 25.01.08 Plans Evaminar Off 77.4
Land Use Plan Map Category Res Land Use Plan Map Category Res Land Use
need and pake APP.
□ NOC DEH Deed or PA Site Plan □ State Road Info □ Parent Parcel # □ Development Permit
11 (/)-// Fax 386 - 961 - 9963
Address
Owners Name Mary Kay Hollmasworth Phone
911 Address 385 SW Fieldstone (+ LC FL 320
Contractors Name Wade Williz Phone 386 - 961 - 9962
Address PO Box 1546 LC FL 32056
Fee Simple Owner Name & Address
Bonding Co. Name & Address
Architect/Engineer Name & Address Tim Delbene / Mark Disos way
Mortgage Lenders Name & Address Columbia County Bank
Circle the correct power company - FL Power & Light - Clay Elec Suwannee Valley Elec Progressive Energy
Property ID Number 33-35-16-02438-155 Estimated Cost of Construction 283,000
Subdivision Name Emerald (ove Lot 55 Block Unit Phase 2
Driving Directions High a 90 heart TI a 11 11 11 17 TO TO TO
Driving Directions Highway 90 West , TL on Heathridge, TR on Field stone, to each
Type of Construction 4 Page of 1 45
Type of Construction Pres construction personal res Number of Existing Dwellings on Property O
Total Acreage 1/2 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual distance of structure from Property Lines - Front 3631 Side 39 Side 27,5 Rear 3 27,7
Total Building Height 25 Number of Stories Heated Floor Area 2632 Roof Pitch 8/12
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
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.
o and other transfer in the jurisdiction.
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.
WARNING TO OWNER: YOUR FAILURE TO DECORD A NOTICE OF COMMENCED TO SECOND ASSISTANCE OF COMMENCE OF
LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.
Owner Builder or Authorized Person by Notarized Letter Contractor Signature
STATE OF FLORIDA JANICE ELAINE GONZALEZ MY COMMISSION # DD 539192 Comparison of Comp
COUNTY OF COLUMBIA EXPIRES: April 11, 2010 Bonded Thru Notary Public Underwriters NOTARY STAMP/SEAL
Sworn to (or affirmed) and subscribed before me
this 15th day of anuary 2008. Januara laine Song Con
Personally known or Produced Identification Notary Signature (Revised Sept. 2006)
15 Il macrain 1/2 class

<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.

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:

<u>YOU ARE HEREBY NOTIFIED</u> 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.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Owners Signature MARY KATHRYN Hollingsworth

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.

Contractor's Signature (Permitee) Words Willis County Competency Card Number

Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 29 day of Tanuary 200 Separation or Produced Identification

SEAL:

State of Florida Notary Signature (For the Contractor)

DONNA L. PIEPER
MY COMMISSION # DD 565929
EXPIRES: October 20, 2010
Bonded Thru Notary Public Underwriters

Columbia County Building Department Culvert Permit

Culvert Permit No.

000001546

DATE $02/0$	14/2008	PARCEL ID # 33-38	5-16-02438-155		
APPLICANT	WADE WILLIS		PHONE	386.623.3331	
ADDRESS _	POB 1546		LAKE CITY	FL	32056
OWNER M	ARY KAY HOLLINGSWOR	тн	PHONE	17	
ADDRESS 3	85 SW FIELDSTONE CO	OURT	LAKE CITY	FL	32055
CONTRACTO	R WADE WILLIS		PHONE	386.623.3331	
WNER MARY KAY HOLLINGSWORTH PHONE DDRESS 385 SW FIELDSTONE COURT LAKE CITY FL 32 ONTRACTOR WADE WILLIS PHONE 386.623.3331 OCATION OF PROPERTY 90-W TO HEATHRIDGE, TL TO FIELDSTONE, TR TO THE VERY END OF CU	OF CUL-DE-SAC				
					k
SUBDIVISION	//LOT/BLOCK/PHASE	UNIT EMERALD COV	/E	55	
CLONIATURE	1/1/1/	//////			
SIGNATURE	1000	- oun			
	INSTALLATION R	EQUIREMENTS			
X	driving surface. Both e	ends will be mitered 4 for	n a total lenght of 3 pot with a 4 : 1 slo	32 feet, leaving 2 pe and poured w	4 feet of ith a 4 inch
	a) a majority of the objective depth in a m	current and existing drive served will be paved of concrete or paved a mid driveway, whichever is	veway turnouts are or formed with cor nimum of 12 feet greater. The widt	ncrete. wide or the width	
7	Culvert installation sh	all conform to the app	roved site plan sta	ndards.	
	Department of Transp	ortation Permit installa	ation approved sta	ndards.	
	Other				

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21 Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



08-0075

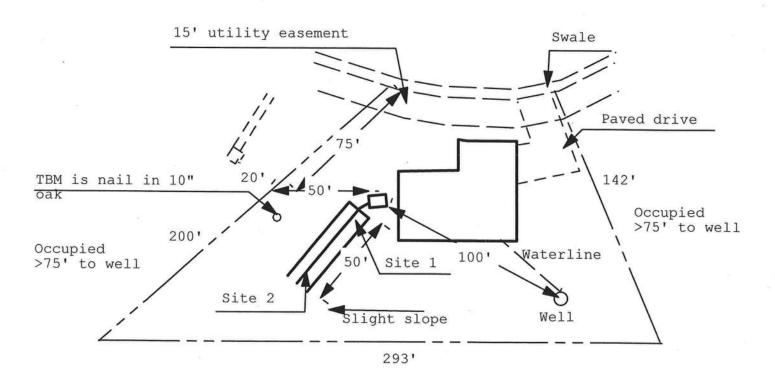
Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan Permit Application Number:

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

HOLLINGSWORTH/CR 07-4243



Emerald Cove, Lot 55



Vacant

				-00	1	l inch = 50 feet
Site Plan	Plan Submitted	By_ Not	Approved	Day!	Date /	11108
ву	mo2				Columbia	СРНИ
Note	s:		**			

59 60 61 325 SW Timberland Ct 347 SW Timberland Ct 305 SW Timberland Ct 310 SW Fieldstone Ct 364 SW Fieldstone Ct 376 SW Fieldstone Ct 385 SW Fieldstone Ct 359 SW Fieldstone Ct 331 SW Fieldstone Ct 301 SW Fieldstone Ct 285 SW Timberland Ct 267 SW Timberland Ct 251 SW Timberland Ct 220 SW Fieldstone Ct 238 SW Fieldstone Ct 264 SW Fieldstone Ct 290 SW Fieldstone Ct 328 SW Fieldstone Ct 344 SW Fieldstone Ct 377 SW Fieldstone Ct 265 SW Fieldstone Ct 239 SW Fieldstone Ct 221 SW Fieldstone Ct 254 SW Woodleaf Ct 282 SW Woodleaf Ct 306 SW Woodleaf Ct 336 SW Woodleaf Ct 360 SW Woodleaf Ct 368 SW Woodleaf Ct 369 SW Woodleaf Ct 361 SW Woodleaf Ct 345 SW Woodleaf Ct 323 SW Woodleaf Ct 222 SW Woodleaf Ct 303 SW Woodleaf Ct 285 SW Woodleaf Ct 263 SW Woodleaf Ct

ILUMBIA COUNTY 9-1-1 ADDRESSING

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

Emerald Cove Phase 2 Address Assignments:

LOT#:

ADDRESS:

243 SW Woodleaf Ct

386	LOT#: 81 82 83 84
019242 019262 019280 0189 302 187 322 336 346 346 346 346 346 346 346	ADDRESS: 367 SW Timberland Ct 387 SW Timberland Ct 395 SW Timberland Ct 394 SW Timberland Ct
251 267 267 267 267 267 267 267 267 267 267	
220 0175 238 0176 0163 0177 0162 0177 0162 0178 310 0158 364 0158 376	LOT#: A3885 3686 3687 3488 32
221 221 2377 359 359 1015	ADDRESS: 386 SW Timberland Ct 366 SW Timberland Ct 346 SW Timberland Ct 322 SW Timberland Ct
254 253 254 254 254 254 254	89 90 91 92
243 L0124 263 L0125 285 L0126 285 L0127 303 L0127 303 L0129 345 L0129 369 369	302 SW Timberland Ct 280 SW Timberland Ct 262 SW Timberland Ct 242 SW Timberland Ct
	급 급 급 요

THIS INSTRUMENT PREPARED BY:

Robert Wayne Hollingsworth 310 SW Greenaure Way Lake City, Fl. 32024

OUIT CLAIM DEED

by Ropert Walle Hallingsworth, whose address is 310 SW Green Acce Way, Lake City, Florida 32024, a married person, first party, to his wife Mary Kathryn Hallingsworth a married person, whose address is 310 SW Green Acce Way, second party:

WITNESSETH, that first party, for and in consideration of the sum of \$10.00, Love and Affection, and other consideration in hand paid by second parties, the receipt whereof is hereby acknowledged, does hereby remise, release and quit-claim unto second party forever, all the right, title, interest, claim and demand which first party has in and to the following parcel of land, lying and being in COUNTY, Florida, to-wit:

Lot 55, Emerald Cove, Phase 2, a subdivision, according to the plat thereof recorded in Plat Book 8, Pages 68-69, public records, Columbia County, Florida.

Tax Parcel No. 02 438-000

TO HAVE AND TO HOLD the same together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all the estate, right, title, interest, lien, equity and claim whatsoever of first party, either in law or equity, to the only proper use, benefit and behoof of second party forever.

N.B. Neither the first party nor any member of his family live or reside on the property described herein or any land adjacent thereto or claim any part thereof or any land adjacent thereto as their homestead.

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

Tynn Hackett Print Name: Lynn Hackett

Print Name: Joey P. Collins

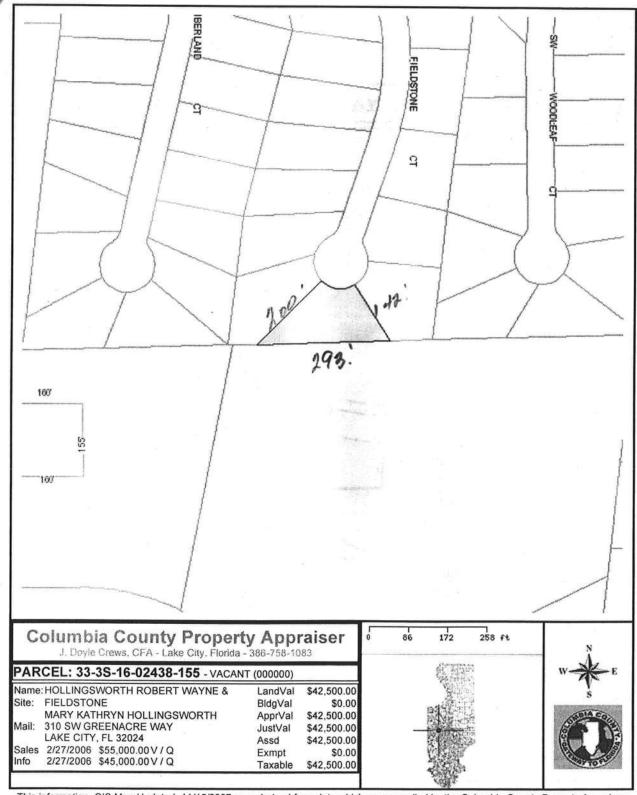
STATE OF FLORIDA COUNTY OF <u>Sumbia</u>

The foregoing instrument was acknowledged before me this 8 day of anuary, 2008

Nobert Hallings worth. He produced Personally Known as identification.

Notine Bublic State of Florida
in F Anderson
My Commission DD459049
Expires 09/18/2009

My Commission Expires: 09/18/2009



This information, GIS Map Updated: 11/15/2007, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

mansions from maproos

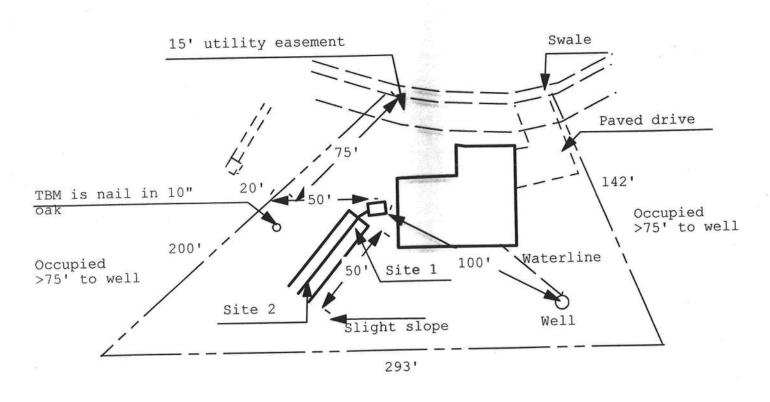
plication for Onsite Sewage Disposal System onstruction Permit. Part II Site Plan Permit Application Number:

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

HOLLINGSWORTH/CR 07-4243



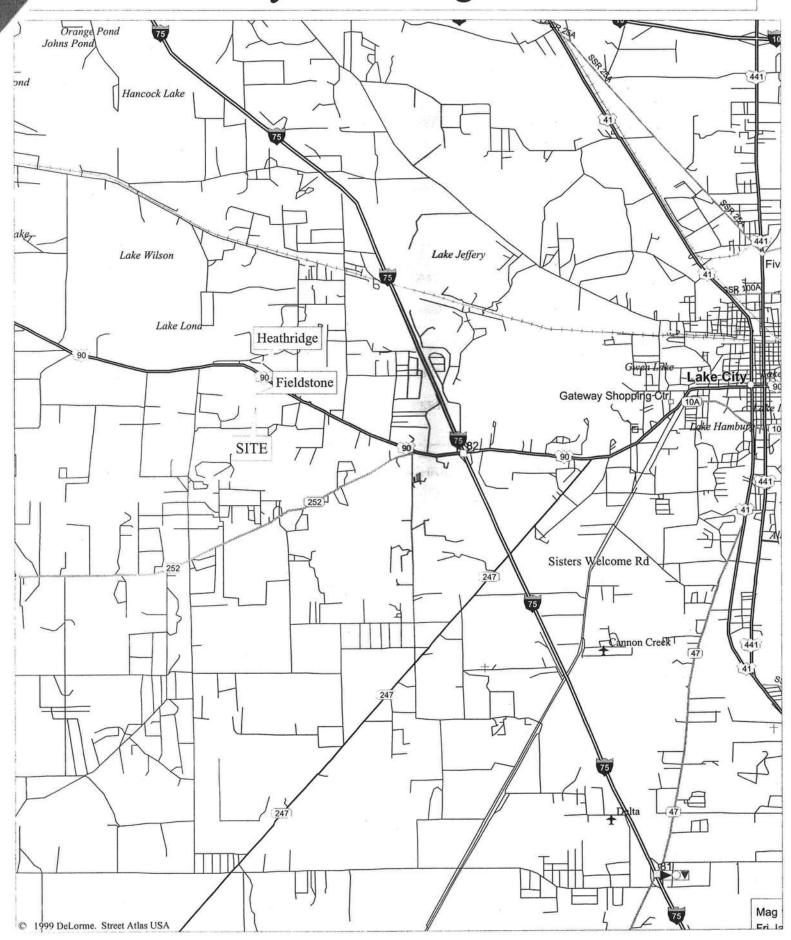
Emerald Cove, Lot 55



Vacant

	1 inch = 50 feet
Site Plan Submitted By Out Plan Approved Not Approved Date	Date ////08
Ву	СРНО
Notes:	

Mary K. Hollingsworth



Project Name:

Address:

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Builder:

Permitting Office:

Wade Willis

Columbia Co

Hollingsworth Residence

Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69

Ow		/, FL 32055- /e Hollingsworth		Permit Number: Jurisdiction Number: 12	1000
1.	New construction or existing Single family or multi-family	New Single family		12. Cooling systems a. Central Unit	Cap: 35.0 kBtu/hr
3.	Number of units, if multi-family		-	a. Celitai Olit	SEER: 14.00
4.	Number of Bedrooms			b. N/A	SEEK. 14.00
5.	Is this a worst case?	No	. –	U. IVA	
6.	Conditioned floor area (ft²)	2632 ft	_	c. N/A	_
7.	Glass area & type	Single Pane Double Pane		. 1071	-
	Clear glass, default U-factor	0.0 ft ² 286.0 ft ²	_	13. Heating systems	_
	Default tint	0.0 ft ² 0.0 ft ²		a. Electric Heat Pump	Cap: 35.0 kBtu/hr
c.	Labeled U or SHGC	0.0 ft ² 0.0 ft ²	_		HSPF: 7.90
8.	Floor types	0.0 10		b. N/A	
a.	Slab-On-Grade Edge Insulation	R=0.0, 286.0(p) f	i _	NA COLOMB	-
b.	N/A			c. N/A	_
c.	N/A			00000000	_
9.	Wall types			14. Hot water systems	
a.	Frame, Wood, Exterior	R=13.0, 2532.0 ft	_	a. Electric Resistance	Cap: 30.0 gallons
b.	N/A		_		EF: 0.90
	N/A		-	b. N/A	_
	N/A		-	*	-
	N/A			c. Conservation credits	-
	Ceiling types		_	(HR-Heat recovery, Solar	
	Under Attic	R=30.0, 2632.0 ft	_	DHP-Dedicated heat pump)	
	N/A		_	15. HVAC credits	PT, CF, _
	N/A			(CF-Ceiling fan, CV-Cross ventilation,	
	Ducts	0 0 0 10 0	_	HF-Whole house fan,	
	Sup: Unc. Ret: Unc. AH: Gara	ge Sup. R=6.0, 15.0 ft	_	PT-Programmable Thermostat,	
О.	N/A			MZ-C-Multizone cooling, MZ-H-Multizone heating)	
				MZ-II-Multizone heating)	
	Glass/Floor Ar	ea: () 11		oints: 32116 oints: 39825 PASS	

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

PREPARED BY: _____ Tim Delbene

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

OWNER/AGENT: ______

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.



	TO THE PARTY OF TH
BUILDING OFFICIAL:	
DATE:	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

	BASE					AS-	BU	ILT				
GLASS TYPES .18 X Condition Floor Are		PM = F	Points	Type/SC (Ove Ornt	erhang Len	Hgt	Area X	SPN	ΛXS	SOF	= Points
.18 2632.0) ;	20.04	9494.2	Double, Clear	N	2.0	7.0	30.0	19.2		0.92	531.2
K.1				Double, Clear	N	8.0	8.0	72.0	19.2		0.71	982.7
				Double, Clear	S	2.0	7.0	60.0	35.8		0.82	1765.0
				Double, Clear Double, Clear	S	10.0	8.0 5.0	54.0 6.0	35.8 35.8		0.49 0.72	948.1 155.7
ĺ				Double, Clear	S		10.0	24.0	35.8		0.72	448.1
				Double, Clear	E		10.0	40.0	42.0		0.95	1596.0
				As-Built Total:				286.0			7.17.7	6426.8
				As-Built Total.				200.0				0420.0
WALL TYPES	Area X	BSPM	= Points	Туре		R-	Value	e Area	Х	SPM	=	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior		19	13.0	2532.0		1.50		3798.0
Exterior	2532.0	1.70	4304.4									
Base Total:	2532.0		4304.4	As-Built Total:				2532.0				3798.0
DOOR TYPES	Area X	BSPM	= Points	Туре				Area	Х	SPM	=	Points
Adjacent	21.0	2.40	50.4	Exterior Insulated				21.0		4.10		86.1
Exterior	21.0	6.10	128.1	Adjacent Insulated				21.0		1.60		33.6
Base Total:	42.0		178.5	As-Built Total:				42.0				119.7
CEILING TYPES	Area X	BSPM	= Points	Туре		R-Valu	ie /	Area X S	SPM	x sc	M =	Points
Under Attic	2632.0	1.73	4553.4	Under Attic		;	30.0	2632.0	.73 X	1.00		4553.4
Base Total:	2632.0		4553.4	As-Built Total:				2632.0				4553.4
FLOOR TYPES	Area X	BSPM	= Points	Туре		R-	Value	e Area	Х	SPM	=	Points
Slab 2	86.0(p)	-37.0	-10582.0	Slab-On-Grade Edge Insulation	n		0.0	286.0(p	-4	11.20		-11783.2
Raised	0.0	0.00	0.0									
Base Total:			-10582.0	As-Built Total:				286.0				-11783.2
INFILTRATION	Area X	BSPM	= Points					Area	Х	SPM	=	Points
	2632.0	10.21	26872.7					2632.0)	10.21		26872.7

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

	BASE		AS-BUILT									
Summer Base Points: 34821.1			Summer As-Built Points:	29987.4								
Total Summer Points	X System Multiplier	= Cooling Points	Total X Cap X Duct X System X Credit Component Ratio Multiplier Multiplier Multiplier (DM x DSM x AHU)	= Cooling Points								
34821.1	0.4266	14854.7	29987.4 1.000 (1.090 x 1.147 x 1.00) 0.244 0.902 29987.4 1.00 1.250 0.244 0.902	8248.7 8248.7								

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

BASE			Α	S-BU	LT				
GLASS TYPES .18 X Conditioned X BWP Floor Area	PM = Points	1222 12220211 226	Overha	_	Area X	WPN	1 X	WOF	= Points
.18 2632.0 12.	.74 6035.7	Double, Clear	N 2.	0 7.0	30.0	24.58		1.00	739.8
		Double, Clear	N 8.	0.8	72.0	24.58	ii.	1.02	1801.9
		Double, Clear	S 2.		60.0	13.30		1.17	934.2
l		Double, Clear	S 10.		54.0	13.30		3.09	2216.3
		Double, Clear	S 2.		6.0	13.30		1.40	111.7
		Double, Clear	S 10.		24.0	13.30		2.73	871.7
		Double, Clear	E 2.	0 10.0	40.0	18.79		1.02	769.0
		As-Built Total:			286.0				7444.7
WALL TYPES Area X B	WPM = Points	Туре		R-Value	e Area	ΧV	VPM	=	Points
Adjacent 0.0	0.00 0.0	Frame, Wood, Exterior		13.0	2532.0	0	3.40		8608.8
Exterior 2532.0	3.70 9368.4								
Base Total: 2532.0	9368.4	As-Built Total:			2532.0				8608.8
DOOR TYPES Area X B	WPM = Points	Туре			Area	x v	VPM	=	Points
Adjacent 21.0 1	1.50 241.5	Exterior Insulated			21.0	1	3.40		176.4
Exterior 21.0 1	2.30 258.3	Adjacent Insulated			21.0		3.00		168.0
Base Total: 42.0	499.8	As-Built Total:			42.0				344.4
CEILING TYPES Area X B	WPM = Points	Туре	R-Va	lue Ai	ea X W	PM X	wc	M =	Points
Under Attic 2632.0	2.05 5395.6	Under Attic		30.0	2632.0	2.05 X	1.00		5395.6
Base Total: 2632.0	5395.6	As-Built Total:			2632.0				5395.6
FLOOR TYPES Area X BV	WPM = Points	Туре		R-Value	Area	x v	VPM	=	Points
Slab 286.0(p)	8.9 2545.4	Slab-On-Grade Edge Insulation	2	0.0	286.0(p	18	3.80		5376.8
	0.00 0.0				A Constitution of the Cons		m = 0001750		oversetti stracti
Base Total:	2545.4	As-Built Total:			286.0				5376.8
INFILTRATION Area X BV	NPM = Points				Area	X V	VPM	=	Points
2632.0	-0.59 -1552.9				2632.0) .	0.59		-1552.9

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

BASE					AS-BUILT										
Winter Base Points: 22292.0			Winter As-Built Points:									25617.4			
Total Winter Points	Х	System Multiplie	= er	Heating Points	Total Component	X	Cap Ratio	X (DI	Duct Multiplier M x DSM x A		Multiplier	Χ	Credit Multiplier		Heating Points
22292.0		0.6274	ı	13986.0	25617.4 25617.4		1.000 1.00	(1.	069 x 1.169 1.250	x 1	.00) 0.432 0.432		0.950 0.950		13127.4 13127.4

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69, Lake City, FL, 32055- PERMIT #:

BASE			AS-BUILT											
WATER HEA Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	х	Tank X Ratio	Multiplier		edit tiplie		Total
4		2746.00		10984.0	30.0	0.90	4		1.00	2684.98	1	00	- 5	10739.9
					As-Built To	otal:								10739.9

	CODE COMPLIANCE STATUS												
	BASE								AS	-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
14855		13986		10984		39825	8249		13127		10740		32116

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69, Lake City, FL, 32055- PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	~
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	NA
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	/
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	V
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	/
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	~

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WIELLS



DONALD AND MARY HALL OWNERS

PHONE (904) 752-1554 FAX (904) 765-7022 LAKE CITY, FLORIDA 32055 904 NW Main Blvd.

June 12, 2002 .

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank, you,

DDH/jk

PRODUCT APPROVAL SPECIFICATION SHEET

	200		12 12	- W-		
Location:		244	41	4 6500	·	** ,
LVICERICH		tion of second 1 to	3 - 10	E A STATE OF THE S	Project Name:	W - W - T - T
	1/24	The same	Company (April 1979)	0.025239	FIVICUL Name.	9 4 1 14 4
3	~					

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(:s)
A. EXTERIOR DOORS			
1. Swinging	THERAMTHA	68" STEEL/WOOD upto 6 FT OF	BO. 8080-10 08
2. Sliding	·	INCLUDES SIDELITES	
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS	CAPITAL 4 BET	740, 165, 3240, 4250, Seeies	AAMA CERT BE
Single hung	MI Products	740.165, 3240, 4250 Seeies	101/13.297
Horizontal Slider		1.)	CTLA-744W-B
Casement			7
Double Hung			
5. Fixed		740 165 3240 4250 Socies	01-35673.05
6. Awning			
7. Pass -through			
8. Projected		S	
9. Mullion	DAT Ponducts	740, 165, 3240, 4250 Septes	1-30172 07
10. Wind Breaker	1.75	110, 100, 02 10 1230 States	01-33613,05
11 Dual Action			
12. Other			
C. PANEL WALL			CONTRACTOR OF THE PROPERTY OF THE
1. Siding (Steer Wall)	MARBARR	8'-9'x10' OSB WALL Sheeting	1/201
2. Soffits	NURWARD	111111 OSB WALL Sheeting	NER 108
3. EIFS		WINDSTROM	
4. Storefronts			
5. Curtain walls	 		
6. Wall louver			
7. Glass block	-		
8. Membrane	0000.00	8 1 4 4 6	
9. Greenhouse	BARRICADE	BUILDING WRAP FED SPEC.	44 B790A
10. Other	-		
The state of the s			
1. Asphalt Shipples			
Asphalt Shingles Underlayments			
2. Underlayments	MOODLAND	15#, 30# FELT	ASTMO-4869
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			_
Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

ategory (cont.) Manufacturer	Product Descr	iption	ı	Abbrossi isminer(s)
pplied Roof Sys			2		
ants-Adhesives -			M		
√atings	*				
.coof Tile Adhesive					
, Spray Applied					and the state of t
Polyurethane Roof					# W
17. Other				- 1	
E. SHUTTERS	1000 to 1000 t		The state of the s		
1. Accordion					
2. Bahama					
3. Storm Panels		12.00			
4. Colonial			Madries - Transport - Transpor		
5. Roll-up					
6. Equipment					
7. Others			*	-	
F. SKYLIGHTS		The same of the sa			
1. Skylight					
2. Other	 	 			
G. STRUCTURAL		To and the second of the second	market model have been more to trans-		Market State of the State of th
COMPONENTS		-			
	C. M.Danii STD.	200 1116			<u></u>
Wood connector/anchor Truck plates	DIMPSON DINON	151LE H-16	SP4, H2.SM, H.	D LSTA	FL 2822
Z. Truss plates			" to 24'64		I
3. Engineered lumber	ANTHONY	3/2 - 3/2	+0 24'GU	1-LAM	ASTM 7182,80
4. Railing		-	Kgi		
5. Coolers-freezers					
6. Concrete Admixtures					
7. Material					
8. Insulation Forms					
9. Plastics				3 ×	
10. Deck-Roof	NORBOARD	7/16-1/2"	OSB		NER 108
11. Wall					
12. Sheds					
13. Other					
H. NEW EXTERIOR					
ENVELOPE PRODUCTS			10		
1.					
2.				-	
The products listed below did ime of inspection of these p obsite; 1) copy of the product and certified to comply with, understand these products	oroducts, the folloct approval, 2) th 3) copy of the a	owing information ne performance pplicable manuf	on must be availa characteristics wh acturers installati	ble to the in nich the pro on requiren	nspector on the oduct was tested ments.
more designation of the same o	Secure process process and the contract of the				
	8. 		No.		1290
Contractor or Contractor's Authorized	Agent Signature	3	Print Name	the state of the s	Date
ocation			Permit # (FOR STA	AFF USE OF	NLY)

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE **EFFECTIVE OCTOBER 1, 2005**

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL	REQUIREM	ENTS: Two (2) complete sets of plans containing the following:
Applicant	Plans Examine	er
₽Y	0	All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. Designers name and signature on document (FBC 106.1). If licensed
D.		Site Plan including: a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements
		 d) Provide a full legal description of property. Wind-load Engineering Summary, calculations and any details required Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design
	0 0 0	professional. Elevations including: a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation

4 4 4	0 0 0	 d) Location, size and height above roof of chimneys. e) Location and size of skylights f) Building height e) Number of stories
1	0	Floor Plan including:
4	0	a) Rooms labeled and dimensioned.
0	Ö	b) Shear walls identified.
Ø'		c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
0' 0'		a) Show safety glazing of glass, where remired by code
8	ō	e) Identify egress windows in bedrooms, and size.
B	0	f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
	-	g) Stairs with dimensions (width, tread and riser) and details of guardrails and
		h) Must show and identify accessibility requirements (accessible bathroom)
6	-	
П.		a) Location of all load-bearing wall with required for the continue of the con
n.		
		b) All posts and/or column footing including size and reinforcing
-ET	0	c) Any special support required by soil analysis such as piling d) Location of any vertical steel.
		Roof System:
₽ ·		a) Truss package including:
		1. Truss layout and truss details signed and scaled by Fil Park
		2. Moofing cyctem metanish
		manuacture, tastening requirements and product evaluation with
	D	"The resistance rains
		b) Conventional Framing Layout including: 1. Rafter size, species and spacing
		2. Attachment to wall and uplift
		3. Ridge beam sized and valley framing and support details
		7. Roof assembly (FBC 106.1.1.2)Roofing systems, materials
		manuacturer, lastening requirements and product evolvation with
		wind resistance rating) Wall Sections including:
B	0	a) Masonry wall
		All materials making up wall
		2. Block size and mortar type with size and spacing of minformation
		- Line Codin Sizes and removement
		4. Gable ends with rake beams showing reinforcement or calls the same
		this will oldering delails
		5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be
		designed by a Windload engineer using the engineered roof truss
		pans.
		6. Roof assembly shown here or on roof system detail (FBC
		100.1.1.2) Rooning system, materials manufactures factoring
		requirements and product evaluation with resistance rating) 7. Fire resistant construction (if required)
		8. Fireproofing requirements
		9. Shoe type of termite treatment (termiticide or alternative method)
		. Side on grade
		a. Vapor retarder (6mil. Polyethylene with joints lapped 6
		menes and sealed)
		b. Must show control joints, synthetic fiber reinforcement or Welded fire febrie spinforcement
		Welded fire fabric reinforcement and supports 11. Indicate where pressure treated wood will be placed
		12. Provide insulation R value for the following:

,			
TR/	0		L) W 1 C
u	u	= 8	b) Wood frame wall
			All materials making up wall Size and species of stude
			- Proces of stade
			 Sheathing size, type and nailing schedule Headers sized
			Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
			6. All required fasteners for continuous tie from roof to foundation
			(truss anchors, straps, anchor bolts and washers) shall be designed
			by a Windload engineer using the engineered roof truss plans.
	¥:		7. Roof assembly shown here or on roof system detail (FBC
٠			100.1.1.2) Rooning system, materials, manufacturer factoring
			requirements and product evaluation with wind resistance main a
			o. The resistant construction (if applicable)
			9. Fireproofing requirements
			10. Show type of termite treatment (termiticide or alternative method)
			11. State off grade
			a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
			b. Must show control joints, synthetic fiber reinforcement or
70			welded wife labile reinforcement and supports
			12. Indicate where pressure treated wood will be placed
			13. Provide insulation R value for the following:
,		*	a. Attic space
			b. Exterior wall cavity
6	0		c. Crawl space (if applicable)
J	U		 c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)
,			Floor Framing System:
6			a) Floor truss package including layout and detail
			 a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
□/		*1	b) Floor joist size and spacing
			c) Girder size and spacing
8			d) Attachment of joist to girder
rí,			e) Wind load requirements where applicable
	0		Plumbing Fixture layout
2224			Electrical layout including:
(P)			a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
Ø,			b) Ceiling fans
G/			c) Smoke detectors
GAGAG			d) Service panel and sub-panel size and location(s)
8			e) Meter location with type of service entrance (overhead or underground)
8/			1) Appuaices and HVAC equipment
<u> </u>			g) Arc Fault Circuits (AFCI) in bedrooms
Tab.			h) Exhaust fans in bathroom
			HVAC information
5	0		a) Energy Calculations (dimensions shall match plans)
			b) Manual J sizing equipment or equivalent computation
			c) Gas System Type (LP or Natural) Location and BTU demand of equipment
	0	27	Discusure Statement for Owner Ruilders
	0		*** Notice Of Commencement Required Before Any Inspections Will Re Done
8,	o,		Private Potable Water

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1TBW8228Z0125165031

Truss Fabricator: Anderson Truss Company

Job Identification: 7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , **

Truss Count: 52

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.36, 7.33.

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

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

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 - Closed

Notes:

Ref

 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.

Drawing#

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

Date

Details: BRCLBSUB-CNBRGBLK-140PB-

Description

1	21040 1174	07200046	10/05/07
1	31940 H7A	07298046	10/25/07
2	31941 A3	07298050	
3	31942A10	07298051	10/25/07
4	31943H9A	07298013	10/25/07
5	31944A1	07298014	10/25/07
6	31945 A2	07298015	10/25/07
7	31946A12	07298016	10/25/07
8	31947 A11	07298017	10/25/07
9	31948A9	07298041	10/25/07
10	31949 A8	07298042	10/25/07
11	31950A4	07298032	10/25/07
12	31951A5	07298033	10/25/07
13	31952A7	07298034	10/25/07
14	31953 A6	07298035	10/25/07
15	31954H7B	07298044	10/25/07
16	31955 B2	07298052	10/25/07
17	31956 H8B	07298018	10/25/07
18	31957 B1	07298036	10/25/07
19	31958B3	07298037	10/25/07
20	31959 H7C	07298038	10/25/07
21	31960 H9C	07298019	10/25/07
22	31961H11C	07298039	10/25/07
23	31962H13C	07298020	10/25/07
24	31963H15C	07298021	10/25/07
25	31964 C1	07298022	10/25/07
26	31965 EJ7	07298023	10/25/07
27	31966J5	07298024	10/25/07
28	31967HJ7	07298040	10/25/07
29	31968J3	07298025	10/25/07
30	31969J1	07298030	10/25/07
31	31970J1A	07298031	10/25/07
32	31971HJ7A	07298047	10/25/07
33	31972HJ2	07298048	10/25/07
34	31973HJ1	07298049	10/25/07
35	31974 J2	07298026	10/25/07
36	31975 J3A	07298027	10/25/07
2000	- SPACEURIDA MESARU		

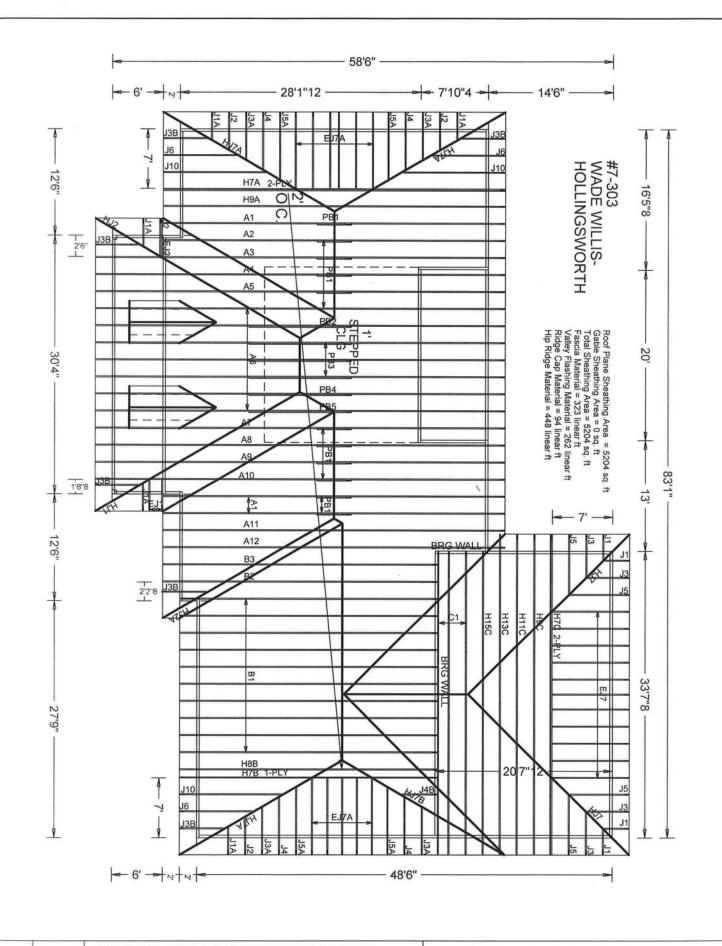
1.74

Seal Date: 10/25/2007

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

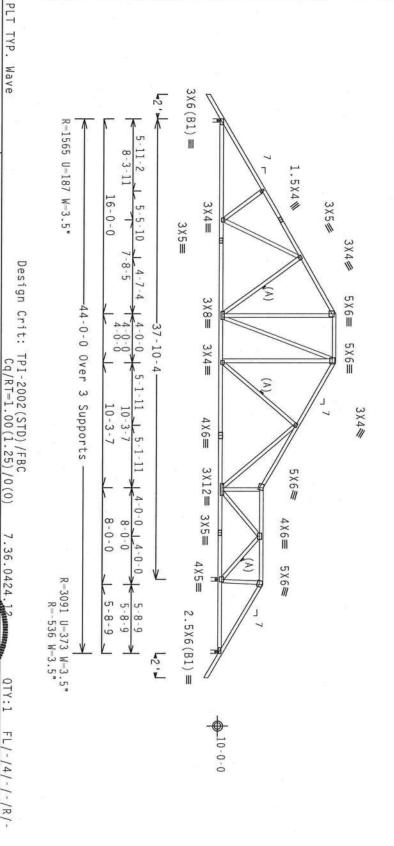
#	Ret Descrip	tion Drawing#	Date
37	31976HJ7B	07298043	10/25/07
38	31977 J4	07298028	10/25/07
39	31978J5A	07298029	10/25/07
40	31979EJ7A	07298001	10/25/07
41	31980J3B	07298002	10/25/07
42	31981HJ2A	07298003	10/25/07
43	31982J6	07298004	10/25/07
44	31983J10	07298005	10/25/07
45	31984EJ2	07298006	10/25/07
46	31985 EJ1	07298007	10/25/07
47	31986J4B	07298008	10/25/07
48	31987 PB1	07298009	10/25/07
49	31988PB5	07298010	10/25/07
50	31989PB4	07298011	10/25/07
51	31990PB3	07298012	10/25/07
52	31991PB2	07298045	10/25/07





JOB DESCRIPTION:: WADE WILLIS CONSTRUCTION
/: Hollingsworth

Bot In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{\circ}}}\ 0\text{\ensuremath{\mathbb{C}}}.$ Wind reactions based on MWFRS pressures 110 mph wind, 15.00 located within 6.50 DL=5.0 psf, wind BC Negative reaction(s) of -535# MAX. (See load case requires uplift connection. p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 Continuous lateral bracing equally spaced on member Dense ft mean hgt, ASCE 7-02, CLOSED bldg, not ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 below) from a non-wind 0 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS From From From From From From From (LUMBER 8888 50566666 Conc. DUR.FAC.=1.25 Load at Load Load 44.00 at 00 to 00 to 38.18 38.28 38.28 38.28 to PLATE TE DUR.FAC.-1.25)
63 PLF at 16.00
63 PLF at 20.00
63 PLF at 30.28
63 PLF at 38.28
63 PLF at 46.00
5 PLF at 44.00
5 PLF at 44.00
5 PLF at 44.00



TW Building Components Group, Inc.

Haines City, FL 33844

FI Confidence of Authorization # 0.778

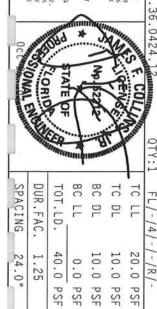
Builting Components Group, Inc.

Beside shown.

THE SUPPLIES AND UNITES ADDRESSED FROM ANSI/FPT 1 SEC. 2. **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH THIS OR FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

ESSIGN CONFERENCE WITH ADPLICABLE PROVISIONS OF NDS. (NATIONAL DESIGN SPEC, BY AFAFA) AND THIS. ITW BCG. CONNECTOR PLATES ARE HADE OF 20/18/16GA (N.H/SS/X) ASTN ASS3 GRADE 40/60 (N.K/N.SS) GAV. STEEL, APPLY ASTM A653 GRADE 40/60 (W. K/N.SS) GALV. STEEL. APPLY LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z ER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS

ALPINE



DATE REF

10/25/07

Scale =.125"/Ft. R8228- 31941

HC-ENG

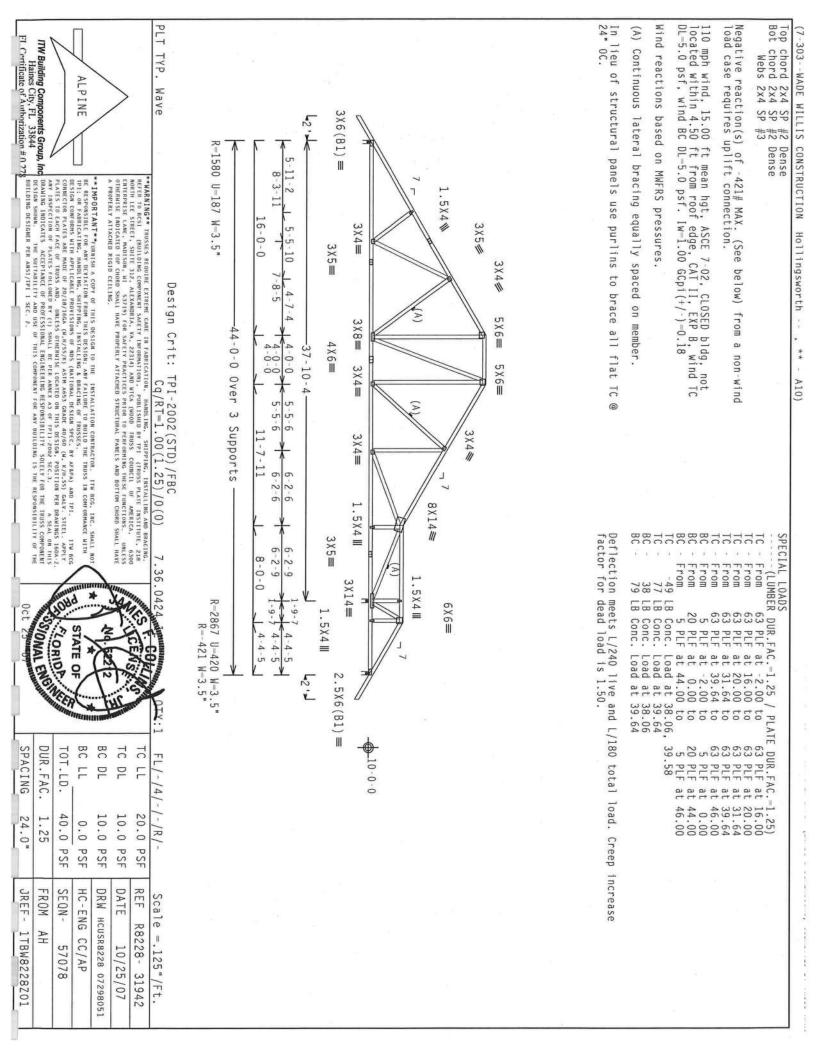
CC/AP 57106

DRW HCUSR8228 07298050

FROM SEQN-

JREF -

1TBW8228Z01



Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ (A) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. (/-303--WAUE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc.
Haines City, FL 33844
FL Cortificate of Authorization # 0.278 t chord 2x4 SP # Webs 2x4 SP # ALPINE Wave #2 Dense #2 Dense #3 3X6(B1) = R-1632 U-150 W-3.5" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE THUSS IN COMPORNANCE WITH TPI; OR FABRICATION, INSTALLING A BRACING OF THUSSES, DESIGN CONTROLS AND TRI. THE BCG CONTROLS HIT APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATRPA) AND TPI. THE BCG CONNECTOR PLATES ARE HADE OF 70/1871608 (M.H/SS/K) ASH A653 GRADE 40/50 (W.K/H.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNILESS OTHERWISE LICATED ON THIS DESIGN, POSITION PER BRANNINGS 160A.Z ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-7002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BOSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, Z18 MORTH LEE STREIT, SUITE 112, ALEXANDRÍA, VA, Z2314) AND HTCA (1000D TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLDSLAFED FOR GROBE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESI-ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX AS OF TPIT-2 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY 8-3-11 1.5X4 3×5/ Design Crit: 3 X 4≡ 16-10-5 3×5≡ 3×4/ ** - H9A) 8-6-10 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 36-0-0 Over 2 Supports 5-9 5×5= 3X7≡ 3X4≡ IZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT IG IS THE RESPONSIBILITY OF THE 5 X 8= 90 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/)=0.18 In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{\circ}}}\ 0\text{\ensuremath{\mathbb{C}}}.$ Wind reactions based on MWFRS pressures. 8-6-10 3X4/ 100 3×5≡ CORIO 16-10-5 TATE C 3×5/ 3 X 4≡ 1.5X4W -3-11BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-R-1632 U-150 W-3.5" 3X6(B1) = K2'V 20.0 1.25 40.0 24.0" 10.0 PSF 0.0 10.0 PSF PSF PSF PSF JREF -FROM SEQN-DATE REF DRW HCUSR8228 07298013 HC-ENG 10-0-0 Scale =.1875"/Ft. R8228-1TBW8228Z01 CC/AP 56955 10/25/07 31943

Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\ensuremath{^{\circ}}}\xspace$ 0C. (A) Continuous lateral bracing equally spaced on member (7-303--WADE WILLIS CONSTRUCTION Hollingsworth ITW Building Components Group, Inc. Haines City, FL 33844 FL Contificate of Amborization # 0.278 chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave K2 ' V 3X6(B1)= R=1632 U=151 W=3.5" **IMPORTANT***DURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN FOR THE TRUSS IN COMPORNANCE WITH TOT: OR FABRICATION, INNOTING, SUPPLIE, BESTALLING & ROBARDISO OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF ZO/18/156A (W.H/SS)X) ASTH MASS GABLE AD(A, POSITION PER DRAWHING SEGALA, AND TRIS DESIGN, POSITION PER DRAWHING SEGALA, AND THIS DESIGN, POSITION PER DRAWHING SEGALA, AND THIS DESIGN SPEC, BY AFRA AND THE SEGALATION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-ZOOZ SEC.3. A SEAL ON THIS PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERS AND THAT INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENG DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANS OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CEILING. 8-3-11 1.5X4W 312, ALEXANDRIA, VA. 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA. 6300 N. NI 53719) DOE SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 16-0-0 Design Crit: 3 \ 4 == 3×5/ 3 × 5 ≡ 3X4# -8-5 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 36-0-0 Over 2 Supports 5 X 5 = 3 X 7 ≡ 4-0-0 4-0-0 4-0-0 5 X 6≡ 3 X 4≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/ $^{\prime}$)=0.18 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-5 3X4/ 3×5≡ SOMA ENGINE TATE OF 3×4= 3×5/ 16-0-0 1.5X4W 00 ώ BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-R-1632 U-151 W-3.5" 3X6(B1) = 40.0 10.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF FROM DATE REF JREF -SEQN-DRW HCUSR8228 07298014 HC-ENG Scale = .1875"/Ft. R8228- 31944 1TBW8228Z01 CC/AP 56969 10/25/07

Top PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\ensuremath{^{\circ}}}\xspace$ 0C. (A) Continuous lateral bracing equally spaced on member (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc Haines City, FL 33844 FL Certificate of Amborization # 0.278 chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W12 2x4 SP #2 Dense: ALPINE Wave K2'V 4X5 (A2) ≡ R-1726 U-160 W-3.5" DRAWING INDICATES
DESIGN SHOWN. T **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FAREICKATHG, HANDLING, SHEPPING, HISTALLING & BRACING OF TRUSSES. BY AFRA AND TPI. THIS DESIGN COMPORNS HITH APPLICABLE PROVISIONS OF HIS SKING (NATIONAL DESIGN SPEC, BY AFRA) AND TPI. THIS DESIGN CONTRECTOR PLATES ARE MADE OF 70/10/10/06, (H.H.755) GALV. STEEL, APPLY DATE OF ARCHITECTURE PLATES ARE MADE OF 70/10/10/06, (H.H.755) OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRAHHGS 160A-Z. ANY HISS DESIGN OF PLATES OF LOUGHED BY (1) SHALL BE PER ANKEX AS OF TPI-7002 SEC.3. A SEAL ON THIS DESIGN PROPERTY OF THE PROPERTY DESIGN SHOWN. THE SUITABILI BUILDING DESIGNER PER ANSI/TPI **MARNING** RUSSES REQUIRE EXTREME CARE IN FABRICATION, HABDLING, SHIPPING, INSTALLING AND BRACING, RETER TO REST: (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CRUSS PLATE INSTITUTE, ZUB MORTH LEE STREET, SUITE 132, ALEXANDRIA, VA, ZZ314) AND HTCA (MODOD TRUSS COUNCIL OR AMERICA, 6300 ENTERORISE LANE, MADISON, VI S3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHERMISE INDICATED PRIOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 8-3-11 1.5X4W Design Crit: 6-0-0 3 X 4≡ 3×5/ -5-10 3×5≡ 3X4# ** 7-8-5 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) A2) -38-0-0 Over 2 Supports 5 X 5 == 3 X 7 ≡ 22 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 3 4-0-0 4-0-0 4-0-0 3×4≡ 5×6≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ά 3X4/ 5 Oct 3×5≡ SIONAL ENGIN 13-8-9 CORIDE 3×4= 3×5/ 5 X 4 // 6-0-4 BC LL BC DL TC DL SPACING DUR.FAC TC LL 5X12≡ 7×6≡ TOT.LD. FL/-/4/-/-/R/-4-3-7 4-3-7 4-3-7 R-1570 U-141 W-3.5" 40.0 20.0 10.0 PSF 3X12≡ 24.0" 1.25 0.0 10.0 PSF 3X4 III PSF PSF PSF ₩10-0-0 JREF -FROM SEQN-DATE REF DRW HCUSR8228 07298015 HC-ENG noticed consisting of the contract Scale =.1875"/Ft. R8228-1TBW8228Z01 CC/AP 56994 10/25/07 31945

PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\ ^{\circ}$ OC. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 A (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 Ft Cartificate of Ambarization #0.278 Continuous lateral bracing equally spaced on member ALPINE Wave 3X6(B1) = R-1632 U-148 W-3.5" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, FAT FALLURE TO BUILD THE TRUSS IN COMPORNANCE WITH TP: OR FARBICATING, MANUING, SHIPPING, INSTALLING A BRACING OF TRUSSES, DESIGN COMPORNAL OFFICE OF TRUSSES, THE BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H./SS/F), ASTM A653 GRADE 40/60 (M.K./M.SS) GALV. STEEL, APPLY LATES TO LACH FACE OF TRUSS AND, UNICES OTHERAISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 166A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANKEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SULFAMENCE OF PROFESSIONAL TRISHLEFING RESPONSIBILLITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULFAMENCE OF PROFESSIONAL TRISHLEFING RESPONSIBILLITY SOLELY FOR THE TRUSS COMPONENT FOR ANY HOUSE OF THIS DESIGN SHOWN. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. PROPERLY ATTACHED RIGID CEILING 8-3-11 1.5X4W 3X5# Design Crit: 3 X 4≡ 17-0-0 5 -10 3×5= 3X4# 8-8-5 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /0(0) A12) -36-0-0 Over 2 Supports 3X7≡ 5×5= 4-11-2 6-11-2 75 X 5 ≤ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 2-0-0 3 X 7 == 5×5= 3 X 5 ≡ 5-9-10 5-9-10 TATE O 3×5/ ייני השה ישרו טערי ושמו המוני מורא לאנחו לרחשים מ הזורואיזימוים! מחמודוונת פו ועמים עוני. 1.5X4 Ⅲ 12-0-14 3×4/ BC DL -3-4 TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-R=1632 U=149 W=3.5" 3X6(B1)≡ 40.0 10.0 1.25 20.0 PSF 10.0 PSF 0.0 PSF PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298016 Scale =.1875"/Ft. R8228- 31946 CC/AP 57060 10/25/07

SPACING

24.0"

JREF -

1TBW8228Z01

Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{\prime\prime}}}\ 0\text{\ensuremath{C}}.$ (A) Continuous lateral bracing equally spaced on member (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --TW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0.278

Building Description of Practs Followed by (1) Shakl be stored by the state of Practs Followed by (1) Shakl be stored by the suitability and use of this c building designer per ansigned as the suitability and use of this c chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave K2 ' Y 3X6(B1) = R=1632 U=148 W=3.5" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI; OR FARBLECKTHO, MANDLING, SHIPPIDE, INSTALLING A BRACING OF TRUSSES;

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. I'M BCG CONNECTOR PLATES ARE MADE OF 20/18/1664 (M.H/SS/P), ASTH A653 GRADU 40/60 (M.K/H.SS) GALV. STEEL APPLY PLATES TO BACH ACCE OF TRUSS AND, MINESS OTHERWISE (COATREE ON THIS DESIGN, POSITION PER DRAWLINGS 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SWALL BE PER ANNEX A3 OF IPI1: 2002 SEC.3. A SEAL ON THIS **WARNING** RUSSES REQUIRE EXTREME CARE IN FARRICATION. MANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO SEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PT (TRUSS PLATE INSTITUTE, 2128 MORTH LEE STREE, SUITE 312, ALEXANDRA, VA, 22314) AND NICA (MOOD TRUSS COUNCIL OR AMERICA, 6300 ENTERPRESE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHOOD SHALL MANE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 8-3-11 1.5X4 Design Crit: 3×5/ 17-0-0 3 X 4≡ 5 -10 3×5≡ 3X4# TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) -8-5 A11) 36-0-0 Over 2 Supports 1 3 X 7 ≡ 5×5= OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 1-6-0 -6-02-0-0 5×5₩ 3 X 7 ≡ 5×5≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 3X4/ 0ct 3×5≡ SONAL ENGINEE 3×4= 3×5/ 15-6-0 1.5X4W 8-3-11 BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-R-1632 U-149 W-3.5" 3X6(B1)≡ 40.0 20.0 10.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF CHICACACACA CONTINUES OF INCOCATA JREF -FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 07298017 Scale =.1875"/Ft. _10-0-0 R8228-1TBW8228Z01 CC/AP 57069 10/25/07 31947

Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\ensuremath{^{\circ}}}\xspace$ 0C. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ 8 (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Continuous lateral bracing equally spaced on member chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE 18 Gauge HS, Wave $3 \times 6 (B1) \equiv$ 12:1 R-1614 U-349 W-3.5" 8-3-11 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, THC. SHALL NOT BE RESPONSIBLE FOR MAY DEPIATION FROM THIS DESIGN, ANY FAILURE FOR BHILD THE TRUSS IN COMPORNANCE WITH PI; OR FARRICATION, ANNOLING, SHEPPIG, INSTALLING A BRACHING OF TRUSSES, WATERA, AND TEI. ITM BCG DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF HIS GRATIONAL DESIGN SEEC, BY ATERA, AND TEI. ITM BCG CONNECTOR PLAIRS ARE MADE OF 20/18/186A (A.M.1853), ASTA AGS. GRADE 40/60 (M. KJR. SS) GALV. STEEL, APPLY DLAIES TO EACH FACE OF TRUSS AND. DUBLES OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRANTHOS 160A-Z. ANY HISSOCIATION OF PLATES TO LOCATED ON THIS DESIGN. DOSITION PER BRANTHOS 160A-Z. ANY HISSOCIATION OF PLATES FOLLOWED BY CITY (SMALL BE PER ANKEX AS OF TRITS DOZZ SEC. 3. A SEAL ON THIS DESIGN OF PLATES FOLLOWED BY CITY (SMALL BEFOR ANKEX AS OF TRITS DOZZ SEC. 3. DESIGN SHOWN. T BUILDING DESIGNER PER ANSI/TPI I A PROPERLY ATTACHED RIGID CEILING 1.5X4/ 6-0-0 3 X 4≡ 3×5/ 3×5≡ 3×4/ 7-8-5 Design Crit: 4-7-4 5×6≡ 3 X 8≡ 44-0-0 Over 4-0-0 4-0-0 37-10-4 * 3 X 4 ≡ 5 X 6≡ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) A9) 3 Supports 8-2-9 8-2-9 3X4 4-1 4 X 6≡ OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT WG IS THE RESPONSIBILITY OF THE 5X12₩ 3 X 4≡ 4-0-0 4-0-0 1.5X4 Ⅲ 4X10≡ 8-0-0 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures. 3×5= Negative reaction(s) of -243# MAX. (S load case requires uplift connection. 4-0-0 5-1-11 SS0612≡ 3×5 W Ē R-2560 U-570 W-3.5" 7-9-7 6-1-12 CLORID $2.5 \times 6 (B1) =$ L2:1 R=-244 U=252 W=3.5" BC LL BC DL (See below) DUR.FAC. TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/-40.0 1.25 20.0 10.0 PSF 24.0" 0.0 10.0 PSF from a non-wind PSF PSF PSF JREF -FROM SEQN-DATE REF DRW HCUSR8228 07298041 HC-ENG Scale =.125"/Ft. R8228-1TBW8228Z01 CC/AP 57085 10/25/07 31948

Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\ensuremath{^{\circ}}}\xspace$ 0C. 8 (/-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 t chord 2x4 SP t Webs 2x4 SP t Continuous lateral bracing equally spaced on member ALPINE Wave 2.5X8(B1) = 2 #2 Dense #2 Dense #3 R-1647 U-358 W-3.5" 5-11-2 ∞ **IMPORTANT***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ARY DEVLATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THIS DESIGN CONTROL OF TRUSSES.

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF BDS (MATIONAL DESIGN SPEC, BY APRA) AND THE. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H/SS/M. ASTM A653 GRADE 40/50 (M.K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERSES LOCATED ON THIS DESIGN, POSITION DER DRAWHAGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OT THIS 200EY SEC. 3. A SLAL ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING.** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEGI (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND HICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LARE, MADISON, HI 53219) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE TRUCTIONS. DRIESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES ACCEPTANCE OF DESIGN SHOWN, THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 3-11 A PROPERLY ATTACHED RIGID CEILING. 1.5X4 16-0-0 3 × 4 ≡ 3×5/ 3×5≡ -10 3X4# Design Crit: œ 4-7-4 5 5×6≡ 3 \(8 == -44-0-0 Over 3 Supports 4-0-0 37-10-4-** 3 X 4≡ 5×6≡ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) A8) 4-9-7 4-9-7 4-9-7 5 X 6₩ 3 X 4≡ 4 X 6≡ 4-0-0 L 8-0-0 3×5≡ 8-0-0 4-0-3X10≡ 5 X 6≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, I located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 3 X 5 ≡ 5-0-13 5-0-13 2.5X6 III 11-2-9 R=2318 U=514 W=3.5" 0ct 5X5(R) / 6-1-12 CIROL $2.5 \times 6 (B1) =$ 12: BC LL BC DL DUR.FAC. TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/ R=-34 U=143 W=3.5" 20.0 40.0 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298042 JREF -Scale =.125"/Ft. not R8228-1TBW8228Z01 CC/AP 57092 10/25/07 31949

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 $24\mbox{\ensuremath{^{\circ}}}\xspace$ 0C. A (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --Haines City, FL 33844
FL Certificate of Amborization # 0.278 ITW Building Components Group, Inc. p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 Continuous lateral bracing equally spaced on member ALPINE Wave 2.5X6(B1) = R=443 U=126 W=3.5" Dense Dense 4-4-4 13-4-4 4-2-10 14-0-14 -8-0-0-1.5X4 7-10-4 7-10-4 **IMPORTANT***UBHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FORM THIS DESIGN, ANY FAILURE TO BOILD THE TRUSS IN COMPORNANCE WITH IP: OR FARRICATING, MANUFURG, SHEPPLING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. THE BCG CONNECTOR PLATES ARE MODE OF ZO/18/166A (M. 1/8/SE/K) NATURAS OR AREA BOYON FOR PLATES ARE MODE OF ZO/18/166A (M. 1/8/SE/K) NATURAS TO EACH FACE OF TRUSS AND. MILESS ORDERINGS SHOWN TO WITH DESIGN, POSITION PER DRAWINGS 16GA-Z ANY INSPECTION OF PLATES AND THIS SOURCE OF THE SOURCE OF THIS DESIGN FOR THIS DESIGN FOR THE SOURCE OF THE SOURCE OF THIS DESIGN FOR THE SOURCE OF THE SOU DRAWING INDICATES ACCEPTANCE OF DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPIL-2 DRAWING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY A PROPERLY ATTACHED RIGID CEILING 3X4(R) III 3×5/ 1.5X4 Ⅲ 6-0-0 6×6≡ R-1524 U-287 W-3.5" 2.5X6加 8-3-8 Design Crit: 5 X 6≡ 3 X 8≡ 18-3-8 4-0-0 4×6≡ A ** 000 3 X 4 ≡ 5 X 8≡ 000 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) Over 4 Supports 29-10-4-6-0-15 0 6-10-4 6-3-8 1.5X4 III €X6≡ 6X12(**) 5-2-8 4-11-0 2.5X6= ω 3 X 8≡ -0-0 3-4-4 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 (**) 1 plate(s) require special positioning. Refer to so plate plot details for special positioning requirements. Wind reactions based on MWFRS pressures. 3X5≡ 0NLESS €X6≡ 2.5X6= 10-4 3-1-12 5 X 4 (R) / 9-1-12 R=1904 U=420 W=3.5" 0ct 3 X 4 Ⅲ 6-1-12 S/ONAL ENGIN STATE O TORIOR $2.5 \times 6 (B1) =$ 2-0-0 BC DL BC LL R=59 U=87 W=3.5" DUR.FAC. TC DL SPACING LC LL TOT.LD. FL/-/4/-/-/R/-11-0-0 Refer to scaled 40.0 10.0 20.0 1.25 10.0 PSF 0.0 24.0" PSF PSF PSF PSF JREF -FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 07298032 Scale =.125"/Ft. R8228-1TBW8228Z01 CC/AP 57150 10/25/07 31950

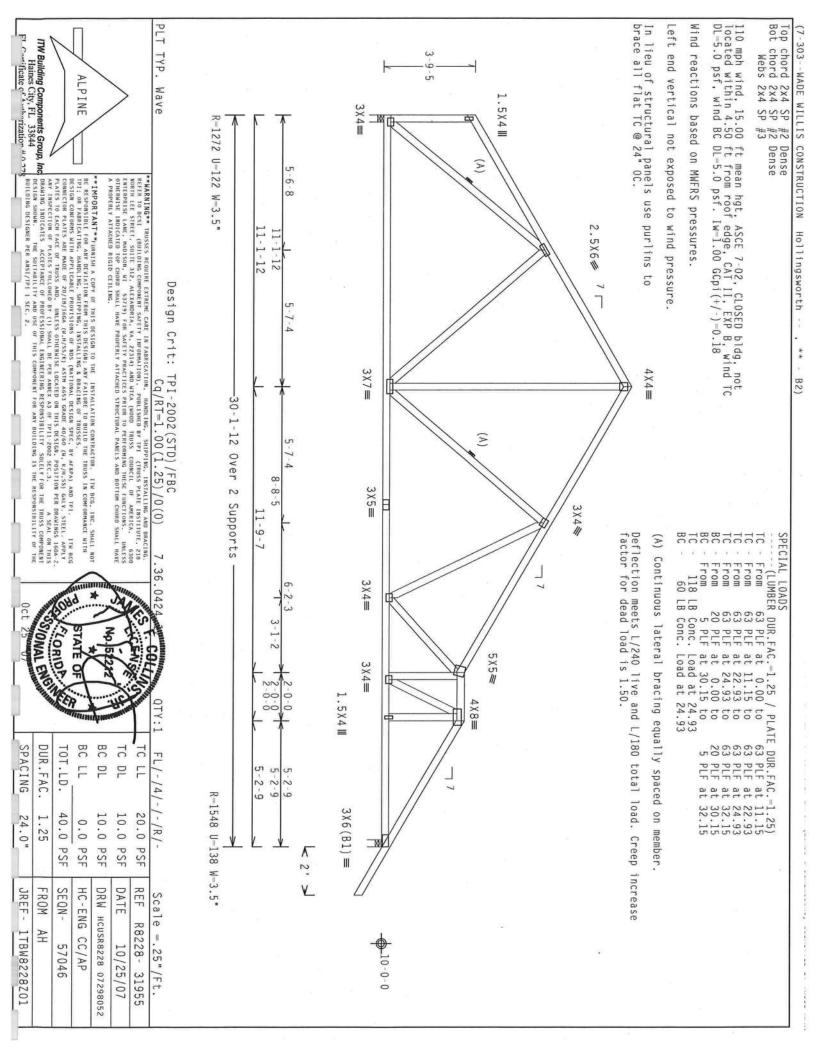
Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{\circ}}\xspace}$ 0C. Ξ (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc Haines City, FL 33844 FL Certificate of Authorization # 0 278 p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 Continuous lateral bracing equally spaced on member ALPINE Wave $2.5 \times 6 (B1) =$ R=455 U=130 W=3.5" R=1546 U=292 W=3.5" Dense Dense 4-4-4 13-4-4 4-2 1.5X4/ 1-10-4 -8-0-0--10-4 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FIT. OR FAREICACHING, HANDLING, SHEPPING, HISTALLING & BRACHING OF TRUSSES, BY AFRA) AND TPI. ITH BCG. CONNECTION FOR THE APPLICABLE PROVISIONS OF HIS SHALLING A BRACHING FEELS BY AFRA) AND TPI. THE BCG. CONNECTION FOR ITH APPLICABLE PROVISIONS OF HIS SHALLING A BRACHING GO, G. M. F. AFRA, AND THIS CONNECTION FOR THE TRUSS AND ALLY STEEL APPLY DLATES TO EACH FACE OF THUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS LOCAL OF HIS DESIGN AND ANY STEEL APPLY BLATES TO EACH FACE OF THUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS LOCAL OF HIS DESIGN AND ANY STEEL APPLY BLATES TO EACH FACE OF THUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. FOSTION PER DRAHINGS LOCAL OF THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FOI (TRUSS PLAIN ENSITHUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND NTCA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MODISON, MI 5375) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED RIGID CEILING 3X4(R) 1 3X5# 1.5X4 III 6X6≡ 16-0-0 -10_14-0-14 2.5X6# 8-3-8 Design Crit: 5 X 6≡ 3X8≡ 18-3-8 4-0-0 4×6≡ Â 5 X 6≡ 3 X 4 ≡ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) Over A5) 3-5-2 29-10-4-5×6# 4 Supports ά 2-10-6 1.5X4 III €X6= .5X4 III M. POSITION PER DRAWINGS 160A-Z.
102 SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
NG IS THE RESPONSIBILITY OF THE 8-0-0 5-1-10 3 X 8 ≡ 5 X 6≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 3X5= 6-6-14 9 17-10-4 5 3×5/ 12-6-14 3 X 4 Ⅲ 3×6/ R=1692 U=381 W=3.5" R=238 U=49 W=3.5" 0ct OSIONAL ENGIN 6-1-12 CORIOR $2.5 \times 6(B1) =$ 2-0-0 10-0 BC DL DUR.FAC. TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-11-0-0 40.0 20.0 10.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF SEQN-JREF -FROM DATE REF HC-ENG DRW HCUSR8228 07298033 Scale =.125"/Ft. R8228-1TBW8228Z01 CC/AP 57155 10/25/07 31951

Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{"}$ OC. 8 (7-303--WADE WILLIS CONSTRUCTION ITW Building Components Group, Inc Haines City, FL 33844 FL Certificate of Amborization # 0.278 Continuous lateral bracing equally spaced on member. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave $2.5 \times 6 (B1) =$ R-459 U-131 W-3.5" 4-4-4 13-4-4 4-2-10 14-0-14 -8-0-0-7-10-4 7-10-4 1.5X4 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN. ANY FALLURE FOR BUILD THE TRUSS IN COMFORMANCE WITH ITP: ON FABRICATHE, HANDLING. SHEPPING, INSTALLING & BRACING OF TRUSSES. IN COMFORMANCE WITH INTERIOR OF TRUSSES. IN CAMPA, AND IT!. ITH BGG CONNECTOR PLATES ARE HAD PLICABLE PROVISIONS OF MOS (MATIONAL DESIGNS SPEE, N. HAAPA) AND IT!. ITH BGG CONNECTOR PLATES ARE HAD PLICABLE PROVISIONS OF MOS (MATIONAL DESIGNS POSITION PER DRAWINGS 160A -Z. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A -Z. ANY HRSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEL AS OF FPIT—2002 SEC. 3. A SEAL ON THIS DESIGN AS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE "MAKNING" TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE HSTITUTE, 218 NORTH LEE STREET, SUITE 312. ALEXANDRAL, VA, 223-314) AND MICHA (HOOD TRUSS COUNCEL OF AMERICA, 630-0 CHYSEMPERS LAME, HADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUCTIONS. UNLESS OTHERWISE HINDEACHED FOR COROS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED RIGHD CELLING. 3 X 4 (R) 1 3×5/ 1.5X4 III 16-0-0 6X6≡ Hollingsworth R=1539 U=289 W=3.5" 8-3-8 Design Crit: 5×6≡ 3 X 8≡ 18-3-8 -44-0-0 Over 4 Supports 4 X 6≡ A ** , 0-0-5X6≡ 5X6≭ 3 X 4 ≡ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 29-10-4-6-3-8 4-11-4 8-0-0 1.5X4 Ⅲ 2X4 III €X6= 3-0-12 3-0-12 5 X 6≡ 3 X 8≡ 2.5X6 8-7 0 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 3 × 5 ≡ 17-10-4 3×5/ 14-7-12 2.5X6≡ R=1659 U=387 W=3.5" R=273 U=46 W=3.5" 1.5X4 III 6-1-12 $2.5 \times 6 (B1) =$ BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. TC FL/-/4/-/-/R/-11-0-0 Ε 24.0" 1.25 40.0 10.0 10.0 20.0 0.0 PSF PSF PSF PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR8228 07298034 Scale =.125"/Ft. R8228- 31952 1TBW8228Z01 CC/AP 57143 10/25/07

Top chord 2x4 SP + Bot chord 2x4 SP + Webs 2x4 SP + PLT TYP. VERIFY AND APPROVE THE LOADING LOADING HAS BEEN CALCULATED BY THE TRUSS SPECIAL LOADS (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Amborization # 0.278 From 110 From From From (LUMBER ALPINE Wave 166 63 68 20 $2.5 \times 6 (B1) =$ Conc. DUR.FAC. F at 36.00 to F at 42.00 to F at 44.00 to F at 0.00 to Load at 42.00 R=463 U=134 W=3.5" Dense Dense 4-4-4 13-4-4 4-2-10 1 1.25 / t -2.00 t 36.00 t 42.00 44.00 t 40.00 t 0.00 7-10-4 1.5X4 1-10-4 -8-0-0-**IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARRICATING, HANDLIGG. SHIPPING, INSTALLING A BRACTING OF TRUSSES, AND AND TPI. THE BCG DESIGN COMPORES WITH APPLICABLE PROVISIONS OF RIDS (MATIONAL DESIGN SPEC, BY AFREA) AND TPI. THE BCG CONNECTION FOR THE ARE MADE OF POLICE FOR ANY ADDRESS OF RIDS (MATIONAL DESIGN SPEC, BY AFREA) AND TRIS. THE BCG CONNECTION FAIRS ARE MADE OF POLICE FOR THE BCG CONNECTION FAIRS ARE MADE OF POLICE FOR THE SOURCE SOME. AND IN THIS DESIGN OF POLICE FOR THE TRUSS COMPORENT WESPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX A 30 FPI; 2002 SEC. 3. A SEA, ON THIS DESIGN FOR THE BCG CONNECTION FOR THE TRUSS COMPORENT DRAWING INDICATES ACCEPTANCE OF DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BOSI. (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUIT, 212 MORTH (LEE SIREI, SUITE 312, ALEXANDRIA, VA. 22314) AND NICA (1000D TRUSS COUNCIL O NATELICA, 6300 ENTIFERENT, SUITE 312, ALEXANDRIA, VA. 27314) AND NICA (1000D TRUSS COUNCIL OS AMERICA, 6300 ENTIFERENT SALEI, MANISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OHIERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE / PLATE DUR.FAC.=1.25)
to 68 PLF at 0.00
to 63 PLF at 36.00
to 221 PLF at 42.00
to 63 PLF at 44.00
to 68 PLF at 44.00
to 20 PLF at 44.00 3 X 4 (R) 📶 3×5/ 1.5X4 Ⅲ 6×6≡ 16-0-0 R=1565 U=388 W=3.5" 8-3-8 MANUFACTURER DESIGNER TO Design Crit: 36.00 42.00 44.00 44.00 4-4-6 5 X 6≡ 3 X 8≡ 18-3-8 4×6= TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /0(0) Over 4 Supports -2 __ 5-0-14 A6) 3 X 4≡ 10-0-0 2-0-0 29-10-4 (A)A). 1.5X4 III 2X4 III €X6= 3185-0 1-8-8 5 X 6≡ 3 X 8≡ 10 13 3X4// 10-0-0 3×5≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, relocated within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 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 @ 24" OC. Wind reactions based on MWFRS pressures. (A) Continuous lateral bracing equally spaced on member 17-10-4 4-11-7 3×5/ 6-0-0 1.5X4III 3 \ 4 = R-2102 U-521 W-3.5" SONAL ENGINE 6 - 1 - 12R=693 U=172 W=3.5" STATE O 2.5X6(B1) =2-0-0 BC LL BC DL DUR.FAC. TC DL SPACING TOT.LD. FL/-/4/-/-/R/-11-0-0 24.0" 40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298035 Scale = .125"/Ft. not R8228-משוונו ובט מו ואטטט וזו א CC/AP 57192 10/25/07 31953

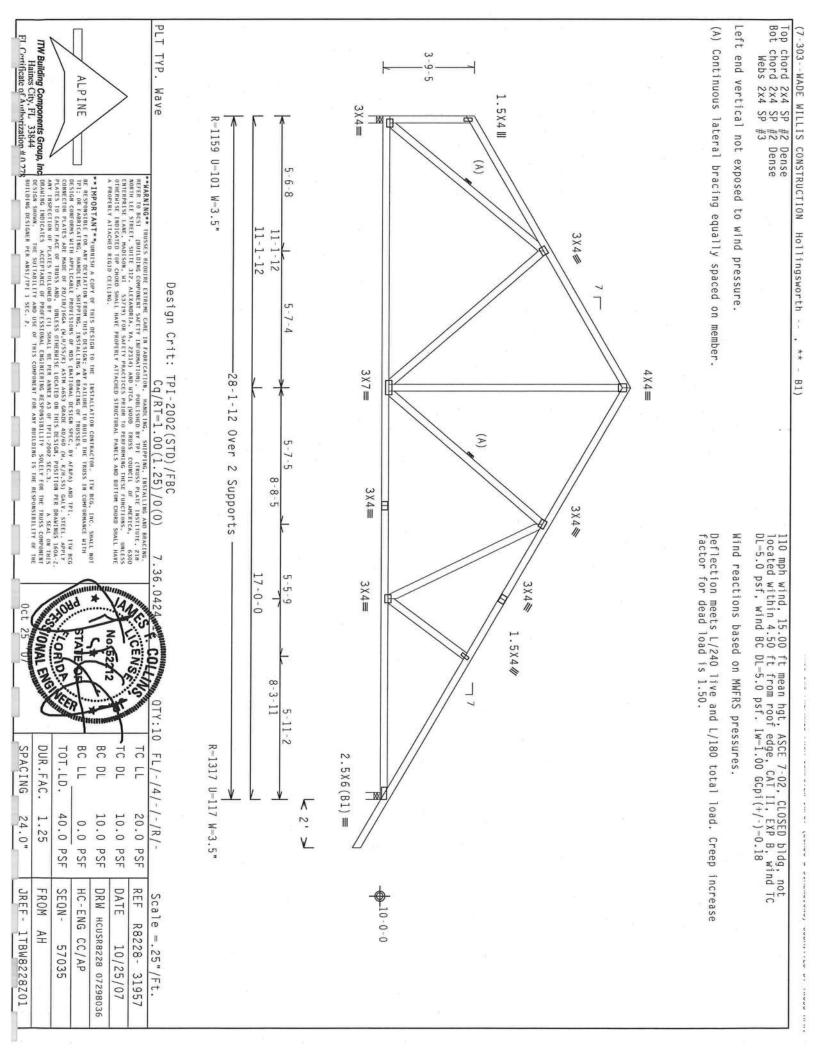
1TBW8228Z01

Top chord 2x4 SP # Bot chord 2x6 SP # Webs 2x4 SP # PLT LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE 5X8\$ 6X6=
THE LOADING. Wind reactions based on MWFRS pressures SPECIAL LOADS Left end vertical not exposed to wind pressure (7-303--WADE WILLIS CONSTRUCTION Hollingsworth ITW Building Components Group, Inc. Haines City, FL 33844 FL Cortificate of Amborization #0.278 TYP. From From From From From (LUMBER ALPINE Wave 6X6(R) Ⅲ 1.5X4 III 63 177 20 Conc. DUR.FAC. R-3370 U-363 W-3.5" #2 Dense :T2 2x6 SP #1 Dense: #2 #3 Load at 7-6-15 A 28. 4-6-15 DRAWING INDICATES ACCEPTANCE
DESIGN SHOWN. THE SUITABILI
BUILDING DESIGNER PER ANSI/TPI **IMPORTANI***Gurish a copy of this design to the installation contractor. It beg, inc. shall need responsible for any deviation from this design; any failure to build the thuss in componance with pp: or fabbles, this and thill g. a braiting of thusses, inc. and the prior fabbles, the fabrical grains of the fabrical from the fabrical DESIGH COHPORES WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGH SPEC, NY PARPA) AND TY. ITH NGG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/N) ASTM AGSS GRADE 40/50 (W. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-Z. A PROPERLY ATTACHED RIGID CEILING to 7.58, to to to to to 6 63 PL 20 PL 44 PL 20 PL 5 PL 14.71 E DUR.FAC.=1.25) 63 PLF at 7.58 177 PLF at 14.71 5 X 8≡ Design Crit: 28-1-12 Over 30.15 7.58 14.71 28.15 7-1-11 30.15 (B) 12 /-1-11 5 X 4 (R) III 7 X 8 ₩ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) H7B) 2 5 X 4 ≡ Supports 6-5-13 DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 3X4// 1.5X4 Ⅲ 3X4// .3 - 5 - 3SHALL NOT Bearing blocks: Nail type: 12d_Common_(0.148*x3.25*, min.)_nails BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE 1 0.000' # 12" 4 Rigid Surface Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK0207 for additional information. (B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. With In lieu of structural panels use purlins to brace all (A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. 6-11-6 R-2780 U-300 W-3.5" 4X8(C8) = 4X4(C8) = SONAL ENGINE K2'V ATE O 10-0-0 BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-1.25 40.0 10.0 20.0 10.0 PSF 24.0" 0.0 PSF PSF PSF PSF flat FROM SEQN-DATE REF JREF -HC-ENG DRW HCUSR8228 07298044 TC Scale = .1875"/Ft. R8228-1TBW8228Z01 CC/AP 57018 10/25/07 31954



Bot PLT TYP. Note: All Plates Are 3X4 Except As Shown. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. Left end vertical not exposed to wind pressure (7-303--WADE WILLIS CONSTRUCTION Hollingsworth ITW Building Components Group, Inc Haines City, FL 33844 FL Certificate of Amhorization # 0.278 p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP ALPINE Wave 1.5X4 III R-1159 U-105 W-3.5" ##2 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN ANY FAILURE FO BUILD THE TRUSS IN COMFORNANCE WITH TPI: OR FARBICATION, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BUS (MAIJONAL DESIGN SPEC, BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/15GA (M:H/SS/K), ASTM A653 GRADE 40/60 (M:K/M:SS) GALV STEEL, APPLY CONNECTOR PLATES ARE MADE OF 20/18/16GA (%.1)/SS/E) ASTM AG PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER AME DEALWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN SHOWN. THE SUITABLILITY MOUSE OF THIS COMPONENT BUILDING DESIGNER PER AMSI/TP1 1 SEC. 2. PROPERLY ATTACHED RIGID CEILING. (A) 9-2-10 2-10 -7-5 Design Crit: UNLESS OTHERWISE LOCATED ON 4×4= 3 X 7 ≡ ** 3-10-4 3-10-4 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 3-10-4 -28-1-12 Over H8B) B DE NOME SPEC. BY AFAPA) AND SEEL APPLY GRADE 40/60 (W. K/M.SS) GALV. STEEL APPLY GRADE 40/60 (W. K/M.SS) GALV. STEEL APPLY ON THIS OSIGN. POSITION FER BRANINGS 160A-Z. A3 OF TPIL-2002 SEC.3. A SEAL ON THIS COMPONENT SELLY FOR THE SECONSIBILITY OF THE 4×6≡ 2 Supports 8-2 6-9-3 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{\circ}}}\ 0\text{\ensuremath{\mathbb{C}}}.$ Wind reactions based on MWFRS pressures. .36.042 15-0-14 9 0ct STONAL ENGINEE 1.5X4/ 8-3-11 BC LL SPACING BC TC DL DUR.FAC. R-1317 U-120 W-3.5" TOT.LD. C FL/-/4/- $2.5 \times 6 (B1) =$ 40.0 24.0" 1.25 10.0 10.0 PSF 20.0 /-/R/-0.0 PSF PSF PSF PSF DATE JREF -REF FROM SEQN-HC-ENG DRW HCUSR8228 07298018 Scale = .25"/Ft. 0 R8228-1TBW8228Z01 CC/AP 57027 10/25/07 31956



PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Left end vertical not exposed to wind pressure. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (A) Continuous lateral bracing equally spaced on member. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc.
Haines City, FL 33844
EL Certificate of Amborization # 0.278 ALPINE Wave 1.5X4 Ⅲ 3 X 4≡ R-1242 U-108 W-3.5" 6-8 DESIGN SHOWN. THE BUILDING DESIGNER PER **IMPORTANT** TUBBLESH A CODY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT URE RESPONSING FOR ANY EVILATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE TRUSS IN COMPORAMORE WITH THE DE FARRICATING, MADLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN COMPONES WITH APPLICABLE PROVISIONS OF ADS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. THE BCG CONNECTOR PAIRS, ARE MODE OF ZOJERJORA (M. 1975X), ASTR MOSS GRADE 00/00 (M. K.M. 1875) GARY. STEEL, APPLY COMMISSIONS OF ADS PLATES TO EACH FACE OF ANY INSPECTION OF PLAT A PROPERLY ATTACHED RIGID CEILING. 2.5X6# 11-1-12 11-1-12 Design Crit: 3 X 7 ≡ 4×4= TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 83) 30-1-12 Over 2 Supports THIS DESIGN. POSITION PER DRAWINGS 150A-2
OF TP11-2002 SEC.3. A SEAL ON THIS 8-4-4 8-4-4 3×5≡ CHORD SHALL HAVE 3×4/ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels use purlins to brace all flat TC 24" OC. Wind reactions based on MWFRS pressures. 5×5# 3X7= 4×6≡ 3 X 4≡ 1.5X4# 8-7-12 8-7-12 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/--6-10 R-1400 U-126 W-3.5" $4X4(A2) \equiv$ 24.0" 1.25 40.0 10.0 20.0 10.0 PSF 0.0 PSF PSF PSF PSF DATE JREF -FROM SEQN-REF DRW HCUSR8228 07298037 HC-ENG Scale = .25"/Ft. R8228-1TBW8228Z01 CC/AP 57051 10/25/07 10-0-0 31958

Top chord 2x4 SP #2 Dense :T2. T3 2x6 SP #2: Bot chord 2x6 SP #2 Webs 2x4 SP #3

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

Wind reactions based on MWFRS pressures

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

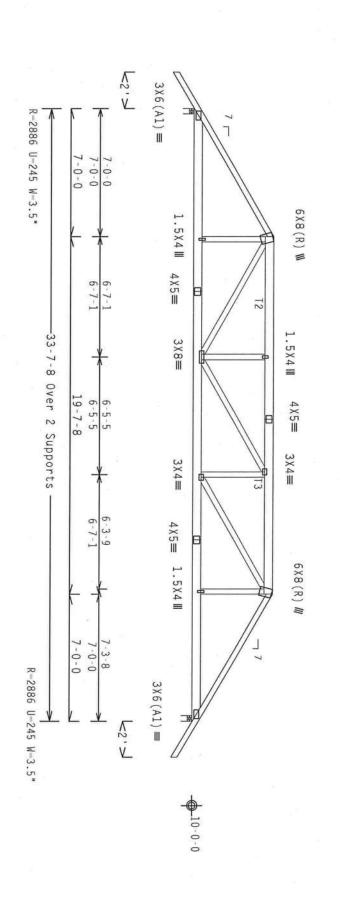
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

COMPLETE TRUSSES REQUIRED

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

stagger nails

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



NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA.
ENTERPRISE LANE, MADISON, WI 53719) FOR SA
OTHERNISE INDICATED TOP CHORD SHALL HAVE PRO *WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCS1. (BULLDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY TPI (TRUSS PLAIE INSTITUTE, 219 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 CHILERRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

Design Crit:

TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/

/O(O)

TC LL

20.0 PSF

DATE REF

10/25/07

HC-ENG

CC/AP 56738

DRW HCUSR8228 07298038

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

Scale = .1875"/Ft. R8228- 31959

TYP.

Wave

IMPORTANT*URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILTO THE TRUSS IN COMFORMANCE WITH TP: OR FABRICATING, AND TILLING, SHEPPICE, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF ZOTIB/166A (M.1P/SS/K) NATE ARE MADE OF ZOTIB/166A (M.1P/SS/K) ASST GRADE AD/60 (M. K/M.SS) GALVE, POSITION REP BRAINES AND.

PLATES TO EACH FACE OF TRUSS AND. WILLESS OTHERISES LOCATED ON THIS DESIGN, POSITION FOR BRANCH SIGNARY ANY INSPECTION OF PLATES AND THE SET OF THE PROBABILIST SIGNARY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3.

A SEAL OF THIS

SOLELY FOR THE TRUSS COMPONENT

ANY INSECTION OF PLATES FOLIOHED BY (1) SMALL BE PER ANNEY AS OF TP11-20 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD. BUILDING DESIGNER PER ANSI/TP1 1 SEC.

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278

ALPINE

JREF-FROM SEQN-

1TBW8228Z01

CORIOR STAT BC DL TC DL DUR.FAC. SPACING TOT.LD. 24.0" 1.25 40.0 10.0 10.0 PSF 0.0 PSF PSF PSF

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP. In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{\circ}}}\xspace$ 0C. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc Haines City, FL 33844 FL Certificate of Amborization # 0.278 ALPINE Wave #2 Dense #2 Dense #3 3X6(B1) = R-1534 U-152 W-3.5" **IMPORTANT***URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUEN FOR THIS DESIGN; ANY FAILURE TO BUILD THE RRUSS IN COMFORMANCE WITH IPT: OR FARRICATING, UNNERTHG, SHEEPING, INSTALLING A BRACTING OF TRUSSES.

DESIGN CONTENS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPT.

THE DESIGN CONTENS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPT. THE DESIGN CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/K). ASTH AGS3 GRADE 40/50 (W. K.H.S.S) GALV. STEEL, APPLY PLATES TO EACH FACE OF RUSS AND. UNIESS OTHERWISE LOCATED ON THIS DESIGN FOSITION FOR BRANKHINGS 16GA-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPT1-2002 SEC.3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPT1-2002 SEC.3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPT1-2002 SEC.3.

THE SUITABILITY AND DESCRIPTION OF PLATES FOR THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE 4-8-13 DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. A PROPERLY ATTACHED RIGID CEILING. 9-0-0 1.5X4 9-0-0 Design Crit: 5×5= 3 X 7 ≡ VIGGA (MINSSEX) ASTR AGGS GRANG THE SECTION OF THE BRANINGS 160A-Z
UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRANINGS 160A-Z
UNLESS OTHERWISE LOCATED ON THIS TORS SEC.3.

BY (1) SHALL BE FER ANKEX AS OF TPI1-2002 SEC.3.

SHALL BE FER ANKEX AS OF TPI1-2002 SEC.3.

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TO SHALL BE FER ANKEX AS OF TPI1-2002 SEC.3. 3×5≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ -9-12 H9C) 33-7-8 Over 2 Supports 3 X 4≡ 3 X 4 ≡ 15-7-8 8-9-(0) 0/ 3 X 4 ≡ -9-12 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 3×5≡ ά 3 X 7 ≡ 5×5= 0ct CORIDE .5X4# 9-0-0 9-0-0 -8-13 R-1534 U-152 W-3.5" 3X6(B1) = BC LL BC DL IC LL SPACING DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/-K2'V 40.0 20.0 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR8228 07298019 Scale = .1875"/Ft. R8228- 31960 1TBW8228Z01 CC/AP 56749 10/25/07

טיבה זיייטי לרמומים א חזורויים במוסין המתודוובה מו נוצחים נוועי

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) $1x4\ \#3$ or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 ALPINE Wave K2 'Y 3X6(B1) =R=1534 U=149 W=3.5" **MARNING** TRUSSES REQUIRE ETREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPONENT SAFETY REFORMATION), PUBLISHED BY THE (RBUSS PLATE INSTITUTE, 218 MORTH LE SIREE, SUITE 312, ALEXANDEAL, VA. 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ETHEREPSIS LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE INDICATED FOR DEBURY HAVE PROPERLY ATTACHED STRUCTURAL PANELS, AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. AND BOTTOM CHORD SHALL HAVE 5-9-5 -9-5 1.5X4 Ⅲ 3×4/ .-0-0 Design Crit: 2-11 3×5= 5×5≡ 3 X 7 ≡ ** TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) H11C) 33-7-8 Over 2 Supports 5-9-12 11-7-8 3 \ 4 = 11-7-8 -9-12 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels use purlins to brace all flat TC 24" OC. Wind reactions based on MWFRS pressures. 3 X 7 ≡ 5×5= 7.36.0424 3×5≡ 5-2-11 5-2-11 CLORIOR 1.5X4 III 3X4 1-0-0 5-9-5 -9-5 R=1534 U=149 W=3.5" 3X6 (B1) ≡ BC LL SPACING DUR.FAC. BC DL TC DL TC LL TOT.LD. FL/-/4/-/-/R/-K2 'V 40.0 20.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF 10-0-0 DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 07298039 JREF -Scale =.1875"/Ft. R8228- 31961 1TBW8228Z01 CC/AP 56759 10/25/07

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) $1x4\ \#3$ or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-303--WADE WILLIS CONSTRUCTION Haines City, FL 33844
FL Conficate of Amborization # 0.278 ALPINE Wave K2'V 3X6(B1) = R-1534 U-146 W-3.5" **IMPORTANT***UURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, TAY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABELGATHE, ANNULLIG, SHIPPICH, INSTALLIG & BEACHER OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF ZO/18/156A (4.1/5/S/K) SATH A653 GRADE 40/66 (4. K/M-SS) GAV.

CONNECTOR PLATES ARE MADE OF ZO/18/156A (4.1/5/S/K) SATH A653 GRADE 40/66 (4. K/M-SS) GAV.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AJ OF TPI1-2002 SEC.3.

A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN SHOWN. THE SHITMAILIFF AND USE OF THIS COMPONENT BUILDING DESIGNEEP PER ANSI/FPI I SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, IMADILING, SHIPPING, INSTALLING AND BRACING. RETER TO BESS! (BUILDING COMPONERS SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AND NICA (400D TRUSS COUNCIL OF AMERICA, 630O ENTERPRISE LAKE, MADISON, NI 33719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING THESE FUNCTIONS. UNLESS OFHERMISE INDICATED FOR FORDE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 6 - 8 - 136 - 8 - 13Hollingsworth --1.5X4 III 13-0-0 3X4# Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3X5# 6-3-3 6-3-3 3×5≡ 3 X 7≡ 5×5≡ 33-7-8 Over 2 Supports 9-12 7-7-8 3×4≡ -/-8 3 - 9 - 123 X 7 ≡ 5×5≡ In lieu of structural panels use purlins to brace all flat TC $24\mbox{"}$ OC. Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 3×5≡ 6-3-3 3×5/ 1.5X4 III 3×4/ STATE OF .3-0-0 6-8-13 8-13 R-1534 U-146 W-3.5" $3 \times 6 (B1) =$ BC DL BC LL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-K2'V 1.25 40.0 20.0 24.0" 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF 10-0-0 SEQN-JREF -FROM DATE REF HC-ENG DRW HCUSR8228 07298020 Scale = .1875"/Ft. R8228- 31962 1TBW8228Z01 CC/AP 56764 10/25/07

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\ensuremath{^{\circ}}}$ 0C. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Amborization #0.278 ALPINE Wave 3X6(B1) = R=1393 U=118 W=3.5" #2 Dense #2 Dense #3 7-8-13 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE TRUSS IN COMPORMANCE MITH IP: OR FABRICATING, HANDLING, SHEPPING, INSTALLING A BRACTING OF TRUSSES, DESIGN CONTRORS WITH APPLICABLE PROVISIONS OF MUS (MATIONAL DESIGN SPEC, BY AFRY) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H/SS/K) ASTH A653 GRADE 40/60 (M.K/M.SS) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE (COATED ON THIS DESIGN, POSITION PER DIRAMINES 160A-X. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANKEX AS OF TPI1-2002 SEC.3. A SLAL ON THIS DESIGN SHOWN. THE SUITABILLITY AND USE OF THIS COMPONENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE PALTES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATE
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANH
DRAWING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING
DESIGN SHOWN.
THE SULFABILITY AND USE OF THIS COMPONEN
BUILDING DESIGNER PER ANSI/FP | SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESS! (GRUICING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE MESTITUTE, 220 MORTH LEE STREEE, SUITE 312, ALEXANDRIA, VA, Z2314) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MAJSON, NI S3719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS OTHERHISE INDICALED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE 1.5X4/ 5-0-0 3 X 4 ≡ 3×5/ 3×5≡ 3X4# Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 33-7-8 Over 2 Supports 5×5= 3 X 7≡ H15C) 3-7-8 3-7-8 -7-8 5×6= 3 X 4 ≡ 3-3 3X4/ 3 × 5 ≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 3×5/ 3 X 4≡ 15-0-0 0ct 1.5X4W -8-13 R-1538 U-144 W-3.5" 3X6(B1) =K2'V BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-24.0" 1.25 40.0 10.0 20.0 10.0 PSF 0.0 PSF PSF PSF PSF DATE JREF -FROM SEQN-REF HC-ENG DRW HCUSR8228 07298021 Scale =.1875"/Ft. R8228- 31963 1TBW8228Z01 CC/AP 56772 10/25/07

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Ξ Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --Haines City, FL 33844
Frace of Authorization # 0.278 Continuous lateral bracing equally spaced on member ALPINE Wave 3X6(B1) =R=1393 U=115 W=3.5" /-8-13 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, AFF FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI; OR FARRECKTING, HANDLING, SHEPPING, HISTALLING A BRACLING OF TRUSSES, DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF AND (KATIONAL DESIGN SPEC, BY ATRAY) AND TP1. BCG COMMERCION PLATES ARE MADE OF 20/18/16/36 (M.H/SS/K) ASTH A653 GRADE 40/60 (M. K/M:SS) GALV STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. BULESS OTHERISE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 1500A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TP11-2002 SEC.3. A SEAL ON THIS DESIGN SPECIAL ASTAINS OF PARTS FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TP11-2002 SEC.3. A SEAL ON THIS DESIGN SHALLES ACCEPTANCE OF PROPERSTORAL REGIONERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. A PROPERLY ATTACHED RIGID CEILING. 1.5X4W 3 X 4 ≡ -8-2 16-9-12 3×5/ 3X4W 3×5≡ Design Crit: 9-0-15 -33-7-8 Over 2 Supports 6-9-15 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /0(0) C1) 3 X 7 ≡ 5×5= 9-15 9-0-15 3×4// 3×5≡ Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 16-9-12 3×5/ 3×4= 4-8-2 0ct 1.5X4W S/ONAL ENGIN CORIDE -8-13 R-1538 U-141 W-3.5" $3X6(B1) \equiv$ K2 'V BC DL DUR.FAC. BC LL TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 20.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR8228 07298022 Scale =.1875"/Ft. R8228- 31964 1TBW8228Z01 CC/AP 56783 10/25/07

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Top chord 2x4 SP Bot chord 2x4 SP ALPINE

BE RESPONSELE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSELE FOR ANY DEVIATION FROM THIS DESIGN: AMACHING THE TRUSSES.

FIT: OR FARRICATING. HANDLING. SHIPPING. INSTALLING & BARCHING OF TRUSSES.

CONNECTOR PLATES ARE MODE OF 2013/15/16AV 041/15/3/D) ANALYM COSTON SPEC. BY AFRAYA AND IPI.

ITW Building Components Group, Inc.

BRAHING CITY, FL. 33844

FL Configure of Anthonization and Control of Control of Trib. Statule Reper MARK AS DESIGN POSITION FOR REMAINS 160A-7-2

BUILDING DESIGN SHOWS.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE FLOOR SHOWN IN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE FLOOR SHOWN IN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE FLOOR SHOWN IN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE FLOOR SHOWN IN THE SUITABLITY OF THE FROM THE (7-303--WADE WILLIS CONSTRUCTION Wave #2 Dense #2 Dense Hollingsworth ---2-0-0-Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 2X4(A1) = MD R=455 U=24 W=3.5" EJ7) -7-0-0 Over 3 Supports Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 0ct STONAL ENGREE R-77 R=185 U=55 BC LL BC DL TC DL FL/-/4/-/-/R/-DUR.FAC. TC LL SPACING TOT.LD. 5 14-1-13 10-0-0 1.25 24.0" 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF JREF -FROM SEQN-DATE REF HC-ENG CC/AP DRW HCUSR8228 07298023 Scale = .5"/Ft. erand constitute of incom in it. R8228- 31965 1TBW8228Z01 56711 10/25/07

Oct

SPACING

24.0"

JREF -

1TBW8228Z01

PLT Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Hipjack supports 7-0-0 setback jacks with no webs Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --TW Building Components Group, Inc.
Haines City, FL 33844

El Certificate of Amborization # 0.278 TYP. ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH TPI: OR FARRICATING, INANILING, SHEPPIGE, INSTALLING, A BRAILE OF TRUSSES.

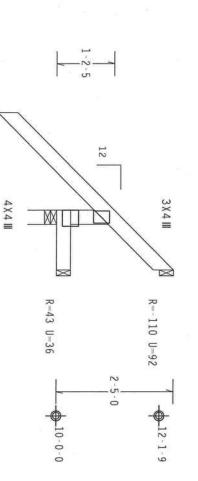
DESIGN CONTORNS HITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/1508, UH.18/55/RJ. ASIM A653 GRADE 40/60 (H. K/H.55) GALV. STEELA APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCALID ON THIS DESIGN, POSITION PER DRAHING. 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX A OT TPII-2002 SEC.3. A SEA ON THIS DESIGN SHOWN. THE SUTTABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DORSING MAY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2 **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, HNSTALLING AND BRACING, REFER TO BEST (BULLDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 2231a) AND WICK (MODD TRUSS COUNCIL OF AMERICA, 6300 GHIERDRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOS TO PERFORMING THESE TRUCTIONS. UNLESS OFFER PRACTICES PRIOS TO PERFORMING THESE TRUCTIONS. WHIESS OFFER PRACTICES PRIOS TO PERFORMING THESE TRUCTION SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. 2X4(A1) =M R-546 U-68 W-4.95" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 4.95 5-3-6 HJ7) 9-10-13 Over 3 Supports 1.5X4 Ⅲ 3X4# ф 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. .36.0424 4-0-14 0ct 4-7-6 CORID 3 \ 4 == BC LL BC DL TC DL 10 11 SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-R = 352R-258 U-68 40.0 24.0" 1.25 10.0 PSF 20.0 10.0 PSF 0.0 PSF PSF PSF 5-0 14-1-3 DATE JREF -FROM SEQN-REF 10-0-0 HC-ENG CC/AP DRW HCUSR8228 07298040 Scale =.5"/Ft. R8228- 31967 1TBW8228Z01 56731 10/25/07

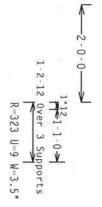
PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Top chord 2x4 SP Bot chord 2x4 SP (/-303--WADE WILLIS CONSTRUCTION Haines City, FL 33844
FL Contificate of Amborization # 0.278 ALPINE Wave #2 Dense #2 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN; ANY FALLURE TO BILLD THE TRUSS IN COMFORMACE WITH PICTOR FARESCRIPE, MANDLING, SHEPPING, INSTALLING A BRACEING OF TRUSSES.

DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ATAPA) AND THIS DESIGN COMFORMS OF THIS APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ATAPA) AND THIS DESIGN COMFORMS OF FOLLOWING BY A TAPA OF THIS DESIGN PROSITION FOR DRAWINGS 1604 A.Z. APPLY PLATES TO EACH FACE OF TRUSS, AND. UMLESS OTHERNIST LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 1604 A.Z. ANY HISPECTION OF PLATES FOLLOWER BY CT) SHALL BE FER ANKE MAY AS OF THIS DESIGN. FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNEE PER ANSI/TPI I SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUISSES PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRÍA, VA, 22314) AND HIGA (MOOD TRUSS COUNCIL OF AMERICA, 6300 SHIERBRISS LANE, HANDISM, NI 53719) FOR SACETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. Hollingsworth ---2-0-0-Design Crit: 2X4(A1) = MD R=321 U=34 W=3.5" 3-0-0 Over 3 Supports ** 1 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) J3) R=15 U=5 R-49 U-17 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18 Wind reactions based on MWFRS pressures. 7.36.0424.1 -1-5* 10-0-0 CORIDE STATE OF BC LL BC DL TC DL SPACING TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 20.0 PSF 0.0 10.0 PSF PSF PSF DATE JREF -FROM REF SEQN-HC-ENG DRW HCUSR8228 07298025 Scale =.5"/Ft. R8228- 31968 1TBW8228Z01 CC/AP 56721 10/25/07

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Top chord 2x4 SP Bot chord 2x4 SP (7-303--WADE WILLIS CONSTRUCTION ITW Building Components Group, Inc. Haines City, FL 33844 FI Certificate of Amhorization # 0.278 ALPINE Wave #2 Dense #2 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM HIS DESIGNS, ANY FAILURE TO BUILD THE TRUES IN COMPORMANCE WITH FPI; OR FARRICKITHO, ANDLIGG. SHEPPING, INSTALLING A BRACHEN OF TRUESES. DESIGN COMPORTS WITH APPLICABLE PROVISIONS OF HOS SERVED SPECE, BY ATAPA) AND TPI. ITH BCG CONNECTION FARES ARE MADE OF 20/18/19/GAQ, 49.H/SS, 19. ANI ADDRESS OF A. ATAPA) AND TPI. ITH BCG CONNECTION FOR EACH FACE OF TRUES AND. JUNESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER BRAHINGS 160A-Z. ANY HISSECTION OF FLATES FOLLOWED BY C1) SHALL BE FER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE MESPONSIBILITY OF THE BUILDING DESIGNEER FER ANNEX AS OF THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE MESPONSIBILITY OF THE BUILDING DESIGNEER FER ANNEX AS OF THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE MESPONSIBILITY OF THE A PROPERLY ATTACHED RIGID CEILING. Hollingsworth --1-0-0 Over 3 Supports Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 2X4(A1) = W R=366 U=75 W=3.5" R=-114 U=82 0-11-5 10-7-13 R=-33 U=26 _10-0-0 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-24.0" 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF REF JREF -FROM SEQN-DATE HC-ENG CC/AP DRW HCUSR8228 07298030 Scale =.5"/Ft. R8228- 31969 1TBW8228Z01 56725 10/25/07

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --JIA) Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55



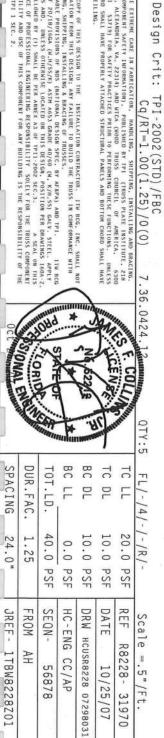


ALPINE REFER TO BOSS (QUIDING COMPONENT SAFETY IMPONATION), HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSS (QUILDING COMPONENT SAFETY IMPONATION), PARLING BY THE (TRUSS PLATE INSTITUTE, 21M NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 223-231) AND WITCH (MODD TRUSS COUNCIL OF AMERICA, 6300 CHRIERORISE LINE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE HOUSEAUGH OF HORSE SHALL HAVE PROPERLY ATTACHED TO TAKE LAND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

PLT TYP.

Wave

ITW Building Components Group, Inc Haines City, FL 33844 FL Certificate of Amborization # 0.278 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION PROM THIS DESIGN, ANY FAILURE FOR BUILD THE TRUSS IN COMPORMANCE WITH IPPI; OR FAREIGNING. HISTOPING, INSTALLING A BRACING OF TRUSSES. BY ARBYD, AND TPI. ITH RCG COSIGN COMPORES WITH APPLICABLE PROFUSIONS OF HIS GNATIONAL DESIGN SPEC, BY ATRAD, AND TPI. ITH RCG COMMERCING PRICES AND THE ARRANGE AND THE SUBJECT OF ACID OF TRUSS AND THE ARRANGE AND THE SUBJECT OF ACID OF PAIRS OF TRUSS AND THE SO THERMISE LOCATED ON THIS DESIGN, POSITION PER BRAHHMGS 160A-Z, ANY HISFECTION OF PAIRS FOLIOHER BY CI) SHALL BE FER ANKE AND TPI. 2002 SEC.3. AS ALON THIS DESIGN ACCUPANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



CC/AP 56878

R8228- 31970

10/25/07

1TBW8228Z01

PLT TYP. Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection. Hipjack supports 9-9-14 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC. Wind reactions based on MWFRS pressures Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FI Certificate of Amhorization #0 278 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEPLATION PROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; ON FAREICATHOE, MANDIAGE, SUPPING, INSTALLING A BRACHEG OF TRUSSES, OF A MAY DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS GRATIONAL DESIGN SPEC, BY ATRAD AND TPI. ITH BCG CONNECTION FAIRS ARE MADE OF 20/18/16/06, (A.H.MSAY) AND TRIS DESIGN SPEC, BY ATRAD AND TPI. BY A MAY THE SPECIAL OF TRUSS AND. JUNESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A-Z, ANY THIS SPECIAL ON PLATES FOLLOWED BY CITY SHALL BE PER ARRIVEX AS OF TPI1-2002 SEC. 3. A SEAL ON THIS DESIGN ACCUPANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN THE SULTABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES RE <u>↑3-11-10</u> Design Crit: 3X6# R-1072 U-119 W-6.946" 6.05 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) HJ7A) 3 X 4 ≡ .3 - 10 - 113X4個 Over 2 3X4# 4-7-9 Supports 3 X 4 ≡ 3X4個 Right end vertical not exposed to wind pressure 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (2) 2x4X13-6-14 SP #2 Dense Top chord scabs centered 2-1-2 from left end. Attach one to each outer face of chord with (2) rows of 12d_Common_(0.148"x3.25",_min.)_nails @ 12" 0.C., staggered 6". 4-10-9 R=1253 U=88 SIONAL ENGRIEE 1.5X4 III 3 X 4≡ TATE BC DL TC DL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-1.25 40.0 20.0 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF SEQN-DATE REF FROM HC-ENG DRW HCUSR8228 07298047 Scale = .25"/Ft. R8228-CC/AP 10/25/07 19610 31971 REV

SPACING

24.0"

JREF -

1TBW8228Z01

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

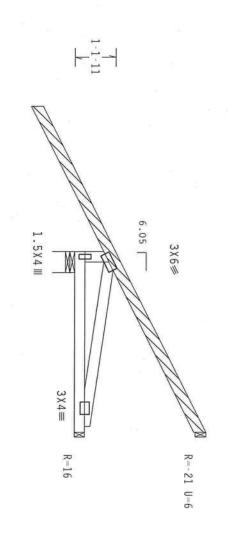
Deflection meets L/240 live and L/180 total load. factor for dead load is $1.50.\,$ Creep increase

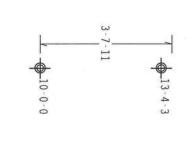
Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

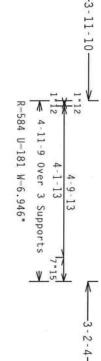
Wind reactions based on MWFRS pressures.

Hipjack supports 3-6-2 setback jacks with no webs.

(2) 2x4X10-6-14 SP #2 Dense Top chord scabs centered 2-1-1 from left end. Attach one to each outer face of chord with 2 rows of 12d_Common_(0.148"x3.25",_min.)_nails @ 12" 0.C., staggered 6"







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

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

REF

Scale = .375"/Ft. R8228- 31972

DATE

10/25/07

DRW HCUSR8228 07298048

CC/AP

PLT

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 21B NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICKA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERICEPRISE LANE, MADISON, MI 53749) TOR SAFETY PRACTICES PRIOR TO PERFORMING THESS TRUCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTPURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP! OR FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TP!.

FLATES TO EACH FACE OF TRUSS AND, UNLESS OF MOS (MATIONAL DESIGN SPEC), BY AFAPA) AND TP!.

FLATES TO EACH FACE OF TRUSS AND, UNLESS OF MOS (MATIONAL DESIGN SPEC), BOSITION FOR BRANINGS 166A-Z.

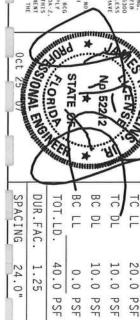
ANY INSPECTION OF FLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TP!1-2002 SEC, 3.

ANY INSPECTION OF FLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TP!1-2002 SEC, 3.

THE SUITABILITY OF THE DRAWING HOPENS ACCEPTANCE OF PROFESSIONAL INDIFICENCE AND THIS DESIGN SULLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278

ALPINE



JREF -FROM

1TBW8228Z01

SEQN-HC-ENG

19614

REV

Bot 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Amborization #0.278 p chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 ALPINE Wave Dense Dense ** IMPORTANT** SUBLISH, A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW ECG. INC. SHALL NOT BE RESONANCE FOR ANY EVALUATION FROM THIS DESIGN, ANY FAILURE TO BOILD THE TRUSS IN COMPORMANCE WITH THE OR FARRICATING. ANDLING. SHIPPING. INSTALLING A BRACING OF TRUSSES.

BESIGN CONTENES WITH APPLICABLE PROVISIONS OF MOS (MAISHONAL DESIGN EVEL, BY AFRA) AND TPI.

CONNECTOR PLAIES ARE MOSE TO EXPLAINED AND THIS CONTROL OF THIS DESIGN. POSITION PER ORANINGS 160A-V. STEEL APPLY

PLAIES TO EACH FACE OF TRUSS AND. UNLESS OFHERMISE LOCATED ON THIS DESIGN. POSITION PER ORANINGS 160A-V.

ANY INSPECTION OF PLAIES TOLLOWED BY (1) SHALL BE FER ANMEX AS OF TPIL-ZOOZ SEC.3.

A SEAL OR THIS BUILDING DESIGNER PER DESIGN SHOWN. T **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE HISTITUTE, 218 HORTH LEE STREET, SUITE 3172, ALEXANDRIA, VA. 22314) AND NICA (4000) TRUSS COUNTILS AMERICA. 5200 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS PROPERLY ATTACHED RIGID CEILING CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Design Crit: 6.05 SE LOCATED ON THIS DESIGN, POSITION PER DRANINGS 160A-2.
PER ANEX AS OF TP11-2002 SEC.3. A SEAL ON THIS
INTERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 1.5X4 Ⅲ 1.5X4 Ⅲ R=62 W=6.946" <3-4-11 Over 3 Supports</p> 3-2-15-Hipjack supports 5-2-7 setback jacks with no webs. Wind reactions based on MWFRS pressures. UNLESS 0300 R-43 R-81 U-10 10-3 12-6-11 10-0-0 BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 10.0 PSF 24.0" 1.25 0.0 PSF PSF PSF PSF FROM DATE REF JREF -SEQN-HC-ENG DRW HCUSR8228 07298049 Scale =.5"/Ft. R8228- 31973 1TBW8228Z01 CC/AP 19618 10/25/07 REV

Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (1-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARREACTHO. HANDLING, SHEPPIDG. HISTALLING. A BRACING OF TRUSSES.

DESIGN COMPORMS WITH APPILCABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AKEA) AND TP!. ITH BCG COMMERCIOR PLATES ARE HADE OF 70/18/166A (NH/SS/K) ASTH A653 CRANDE 40/60 (H, KMI-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERISE LOCATED ON THIS DESIGN, POSITION PER DRAATHONS 1500A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN STEEL "***WARNING** RUUSES REQUIRE EXTREME CARE IN FABRICATION). PARRILLOS SHIPPING, INSTALLING AND BRACING.
RETER TO BOSS. (BUILDING GOMERNET SETTY LHFORNATION). PUBLISHED BY TET (FURSE PLATE INSTITUTE, ZIB
NORIH LEE STREET, SUITE 312. ALEXANDRIA, NA. 22313) AND NECA (MOD TRASS COUNCIL OF AMERICA,
8300
UHIERPRISE LANE, NADISON, NI \$3719) FOR SAFETY PRACTICES PRIOR TO PERFORMENTE THESE TURCTIONS. UNLESS
OTHERWISE. INDICATED DE COMOS SMALL HAVE PROPERTY ATACHED STRUCTURA, PARELS AND BOTTOM CHORD SMALL HAVE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. PROPERLY ATTACHED RIGID CEILING -2-0-0-Design Crit: 2-4-12 Over 3 Supports 3 X 4 Ⅲ 4 X 4 Ⅲ R-315 W-3.5" M 12 * -2-3-0-TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) J2) R=6 U=28 R-38 U-30 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures. 7-0 10-0-0 CORIO BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-40.0 20.0 10.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF FROM SEQN-DATE REF JREF -DRW HCUSR8228 07298026 HC-ENG Scale =.5"/Ft. R8228- 31974 1TBW8228Z01 CC/AP 56882 10/25/07

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth Haines City, FL 33844
FI Cartificate of Authorization #0.278 ALPINE Wave **IMPORTANT**GURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN: ANY FAILURE TO BELLOD THE TRUSS IN COMFORMANCE WITH TPI. OR FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTROLS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITH BCG CONNECTOR PLATES ARE HADE OF 20/18/16GA (W.H/SS/K) ASTH A653 GRADE 40/60 (W.K/H.SS) GAV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS ANY INSPECTION OF PLATES FOLLOWED BY (1) BUILDING DESIGNER PER ANSI/TPI 1 A PROPERLY ATTACHED RIGID CEILING **←**2-0-0-> 3×4 III 3-6-12 Over 3 Supports Design Crit: MI R=347 W=3.5" 12 -3-5-0-** SE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-PER ANNEX A3 OF TPI1-2002 SEC. 3. A SEAL ON THI TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) J3A) R-70 U-53 R=46 U=11 32 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT WG IS THE RESPONSIBILITY OF THE CHORD SHALL HAVE ģ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. 0 10-0-0 0ct CORIOR BC LL BC DL DUR.FAC. TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/-20.0 40.0 1.25 10.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF PSF JREF-FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298027 Scale = .375"/Ft. R8228- 31975 1TBW8228Z01 CC/AP 56799 10/25/07

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - HJ7B)

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

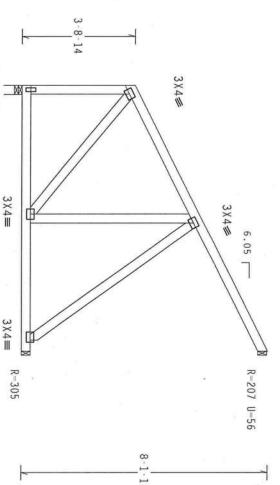
Left end vertical not exposed to wind pressure.

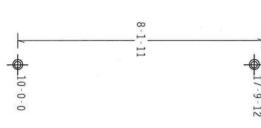
Hipjack supports 6-2-2 setback jacks with no webs.

110 mph wind, 15.94 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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







1.5X4 Ⅲ

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

PLT TYP.

Wave

WARNING TRUSSES REQUIFE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, "A. 22314) AND WICK HOOD. TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, AMOISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNITESS OTHERWISE INJURATED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANI "QUANTSH A CORY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE ROUSS IN COMPONANCE WITH THIS TO RESPONSIBLE FOR ANY DEVIATION, SHIPPING, INSTALLING A BRACING OF ROUSSES.

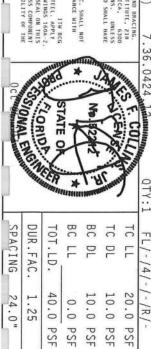
DESIGN CONTROL SHIPH APPLICABLE PROVISIONS OF NDS (MATONAL DESIGN SPEC, BY AFFA) AND FPI. ITH BCG. COUNTETON RALES ARE NO. OF 20/18/16/AGA (M. 1/8/SS) ASSESSED AGADE 40/10 (M. K.MIASS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN. POSITION FOR DEALTHOS SHOW. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERIX AS OF THIS DESIGN. POSITION FOR DEALTHOS SHOW.)

ALPINE

Haines City, FL 33844

FI Certificate of Anthorization # 0.278

FI Certificate of Anthorization # 0.278 W. K/H.SS) GALV. STEEL. APPLY
I, POSITION PER DRAWINGS 160A.Z.
IS SEC.J. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
NG IS THE RESPONSIBILITY OF THE



REF

10/25/07

Scale = .3125"/Ft. EF R8228- 31976

HC-ENG

CC/AP 57007 DRW HCUSR8228 07298043

SEQN-

JREF -

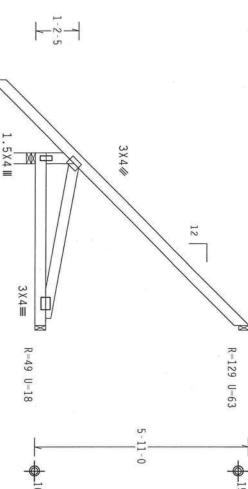
1TBW8228Z01

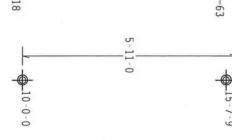
Top chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

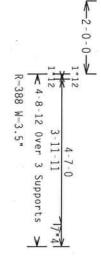
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures







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

PLT TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION, DANDLING, SHIPPING, INSTALLING AND BRACING.

RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, ZIB

MORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, ZZJJA) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300

ERTERPRISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGID CEILING.

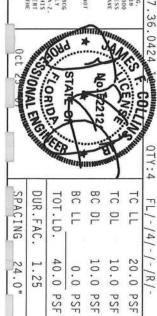
ALPINE

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: AMP FALLURE TO BUILD THE TRUSS IN COMPORMMEE WITH PET OF ABULCATION. SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN COME FOR PLATES AND INTERIOR FOR SHALLING AND REAL OF THE MISSES.

CONNECTOR PLATES ARE MODE OF 2017/87/1630 (A.175.50) AGAIN ASSO GRADE 40/60 (M. K.M.I.SS) GANLY SHEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERSTS. LOCATED ON THIS DESIGN. POSITION FER DRAININGS 160A-ZAFY INSPECTION OF PLATES FOLLOWED BY (1) SAILL BE FER ANNEX AS OF FIT1-2002 SEC.3.

A SEAL OF THE SHIPPING AND PROPERSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE FIT CONTINUED BY THE SHIPPING AND THE SHIPPING



PSF

PSF

SEQN-HC-ENG

JREF -FROM

1TBW8228Z01

PSF PSF

DATE REF

10/25/07

Scale = .375"/Ft. R8228- 31977

DRW HCUSR8228 07298028

CC/AP 56815

PLT TYP. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --TIW Building Components Group, Inc.

Haines City, FL 33844

FI Certificate of Authorization # 0.778

Builtoing Destina second. The Suitz-Authorization # 0.778

ANY INSPECTION OF PACKES FOLIONED BY I ALPINE Wave **IMPORTANT***URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, THG. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP; OR FABELSCHIAG, JANDIUG, SHIPPIGG, HYSTALLING A BRACHIG OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFRAYA) AND TPI. ITH BCG CONNECTOR PLATES ANE MADE OF ZO/18/15GA, (W.H/SS/K) ASTH AG53 GABE 40/50 (W.K/H.SS) GALV. STEELA, APPLY PLATES TO EACH FACE OF TRUSS AND. MURESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAMBHIGS SHOALS, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DRAMBING MOLICIES ACCEPTANCE OF PROFESSIONAL ENGINEERS AND TPI1-2002 SEC.3. A SEAL ON THIS DRAMBING MOLICIES ACCEPTANCE OF PROFESSIONAL FROM THE ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DRAMBING MOLICIES ACCEPTANCE OF PROFESSIONAL FROM THE ANNEX AS OF TPI1-2002 SEC.3. DTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CEILING WARNING** TRUSSES REQUIRE EXTREME **←**2-0-0-> 1.5X4 III 3X4少 W. R=433 W=3.5" ▲ 5-10-12 Over 3 Supports Design Crit: 5-0-13 12 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) JSA) 3 X 4≡ ф R=171 U=83 R-64 U-16 Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 _16-9-9 SONAL EMBRISHES TATE OF בוכ רר BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF FROM DATE REF SEQN-JREF -HC-ENG DRW HCUSR8228 07298029 Scale =.3125"/Ft. R8228- 31978 1TBW8228Z01 CC/AP 56819 10/25/07

Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --Haines City, FL 33844
FL Certificate of Authorization # 0.278 ITW Building Components Group, Inc. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARERCATING, HANDLING, SHEPPING, INSTALLING A BRACHEW OF TRUSSES, AND FPI. ITM BCG CONNECTED FOR THE PROPERTY OF THE STATE AND THE PROPERTY OF THE STATE AND THE STATE AND THE PROPERTY OF THE STATE AND THE STATE OF THE DRAWING INDICATES ACCEPTANCE OF DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 *****MARNING*** RUSSES BEQUIRE EXTREME CARE IN FARRICATION, IMBULING. SHIPPING, INSTALLING AND BRACING.
REFER TO RES! QUILLUNG COMPONENT SICILY INFORMATION). PUBLISHED BY THE CRUSS PLATE INSTITUTE, 218
MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 2233A AND AFDA (ROOD TROSS COUNCIL OF AMERICA,
6300
CHIEDRISE LAMI, MANISON, MI 5373) FOR SMETTY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
CHIEDRISE LIMICATED TOP CHORE SMALL HAVE PROPRIETY ATTACHED STRUCTURAL PARKETS AND HOTTOR CHORD SMALL HAVE 2 1.5X4 III 2.5X6少 R=478 W=3.5" ★ 7-0-0 Over 3 Supports Design Crit: 6-0-14 12 ** TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) EJ7A) 3 X 4≡ R-79 U-14 R-209 U-100 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures 00 2-5 10-0-0 QTY:11 FL/-/4/-/-/R/-BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. 40.0 20.0 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298001 Scale = .25"/Ft. R8228- 31979 1TBW8228Z01 CC/AP 56825 10/25/07

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense (7-303--WADE WILLIS CONSTRUCTION ITW Building Components Group, Inc. Haines City, FL 33844 EL Cortificate of Amborization # 0.278 ALPINE Wave **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSEN.

DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEC. BY AFRICA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20,181,166A. (M.HUSS)N, ASTH AG53 GRADE 40760 (M. K.M.S.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, MURESS OTHERWISE COATED ON THIS DESIGN, POSITION PER BRANTING 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC. 3.

DENAITED INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT DESIGN SHOON. THE SUITABILITY AND USE OF THIS COMPONENT TOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED PER ANNI/TPI I SEC. 2. OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. Hollingsworth --Design Crit: $2 \times 4 (A1) \equiv$ R=325 U=50 W=3.5" 3-2-1 Over 3 Supports > M * TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) J3B) R=18 U=19 R=56 U=20 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_{\rm W}=1.00$ GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures 8 ATE O BC LL BC DL SPACING DUR.FAC. TOT.LD. TC DL TC LL FL/-/4/-/-/R/-40.0 20.0 10.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF FROM DATE REF JREF -SEQN-DRW HCUSR8228 07298002 HC-ENG Scale = .5"/Ft. R8228- 31980 1TBW8228Z01 CC/AP 56874 10/25/07

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense (7-303--WADE WILLIS CONSTRUCTION Hollingsworth PLATES TO EACH FACE OF TRUSS AND. URLES OTHERWISE COMPONENT FOR ANY INSPECTION OF PARTES FOLLOWED BY (1) SIGNAL ENGINE SPECIAL OF TRUSS CAND. URLES OTHERWISE COLORED ON THIS DESIGN ANY INSPECTION OF PARTES FOLLOWED BY (1) SIGNAL ENGINEERING EXPONENTIAL BY PER ANNEX AS OF THIS SOURCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN, MY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPI: OR FARRICATING, HANDLIGG, SHEPPIG, HISTALLING & BRACHEG OF TRUSSES, DESIGN CONTROLATING, HANDLIGG, SHEPPIG, HISTALLING & BRACHEG SEC. BY AREA), AND TO!. ITH BCG CONNECTION PARTIES ARE MADE OF 20/18/16/06, (H.H.75X) ASTA AGS3 GRADE 40/60 (H. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAFINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF IPI1-2002 SEC.3. A SEAL ON THIS DESIGN. POSITION FOR THE THAS COMPONENT OF THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE A PROPERLY ATTACHED RIGID CEILING. -2-0-0-Design Crit: $2X4(A1) \equiv$ M R=440 U=25 W=3.5" ** TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) J6) -6-7-3 Over 3 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures R=71 R=173 U=51 BC DL BC LL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-8 10-0-0 40.0 20.0 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298004 Scale = .5"/Ft. R8228- 31982 1TBW8228Z01 CC/AP 56836 10/25/07

Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --TW Building Components Group, Inc.

ANY INSPECTION OF PLATES FOLLOWER BY (1) SHALL BE PER AIMS

Haines City, FL 33844

EL Cartificate of Authorization # 0.778

BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave **IMPORTANT**FURHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPI: OR FARELECTION, HANDLIGS, SHIPPIG, INSTALLING A BRACHRO OF TRUSSES, WARENA, AND TPI. ITH BCG CONNECTION FOR THE AREA CONTROLES AND THE APPLICABLE PROPYISIONS OF THIS (MATIONAL DESIGN SECE, BY ARENA, AND TPI. ITH BCG CONNECTOR PLATES ARE HADE OF 20/18/166A (N.H/SS/N) ASTH A653 GRADE 40/60 (N. K/H.SS) GALV. STEEL IN PRESENTED ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ARMEX A. OF TPII: 2002 SEC. 3. A SEAL ON THIS DRAHMIG INDICATES ACCUMENTATION OF PLATES FOLLOWED BY (I) SHALL BE PER ARMEX A. OF TPII: 2002 SEC. 3. A SEAL ON THIS DRAHMIG INDICATES ACCEPTANCE OF APPOPENSIONAL BE PER ARMEX A. OF TPII: 2002 SEC. 3. A SEAL ON THIS DRAHMIG INDICATES ACCEPTANCE OF APPOPENSIONAL BE PER ARMEX A. OF TPII: 2002 SEC. 3. A SEAL ON THIS DRAHMIG INDICATES ACCEPTANCE OF APPOPENSIONAL BE PER ARMEX A. OF TPII: 2002 SEC. 3. A SEAL ON THIS DRAHMIG INDICATES ACCEPTANCE OF APPOPENSIONAL BE PER ARMEX A. OF TPII: 2002 SEC. 3. A SEAL ON THIS DRAHMIG INDICATES ACCEPTANCE OF APPOPENSIONAL BE PER ARMEX A. OF TPII: 2002 SEC. 3. A SEAL ON THIS DRAHMIG INDICATES ACCEPTANCE OF APPOPENSIONAL BE PER ARMEX A. OF TPII: 2002 SEC. 3. A SEAL ON THIS DRAHMIG INDICATES ACCEPTANCE OF THE SECOND SEC PROPERLY ATTACHED RIGID CEILING 2-0-0-> 2X4(A1) = Design Crit: MD R=574 U=21 W=3.5" * -2-15 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) J10) -10-0-6 Over 3 Supports 9-6-3 1.5X4 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/ $^{\prime}$)=0.18 Wind reactions based on MWFRS pressures -9-6 100t 4 X 4≡ R-277 U-33 R-118 U-42 0TY:3 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-6 8 15-10-7 10-0-0 40.0 10.0 20.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF FROM SEQN-DATE REF JREF -HC-ENG DRW HCUSR8228 07298005 Scale =.375"/Ft. R8228- 31983 1TBW8228Z01 CC/AP 56843 10/25/07

Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc Haines City, FL 33844 FL Certificate of Authorization # 0.278 b chord 2x4 SP t chord 2x4 SP Webs 2x4 SP ALPINE Wave #2 Dense #2 Dense #2 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, AVE YALLUES TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARRECTION, AND ING. SHIPPID. INSTALLING & BRACING OF TRUSSES, TRUSS IN COMPORANCE WITH PRICE ARE MADE OF THE PROPERTY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SHITE 312, ALEXANDRAIA, VA, 223-14) AND HTCA (1400) TRUSS COUNCIL OF AMERICA, 6300 ENTREPRENSE LANE, MANISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFERRHIB THESE FUNCTIONS. UNLESS OPHERMISE INDICATED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES ACCEPTANCE OF PROF DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TP1 I SEC. -2-0-0-Design Crit: 3 X 4 Ⅲ 4×4 **■** 2-6-0 Over 3 Supports R-317 U-10 W-3.5" 12 -2-4-4-TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) EJ2) R-38 U-30 R-13 U-31 Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_{\rm W}=1.00$ GCpi(+/-)=0.55 8-5 10-0-0 CORIO BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF FROM SEQN-DATE REF JREF -HC-ENG DRW HCUSR8228 07298006 Scale = .5"/Ft. R8228-1TBW8228Z01 CC/AP 56869 10/25/07 31984

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization #0.278 chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense ALPINE Wave **IMPORTANT**FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE FO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARRICATION, HANDLING, SHEPPING, INSTALLING A BRACHEW OF TRUSSES, DESIGN COMPORES WITH APPLICABLE PROPYSIONS OF BDS. (MATIONAL DESIGN SEC. B. YA KERA) AND IPI. IF BCG COMMECTOR PLATES ARE MADE OF 20/18/16/6A (H.H/SS/N) ASTM A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. BULGSS OTHERRISE LOCATED ON THIS DESIGN. POSITION OF REDAMBNOS 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FOR RAHEK A3 OF FPIL-2002 SEC. 3. A SEAL ON THIS BUSINESS AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FOR RAHEK A3 OF FPIL-2002 SEC. 3. A SEAL ON THIS BUSINESS AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FOR RAHEK A3 OF FPIL-2002 SEC. 3. A SEAL ON THIS BUSINESS AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FOR RAHEK A3 OF FPIL-2002 SEC. 3. A SEAL ON THIS BUSINESS AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FOR RAHEK A3 OF FPIL-2002 SEC. 3. A SEAL ON THIS BUSINESS AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FOR RAHEK A3 OF FPIL-2002 SEC. 3. A SEAL ON THIS BUSINESS AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FOR RESPONSIBILITY OF THE BESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (CHILDING COMPONENT SAFETY INFORMATION), PHOLISHED IN FIT (FRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (MODO TRUSS COUNCIL ON AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PROBE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE -2-0-0-12 Design Crit: 1-8-8 Over 3 Supports 3 X 4 Ⅲ 4X4 III 1-12-1-6-12-> R=310 U=3 W=3.5" \mathbb{W} ** TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) EJ1) R=-49 U=50 R-38 U-32 2-10-13 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures 10-0-0 7.36.042 CORIDE ATE O BC LL **1 2 2 2 3** TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-40.0 20.0 1.25 10.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298007 Scale =.5"/Ft. R8228- 31985 1TBW8228Z01 CC/AP 56899 10/25/07

Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Left end vertical not exposed to wind pressure. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --Fi Corificate of Authorization #0.278 ITW Building Components Group, Inc. t chord 2x4 SP / Webs 2x4 SP / ALPINE Wave #2 Dense #2 Dense #3 w *** IMPORTANT** "BURNISH A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH REG. INC. SHALL NOT
BE RESONSTRUE FOR ANY DEVIATION FROM HIS DESIGN AND FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH
THE OR FARRICATING. HARDLING. SHIPPING. INSTALLING & BRACHEG OF TRUSSES.

ORSIGN COMPONES, WITH APPLICABLE PROPERSIONS OF HOS (MATCHINGAL DESIGN SPEC), BY AFAPA) AND TPI.
COMMICTION PLATES, ARE MADE OF 20/18/160A, QLIM/SSID, ASTH AGES GRADE 40/500 QL K/M; SSI GALV. STEEL APPLY

COMMICTION PLATES, ARE MADE OF 20/18/160A, QLIM/SSID, ASTH AGES GRADE 40/500 QL K/M; SSI GALV. STEEL APPLY DRAWING INDICATES ACCEPTANCE OF PROF DESIGN SHOWN. THE SUTTABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, JANDLING, SWIPPING, INSTALLING AND BRACING, REFER TO BOSI. (BULLDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY PI (TRUSS PLATE INSTITUTE, 21B MORTH LEE STREET, SUITE 31Z, ALEXANDRIA, VA, 22314) AND WIGA (MORD TRUSS COUNCIL OF AMERICA, 6300 EMIERPRISE LAME, MADISON, MI 5379) FOR SAFETY PRACTICES PRIOR TO PERSONNENT THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING L.5X4 ■ 3X4# R-174 W-3.5" WФ 3-9-1 4-2-2 Over 3 Supports Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 4 X 4 == ** J48) R=46 U=38 R=128 U=40 THIS DESIGN, POSITION PER DRAHINGS 160A-Z
OF TPII-2002 SEC.3. A SEAL ON THIS
NNSIBILITY SOLELY FOR THE TRUSS COMPONENT
ANY BUILDING IS THE RESPONSIBILITY OF THE 6 8 _10-0-0 _15-11-0 Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 CORIDE BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-24.0" 1.25 40.0 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF PSF REF JREF -FROM SEQN-DATE HC-ENG DRW HCUSR8228 07298008 Scale =.375"/Ft. R8228- 31986 1TBW8228Z01 CC/AP 57001 10/25/07

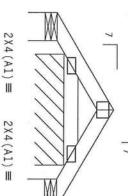
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

110 mph wind, 20.28 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

e DRW HCUSROO1 02086006 for piggyback details. Top chord supporting truss under piggyback to be laterally braced 24" oc, unless specified otherwise.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 0.00 to 63 PLF at 2.00
TC - From 63 PLF at 2.00 to 63 PLF at 4.00
BC - From 4 PLF at 0.00 to 4 PLF at 4.00 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



3 X 4 ≡



1-1-10 1-1-10 $2X4(A1) \equiv$

R=20 U=10 W=6.946" R=20 U=10 W=6.946" R=83 PLF U=23 PLF W=2-3-4 4-0-0 Over 3 Supports →

QTY:12 FL/-/4/-/-/R/-

Scale =.5"/Ft.

R8228- 31987

20.0

PSF

10.0 PSF

DATE REF

10/25/07

BC DL TC DL TC LL

10.0 PSF

DRW HCUSR8228 07298009

PSF PSF

HC-ENG

CC/AP 57181

SEQN-FROM

JREF -

1TBW8228Z01

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, ZIB MORIH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZZ312) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 EXTERPESS LAKE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS OTHERWISE HUBICATED TOP CORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Amborization #0.278 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, NAY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARRICATING, HANDING, SHEPPING, HISTALLING A BRACING OF TRUSSES, DESIGN CONFIDENCE, AND HALLING A BRACING OF TRUSSES, DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFERA) AND TPI. 178 BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H/SS/M) ASIM M653 GRADE 40/60 (M. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION OF BRAWHMGS 160A-Z. ANY INSPECTION OF BLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN SHOULD BE THAN SCORPOURN THE TRUSS CORPORENT DESIGN SHOULD BE SECOND SHOULD BE SECO

ALPINE

ME BC LL DUR.FAC. SPACING TOT.LD. 40.0 1.25 24.0" 0.0

Top chord 2x4 SP + Bot chord 2x4 SP + Webs 2x4 SP + PLT See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise. 110 mph wind, 20.30 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Amborization # 0.278 TYP. ALPINE Wave 2X4(A1) =R=22 U=10 W=6.946" R=70 PLF U=21 PLF W=10-3-4 #2 Dense #2 Dense #3 0-11-14 <11"14¥ **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. THE TRUSS IN COMPORMANCE WITH TPI: OR FARBLEACHING, HANDLING, SHPAPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFEDRIS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEE, BY AURA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (ML-M/SS/K) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. SIEE, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE (DCATED ON THIS DESIGN, POSITION PER DRAWHENS 166A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX A) OF TPII-2002 SEC.3. A SEAL ON THIS BCSIGN SHOUND. THE SHANDLE OF COMPONENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOUND. THE SUITABILITY AND USE OF THIS COMPONENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND STEA, (MODED TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MAJISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHUG THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP COMOD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE BUILDING DESIGNER PER 4X10≢ 占 .5X4 5-1-10 Design Crit: 4-1-12 12-0-0 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) Over PB5) 1.5X4 Ⅲ 8-3-8 ф ф 3 Supports 1.5X4 III -1-12-Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS From From From -- (LUMBER DUR.FAC.=1.25 / PLA From 63 PLF at 0.00 to From 63 PLF at 2.07 to From 63 PLF at 9.93 to From 4 PLF at 0.00 to 4 X 1 0 ₩ 中 0-11-14 <u>^</u>11"14> O/ONAL ENGINES R-22 U-10 W-6.946" 2X4(A1) = QTY:1 PLATE E DUR.FAC.=1.25)
63 PLF at 2.07
63 PLF at 9.93
63 PLF at 12.00
4 PLF at 12.00 19-8°51 BC LL BC DL TC DL TC LL SPACING DUR.FAC TOT.LD. FL/-/4/-/-/R/-10.0 20.0 40.0 1.25 10.0 PSF 24.0" 0.0 PSF PSF PSF PSF JREF-REF FROM DATE SEQN-HC-ENG DRW HCUSR8228 07298010 Scale =.5"/Ft. R8228-1TBW8228Z01 CC/AP 19603 10/25/07 31988 REV

See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise. Bot PLT TYP. 110 mph wind, 21.30 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth --ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Amborization # 0.278 t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP ALPINE Wave R=26 U=33 W=6.946" R=70 PLF U=22 PLF W=10-3-4 #2 Dense #2 Dense #3 $2X4(A1) \equiv$ **▲**1 · 1 · 10 **>** **IMPORTANT** FUNNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROM THIS DESIGNS ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH PICTOR FARESCRIPMG, HANDLING. SHIPPIG, HISTALLING & BRACHING OF TRUSSES, SAYADA AND TPI. THE BESIGN COMPORNS WITH APPLICABLE PROVISIONS OF HOS GRAINGHAED FROM THE SET AFAPA AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/129/160A (H. HYS.YY) ASTIM ASSO GRADE 40/60 (M. KM.SS) GALV. STEEL. AMPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON HIS DESIGN, POSITION PER DRAWHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERIKA 30 F PD1-2002 SCC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABLILTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSI/TPI I SEC. 2. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), HANDLING, SHIPPING, INSTALLING AND BRACING, NORTH LIE STREET, SUITE 112, ALEXANDRIA, VA, 22314) AND HIGH CATCA (MODD TRUSS COUNCIL OF AMERICA. 6300 CHIERREISE LAWE, MADISON, WIL SAY19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE'S TRUCKLED OF THE SAY ALEXANDRIA, VA, 22314) AND HIGH CATCA (MODD TRUSS COUNCIL OF AMERICA. 6300 CHIERREISE LAWE, MADISON, WIL SAY19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE'S TWICTIONS. UNICESS OTHERWISE HOLGCHED FOR HORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGID CELLING. 1.5X4 III 1.5X4 Ⅲ 4-7-10 5-1-10 Design Crit: 4-0-0-12-0-0 ** 3X4≡ 3X4≤ TPI-2002(STD)/FBC Cq/RT=1.00(1.25) Over PB4) 1.5X4 III 0-11-15 贞 ф 3 Supports /0(0) -0-0-4-7-10 In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" 0C, all BC @ 24" 0C. SPECIAL From 6 From From 1.5X4 III 1.5X4 **■** * 中与 **★**1 · 1 · 10 **▼** 63 PLF at 63 PLF at 63 PLF at 4 PLF at OSIONAL ENGINE R DUR.FAC.=1.25 / PLATE E 63 PLF at 0.00 to 63 63 PLF at 5.50 to 63 63 PLF at 6.50 to 63 4 PLF at 0.00 to 4 2X4(A1) = STATE 0 R-26 U-11 W-6.946" TE DUR.FAC.=1.25)
63 PLF at 5.50
63 PLF at 6.50
63 PLF at 12.00
4 PLF at 12.00 BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-10.0 20.0 40.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298011 Scale =.5"/Ft. R8228-1TBW8228Z01 CC/AP 56926 10/25/07 31989

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise. 110 mph wind, 21.44 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 In lieu of rigid ceiling use purlins to brace BC @ 24" OC. (7-303--WADE WILLIS CONSTRUCTION Hollingsworth ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Amborization # 0.278 TYP. ALPINE Wave R-23 U=36 #2 Dense #2 Dense #3 $2X4(A1) \equiv$ =36 W=6.946" R=70 PLF U=22 PLF W=10-3-4 **▲**1 - 1 - 10 **>** **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEGG INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PPI OR FABRICATION, ANADURG. SUPPING, INSTALLING A BRACHING OF TRUSSES, ON THE SECOND TO PARTY OF THE SECOND THE SECON **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE ZIZ, ALEXANDRIA, VA, AZZIJA) AND MICTAC (MOOD TRUSS COUNCIL OF AMERICA, 6300 CHIEGRRISE LORGIC, MODISON, MI 53719) FOR SAFETY PRACTICES PAIGH TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE HOLGATED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. 1.5X4 Ⅲ 1.5X4 Ⅲ 由 d 5-1-10 -5-1-10-Design Crit: 4-0-0-12-0-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) Over PB3) 4×4= \Box 3 Supports .5 X 4 III -0-0-5-1-10 BC - -Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL From 6 From 1.5X4 III 1.5X4 Ⅲ фc **★**1·1·10**×** 63 PLF at 63 PLF at 4 PLF at SONAL ENGINE $2X4(A1) \equiv$ DUR.FAC.=1.25 R=23 U=10 W=6.946" STATE OF =1.25 / PLATE 0.00 to 6 6.00 to 6 0.00 to TE DUR.FAC.=1.25)
63 PLF at 6.00
63 PLF at 12.00
4 PLF at 12.00 BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-10.0 20.0 40.0 1.25 24.0" 10.0 PSF 0.0 PSF PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07298012 Scale =.5"/Ft. R8228-1TBW8228Z01 CC/AP 19606 10/25/07 31990 REV

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PLT TYP.
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ITW Building Components Group, Inc.
Haines City, FL 33844
EL Contificate of Amborization #0.278
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R=69 PLF U=21 PLF W=10-3-4
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                                 **IMPORTANT ** TRUNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BGG, INC. SHALL NOT BE RESPONSING FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PIT: ON FARRICATING, MANDLING, SHEPPING, INSTALLING & BRACITING OF TRUSSES.

DESIGN COMPORTS WITH APPLICABLE PROPERIORS ON SIGN (NATIONAL DESIGN SPEC, BY AFRA) AND IPI. OF THE COMPLETOR PLATES, ARE MADE OF 20,181/1604, MLH/155/PA, 38TH A553 DRANG 40/50 (K. K/H.*S) GRAV. STEEL, APPLY PLATES TO ACHE FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION FOR BRANINGS 160A. A ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ARREX AS OF THIS DESIGN FOR THE TRUSS COMPONENT OF THE TRUSS COMPONE
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CLB WEB BRACE SUBSTITUTION

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

NOTES

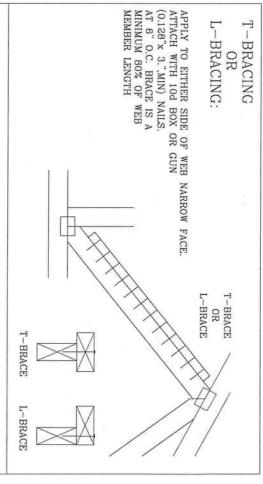
BRACING. THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB

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

2X8 2X8	2X6 2X6	2X3 OR 2X3 OR	WEB MEMBER
		2X4 2X4	MBER
N 1-	№	<i>t</i> 0 ⊢	SPEC
ROWS	ROWS	ROWS	SPECIFIED CLB BRACING
2X6 2X6	2X4 2X6	2X4 2X6	T OR I
8 8	74	(4 (6	ALTERNATIVE BRACING OR L-BRACE SCAB BR
1-2	2-2	1-2X4 2-2X4	E BRACING SCAB BRACE
1-2X8 2-2X6(*)	1-2X6 2-2X4(*)	X4 X4	NG BRACE

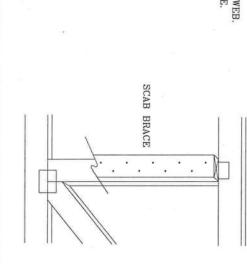
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

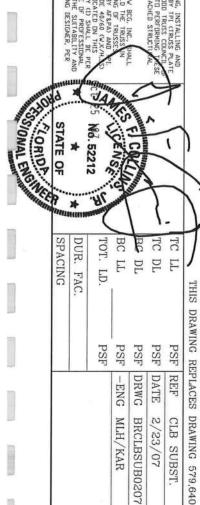
* FACE OF WEB. CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH



SCAB BRACING:

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





PSF PSF PSF PSF

-ENG

MLH/KAR BRCLBSUB0207 PSF

REF

DATE DRWG

> 2/23/07 CLB SUBST.



WARNING TRUSTES REDUIRE EXTREME CARE IN FARRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST GRUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY FIT CIRCUSS PLATINGTUTE. 218 MERTH LEE STR. SUITE 312. ALEXANDRIA, VA. 22343 MID VITA, VOODD TRUSS COUNCID. MACRICA, 4630 ENTERPRISE LN, HADISIN, VI 537199 FID SAFETY PRACTICES PRIDE TO PERFORMING TESTUNCTIONS. UNLESSES OTHER STREET, THE CHOOD SHALL HAVE PROPERLY ATTACHED STRUCTIVAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGHD CEILING.

WHEREPRANTAL FURNISH COPY OF THIS DESIGN TO INSTALLATION CONFRACTOR. THE BIG ING. SHADE RESERVANCE VATH TRIL OR FARM DEVIATION FROM THIS DESIGN, ANY FAILURE TO BRILD THE FRISS.

CONFIDENCIAL VITH TRIL OR FARRECATING HANDLING SUPPING, INSTALLING & BRACKED THE RISSS.

DESIGN CONFIDENCY WITH APPLICABLE PROPUSITING OF AND AND THIS STORES OF THE STORES. AND THIS STORES OF THE STORES OF THIS STORES OF THE STORE

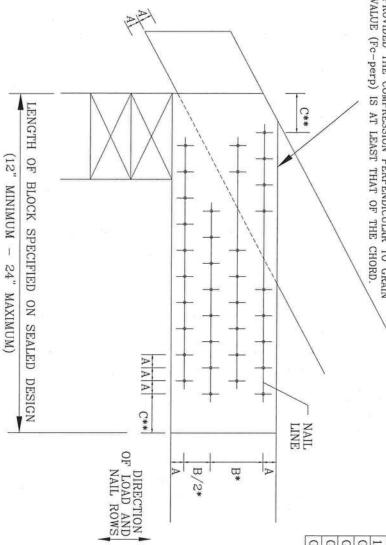
BEARING BLOCK NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- CBA EDGE DISTANCE AND SPACING BETWEEN STAGGERED SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS) END DISTANCE (15 NAIL DIAMETERS) ROWS OF NAILS (6 NAIL DIAMETERS)

H NAIL HOLES ARE PREBORED, SPACING MAY BE REDUCED
 SPACING MAY BE REDUCED), SOME SPACING ID BY 50% ID BY 33% MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (Fc-perp) IS AT LEAST THAT OF THE CHORD.



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

	2X4	2X6	6 1	(6 2X8	-9
8d BOX (0.113"X 2.5",MIN)	w		6	6 9	
10d BOX (0.128"X 3.",MIN)	ω		5	5 7	
12d BOX (0.128"X 3.25", MIN)	ω		ڻ ن	5 7	
16d BOX (0.135"X 3.5", MIN)	ω		5	5 7	~
20d BOX (0.148"X 4.", MIN)	N		4	4 5	4 5 6
8d COMMON (0.131"X 2.5", MIN)	ω		5	5 7	
10d COMMON (0.148"X 3.", MIN)	N		4	4 6	4 6 8
12d COMMON (0.148"X 3.25", MIN)	N		4	4 6	4 6 8
16d COMMON (0.162"X 3.5", MIN)	N		4	4 6	4 6 8
GUN (0.120"X 2.5", MIN)	ယ		6	6 8	6 8 11
GUN (0.131"X 2.5", MIN)	ω		5	5 7	5 7 10
GUN (0.120"X 3.", MIN)	ω		6	6 8	6 8 11
GUN (0.131"X 3.",MIN)	ω	- 10	5	5 7	

MINIMUM NAIL SPACING DISTANCES

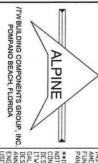
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GUN (0.131"X 3.", MIN)	(0.120"X 3.", MIN)	(0.131"X 2.5", MIN)	GUN (0.120"X 2.5", MIN)	16d COMMON (0.162"X 3.5", MIN)	12d COMMON (0.148"X 3.25", MIN)	10d COMMON (0.148"X 3.", MIN)	8d COMMON (0.131"X 2.5", MIN)	20d BOX (0.148"X 4.", MIN)	16d BOX (0.135"X 3.5", MIN)	(0.1	10d BOX (0.128"X 3.", MIN)	(0.113"X 2.5", MIN)	TYPE	
ω.	3.	2.5	2.5	(0.1	(0.1	(0.1	(0.13	48"X	35"X	(0.128"X 3.25", MIN)	28"X	3"X	(F)	
MIN)	MIN	"MI	, MII	62"X	18"X	48">	1 "X	4.	ω :n	ω.	ω	2.5		
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				5",M	5",N	, MIP	, MIN	=	Z	EN)				
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	8"		/8"	2	/4"	4.		/4"	/8"			4"	*	

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

O'A CAN	STATE OF	*	No. 52212	GE CLOENS OF	100	X	/
				-ENC	DRWG	DATE	REF
				-ENG SJP/KAR	CNBRGBL	2/23/07	BEARING

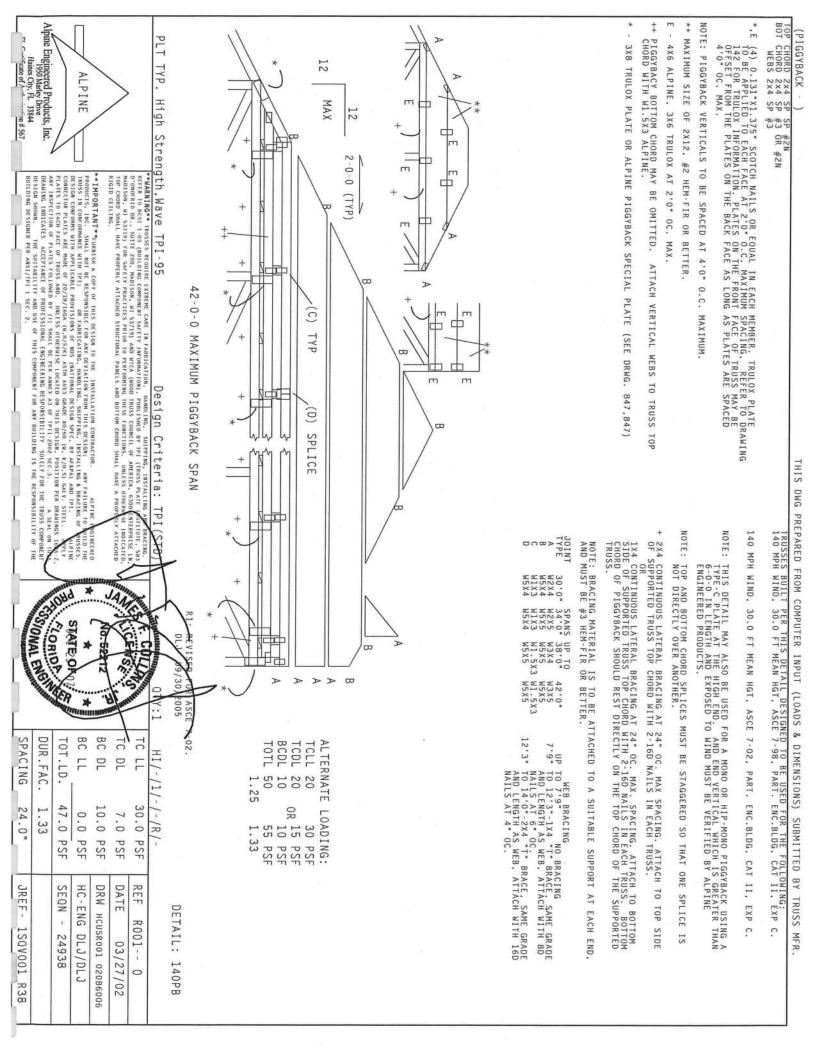
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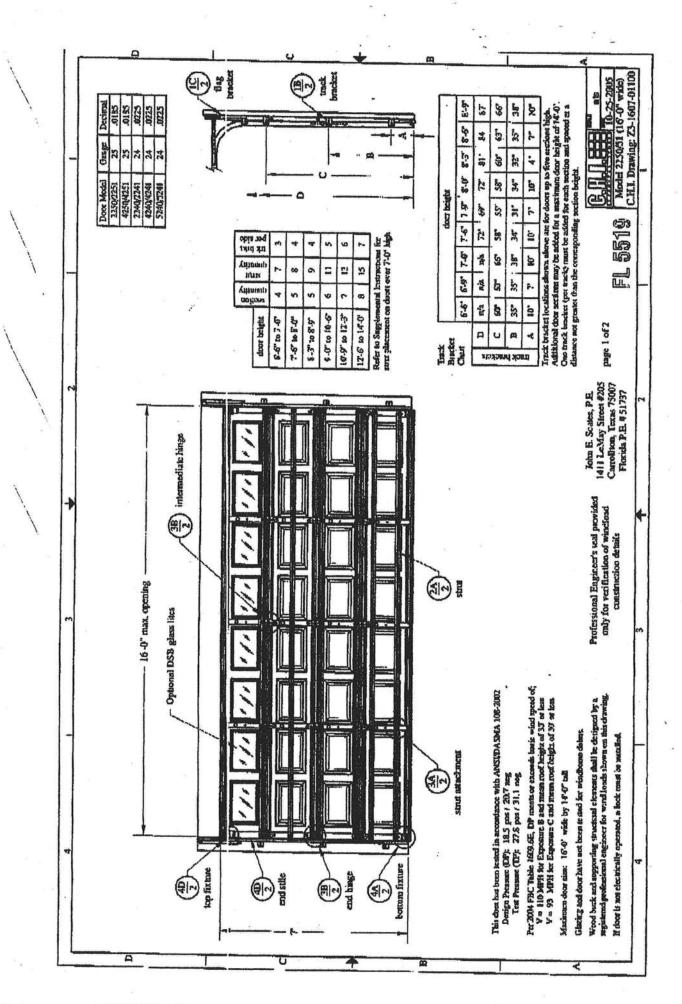
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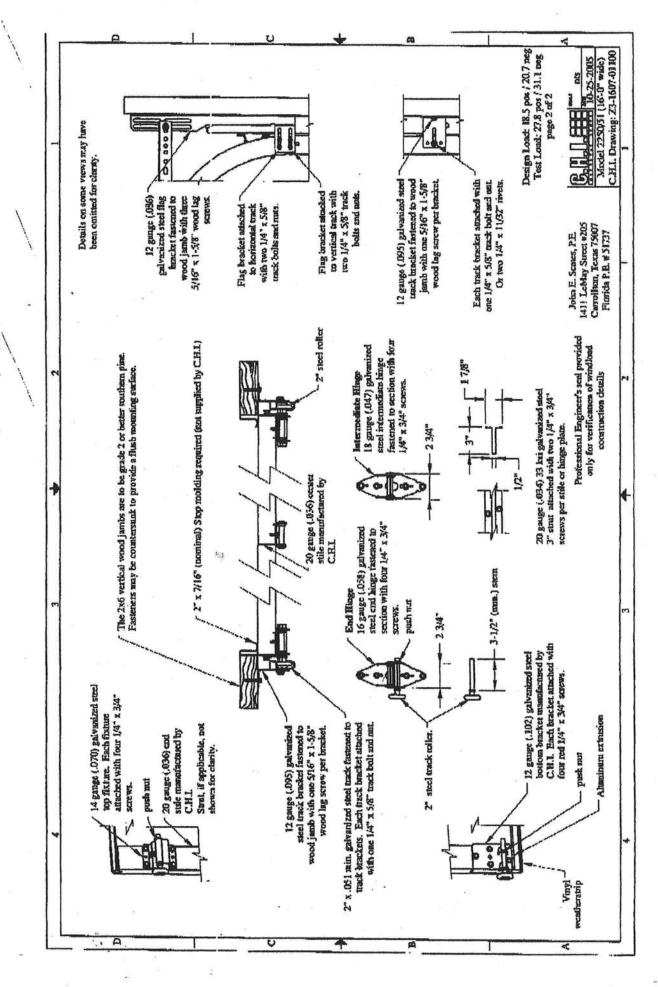


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLI BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY HURRWAITION, POBLISHED BY TPF (TRUS INSTITUTE, 218 NUBFH LEE STR., SUITE 312 ALEXANDRIA, VA. 22314) AND YTCA VOUDD TRUSS OF AMERICA, 4500 ENTERPRISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMI FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHIRD SHALL HAVE PROPERLY ATTACHED RIGHD CEILING.

WHIPDDENANTAM FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITY BCG, IN NOT BE RESOUNDED, ET MANY DEVIANTON FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRY CONFIDENANCE WITH FIFT, DR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACKING THE DESIGN CONFIDENAL SHIPT OF THE PROVISIONS OF NOS CHATTONAL DESIGN SPEC, BY AFEPAN LITY, BCG CONNECTOR PLATES ARE HADE OF EAVISIONS OF NOS CHATTONAL DESIGN STREET, BY AFEPAN LESS OF THE PROVISION OF THE PARTY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON DESIGN, POSITION PER DEAVINGS 160A-2. ANY INSECTION OF PLATES FOLLIUPED BY OTHER ANY SHALLOW OF THE PARTY SHALLOW OF THE PROVISION OF THE PARTY SHALLOW OF THE BUILDING DESIGN UNICE. OF THE BUILDING DESIGN OF THE BUILDING DESIGN ON THE BUILDING DESIGN OF THE PARTY SHALLOW OF THE BUILDING DESIGN ON THE BUILDING DES











HIGH DEFINITION®



Bundle a 120.33 linear feet

RAISED PROFILE®

Prestique Plus High Def and Prestique Gallery	oillor Collection	Raised Profile	
Product size 13 \ 39 \ 39 \ Exposure 5\ 5\ Pleces Bundles 16 Bundles/Square 49 \ 5 \ 5 \ 5 \ 7 \ Exposure 11 Prestique I High Definition	Appear for transferability", 5-year, 15- Smiled wind werrenty". Wind Coverage standard 80 mph, extended 110 mph**	Product size 13% x 38% Exposure 5% Pleces/Bundle 22 Bundles/Square 3/100 sq.ft. Squares/Pallet 16	30-year limited warranty period: 5-77-year limited warranty period: 5-77-year sind application lebor with prorated goverage for remelader of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 70 mph.
Product size 335/x 335/ Exposure 55/ Places/Bundle 15 Bundles/Square 4/96.5 sq.h. Squares/Pellet 16	A0-was limited warranty pariod: 5-71-years non-prorated coverage for shingles and application labor with prorated coverage, for smalnder of limited warranty period, plus an option for transferability. 5-year limited wind warranty. Wind Coverages standard 80 mph, extended 80 mph.**	HIP AND RIDGE SHINGLI Seal-A-Ridge® W/FLX® Size: 12'x 12' Exposure: 6%' Plecos/Bundle: 45 Coverage: 4 Bundles = 100 linear feet	Vented RidgeCrest™ w/FLX Size: 13*x13% Exposure: 9½ Places/Box: 28 Coverage: 5 boxes = 100 linear feet
Product size 33/1/38/C Exposure 5/4 PleosyBundle 22 Bundles/Square 9100 sq.ft. Squares/Pallet 16	30-year limited warranty period: 5-7* Years non-procated coverage for shingles and application labor with prorested coverage for remainder of limited warranty period, plus an option for transferability* 5-year	Elk Starfer Strip 52 Bundles/Fallet 18 Pallets/Truck 936 Bundles/Fruck 19 Places/Bundle	

, Shakewood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birch

Seal of Bidgs, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a

and treatment to lobibit the discoloration of rooting granules caused by the growth of certain types of signs,

All Prestigue and Relead Profile shingles meet UL Wind Resistant (UL 207) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 2018, Type-1: D 3151, Type-1: E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of h

SPECIFICATION

Score: Work includes furnishing all labor, materials, and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name) of color life and ridge type to be Elk Seal A. Bidge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

Papagamos of Roof Deck Roof deck to be dry well-sessoned 1' x 8' (25.4mm x 152.4mm) boards; exterior grade phywood (axposure*) rated sheathing) at least 3's (9.525mm) block conforming to the specifications of the American. Phywood -Association; 3/15' (11)74mm) oriented strendboard; or chipboard, Most fire retardant phywood; decks are NOT approved substrates for Elk enhigites; Consult Elk Field Service; for application specifications over other decks and other slopes.

Moterials: Union sympto, or signification of considering the supply non-perforated No. 15 or 30 asphal-saturated felt undersyment. For Low stopes of per foot (101.6/304.8mm) to a milimum of 2" per foot (50.8/304.8mm)), use two piles of underlayment overlapped a minimum of 19". Fastaners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

for areas where algae is a problem, shingles shall be iname) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions, in these cases, the local code must be followed. Under no olcoumstances will Elk-accept application requirements less than those contained in its application instructions.

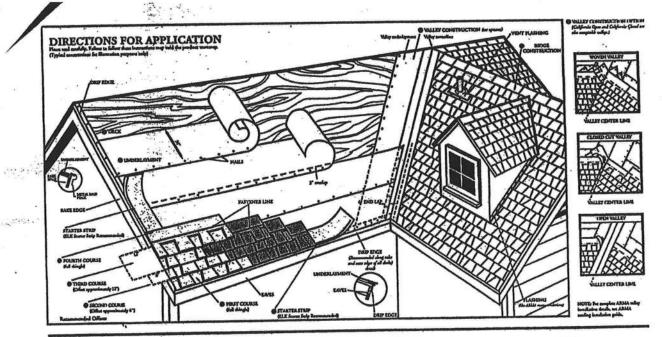
For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specific@elkcorp.com.

SOUTHEAST & ATLANTIC OFFICER 800.945.5551

CORPORATE HEADQUARTERS: 800.354.7732

PLANT LOCATION: 800.945.5545





DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to most EK's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will EK accept paging also requirements that are less than them andicad here. Shipolas mus as recoved. Under no circumstances will Elk accept appli-cation requirements that are less than those pointed here. Shingles should not be lammed tightly together. All attics should be properly vendiated. Note: it is not naccessary to remove tape on back of shingle.

O DECK PREPARATION

Roof decks should be dry, well-sesponed 1"x 8" boards or exterior grade phywood minimum 3/8" thick and conform to the specifications of the American Phywood Association or 7/16" criented strandboard, or 7/16" chipboard.

O UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated feld, Eft Verzashield' or salf adhering underlayment is also acceptable. Cover drip edge at eaves only.

asso acceptable, cores stip one steps only. For low alope(2/12 up to 4/12), completely cover the disck with two plas of underlayment overlapping a minimum of 19°. Begin by fastening a 19° wide strip of underlayment pieced along the eyes. Place a full 35° wide sheet over the starts, horizontally placed along the exves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (W12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the save edge to a point at least 24' beyond the inaide wall of the living space below or one layer of a self-adhered caye and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt ror now zeope (2/12 up to 4/12), use a continuous layer of saphalt plastic cement between the two piles of underlayment from the says adge up roof to a point at least 24° beyond the inside wait of the living space below or one layer of a self-adhered save and flashing membrane.

Consult the Elk Technical Services Department for application apacifications over other decks and other slopes,

O STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3' trimmed from the end of the first shi ture the rake edge overhanging the eard of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2' to 3/4'. Fasten 2' from the lower edge and 1' from each side.

O FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof

@ SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6'. Other offsets are approved if greater than 4'.

O THIRD COURSE

Offset the next course by 6° with respect to the second course, or consistent with the original offset.

Control of the Contro

Start at the rake and continue with full shingles across roof,

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for ascend, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

O VALLEY CONSTRUCTION

Open, waven and closed cut valleys are acceptable when applied open, wuven and crossed our yeasys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For matal valleys, use 35" wide vertical underlayment prior to applying metal flashing (secure edge with nalls). No nails are to be within 6" of valley center.

O RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z'Ridge or Seal-A-Ridge" with formula FLX" or RidgeCrest" with FLX (See ridge package for Installation Instructions). Vented RidgeCrest or 3-tab shingles are also approved.

While nailing is the preferred method for Elk shingles, Elk will accept festening methods according to the following instructions.

Using the fastener line as a reference, sail or staple the shingle in the double thickness common boad area, for shingles without a fastener line, nails or staples must be placed between and/or in the scalant dots.

is the seasant sors.

NAILS: Corresive resistant, 3/8" head, minimum 12-gauge roofing nails: Elk recommends 1-1/4" for new roofs and 1-1/2" for roof-overs. In cases where you are applying shingles to a roof that has an expect overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof. STAPLES: Corrosive resistant, 18-gauge minimum, crown width minimum of 15/15', Note: An improperty adjusted staple gun can result in relied staples that can cause a fish-mouthed appearance and can prevent sealing.

Fastaners should be long enough to obtain 3/4' deck penetration or penetration through deck, whichever is less. This product masts the requirements of the IRC 2003 code when fastaned with

MANSARD APPLICATIONS

Correct festening is critical to the performance of the roof. For slopes exceeding 60' (or 21/12) use six festeners per shingle.
Locate fasteners in the fastener area 1' from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (leminated) area. Only fastening methods, according to the above instructions are acceptable.

LIMITED WIND WARRANTY

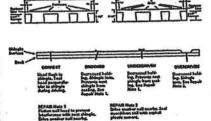
- For a Umited Wind Warranty, all Presidue and Raised Profile^{as} ahingles must be applied with 4 properly placed fasteners, or in the case of manaard applications, 8 properly placed feateners per shingle.
- per shingle.

 For a United Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 8 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT OUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY.

 Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle, Neils or steples must be placed along - and through - the 'fastener line' or products without fastener lines, mail or staple between and in line with sealant dots, CAUTION: Do not use fastener line for placed along the contract of t



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. Prestique and Raised Profile shingles have a U.L. Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.



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NOTICE OF COMMENCEMENT

STATE OF FLORIDA COUNTY OF Columbia

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

- Description of property:
 Lot 55, of EMERALD COVE PHASE 2, according to the Plat thereof, as recorded in Plat Book 8, at Page 68 and 69, of the Public Records of Columbia County, Florida.
- 2. Description of Improvements: Construction of Single Family Residence
- 3. Owner Information:
 - Name and Address: Mary Kathryn Hollingsworth
 310 SW Green Acres Way
 Lake City, FLORIDA 32024

Inst:200812002506 Date:2/8/2008 Time:10:11 AM

DC,P.DeWitt Cason, Columbia County Page 1 of 1

- b. Interest in Property: Fee Simple
- c. Name and Address of Fee Simple Title Holder (if other than Owner)
- 4. Contractor Name and Address: Wade Willis Construction LLC
 PO Box 1546
 Lake City, FL 32056
- 5. Other Contractor(s) Name and Address:

STATE OF FLORIDA, COUNTY OF 1. JMB 1.

I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.

P. DeWITT CASON, CLERK OF COURT?

By Staren League

Date 02-08-2008

6. Surety: N/A

Lender:

Columbia Bank 4785 W. US Highway 90 Lake City, FLORIDA 32055

- Persons within the Sate of Florida designated by Owner upon whom notices or other documents may be served
 as provided by Section 713.13(1)(a) 7., Florida Statutes: N/A
- In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in section 713.13(1)(b), Florida Statutes: N/A
- 10. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified):

Sworn to and subscribed before me this 7th day of February, 2008

Notary Public, State of FLORIDA

At Large

My Commission Expires:_____



GTC Design Group, LLC 176 NW Lake Jeffery Road Lake City, FL 32643 (Phone) 386.719.9985 (Fax) 386.719.8828 cwilliams@gtcdesigngroup.com

Finish Floor Elevation Certification

Contractor:

Wade Willis Construction

Owner:

Robert & Kathryn Hollingsworth

Description:

Emerald Cove - Lot 55

Parcel Number:

33-3S-16-02438-155

For protection against water damage, the minimum finish floor elevation of the proposed structure shall be 12 inches above the existing ground at any point along the perimeter of the proposed structure. Donald F. Lee and Associates verified the "Top of Slab" elevation to be 0.49' above the centerline of adjacent county road which will not increase flood hazards.

The ground around the proposed structure shall be graded such as to convey all stormwater runoff away from the proposed structure.

Chad Williams

P.E. License Number: 63144

February 29, 2008



OCCUPANO

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection
This Certificate of Occupancy is issued to the below named permit holder for the building

accordance with the Columbia County Building Code. and premises at the below named location, and certifies that the work has been completed in

Parcel Number 33-3S-16-02438-155

Building permit No. 000026711

Use Classification SFD/UTILITY

Permit Holder WADE WILLIS

Fire: 19.26

Owner of Building MARY KAY HOLLINGSWORTH

Waste: 50.25 69.51

Total:

Location: 385 SW FIELDSTONE COURT, LAKE CITY, FI

Date: 07/21/2008

Janes .

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)

Notice of Prevention for Subterranean Termites (As required by Florida Building Code (FBC) 104.2.6)



17856 U.S. 129 • McALPIN, FLORIDA 32062 (386) 362-3887 • 1-800-771-3887 • Fax: (386) 364-3529

A PEST CONTROL,	INC. (386) 362-3887 • 1-	800-771-3887 • Fax: (386) 364-3529					
6.000	era Tilan	#26711					
EMERALD	LOVE / MOLLIN	65 WORTH					
	Address of Treatment or Lot/Block of	Treatment					
2/27/08	9:30	JEFF					
Date/	Time	Applicator					
TERMIDOR Product Used	Chemical used (active ingredient)	300 Number of gallons applied					
Percent Concentration	3665	280 Linear feet treated					
Percent Concentration	Area treated (square feet)	Linear feet treated					
HORIZONTAL NEETICAL INITIAL							
Stage of treatment (Horizonte	al, Vertical, Adjoining Slab, retreat of disti	urbed area)					
completed prior to final building	As per 104.2.6 - If soil chemical barrier method for Subterranean termite prevention is used, final exterior treatment shall be completed prior to final building approval. If this notice is for the final exterior treatment, initial and date this line.						
	ing to be extracted by the strategy with the control of the contro						