Ø	Columbia Count	Columbia County Building Permit This Permit Expires One Year From the Date of Issue	PERMIT 000025198
APPLICANT WADE WILLIS	ILLIS	HONE	
ADDRESS	P.O. BOX 1546	LAKE CITY	FL 32056
OWNER WADE WILLIS	ILLIS	PHONE 623-3331	
ADDRESS 305	SW TIMBERLAND COURT	LAKE CITY	FL 32055
CONTRACTOR WAL	WADE WILLIS	PHONE 623-3331	
LOCATION OF PROPERTY		90W, TL ON HEATHRIDGE DRIVE, TR ON TIMBERLAND COURT, 4TH LOT	LOT
	ON LEFT		
TYPE DEVELOPMENT	SFD,UTILITY	ESTIMATED COST OF CONSTRUCTION	93300.00
HEATED FLOOR AREA	1866.00 TOTAL	TOTAL AREA 2575.00 HEIGHT	STORIES 1
FOUNDATION CONC	WALLS FRAMED	ROOF PITCH 8/12 FLOOR	OR SLAB
LAND USE & ZONING	RSF-2	MAX. HEIGHT 24	
Minimum Set Back Requirments:	STREET-FRONT	25.00 REAR 15.00	SIDE 10.00
NO. EX.D.U. 0	FLOOD ZONE X PP	DEVELOPMENT PERMIT NO.	
PARCEL ID 33-3S-16-0243	02438-178 SUBDIVISION	ISION EMERALD COVE	
LOT 78 BLOCK	PHASE UNIT	TOTAL ACRES	
000001249		JM. 11.111	
Culvert Permit No.	Culvert Waiver Contractor's License Number		ontractor
CULVERT Driveway Connection	Septic Tank Number LU &	BK JH LU & Zoning checked by Approved for Issuance	New Resident
COMMENTS: ONE FOOT A	BOVE THE ROAD, NOC ON		
		Check # or Cash	ih 1026
	FOR BUILDING & 20	FOR BUILDING & ZONING DEPARTMENT ONLY	(footer/Slab)
Temporary Power	Foundation	Monolithic	
	date/app. by	date/app. by	date/app. by
Under slab rough-in plumbing		Slab Sheathing/Nailing	ailing
	date/app. by	date/app. by	date/app. by
Framing		Rough-in plumbing above slab and below wood floor	
date/ann hv) H C		datalame his

Columbia County Building Permit Application

CK# 1020

For Office Use Only Application # 0610-85 Date Rece	eived 0/30/4By Permit # 1249/25/98
A second	1104 Plans Examiner OK JTH Date 11-1-06
N MI	Land Use Plan Map Category La DEV.
Comments	
□ NOC WEH W Deed or PA of Site Plan □ State	Road Info Development Permit
(11 (/).//	Fax <u>961 - 9963</u>
Name Authorized Person Signing Permit Wade Willis	Phone <u>623-333</u>
Address	
Owners Name Wade Willis Construction	Phone
911 Address 305 SW Imberland (out	
Contractors Name Wade Willis	Phone <u>623-333</u>
Address PO Box 1546 Lake City FL	32056
Fee Simple Owner Name & Address	
Bonding Co. Name & Address	
Architect/Engineer Name & Address 600 6:11	PO Box 187 Live Oak 32064
Mortgage Lenders Name & Address	
Circle the correct power company FL Power & Light - Clay E	ilec. – <u>Suwannee Valley Elec.</u> – <u>Progressive Energy</u>
	stimated Cost of Construction \$ 130,000
Subdivision Name Emerald Cove	Lot 76 Block Unit Phase 2
Driving Directions 90 West Turn left of	n Heatheider drive, TR on
timberland court, Lot 4798 on left	
Type of Construction <u>new res</u> SFD Nu	mber of Existing Dwellings on Property
Total Acreage	t Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front_50	Side
Total Building Height 24.5 Number of Stories \downarrow He	ated Floor Area 1865 Roof Pitch 8/12
Application is hereby made to obtain a permit to do work and inst	
installation has commenced prior to the issuance of a permit and all laws regulating construction in this jurisdiction.	that all work be performed to meet the standards of
OWNERS AFFIDAVIT: I hereby certify that all the foregoing inform compliance with all applicable laws and regulating construction a	nation is accurate and all work will be done in and zoning.
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTELENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF	ND TO OBTAIN FINANCING, CONSULT WITH YOUR
Sillis	10/1///
Owner Builder or Authorized Person by Notarized Letter	Contractor Signature
STATE OF FLORIDA JUDY JENSEN MY COMMISSION # DD 425040	Contractors License Number <u>USIZ5299</u> Competency Card Number
COUNTY OF COLUMBIA EXPIRES: May 3, 2009 Bonded Thru Notary Public Underwriters	NOTARY STAMP/SEAL
Sworn to (or affirmed) and subscribed before me	
this 36 day of Utober 2006.	July & 10
Personally known or Produced Identification	Notary/Signature (Revised Sept. 2006)

(As required by Florida Building Code (FBC) 104.2.8 25/98 Notice of Prevention for Subterranean Termites

FIVE OAK Abady corner or PEST CONTROL, INC.

(386) 362-3887 • 1-800-771-3887 • Fax: (386) 364-3529 17856 U.S. 129 • McALPIN, FLORIDA 32062 Number of gallons applied Linear feet treated 190 400 THARE WILLIS SOS SUSTIMBERLAND Applicator Address of Treatment or Lot/Block of Treatment Chemical used (active ingredient) Area treated (square feet) JEETICAL 00:1 Time FRM, DOR Percent Concentration 171 Nab Product Used 00. Date

Stage of treatment (Horizontal, Vertical, Adjoining Slab, retreat of disturbed area) 40E 1702 74C

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.

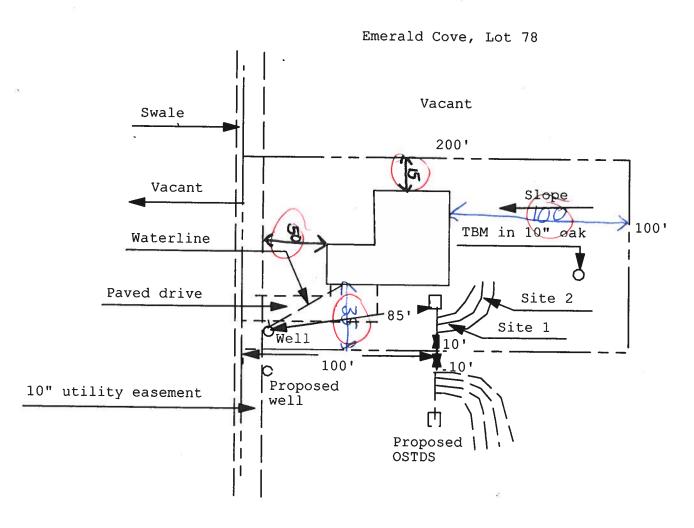
If this notice is for the final exterior treatment, initial and date this line.

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

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

WILLIS/CR 06-3745





		1 inch = 50 feet
Site Plan Submitted By Plan Approved Not Approved	Date	Date
Ву	611	СРНИ
Notes:		
•	3	

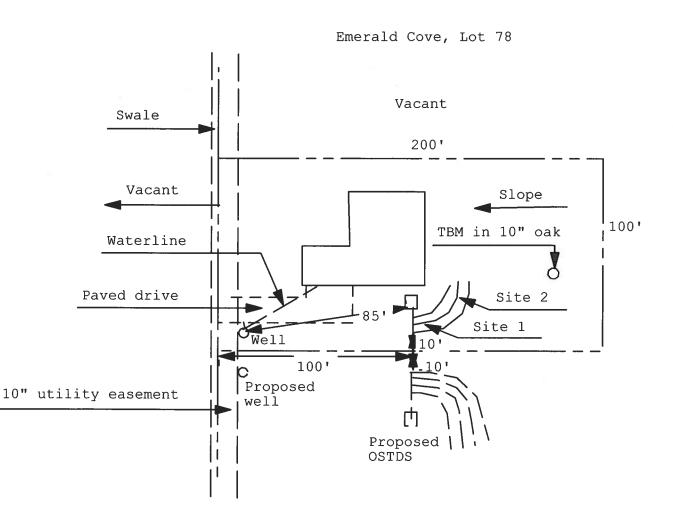
APPROVAL NEXT PAGE

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

WILLIS/CR 06-3745





	1 inch = 50 feet
Site Plan Submitted By	Date /0/16/06
By Mm & 21	Columbia CPHU
Notes:	

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, PL 32056-1328

Property Appraiser's Identification Number Ro2437-000

TM File No: 06-16



WARRANTY DIED

This Warranty Deed, made this grade cay of February, 2006, BETWEEN D D P CORPORATION, a Florida corporation, whose post office address is 4158 US Highway 90 West, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantor*, and Michael S. Logan, Jr. and Wade Willis, each as to an undivided one-half interest, whose post office address is 1029 SW Rossbourgh Court, Lake City, Florida 32025, grantee*.

(Whenever used herein the terms "grantor" and 'grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 78, Emerald Cove, Phase 2, a subdivision according to the plat thereof recorded in Plat Book 8, Pages 68-69, public records, Columbia County, Florida.

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

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

Inst:2006004508 Date:02/2:1/2006 Time: 14:33
Doc Stamp-Deed: 315.00
Dc,P.DeWitt Cuson,Co'umbia County B:1075 P:393

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: JUC-WADE WILLIS MODEL Address: City, State: , Owner: Climate Zone: North	Builder: Ju Permitting Office: Permit Number: Jurisdiction Number:	JC
1. New construction or existing New	12. Cooling systems	
Single family or multi-family Single family Number of units if multi-family	a. N/A	
4 Number of Bullion		
5 T-41'	b. N/A	
Control of the second s		
6. Conditioned floor area (ft²) 1866 ft²	c. N/A	
7. Glass type 1 and area: (Label reqd. by 13-104.4.5 if not default)		
a. U-factor: Description Area	13. Heating systems	
(or Single or Double DEFAULT) 7a. (Dble Default) 232.0 ft ² b. SHGC:	a. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear) 232.0 ft ²	b. N/A	
a. Slab-On-Grade Edge Insulation R=19.0, 225.3(p) ft	c. N/A	
c. N/A	14 Hot water systems	
9. Wall types	14. Hot water systems a. Electric Resistance	
a. Frame, Wood, Exterior R=19.0, 1437.0 ft ²	a. Electric Resistance	Cap: 40.0 gallons
b. Face Brick, Wood, Exterior R=19.0, 645.0 ft ²	b. N/A	EF: 0.97
c. N/A	b. N/A	
d. N/A	c. Conservation credits	14 THE RES
e. N/A		
10. Ceiling types	(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
a. Under Attic R=30.0, 1866.0 ft ²	15. HVAC credits	
b. N/A	(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A	HF-Whole house fan,	
11. Ducts	PT-Programmable Thermostat,	
a. N/A	MZ-C-Multizone cooling,	
b. N/A	MZ-H-Multizone heating)	
	M2 11-Multizone heating)	
Glass/Floor Area: 0.12 Total as-built p	HE SEE THE SECOND SECON	
Total base p hereby certify that the plans and specifications covered by	oints: 29526 PASS Review of the plans and	

this calculation are in compliance with the Florida Energy

PREPARED BY:

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

OWNER/AGENT:

DATE:

specifications covered by this calculation indicates compliance with the Florida Energy Code.

Before construction is completed this building will be inspected for compliance with Section 553,908

Florida Statutes.

BUILDING OFFICIAL:

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCPB v4.21)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: JUC-WADE WILLIS Address: City, State: , Owner: Climate Zone: North	S MODEL	Builder: Permitting Office: Permit Number: Jurisdiction Number:	JUC
New construction or existing		2. Cooling systems	
 Single family or multi-family Number of units, if multi-family 	Single family 1	a. N/A	
4. Number of Bedrooms5. Is this a worst case?	3	b. N/A	
 Conditioned floor area (ft²) Glass type ¹ and area: (Label reqd. by 13-104. 	1866 ft²	c. N/A	
a. U-factor: Description Description (or Single or Double DEFAULT) 7a. (Dble I	ription Area I	Heating systems N/A	
b. SHGC:	(Clear) 232.0 ft ²	b. N/A	
	=19.0, 225.3(p) ft	c. N/A	
c. N/A . Wall types	_ 14	4. Hot water systems	
a. Frame, Wood, Exterior	=19.0, 1437.0 ft ²	a. Electric Resistance	Cap: 40.0 gallons EF: 0.97
c. N/A	R=19.0, 645.0 ft ²	b. N/A	
d. Ņ/A e. N/A		c. Conservation credits (HR-Heat recovery, Solar	
O. Ceiling types a. Under Attic	-20.0 1066.0 02	DHP-Dedicated heat pump)	
b. N/A	=30.0, 1866.0 ft ² 15	 HVAC credits (CF-Ceiling fan, CV-Cross ventilation, 	
c. N/A . Ducts		HF-Whole house fan, PT-Programmable Thermostat,	
a. N/A b. N/A		MZ-C-Multizone cooling, MZ-H-Multizone heating)	
		Manazone neuting)	

Total base points: 29526

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

PREPARED BY: DATE:

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

OWNER/AGENT: DATE:

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

BUILDING OFFICIAL:

DATE:

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCPB v4.21)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE	AS-BUILT								
GLASS TYPES		49.77							
.18 X Conditioned X BSPM = Points			erhang						
Floor Area	Type/SC	Ornt	Len	Hgt	Area X	SPI	VI X	SOF	= Points
.18 1866.0 20.04 6731.0	Double, Clear	W	1.0	9.0	60.0	38.	52	0.99	2299.5
별로하고, 그림으로 하다 모르는 경기 모았다.	Double, Clear	W	1.0	9.0	16.0	38.5	52	0.99	613.2
그리아 그런 보이라고 그리 중하네요 다.	Double, Clear	N	1.0	9.0	60.0	19.2	20	0.99	1144.5
현실의 마음을 하는 아무리 모든 보일보다고 있다고 않는	Double, Clear	E	1.0	9.0	36.0	42.0)6	0.99	1505.3
	Double, Clear	E	1.0	11.0	36.0	42.0	6	1.00	1507.0
[일 17] 보이 바다 가는 그런	Double, Clear	E	1.0	9.0	12.0	42.0	16	0.99	501.8
	Double, Clear	S	1.0	9.0	12.0	35.8	7	0.99	426.0
	As-Built Total:				232.0				7997.3
WALL TYPES Area X BSPM = Points	Туре	3.	R-	-Value	e Area	Х	SPN	=	Points
Adjacent 0.0 0.00 0.0	Frame, Wood, Exterior		3112	19.0	1437.0		0.90		1293.3
Exterior 2082.0 1.70 3539.4				19.0	645.0		0.20		1293.3
Base Total: 2082.0 3539.4	As-Built Total:	8. 0	ZF S		2082.0		11 44		1422.3
DOOR TYPES Area X BSPM = Points	Туре				Area	Х	SPM	=	Points
Adjacent 0.0 0.00 0.0	Exterior Wood		9 3.	. p. 5	57.0		6.10	41 -	347.7
Exterior 114.8 4.10 470.8	Exterior Wood				40.0		6.10		244.1
	Exterior Wood				17.8		6.10		108.6
Base Total: 114.8 470.8	As-Built Total:				114.8				700.5
CEILING TYPES Area X BSPM = Points	Туре	F	R-Valu	e A	Area X S	PM :	X SC	M =	Points
Under Attic 1866.0 1.73 3228.2	Under Attic			30.0	1866.0 1.	73 X	1.00	·	3228.2
Base Total: 1866.0 3228.2	As-Built Total:				1866.0				3228.2
FLOOR TYPES Area X BSPM = Points	Туре		R-\	/alue	Area	X	SPM	1	Points
Slab 225.3(p) -37.0 -8337.2	Slab-On-Grade Edge Insulation	1417	1 65 1	9.0 2	225.3(p	-3	5.70	1907	-8044.3
Raised 0.0 0.00 0.0									30,1.0
Base Total: -8337.2	As-Built Total:				225.3		Applie P		-8044.3
INFILTRATION Area X BSPM = Points					Area	x s	SPM		Points
1866.0 10.21 19051.9					1866.0		0.21	6:21	19051.9

SUMMER CALCULATIONS

ADDDEGO	
ADDRESS: , , ,	PERMIT #:

BASE		AS-BUILT					
Summer Base Points: 246	84.1	Summer As-Built Points:	24355.8				
	Cooling Points	Total X Cap X Duct X System X Credit Component Ratio Multiplier Multiplier (System - Points) (DM x DSM x AHU)	= Cooling Points				
24684.1 0.4266	10530.2	24355.8 1.00 1.000 0.407 1.000	9923.8				

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

	BASI			AS-BUILT								
GLASS TYPE .18 X Condit Floor	tioned X E	BWPM =	Points	Type/SC	Ove Ornt	erhang Len		Area X	WPN	ΛX	WOI	= Points
.18 186	66.0	12.74	4279.1	Double, Clear	W	1.0	9.0	60.0	20.73		1.00	1245.8
				Double, Clear	W	1.0	9.0	16.0	20.73		1.00	332.2
				Double, Clear	N	1.0	9.0	60.0	24.58		1.00	1474.3
St. 102/ 2/10.				Double, Clear	Е	1.0	9.0	36.0	18.79		1.01	681.2
Was the state of				Double, Clear	Е	1.0	11.0	36.0	18.79		1.01	680.4
				Double, Clear	E	1.0	9.0	12.0	18.79		1.01	227.1
				Double, Clear	S	1.0	9.0	12.0	13.30		0.99	158.6
				As-Built Total:		4 6 5		232.0				4799.5
WALL TYPES	Area X	BWPM	= Points	Туре		R-	Value	Area	x v	VPM	=	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	7. W	Iq.	19.0	1437.0	101	2.20		3161.4
Exterior	2082.0	3.70	7703.4	Face Brick, Wood, Exterior			19.0	645.0		.20		1419.0
Base Total:	2082.0		7703.4	As-Built Total:				2082.0				4580.4
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	X W	/PM		Points
Adjacent	0.0	0.00	0.0	Exterior Wood	N.P	- 8-1	F w	57.0	12	.30	11.53	701.4
Exterior	114.8	8.40	964.6	Exterior Wood				40.0		.30		701.1
				Exterior Wood				17.8		.30		492.2
								17.0	- 15	.50		219.1
Base Total:	114.8		964.6	As-Built Total:			yi w	114.8				1412.4
CEILING TYPE	S Area X	BWPM =	= Points	Туре	R-	Value	Are	ea X WF	MX	VCI	√I =	Points
Under Attic	1866.0	2.05	3825.3	Under Attic		3	0.0	1866.0 2.	05 X 1.	00		3825.3
Base Total:	1866.0		3825.3	As-Built Total:				1866.0				3825.3
FLOOR TYPES	Area X	BWPM =	Points	Туре		R-V	/alue	Area	x w	PM	=	Points
Slab Raised	225.3(p) 0.0	8.9 0.00	2005.4	Slab-On-Grade Edge Insulatio	n	1	9.0 2	25.3(p	7.0	00		1577.3
Base Total:			2005.4	As-Built Total:				225.3				1577.3
NFILTRATION	Area X	BWPM =	Points					Area X	W	PM	=	Points
	1866.0	-0.59	-1100.9					1866.0	-0.	59		1100.9

WINTER CALCULATIONS

ADDRESS: , , ,	PERMIT #:

ВА	SE	AS-BUILT	
Winter Base Poir	nts: 1767	9 Winter As-Built Points:	5094.0
Total Winter X Syst Points Mul	tem = Heating tiplier Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Heating Points
17676.9 0.	6274 11090	5 15094.0 1.00 1.000 0.590 1.000	8900.4

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

	BASE			AS-BUILT			181.91			
WATER HEA Number of Bedrooms	ATING X Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	x	Tank X	Multiplier >	X Credit = Multiplier	Total
3	2635.00	7905.0		0.97	3		1.00	2499.18	1.00	7497.
		ms Table 10.	As-Built To	otal:						7497.

		CODE	COMPLI	ANCE S	TATUS	3	
	BASE					AS-BUILT	
Cooling Points	+ Heating + Points	Hot Water Points	= Total Points	Cooling -	Heating Points	+ Hot Water Points	= Total Points
10530	11090	7905	29526	9924	8900	7498	26322

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
	LIXIVIT #:

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.	OHLON
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	Su ^M e
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	7 6 6
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	UNLOK
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	27
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

HALL'S PUMP & WELL SERVICE, INC.

I IMLL

SPECIALIZING IN 4"-8" WIELLS



DONALD AND MARY HALL OWNERS

June 12, 2002 .

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity disphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller disphram 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 vou

onald D. Hall

DDH/jk

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Emerald Cove Phase 2 Address Assignments:

243 SW Woodleaf Ct 263 SW Woodleaf Ct 285 SW Woodleaf Ct 303 SW Woodleaf Ct 323 SW Woodleaf Ct 345 SW Woodleaf Ct 361 SW Woodleaf Ct 369 SW Woodleaf Ct

ADDRESS:

LOT#:

302 SW Timberland Ct 280 SW Timberland Ct 262 SW Timberland Ct 242 SW Timberland Ct	243 L0T24 263 L0T25 285 L0T26 303 L0T27 323 L0T29 345 L0T29 364 369
89 91 92	222 3 222 3 222 3 3 3 3 3 3 3 3 3 3 3 3
LOT#: ADDRESS: 85 386 SW Timberland Ct 86 366 SW Timberland Ct 87 346 SW Timberland Ct 88 322 SW Timberland Ct	51 220 239 239 239 239 250
#: ADDRESS: 367 SW Timberland Ct 387 SW Timberland Ct 395 SW Timberland Ct 394 SW Timberland Ct	01922 019280 019280 1188 322 346 346 347 366 866 866 367 866 866 866 866 866 866 866 8
10 <u>1#:</u> 81 83 84	38 01 01 01 01 01 01 01 01 01 01 01 01 01

331 SW Fieldstone Ct 359 SW Fieldstone Ct 377 SW Fieldstone Ct 385 SW Fieldstone Ct 376 SW Fieldstone Ct

221 SW Fieldstone Ct 239 SW Fieldstone Ct 265 SW Fieldstone Ct 301 SW Fieldstone Ct

36

35

368 SW Woodleaf Ct 360 SW Woodleaf Ct 336 SW Woodleaf Ct 306 SW Woodleaf Ct 282 SW Woodleaf Ct 254 SW Woodleaf Ct 222 SW Woodleaf Ct

33 33 34 34

364 SW Fieldstone Ct 344 SW Fieldstone Ct 328 SW Fieldstone Ct 310 SW Fieldstone Ct 290 SW Fieldstone Ct 264 SW Fieldstone Ct 238 SW Fieldstone Ct 220 SW Fieldstone Ct

285 SW Timberland Ct 305 SW Timberland Ct 325 SW Timberland Ct

SW Timberland Ct

251 SW Timberland Ct 267 SW Timberland Ct

Columbia County Building Department Culvert Permit

Culvert Permit No. 000001249

DATE $11/03$	3/2006	PARCEL ID #	33-3S-16-02438-178		
APPLICANT	WADE WILLIS	****	PHONE 6	23-3331	
ADDRESS _	P.O. BOX 1546		LAKE CITY	FL	32056
OWNER WA	ADE WILLIS		PHONE 62	23-3331	
ADDRESS 30	5 SW TIMBERLAN	D COURT	LAKE CITY	FL	32055
CONTRACTO	R WADE WILLIS	***************************************	PHONE 62	23-3331	
LOCATION OF ON LEFT	PROPERTY 90W	, TL ON HEATHRIDGE	DRIVE, TR ON TIMBERLAI	ND COURT, 4TH	LOT
SUBDIVISION/	/LOT/BLOCK/PHAS	SE/UNIT EMERALE	COVE	78	
SIGNATURE -	Much	700		7.	
X	Culvert size will be	oth ends will be mite	Seter with a total lenght of 3 red 4 foot with a 4:1 slop		
	a) a majority of t b) the driveway t Turnouts shall concrete or pay	he current and existing to be served will be public be concrete or paved	Il be required as follows: ng driveway turnouts are paved or formed with cond I a minimum of 12 feet with ever is greater. The width eted turnouts.	crete. ide or the width	n of the to the
	Culvert installation	shall conform to the	e approved site plan stand	ards.	
	Department of Trai	nsportation Permit in	stallation approved stand	ards.	
	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



OTICE OF COMMENCEMENT FORM **OLUMBIA COUNTY, FLORIDA**

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

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

Emerated Cove 305 SW Timber!	and C+ Lake City Fl 3205
	Inst:2006026243 Date:11/03/2006 Time:16:32
	DC,P.DeWitt Cason Columbia County P. 4404
eneral description of Improvement: <u>New re</u>	
wner Name & Address Wade Willis Co	
Wher Name & Address Walk W. III'S (0	astaction
Isma B. Address of Fac Simple Owner III other than	Interest in Property
	wner):
Contractor Name Wade Willis	Phone Name
Address PO Box 1546 Lake Ci	Phone Number
Surety Holders Name	Phone Number 386-623-3331
Address	300-623-3331
Amount of Bond	(t)
Lender Name	Phone Number
Address	
Persons within the State of Florida designated by the	Owner upon whom notices or other documents may be
Name	Phone Number
Address	
in addition to unuseinnerselt file owner designates	
11 11 An management and a	
to receive a cop	ry of the Lienor's Notice as provided in Section 713.13 (1
(a) 7. Phone Number of the designee	•
(a) 7. Phone Number of the designee Expiration date of the Notice of Commencement (the	•
(a) 7. Phone Number of the designee	•
(a) 7. Phone Number of the designee Expiration date of the Notice of Commencement (the (Unless a different date is specified)	•
(a) 7. Phone Number of the designee Expiration date of the Notice of Commencement (the (Unless a different date is specified)	e expiration date is 1 (one) year from the date of recordin
(a) 7. Phone Number of the designee Expiration date of the Notice of Commencement (the (Unless a different date is specified)	e expiration date is 1 (one) year from the date of recording to the date of the date o
(a) 7. Phone Number of the designee Expiration date of the Notice of Commencement (the (Unless a different date is specified)	e expiration date is 1 (one) year from the date of recording no one else may be permitted to sign in his/her stead. Sworn to (or affirmed) and subscribed before
(a) 7. Phone Number of the designee (b) Commencement (the last of the Notice of Commencement (the last of the	e expiration date is 1 (one) year from the date of recording
(a) 7. Phone Number of the designee D. Expiration date of the Notice of Commencement (the (Unless a different date is specified)	e expiration date is 1 (one) year from the date of recording no one else may be permitted to sign in his/her stead. Sworn to (or affirmed) and subscribed before the office of the offi

Signature

JUDY JENSEN MY COMMISSION # DD 425040 EXPIRES: May 3, 2009
Bonded Thru Notary Public Underwriters



From: The Columbia County Building & Zoning Department

Plan Review

135 NE Hernando Av.

P.O. Box 1529

Lake City Florida 32056-1529

Reference to a building permit application Number: 0610-85

Applicant Wade Willis, contractor Wade Willis Owners, Wade Willis Property ID 33-3s-16-02438-178

On the date of October 30, 2006 application 0610-85 and plans for construction of single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

<u>Please include application number 0610-85 and when making</u> reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

- 1. Please show on the plans the location of attic access. If pull down stair are installed in the garage ceiling. The stair device shall comply with sections R309.1 and R309.2 of the Florida Residential Building Code which requires that the garage shall be separated from the residence. Openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute firerated doors. If attic access is from the garage provide the product information from the pull down stairs manufacture which verifies compliance with these codes requirement.
- 2. The plans show the placement of an air handling unit in the garage within a mechanical closet. Section R309.1.1 of the Florida Residential Building Code requires that ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage. An approved method would be to provide 1 3/8 inches (35 mm) inch thickness, solid or honeycomb core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire-rated doors for the opening which provides access to the mechanical closet from the garage. Please indicate on the plans which compliance method will be used.
- The entry door from the garage into the residence is required by sections R309.1 of the Florida Residential Building Code to be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 1 and 3/8 inches (35 mm) thick, or 20-minute fire-rated doors. Please verify on the plans compliance of this code requirement.
 - **4.** The garage has a sixteen foot opening for an overhead door. A garage header attachment detail is show on the plans, Please have Mr. Gill engineer the required header for this opening which will support of the truss system.

- 5. The window in the master bath spa/tub wall will be required to comply with sections with the section R308.4 Florida Residential Building Code Hazardous locations: Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a <u>building wall</u> enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface. Each pane of glazing installed in hazardous locations as defined in Section R308.4 shall be provided with a manufacturer's or installer's label, designating the type and thickness of glass and the safety glazing standard with which it complies, which is visible in the final installation. The label shall be acid etched, sandblasted, ceramic-fired, embossed mark, or shall be of a type which once applied cannot be removed without being destroyed.
- **6.** The electrical panel is show to be located within the garage area, verify compliance with the following requirements of the National Electrical Code. A means of disconnect that provides overcurrent protection shall be installed on the exterior of structures to serve as a disconnecting means from the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

Thank You:

Joe Haltiwanger Plan Examiner

Columbia County Building

Department



GTC Design Group, LLC P.O. Box 187 Live Oak, FL 32064 (Phone) 386.362.3678 (Fax) 386.362.6133 ggill@gtcdesigngroup.com

November 1, 2006

Joe Haltiwanger 135 NE Hernando Avenue P. O. Box 1529 Lake City, Florida 32056-1529

SUBJECT: Wade Willis Model House #3

Joe,

The garage header for the abovementioned project shall be Trus-Joist Microllam LVL 3 ½"x 11 7/8".

If you have any questions or require additional information, please contact me at your convenience.

Thank you

Gary Gill, P.E. #51942 Project, Manager

riojęci wana



STRUCTURAL CALCULATIONS

For Wade Willis Construction Model Home #3

Gary Gill, P.E. 51942 P.O. Box 187 130 West Howard Street Live Oak, FL 32064 Ph. (386) 362-3678 Fax (386) 362-6133 AUTH # 9461

Detailed Wind Load Design (Method 2) per ASCE 7-02

Analysis by: Gary Gill Company Name: GTC Design Group
Description: Wade Willis Model #3

User Input Data					
Structure Type	Building				
Basic Wind Speed (V)	110	mph			
Struc Category (I, II, III, or IV	III	vin st t			
Exposure (B, C, or D)	В	15.72			
Struc Nat Frequency (n1)	to 2,10 %	Hz			
Slope of Roof	8.0	:12			
Slope of Roof (Theta)	33.7	Deg			
Type of Roof	Hipped				
Kd (Directonality Factor)	0.85				
Eave Height (Eht)	13.00	ft			
Ridge Height (RHt)	23.00	ft			
Mean Roof Height (Ht)	23.00	ft			
Width Perp. To Wind Dir (B)	53.00	ft			
Width Paral. To Wind Dir (L)	60.00	ft			

Calculated Parameter	rs
Type of Structure	
Height/Least Horizontal Dim	0.43
Flexible Structure	No

Calculated	Parameters	3
Importance Factor	1.15	
Hurricane Prone R	egion (V>100 r	nph)
	2 Values	
Alpha =	7.000	
zg =	1200.000	
		200
At =	0.143	
Bt =	0.143	
Bt =		
At = Bt = Bm = Cc =	0.840	
Bt = Bm =	0.840 0.450 0.300	
Bt = Bm =	0.840 0.450	

CONTRACTOR SOCIAL	Gust Factor Category I: Rigid Structures - Simplified Method	
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85
Mark 1	Gust Factor Category II: Rigid Structures - Complete Analysis	TO A THE STATE OF
Zm	Zmin	30.00
izm	Cc * (33/z)^0.167	0.3048
Lzm	I*(zm/33)^Epsilon	309.99
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.8909
Gust2	0.925*((1+1.7*lzm*3.4*Q)/(1+1.7*3.4*lzm))	0.8606
	Gust Factor Summary	ADDITION OF THE PARTY
G	Since this is not a flexible structure the lessor of Gust1 or Gust2 are used	0.85

Fig 6-5 Internal Pressure Coefficients for Buildings, Gcpi

Condition	G	pi	
	Max +	Max -	
Open Buildings	0.00	0.00	
Partially Enclosed Buildings	0.55	-0.55	
Enclosed Buildings	0.18	-0.18	
Enclosed Buildings	0.18	-0.18	

Detailed Wind Load Design (Method 2) per ASCE 7-02

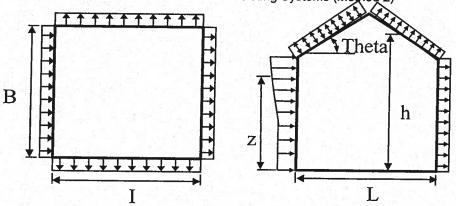
6.5.12.2.1 Design Wind Pressure - Buildings of All Heights

Elev	Kz	Kzt	qz	11-12 11-	Pro	essure (lb/ft	^2)	L A CENTLI	10 44	
		Same of	指作。马 曼	Windwa	rd Wall*	Leewa	rd Wall	Total	Shear	Moment
ft			lb/ft^2	+GCpi	-GCpi	+GCpi	-GCpi	+/-Gcpi	(Kip)	(Kip-ft)
23	0.65	1.00	19.66	9.83	16.91	-11.45	-4.38	21.29	3.38	5.08
20	0.62	1.00	18.89	9.31	16.39	-11.45	-4.38	20.76	8.89	23.91
15	0.57	1.00	17.40	8.29	15.37	-11.45	-4.38	19.75	24.59	

Note: 1) Positive forces act toward the face and Negative forces act away from the face.

Figure 6-6 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems (Method 2)



Variable	Formula	Value	Units
Kh	2.01*(Ht/zg)^(2/Alpha)	0.65	78 1 V
Kht	Topographic factor (Fig 6-4)	1.00	
Qh	.00256*(V)^2*I*Kh*Kht*Kd	19.66	psf
Khcc	Comp & Clad: Table 6-3 Case 1	0.70	1.000
	.00256*V^2*I*Khcc*Kht*Kd	21.21	psf

Wall Pressure Coefficients, Cp	
Surface	Ср
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.8

	Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)		
Reduction Factor		1.00

Calculations for Wind Normal to 53 ft Face	Ср	Pressur	e (psf)
Additional Runs may be reg'd for other wind directions		+GCpi	-GCpi
Leeward Walls (Wind Dir Normal to 53 ft wall)	-0.47	-11.45	-4.38
Leeward Walls (Wind Dir Normal to 60 ft wall)	-0.50	-11.90	-4.82
Side Walls	-0.70	-15.24	-8.16
Roof - Wind Normal to Ridge (Theta>=10) -	for Wind Norr	nal to 53 ft fa	ce
Windward - Min Cp	-0.13	-5.73	1.35
Windward - Max Cp	0.32	1.82	8.90
Leeward Normal to Ridge	-0.60	-13.57	-6.49
Overhang Top (Windward)	-0.13	-2.19	-2.19

Detailed Wind Load Design (Method 2) per ASCE 7-02

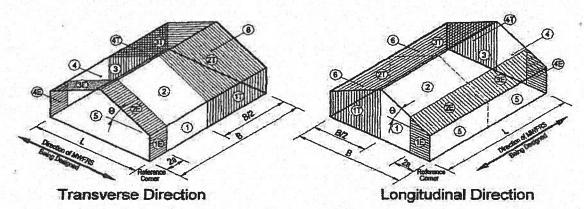
Overhang Top (Leeward)	-0.60	-10.03	-10.03
Overhang Bottom (Applicable on Windward only)	0.80	11.83	11.83
Roof - Wind Parallel to Ridge (All Theta) - for	r Wind Norma	al to 60 ft face	е
Dist from Windward Edge: 0 ft to 46 ft - Max Cp	-0.18	-6.55	0.53
Dist from Windward Edge: 0 ft to 11.5 ft - Min Cp	-0.90	-18.58	-11.50
Dist from Windward Edge: 11.5 ft to 23 ft - Min Cp	-0.90	-18.58	-11.50
Dist from Windward Edge: 23 ft to 46 ft - Min Cp	-0.50	-11.90	-4.82
Dist from Windward Edge: > 46 ft	-0.30	-8.55	-1.47

^{*} Horizontal distance from windward edge

Figure 6-10 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(Ht/zg)^(2/Alpha)	0.70
Kht =	Topographic factor (Fig 6-2)	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	21.21
Theta =	Angle of Roof	33.7 Deg



Torsional Load Cases

V	Vind Pres	ssures on	Main Wind	Force Res	isting Syste	em
Surface	ace GCpf +GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)	
1.	0.56	0.18	-0.18	21.21	8.06	15.70
2	0.21	0.18	-0.18	21.21	0.64	8.27
3	-0.43	0.18	-0.18	21.21	-12.94	-5.30
4	-0.37	0.18	-0.18	21.21	-11.67	-4.03
5	-0.45	0.18	-0.18	21.21	-13.36	-5.73
6	-0.45	0.18	-0.18	21.21	-13.36	-5.73
1E	0.69	. 0.18 .	-0.18	21.21	10.82	18.46
2E	0.27	0.18	-0.18	21.21	1.91	9.55
3E	-0.53	0.18	-0.18	21.21	-15.06	-7.42
4E	-0.48	0.18	-0.18	21.21	-14.00	-6.36

^{*} p = qh * (GCpf - GCpi)

Detailed Wind Load Design (Method 2) per ASCE 7-02

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: JUC-WADE WILLIS MODEL Address: City, State: , Owner: Climate Zone: North	Builder: JUC Permitting Office: Permit Number: Jurisdiction Number:
1. New construction or existing New 2. Single family or multi-family Single family 3. Number of units, if multi-family 1 4. Number of Bedrooms 3 5. Is this a worst case? Yes	12. Cooling systems a. N/A b. N/A
6. Conditioned floor area (ft²) 1866 ft² 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor: Description Area (or Single or Double DEFAULT) 7a. (Dble Default) 232.0 ft²	c. N/A ———————————————————————————————————
b. SHGC: (or Clear or Tint DEFAULT) 8. Floor types a. Slab-On-Grade Edge Insulation R=19.0, 225.3(p) ft	a. N/A b. N/A c. N/A
b. N/A c. N/A 9. Wall types a. Frame, Wood, Exterior R=19.0, 1437.0 ft ²	14. Hot water systems a. Electric Resistance Cap: 40.0 gallons
b. Face Brick, Wood, Exterior R=19.0, 645.0 ft ² c. N/A d. N/A e. N/A	b. N/A EF: 0.97 c. Conservation credits (HR-Heat recovery, Solar
10. Ceiling types a. Under Attic b. N/A c. N/A	DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan,
11. Ducts a. N/A b. N/A	PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
Glass/Floor Area: 0.12 Total as-built po	

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

PREPARED BY:

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

OWNER/AGENT:

DATE:

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

BUILDING OFFICIAL:

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCPB v4.21)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Address: City, State: Owner: Climate Zone: North	Builder: Ji Permitting Office: Permit Number: Jurisdiction Number:	UC
New construction or existing	12. Cooling systems	
2. Single family or multi-family Single family	a. N/A	
3. Number of units, if multi-family	44 4. July 11. 11. 11. 11. 11. 11. 11. 11. 11. 11	
4. Number of Bedrooms 3	b. N/A	
5. Is this a worst case? Yes		
6. Conditioned floor area (ft²) 1866 ft²	c. N/A	
7. Glass type 1 and area: (Label reqd. by 13-104.4.5 if not default)		
a. U-factor: Description Area	13. Heating systems	
(or Single or Double DEFAULT) 7a. (Dble Default) 232.0 ft ² b. SHGC:	a. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear) 232.0 ft ²	b. N/A	
a. Slab-On-Grade Edge Insulation R=19.0, 225.3(p) ft b. N/A	c. N/A	
c. N/A	14. Hot water systems	
9. Wall types	a. Electric Resistance	Com. 40.0 - 11
a. Frame, Wood, Exterior R=19.0, 1437.0 ft ²	a. Biodrie Resistance	Cap: 40.0 gallons
b. Face Brick, Wood, Exterior R=19.0, 645.0 ft ²	b. N/A	EF: 0.97
c. N/A		
d. Ņ/A	c. Conservation credits	
e. N/A	(HR-Heat recovery, Solar	악정 되는 사업 프
10. Ceiling types	DHP-Dedicated heat pump)	
a. Under Attic R=30.0, 1866.0 ft ²	15. HVAC credits	
b. N/A	(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A	HF-Whole house fan,	
1. Ducts	PT-Programmable Thermostat,	
a. N/A	MZ-C-Multizone cooling,	
b. N/A	MZ-H-Multizone heating)	
	M2 II-Mulizone healing)	
Glass/Floor Area: 0.12 Total as-built p	points: 26322 points: 29526 PASS	
hereby certify that the plans and specifications covered by	Review of the plans and	

this calculation are in compliance with the Florida Energy Code.

PREPARED BY: DATE:

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

OWNER/AGENT: DATE:

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



BUILDING OFFICIAL:

DATE:

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE						AS	-BU	ILT	Ewit I	No ag	4	
GLASS TYPES			TOUR MA			ne Set			3		1112	
.18 X Conditi		BSPM =	Points	The large same of a	Ove	erhang]					
Floor A	rea			Type/SC	Ornt	Len	Hgt	Area X	SPI	N X	SOF	= Points
.18 186	6.0	20.04	6731.0	Double, Clear	W	1.0	9.0	60.0	38.5	2	0.99	2299.5
				Double, Clear	W	1.0	9.0	16.0	38.5	2	0.99	613.2
A. T				Double, Clear	N	1.0	9.0	60.0	19.2	0	0.99	1144.5
				Double, Clear	E	1.0	9.0	36.0	42.0	6	0.99	1505.3
				Double, Clear	E	1.0	11.0	36.0	42.0	6	1.00	1507.0
				Double, Clear	E	1.0	9.0	12.0	42.0	6	0.99	501.8
				Double, Clear	S	1.0	9.0	12.0	35.8	7	0.99	426.0
				As-Built Total:				232.0				7997.3
WALL TYPES	Area 2	X BSPM	= Points	Туре		R-	-Value	e Area	Х	SPN	1 =	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior		(GIVE	19.0	1437.0		0.90		1202.2
Exterior	2082.0	1.70	3539.4	Face Brick, Wood, Exterior			19.0	645.0		0.20		1293.3 129.0
										0.20		129.0
Base Total:	2082.0	OF MARK	3539.4	As-Built Total:	4			2082.0			16.6	1422.3
DOOR TYPES	Area >	K BSPM	= Points	Туре				Area	Х	SPM	=	Points
Adjacent	0.0	0.00	0.0	Exterior Wood				57.0		6.10		347.7
Exterior	114.8	4.10	470.8	Exterior Wood				40.0		6.10		244.1
				Exterior Wood				17.8		6.10		108.6
Base Total:	114.8		470.8	As-Built Total:	Ser, Y			114.8				700.5
CEILING TYPES	S Area X	BSPM	= Points	Туре	F	R-Valu	e A	Area X S	PM 2	(SC	M =	Points
Under Attic	1866.0	1.73	3228.2	Under Attic			30.0	1866.0 1.	73 X	1.00		3228.2
Base Total:	1866.0		3228.2	As-Built Total:				1866.0				3228.2
FLOOR TYPES	Area X	BSPM :	= Points	Туре		R-\	/alue	Area	X	SPM	=	Points
Slab 2	25.3(p)	-37.0	-8337.2	Slab-On-Grade Edge Insulation	n	1	90 2	225.3(p	-36	5.70	uls le	-8044.3
Raised	0.0	0.00	0.0					(p	-00			-0044.3
Base Total:			-8337.2	As-Built Total:				225.3				-8044.3
NFILTRATION	Area X	BSPM =	= Points					Area	X S	SPM	=	Points
	1866.0	10.21	19051.9					1866.0		0.21	7.0	19051.9

SUMMER CALCULATIONS

ADDRESS	
ADDRESS: , , ,	PERMIT #:

	BASE		AS-BUILT	
Summer Ba	se Points: 2	4684.1	Summer As-Built Points:	24355.8
Total Summer Points	X System = Multiplier	Cooling Points	Total X Cap X Duct X System X Cre Component Ratio Multiplier Multiplier Multip (System - Points) (DM x DSM x AHU)	dit = Cooling
24684.1	0.4266	10530.2	24355.8 1.00 1.000 0.407 1.0	00 9923.8

WINTER CALCULATIONS

. A4 A 71 19 d	
ADDRESS: , , ,	PERMIT #:
	PERIVIT #.

GLASS TYPE			AS-BUILT									
.18 X Conditi	ioned X E	BWPM =	Points	Type/SC	Ove Ornt	erhang Len	•	Area X	WP	мх	WOF	= Point
.18 186	6.0	12.74	4279.1	Double, Clear	W	1.0	9.0	60.0	20.7		1.00	1245.8
				Double, Clear	W	1.0	9.0	16.0	20.7		1.00	332.2
				Double, Clear	N	1.0	9.0	60.0	24.5		1.00	1474.3
				Double, Clear	Е	1.0	9.0	36.0	18.7	9	1.01	681.2
				Double, Clear	E	1.0	11.0	36.0	18.7	9	1.01	680.4
				Double, Clear	E	1.0	9.0	12.0	18.7	9	1.01	227.1
				Double, Clear	S	1.0	9.0	12.0	13.3	0	0.99	158.6
				As-Built Total:				232.0			0.50	4799.5
WALL TYPES	Area X	BWPM	= Points	Туре		R-	Value	Area	X	NPN	12 Time	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	79	Carl I	19.0	1437.0	icit.	2.20	¥.	3161.4
Exterior	2082.0	3.70	7703.4	Face Brick, Wood, Exterior			19.0	645.0		2.20		1419.0
Base Total:	2082.0		7703.4	As-Built Total:				2082.0				4580.4
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	ΧI	VPM		Points
Adjacent	0.0	0.00	0.0	Exterior Wood	2	E.T.	6.L.S	57.0	1	2.30	Service	701.1
Exterior	114.8	8.40	964.6	Exterior Wood				40.0	1	2.30		492.2
				Exterior Wood				17.8	1	2.30		219.1
Base Total:	114.8		964.6	As-Built Total:				114.8				1412.4
CEILING TYPES	S Area X	BWPM =	= Points	Туре	R-	Value	Are	ea X WF	M X	WCI	VI =	Points
Inder Attic	1866.0	2.05	3825.3	Under Attic		3	30.0	1866.0 2.	05 X	.00		3825.3
lase Total:	1866.0		3825.3	As-Built Total:				1866.0		To store		3825.3
LOOR TYPES	Area X	BWPM =	Points	Туре		R-V	/alue	Area	x v	/PM	=	Points
lab 2 aised	225.3(p) 0.0	8.9 0.00	2005.4 0.0	Slab-On-Grade Edge Insulation	n	1	9.0 2	25.3(p	7	.00		1577.3
ase Total:			2005.4	As-Built Total:				225.3				1577.3
NFILTRATION	Area X	BWPM =	Points					Area X	N	'PM	= .F	Points
	1866.0	-0.59	-1100.9					1866.0		0.59		1100.9

WINTER CALCULATIONS

ADDRESS: , , ,	PERMIT #:

	BASE		AS-BUILT							
Winter Base	Points:	17676.9	Winter As-Built Points:	15094.0						
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit Component Ratio Multiplier Multiplier Multiplie (System - Points) (DM x DSM x AHU)	= Heating r Points						
17676.9	0.6274	11090.5	15094.0 1.00 1.000 0.590 1.000	8900.4						

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE								A	S-BUI	LT		
WATER HEA Number of Bedrooms	X X	Multiplier		Total	Tank Volume	EF	Number of Bedrooms	x	Tank X Ratio	Multiplier 2	X Credit = Multiplier	Total
3		2635.00	ATTE	7905.0	40.0 As-Built To	0.97	3		1.00	2499.18	1.00	7497.5

	CODE COMPLIANCE STATUS										
	BASE			AS-	BUILT						
Cooling Points	+ Heating + Points	Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+	Hot Water Points		Total Points		
10530	11090	7905	29526	9924	8900		7498	ye.	26322		

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

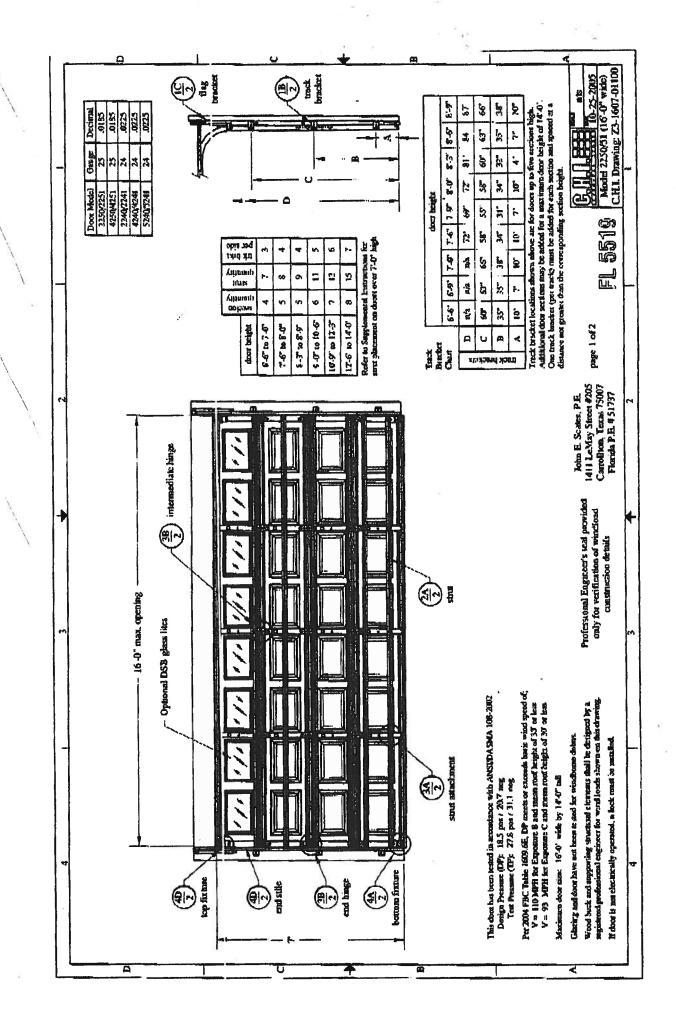
ADDRESS: , , ,	PERMIT #:

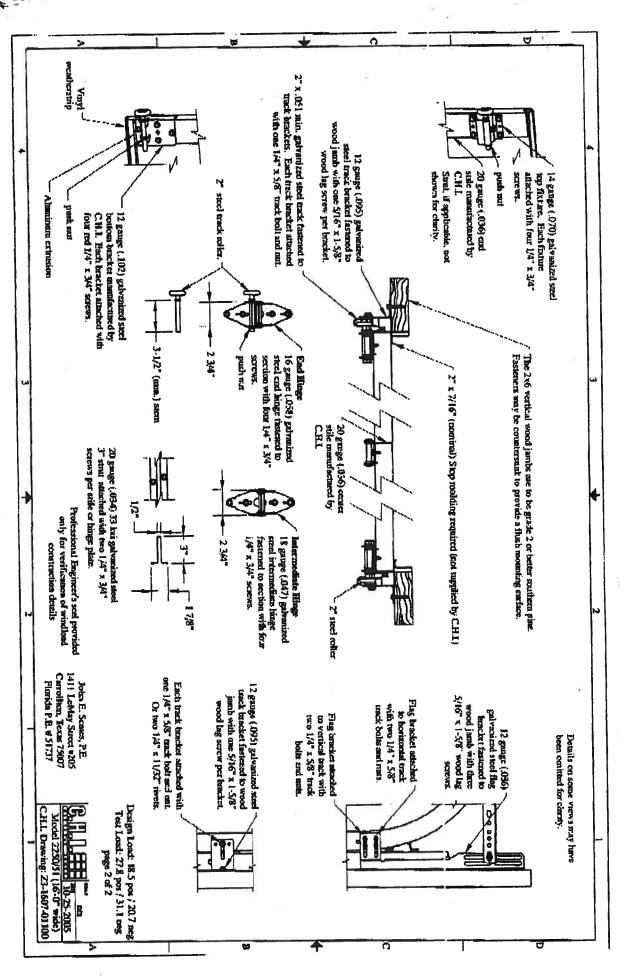
6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	UNLOW
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	-10 (, 9)
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECH
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	0.1.20.
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	10.1
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	





. . . .



17856 U.S. 129 South McAlpin, FL 32062 - 2561 Robert F. McGranahan President

Jeffrey D. Lee Entomologist

October 27, 2006

Columbia Building Department Lake City, FL 32055

RE: Wade Willis Construction - Termita Soil Treatment

To Whom It May Concern:

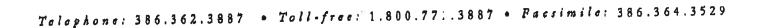
This letter is to confirm in writing that Wade Willis has contacted the office regarding preconstruction subterranean termite soil treatment for the new construction located at 305 SW Timberland Court, Lake City Florida. We have recommended a complete horizontal, vertical, adjoining slab and final grade treatment with the product Termidor or Prevail in accordance with the Florida Building Code. Live Oak Pest Control offers a damage replacement policy upon the completion of all required treatments. Service will be rendered at the appropriate times per a call to schedule from the contractor.

If you have any questions or if I can be of any further service, please contact the office at one of the numbers listed below.

Sincerely,

Dana Tidwell

Termite Department









RAISED PROFILE®

PRESTIQUE HIGH DEFINITION®

Prestique Plus High Definition and Prestique Gallery Collection"

13X'x 39X 530 Exposure Pieces/Bundle A/98.5 sq.ft. Bundles/Square Squares/Pallet .11

50-year limbed werranty period:
5-75: Years non-prensied coverage for shingles and application labor with prorested goverage for remainder of limited warranty period, plus an option for transferability. 5-year limited wind warranty. Wind Coverage standard 80 mph, extended 110 mph.**

Raised Profile

.13%'x <mark>38%</mark> Product size . 550 Exposure Pleces/Bundle Bundles/Square 3/100 sq.ft. Squares/Pallet 16

30-year limited warranty period: 5-7 years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability. 5-year limited wind warranty*. Wind Coverage: standard 70 mph.

Prestique I High Definition

135°x 3950 Product size Exposure 516 Pieces/Bundle Bundles/Square A/98.5 sq.ft Squares/Pallet .. .14

10-year Emited warranty period: 5-71 years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year timited wind warranty*. Wind Coverage: standard 80 mph, extended

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™ Size: 12"x 12" Exposure: 6% Pieces/Bundle: 45 Coverage: 4 Bundles = 100 linear feet

Vented RidgeCrest™ w/FLX™ Size: 13"x13%"

Exposure: 9% Pieces/Box: 26 Coverage: 5 boxes = 100 linear feet

Prestique High Definition

Product size Exposure Pieces/Bundle 22 3/100 sq.ft. Bundles/Square Squares/Pallet 16

30-year limited warranty period: years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability. 5-year nited wind warranty*. Wind Coverage: standard 80 mph.

Elk Starter Strip 52 Bundles/Pallet 18 Pallets/Truck 936 Bundles/Truck 19 Pieces/Bundle 1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Siste, Weathersdwood, Shakewood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandahwood.
Gallary Collection: Balesse Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow offs and leaks.

Check for availability with build in Examplement to inhibit the discolaration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Fronte chingles meet UL Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; 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 Insurance

*See actual limited warranty for send! comments and incomments.

A comment of the comment

SPECIFICATIONS

Score Work includes furnishing all labor, materials and ment necessary to complete installation of (name) Hip and ridge type to be Elk Seal-A-Ridge with formula FLX

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

Permanent or Roor Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade phywood (exposure 1 rated sheething) at least 3/6" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" [1.1.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Eshingles. Consult Elk Field Service for application specifications over other decks and other slopes. Materials: Underlayment for standard roof slopes, 4° per foot (101.8/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-asturated felt underlayment. For Low slopes (4° per foot (101.8/304.8mm) to a minimum of 2° per foot (50.8/304.8mm), use two piles of underlayment overlapped a minimum of 19°. Fasteners 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 (name) 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 structions. In these cases, the local code must be followed. Under no circumstances 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 specinfo@elkcorp.com.

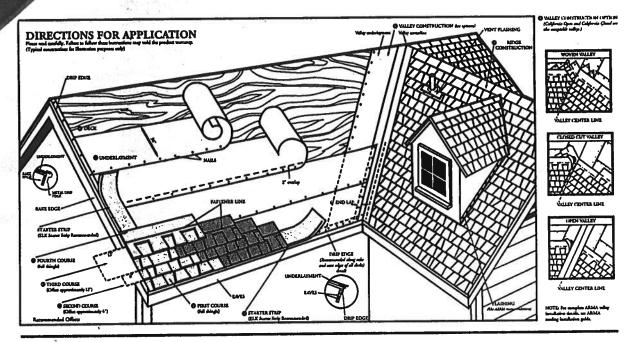
SOUTHEAST & ATLANTIC OFFICE: 800.945.5551

- September -

CORPORATE HEADQUARTERS: 800.354.7732

PLANT LOCATION: 800.945.5545





DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to maet Elk's application requirements. Your failure to follow these meet Elk'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 Elk accept application requirements that are less than those printed here. Shingles should not be jammed lightly together. All attics should be properly ventilated. Note: it is not necessary to remove tape on back of shingle.

O DECK PREPARATION

Roof decks should be dry, well-sessoned 1" x 6" boards or exterior grade phywood minimum 3/8" thick and conform to the specifications of the American Phywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

O UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Elk Versashield* or self adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 19°. Begin by fastening a 19° wide strip of underlayment placed along the eaves. Place a full 35' wide sheet over the starter, horizontally placed along the eaves 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 (4/12 to less than 21/12), use costed roll roofing ror standard stope 14/12 to less than 21/121, use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the save edge to e point at least 24 beyond the inside wall of the living space below or one layer of a self-adhered eave end flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt pleastic cement between the two piles of underlayment from the eave edge up roof to a point at least 26' bayond the inside well of the living space below or one layer of a self-adhered save and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

@ 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 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 THURD COURSE

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

O FOURTH COURSE

Start at the rake and continue with full shingles across roof. FIFTH AND SUCCEEDING COURSES.

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

O VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable whan applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 35' wide vertical undertayment prior to applying metal flashing (secure edge with nalls). No nails are to be within 8' of valley center.

O RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z"Ridge or Seal-A-Ridge® with formula FLX" or RidgeCreat® with FLX (See ridge package for installation instructions). Vented RidgeCreat or 3-tab shingles are also approved.

FASTENERS

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

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the content dots.

NAILS: Corrosive resistant, 3/6" head, minimum 12-pauge roofing nells. 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 exposed overhang, for new roofs only, 3/4" ring shank nells are allowed to be used from the save's edge to a point up the roof that is past the outside wall line. I' ring shank nails allowed for re-roof. STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly edjusted steple gun can result in raised steples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with

MANSARD APPLICATIONS

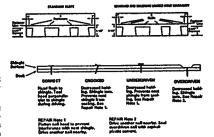
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile^{ne} shingles must be applied with 4 properly placed festeners, or in the case of measurd applications, 6 properly placed festeners per shingle.
- For a Limited 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 para shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY 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 festeners must be driven into the DOUBLE A minimum of the statement of the shingle. Nails or staples must be placed along — and through — the fastener line* or on products without fastener lines, nail or staple between and in line with sesient dots. CAUTION: Do not use fastener line for shingle slignment.



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



COLUMBIA 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#:	81	82	83	SW Woodleaf Ct 84 394 SW Timberland Ct	SW Woodleaf Ct	SW Woodleaf Ct	SW Woodleaf Ct	SW Woodleaf Ct		242	SW Woodleaf Ct		SW Woodleaf Ct		SW Fieldstone Ct	SW Fieldstone Ct		SW Fieldstone Ct								SW Fieldstone Ct	SW Fieldstone Ct	SW Fieldstone Ct		() 386 ()		10185	SW Timberland Ct
ADDRESS:	243 SW Woodleaf Ct	263 S		303 S	323 S	345 S	361 S	3698	368 S	360 SW Woodleaf Ct	336 SW Woodleaf Ct	306 §	282 \$	254 §	222 \$	221 §	239	265	301	331	359	3// SW Fieldstone Ct 385 SW Fieldstone Ct	376 SW Fieldstone Ct	364	344 SW Fieldstone Ct	328 SW Fieldstone	310	2901	238	220	251 SW Timberland Ct	267	285 SW	305

302 SW Timberland Ct 280 SW Timberland Ct 262 SW Timberland Ct 242 SW Timberland Ct	243 L0T24 263 L0T25 285 L0T26 303 L0T28 323 L0T28 345 L0T29 345 L0T29 369
88 80 80 80 80	222 222 222 222 0137 0135 306 33 368 368
LOT#: ADDRESS: 85 386 SW Timberland Ct 86 366 SW Timberland Ct 87 346 SW Timberland Ct 88 322 SW Timberland Ct	220 221 LOT48 LOT79 LOT53 364 377 LOT53 377 LOT56 JOT53 377 LOT56 JOT53 376 JOT56 LOT56 LOT56 JOT56 JOT66 JOT56 JOT66 JOT56 JOT66 JO
LOT#: ADDRESS: 81 367 SW Timberland Ct 82 387 SW Timberland Ct 83 395 SW Timberland Ct 84 394 SW Timberland Ct	1019242 2554 10194262 265 2019302 305 302 305 305 305 305 305 306 367 386 387 394 395 10183

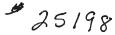
PRODUCT APPROVAL SPECIFICATION SHEET

oject Name:

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(3)
A. EXTERIOR DOORS			
1. Swinging	THERAMTHA	68 STEEL/WOOD upto 6 FT OA	01-0828,08
2. Sliding	V	INCLUDES SIDELITES	
3. Sectional			
4. Roll up.			
5. Automatic	· ·		
6. Other			
B. WINDOWS	CAPITAL 4 BET	740, 165, 3240, 4250, Seeies	AAMA CERT BB
1. Single hung	MI Products	740.165, 3240, 4250, Jeues	101/13, 2,-97
2. Horizontal Slider			CTLA-744W-B
3. Casement			
4. Double Hung			
5. Fixed		740 165 3240 4250 Socies	01-35673.05
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion	MI Prenducts	740, 165, 3240, 4250 Sepies	01-35673.05
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding (Sheer Wall)	MARBARD	8'-9'x10' OSB WALL Shooting	NER 108
2. Soffits	1401(0041(0	WIND STROM	14011 100
3. EIFS		WIND ZUSSWI	
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane	BARRICAPE	BUILDING WRAP FED SPEC.	11 20000
9. Greenhouse	DAIGCICADE	BUILDING WHAP FED SPEC.	44 B790A
10. Other	 		
والمراور والمراور والمراور والمناط والمراوا والمراوا والمراوا والمراوا والمراوا والمراوا والمراوا والمراوا			
	-		
1. Asphalt Shingles	1110001 0110	1644 004 5	A === = 1/0/1
2. Underlayments	MOODLAND	15#, 30# FELT	ASTMD-4869
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate		¥	

Category/Subcategory (cont.) Manufacturer	Product Description	Approval Number(%)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives -			
Coatings			
15. Roof Tile Adhesive			
16. Spray Applied			
Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama		•	
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			= 11
7. Others			
F. SKYLIGHTS			
1. Skylight	+		
2. Other			
G. STRUCTURAL			
COMPONENTS			El 2022
Wood connector/ancho	or Simpson sired	05 TIE H-16; SP4, H2.50, H-10, L	57A, PL 2811
2. Truss plates		31/2"-51/2" to 24'6W-LA	04-5-0-5-0-
Engineered lumber	ANTHONY	31/2 - 51/2" to 24 GW-LA	W H21W, 1185'80
4. Railing			
Coolers-freezers			
Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof	NORBOARD	7/16-1/2" OSB	NER 108
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR			
ENVELOPE PRODUCTS			
1.			
2.	1		
ime of inspection of these obsite; 1) copy of the produced and certified to comply with	products, the fouct approval, 2) to approval, 2) to a, 3) copy of the a	ate product approval at plan review. I llowing information must be available to he performance characteristics which applicable manufacturers installation re e removed if approval cannot be demon	o the inspector on the the product was tested equirements.
			Doto
Contractor or Contractor's Authoriz	ed Agent Signature	Print Name	Date
Location		Permit # (FOR STAFF)	USE ONLY)





GTC Design Group, LLC P.O. Box 187 Live Oak, FL 32064 (Phone) 386.362.3678 (Fax) 386.362.6133 ggill@gtcdesigngroup.com

November 14, 2006

Joe Haltiwanger 135 NE Hernando Avenue P. O. Box 1529 Lake City, Florida 32056-1529

SUBJECT: Wade Willis Model House #3
Foundation Wall Height

Joe,

In reference to the abovementioned project, portions of the building's foundation wall will be approximately 7'-4" ft (or 7 coursed) above grade.

The #5 vertical reinforcing bars spaced at 48 inches on centers will be adequate in supporting the wall.

The contractor shall brace or support the foundation wall until the permanent lateral support at the top of the wall is in placed.

If you have any questions or require additional information, please contact me at your convenience.

Thank you,

Gáry Gill, P.E. #51942

Project Manager



OCCUPANCY

COLUMBIA COUNTY, FLORIDA

partment of Building and Zoning

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

Parcel Number 33-3S-16-02438-178

Building permit No. 000025198

Use Classification SFD,UTILITY

Fire: 44.94

Permit Holder WADE WILLIS

Waste: 117.25

Owner of Building WADE WILLIS

Total: 162.19

Location: 305 SW TIMBERLAND CT., LAKE CITY, FL

Date: 03/27/2008

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 Florida Engineering Certificate of Authorization Number: 567 Florida Certificate of Product Approval # FL1999 Document ID:1T0Z487-Z0228085008 Page 1 of 1

Truss Fabricator: Anderson Truss Company

Job Identification: 6-338--WADE WILLIS CONSTRUCTION MODEL HOME #3 -- , **

Truss Count: 43

Model Code: Florida Building Code 2004

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

Engineering Software: Alpine Software, Versions 7.24, 7.25.

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 - 32.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

- 1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
- 2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
- 3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: BRCLBSUB-A11015EE-GBLLETIN-A11030EE-PIGBACKA-PIGBACKB-

			The second secon	
	#	Ref Description	Drawing#	Date
	1	11411HM9A	06271001	09/28/06
	2	11412HM11A	06271003	09/28/06
	3	11413HM13A	06271002	09/28/06
	4	11414AST3	06271009	09/28/06
	5	11415 AST2	06271010	09/28/06
	6	11416AST1	06271011	09/28/06
	7	11417AS1	06271012	09/28/06
	8	11418AS	06271013	09/28/06
	9	11419 AT	06271014	09/28/06
	10	11420H21AT	06271015	09/28/06
	11	11421H19AT	06271016	09/28/06
	12	11422H17AT	06271017	09/28/06
	13	11423HM7A	06271034	09/28/06
	14	11424 H15AT	06271018	09/28/06
	15	11425 AST4	06271019	09/28/06
	16	11426B	06271042	09/28/06
	17	11427B1	06271004	09/28/06
١	18	11428 BGE	06271035	09/28/06
1	19	11429H7C	06271036	09/28/06
	20	11430 H9C	06271020	09/28/06
1	21	11431 H11C	06271021	09/28/06
1	22	11432H13C	06271022	09/28/06
	23	11433C	06271023	09/28/06
	24	11434D	06271005	09/28/06
	25	11435D1	06271006	09/28/06
	26	11436D-2	06271037	09/28/06
	27	11437 DGE	06271038	09/28/06
	28	11438E	06271024	09/28/06
	29	11439EGE	06271039	09/28/06
	30	11440EJ7	06271043	09/28/06
	31	11441CJ1	06271025	09/28/06
	32	11442HJ7A	06271040	
	33	11443HJ7	06271041	
	34	11444CJ3	06271007	
	35	11445CJ5	06271008	09/28/06
	36	11446P8	06271026	09/28/06



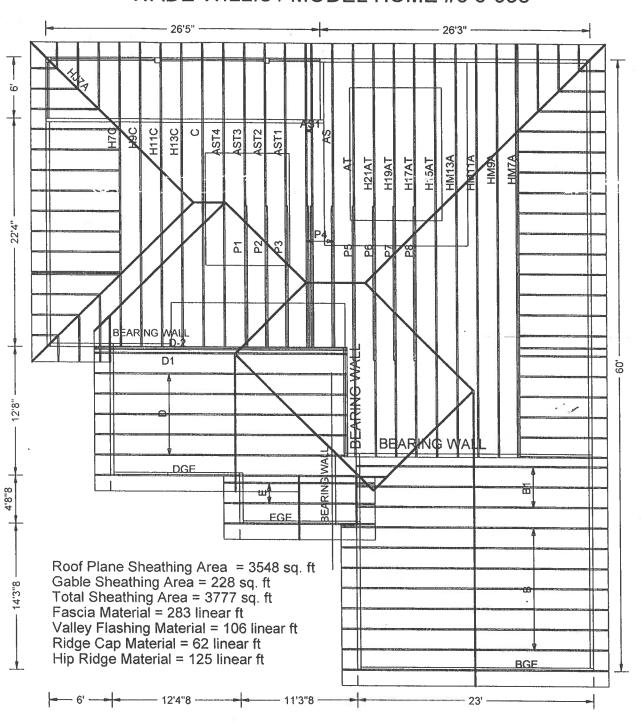
Seal Date: 09/28/2006

-Truss Design Engineer-Arthur R. Fisner Florida License Number: 59637 1950 Marley Drive Haines City, FL 33844

#	Ref Description	Drawing#	Date
37	11447 P7	06271027	09/28/06
38	11448P6	06271028	09/28/06
39	11449P5	06271029	09/28/06
40	11450P4	06271030	09/28/06
41	11451P3	06271031	09/28/06
42	11452P2	06271032	09/28/05
43	11453P1	06271033	09/28/06



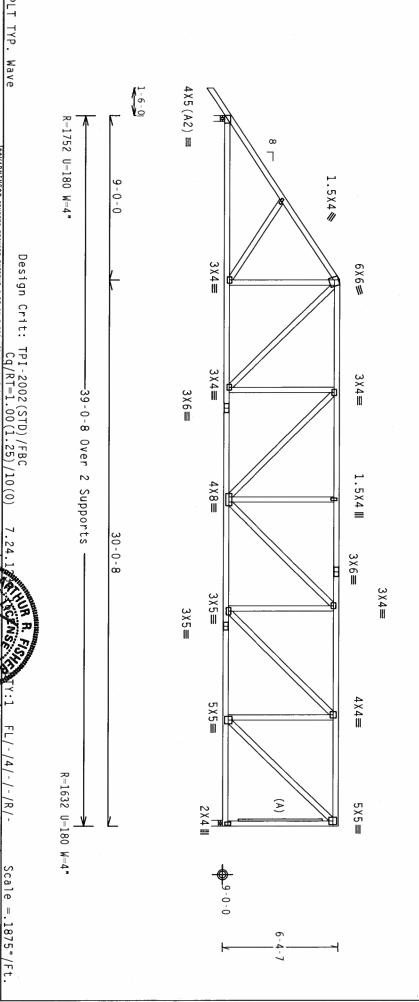
WADE WILLIS / MODEL HOME #3 6-338



JOB DESCRIPTION:: WADE WILLIS CONSTRUCTION
/: MODEL HOME #3

JOB NO: 6-338

PAGE NO: 1 OF 1



PLT TYP.

Wave

Alpine Engineered Products, Inc. 1950 Marley Drive

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLERE TO BUILD THE REQUIRE TO BUILD THE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLERE TO BUILD THE RUSS IN COMPONENT WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFBA) AND TPI.

CONNECTOR PALTES ARE ANDE OF 20/18/18/18/19 ASTH MASS GRADE 40/50 W. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAHMOS 160A-Z. ANY HISSECTION OF PLATES FOLLOWED BY C!) SHALL BE PER ANNEX A OF PDI-2002 SEC. 3. ASEA. ON THIS DESIGN FOLLOWED BY C!) SHALL BE PER ANNEX A OF PDI-2002 SEC. 3. ASEA. ON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING. INSTALLING AND BRACING. RETER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE. 583 D'ONOFRIO DR. SUITE ZOD. MADISON, MI 53719) AND WICK, WOOD TRUSS COUNCIL OF MERICA, 5300 ENTERPAISE LH, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUCTIONS. UNLESS OTHERNISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

. 59687

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

20.0

PSF

REF

Scale = .1875"/Ft. R487-- 11411

DATE

09/28/06

BC LL BC DL TC DL TC LL

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PSF

10.0 PSF 10.0 PSF

DRW HCUSR487 06271001

JB/AF 10096

40.0

PSF

SEQN-HC-ENG

SPACING DUR.FAC. TOT.LD.

24.0"

JRFF-

1T0Z487_Z02

1.25

33844

ALPINE

33844

SPACING

24.0"

JRFF-

1707487_202

SPACING

24.0"

JRFF.

1T07487_Z02

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

Wind reactions based on MWFRS pressures

(A) lx4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

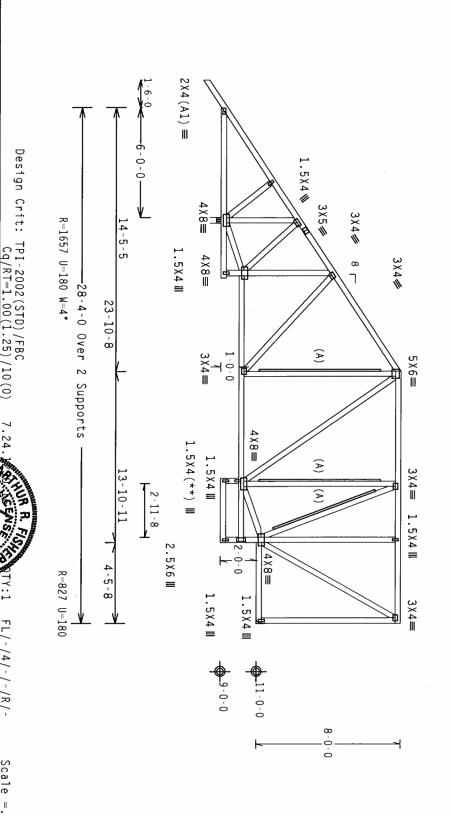
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C.AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.

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

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.

Right end vertical not exposed to wind pressure.



PLT TYP.

Wave

Alpine Engineered Products, Inc.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROUGHLOST HE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. INSTALLING & BRACING OF BUSICES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATEAD, AND TP). CONNECTOR PLATES ARE MADE OF 20/18/166A (M.M.Y.S.Y.) ASTIM AGES GANCE 40/50 (M. X/M.S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER BRAVINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNERS AS OF PTIL-2002 SEC. 3. AS AS AND ON THIS DESIGN. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY 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 BEST 1 03 (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583 D'ONDFELO DR. SUITE ZOD. MADISON, HI 53719) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED

ATE OF

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DRW HCUSR487 06271009

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HC-ENG

JB/AF 14194

SPACING DUR.FAC. TOT.LD.

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JRFF-

1T0Z487_Z0Z

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TC DL

DATE REF

09/28/06

דכ רר

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

Scale =.1875"/Ft. R487-- 11414

. 59687

ALPINE

RIGIO CEILING.

(6 338 WADE WILLIS CONSTRUCTION MODEL HOME #3 AST2)

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

Wind reactions based on MWFRS pressures.

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

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

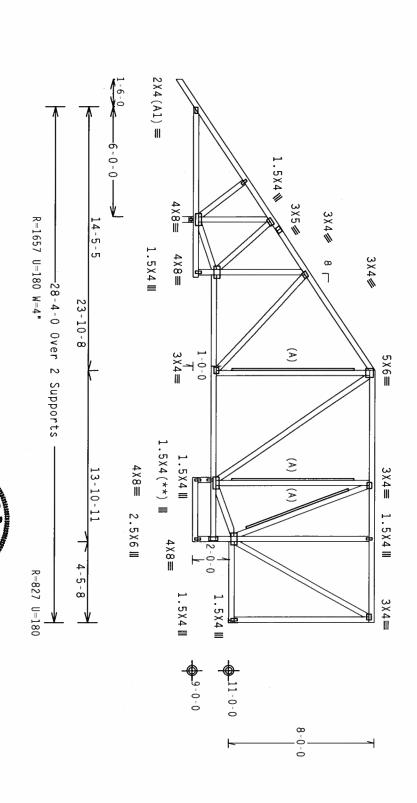
SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C.AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT

CHORD ENDS

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

110 mph wind, 15.00 ft mean hgt, ASCÉ 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.

Right end vertical not exposed to wind pressure



PLT

TYP.

Wave

Alpine Engineered Products, Inc.

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMACE WITH PIE;

OF ABBICATION, HANDLING, SHEPPING, JUSTALING, BABACING OF RUSSES, DESIGN COMPORMACE WITH PIE;

OF ABBICATION, HANDLING, SHEPPING, JUSTALING, JUSTALING, SHEPPING, JUSTALING, AND TPI,

APPIN COMPORTS MITH APPLICABLE PROVISIONS OF ANDS (MATIONAL DESIGN SPEC, BY AREAPA), AND TPI,

OFFICE ON THE STATES ARE MADE OF 70/18/1666 (M. N./N./S), ASTH A653 GRADE 40/60 (M. N./N.S), GALV. SIEEL, APPIN PLATES TO EACH FACE OF TRUSS AND, UNICES OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DEMATHRS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPIL-200 SEC. 3.

ANAY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPIL-200 SEC. 3.

BRANING INDICATES ACCEPTANCE OF FORESSIGNAL MENGLIKERING RESPONSIBILITY OF THE RESPONSIBILITY OF THE

Sep

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TOT.LD.

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PSF

SEQN-HC-ENG

SPACING

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JREF -

1T0Z487_Z02

HARNING TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPT (TRUSS PLATE INSTITUTE, 583 D'OMOFRIO BR. SUITÉ ZOO, HALISON, HI 53719) AND WITCA (MODD BRUSS COUNCIL OF AKERICA, 5300 ENTERPRISE LH, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

Design Crit:

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

CENSE

.59687

TC LL

20.0

PSF

R487--

10.0 PSF

DATE REF

09/28/06 11415

10.0 PSF

DRW HCUSR487 06271010

JB/AF 14205

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

Scale = .1875"/Ft

*

ATA OF

BC LL BC DL TC DL

0.0 PSF

Haines City, FL

ration # 5 33844

BUILDING DESIGNER PER ANSI/TP: 1

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

Wind reactions based on MWFRS pressures

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

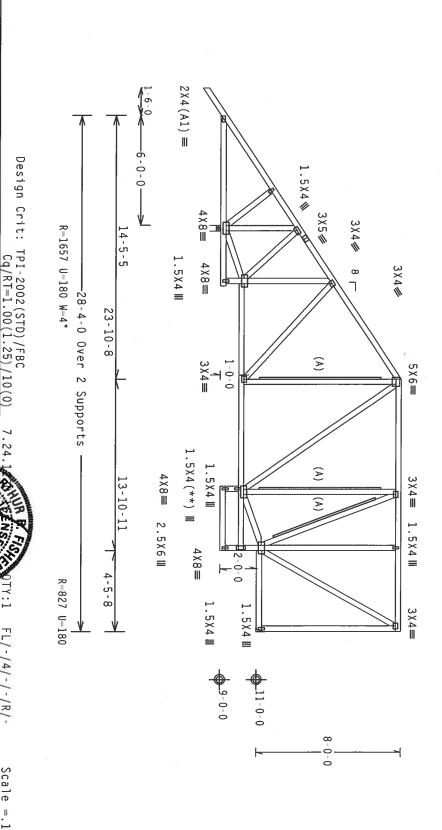
Deflection meets $L/240\,$ live and $L/180\,$ total load. Creep increase factor for dead load is $1.50\,.$

SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.

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

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.

Right end vertical not exposed to wind pressure



Alpine Engineered Products, Inc. 1950 Marley Drive
Haines City, FL 33844
Tr Crifficate of Authorization #557

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARY FALLERED PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLERE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLERE TO BUILD THE PRODUCTS. IN COMPOREMANCE WITH FPI.

OF ABRICATING, HAD ANY FROM STATEMENT OF THE PROPERTY OF THE PROPERTY

BC LL BC DL TC DL TC LL

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

Scale =.1875"/Ft. R487--

10.0 20.0

PSF PSF

DATE REF

09/28/06 11416

10.0 PSF

DRW HCUSR487 06271011

JB/AF 14216

DUR.FAC SPACING

1.25

24.0"

JRFF -

1T07487_Z02

TOT.LD.

40.0

PSF PSF

SEQN-HC-ENG **MARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 583 D'ONDEFIO OR., SUITE 200, MADISON, HI 53718) AND WITCA (MODO TRUSS COUNCIL OF AMERICA, 500 CHIERERSEE LH, MADISON, HI 53718) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

PLT TYP.

Wave

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

Wind reactions based on MWFRS pressures

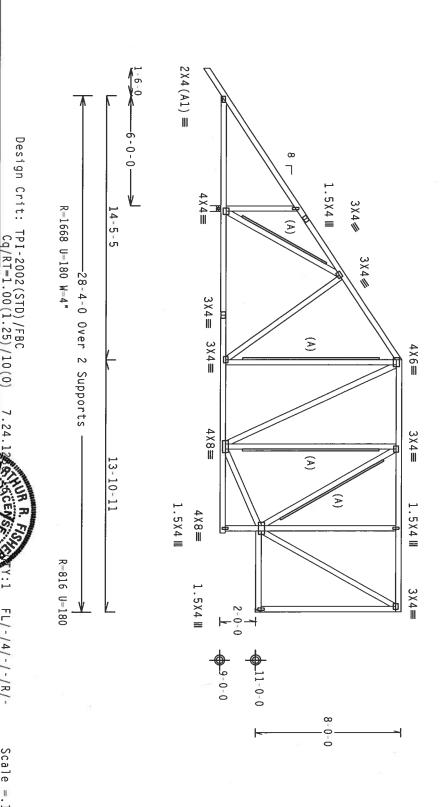
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

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.

Right end vertical not exposed to wind pressure

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



PLT TYP.

Wave

Alpine Engineered Products, Inc.

33844

DESIGN SHOWN. THE SUITABLE IN BUILDING DESIGNER PER ANSI/TPI 1

ALPINE

IMPORTANTGURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFIGNANCE WITH THE THE FOR THE FOR THE TRUSS IN CONFIGNANCE WITH THE THE FORMAL THE THE TRUSSES. BESIGN CONFIGNAL WITH APPLICABLE PROVISIONS OF MOS (MAITONAL DESIGN FOR FOR THE APPLICABLE PROVISIONS OF MOS (MAITONAL DESIGN FOR FOR WAFRA) AND THI. APPLY ECONOMICTOR PLATES ARE MADE TO 20/18/16/46 (M. M. M. S.) ALM ASS AGADE 40/60 (M. M. S.) CALVE ON THE MASS AND THE APPLY PLATES TO EACH FACE OF TRUSS AND JUMESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TRILIZOUS SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TRILIZOUS SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TRILIZOUS SEC. 3.

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ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TRILIZOUS SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TRILIZOUS SEC. 3.

OF TPI1-2002 SEC.3. A SEAL ON THIS ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INTALLING AND BRACING,
REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PALLING AND BRACING,
D'ONOFRIO DR., SUITE ZOO, MADISON, HI 53719), AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM,
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILLING.

SCEA

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

REF

Scale =.1875"/Ft. R487--

DATE

09/28/06 11417

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ATE OF

BC LL BC DL TC DL TC LL

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HC-ENG

JB/AF 14229

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 06271012

DUR.FAC. SPACING

1.25

24.0"

JRFF -

1T07487_Z02

TOT.LD.

40.0

SEQN-

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

Wind reactions based on MWFRS pressures.

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

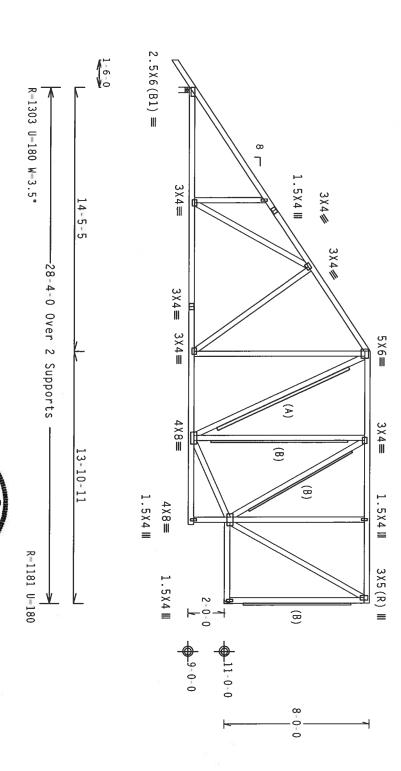
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

Right end vertical not exposed to wind pressure

(A) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHEPPING, INSTALLING AND BRACING, REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS FALLE INSTITUTE, 983 D'ONOFRIO BA. SUITE 200, MADISON, HI 53719) AND HCA. (MODO TRUSS COUNCIL OF AMERICA. 6300 EMPERATISE IN MODISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

PLT TYP.

Wave

Design Crit:

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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FILE.

OF ARBICLATING, HANDLING, SHEPPING, HEYALLING, SHEPPING, HEYALLING BRACING OF TRUSSES, DESIGN COMFORMS WITH APPLICABLE PAOVISIONS OF NDS (ANTIONAL DESIGN SPEC, BY KFIRA) AND IPI.

CONNECTOR PLATES ARE HADE OF 20/18/166A (H.H/S/K) ASTH A653 GARDE 40/60 (H.K/M.S) GALV, STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1500A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A 30 F 1911-2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A 30 F 1911-2002 SEC. 3.

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

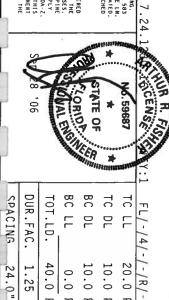
DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI I

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL

33844



				MINI	Ham	rent rectal
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T07487_Z02		SEQN- 14241	HC-ENG JB/AF	DRW HCUSR487 06271013	DATE 09/28/06	REF R487 11418

Scale =.1875"/Ft.

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

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.11" due to live load 0.18" due to dead load.

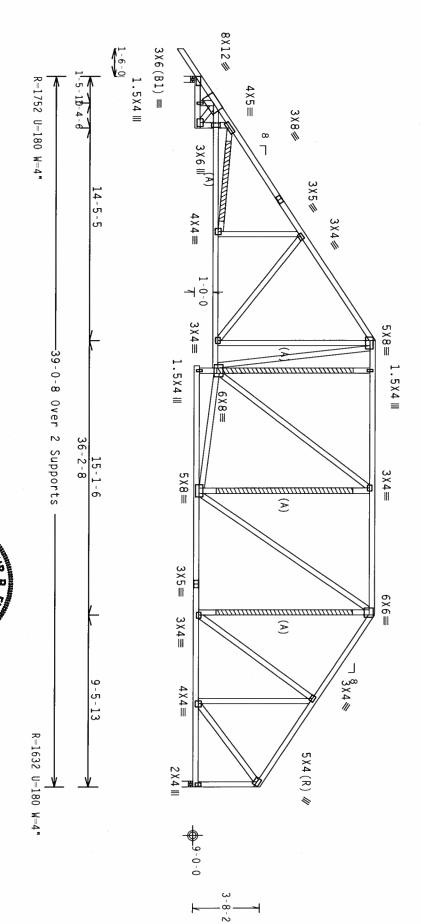
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

and

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.

Right end vertical not exposed to wind pressure

(A) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6"



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

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPY (TRUSS PLATE INSTITUTE, 593 0. "OHDERING DR.", SUITE ZOO, MADISON, MI 53719) AND WICE, (MODO TRUSS COUNCIL OF MERICA, 5300 ENTERPRISE LH. MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE IMPICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

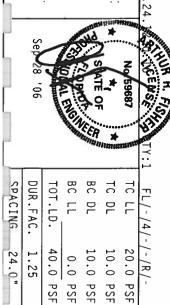
***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE AITH PEI: OF FABRICALTHIC, HANDLING, SHPPING, INSTALLING & BRACHMO TELL SESSION COMPORMS WITH APPLICABLE PROVISIONS OF NIDS (MATIONAL DESIGN SPEC, BY AFSPA) AND TEL. ALPINE CONFICENTS AND FOR THE PROVISIONS OF NIDS (MATIONAL DESIGN SPEC, BY AFSPA) AND TEL. ALPINE CONFICENTS AND FOR THE TRUSS AND AND TELL SPEC, ANY THIS DESIGN POSITION PER DRAWHINGS 160A-2. ANY INSPECTION OF PAIRES FOLLOWED BY (1) SHALL BE PER AMENY AS OF TELL 2002 SEC 3. A SEAL ON THIS DRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

Alpine Engineered Products, Inc.

LDING DESIGNER PER ANSI/TPI 1

ALPINE

OF TPI1-2002 SEC.3. A SEAL ON THIS ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE



PSF PSF

JB/AF 14327

SEQN-HC-ENG

JRFF-

1T07487_Z02

PSF

REF

R487-- 11419

Scale

=.1875"/Ft.

DATE

09/28/06

DRW HCUSR487 06271014

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

Wind reactions based on MWFRS pressures.

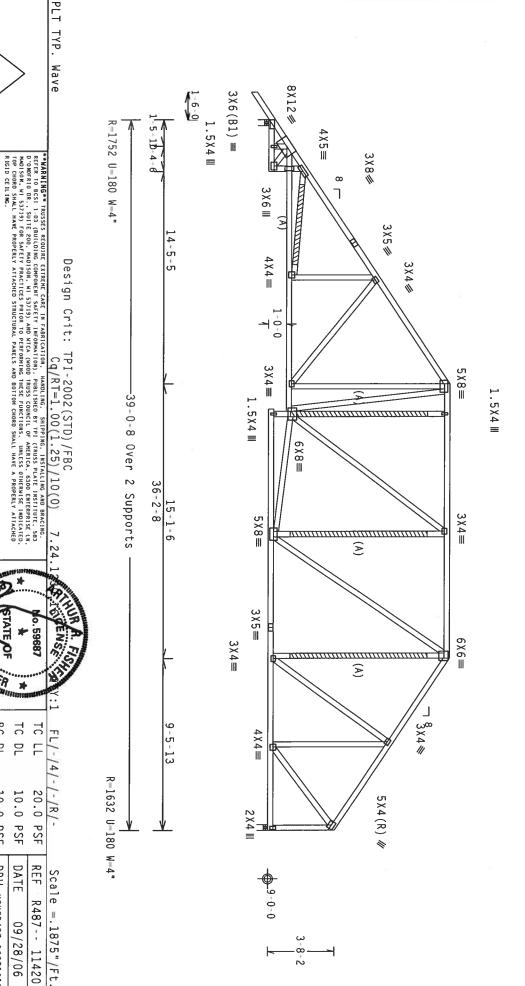
Calculated horizontal deflection is 0.11" due to live load and 0.18" due to dead load.

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

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

Right end vertical not exposed to wind pressure

(A) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6"



Ipine Engineered Products, Inc.

ALPINE

IMPORTANTFURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FAILURE TO BUILD THE TROUGHTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION, HADDLING, SHPPING. INSTALLING BRACING OF BRUSSES, DESIGN COMPEGNAMEE WITH PET.

DESIGN CONFECTOR PLATES ARE HADE OF 70/18/166A (H.H.Y.K.Y.) ASTH A653 DRADE 40/56 (H. K.YH.S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DRAWNES 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF TPIL-2002 SEC. 3. ASTAL ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

0.59687

20.0

PSF

R487--

10.0 PSF

DATE REF

09/28/06 11420

BC DL TC DL TC LL

40.0

PSF

SEQN-

0.0 10.0 PSF

PSF

HC-ENG

JB/AF 14341

DRW HCUSR487 06271015

1.25

SPACING DUR FAC TOT.LD.

24.0"

JREF - 1T0Z487_Z02

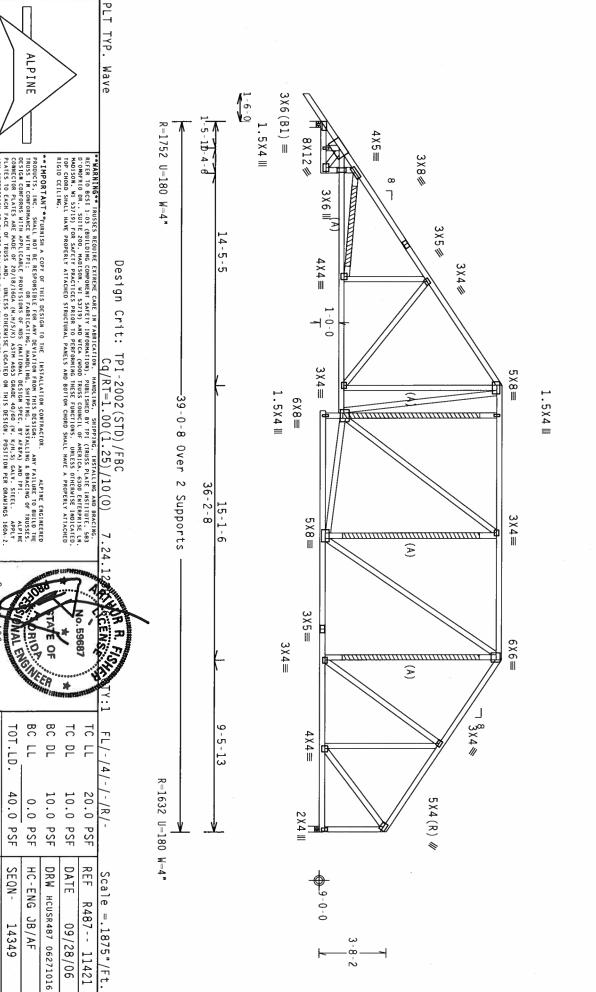
Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.11" due to live load and 0.18" due to dead load.

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

Right end vertical not exposed to wind pressure

(A) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.



Ipine Engineered Products, Inc.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS DEACH OF THE PROPERTY OF THE PR

ADE 40/60 (H. K/H.S) GALY. STEEL. APPLY
THIS DESIGN, POSITION PER DRAMINGS 160A.2
OF TPI1-2002 SEC.3. A SEAL ON THIS
OMSTBILLITY SOLELY FOR THE TRUSS COMPONENT
ANY BUILDING IS THE RESPONSIBILLITY OF THE

SPACING DUR.FAC.

24.0" 1.25

JREF-

1T0Z487_Z02

TOT.LD.

40.0

PSF

SEQN-

14349

33844

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

Calculated horizontal deflection is 0.11" due to live load 0.18" due to dead load.

Wind reactions based on MWFRS pressures.

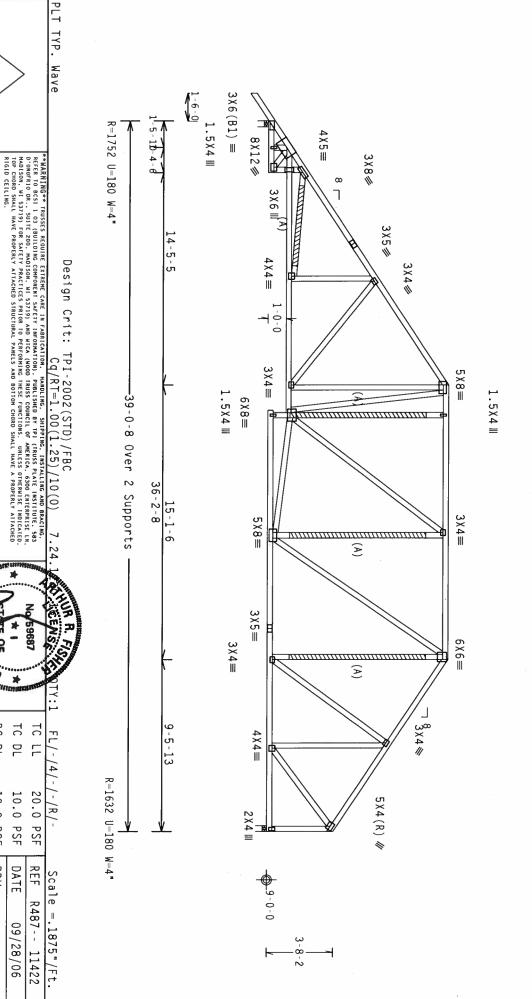
and

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.

Right end vertical not exposed to wind pressure

(A) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.



Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETILITION REAM THIS DESIGN: ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETILITION REAM THIS DESIGN. BAY FAILURE TO BUILD THE RESPONSIBLE FOR THIS FABRICACTION, HANDLING, SHPPING, INSTALLING A BRACTING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AND SHADL AND LONG, SHEPLY, AFTH A 653 GRADE 40/56 (W. K/M.S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERS TO COATED ON THIS DESIGN. POSITION PER DRAWLINGS 150A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ARMEX A.3 OF FPII-2002 SEC.3. A 5EAL ON THIS DRAWLING INDICATES ACCEPTANCE OF APPCESSIONAL REGIONERS HAR RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

59687

10.0 PSF

DATE REF

09/28/06

R487-- 11422

10.0 PSF

DRW HCUSR487 06271017

JB/AF 14355

BC LL BC DL TC DL

0.0

PSF PSF

40.0

SEQN-HC-ENG

1.25

SPACING DUR.FAC. TOT.LD.

24.0"

JREF -

1T0Z487_Z02

Bot p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.11" due to live load 0.18" due to dead load.

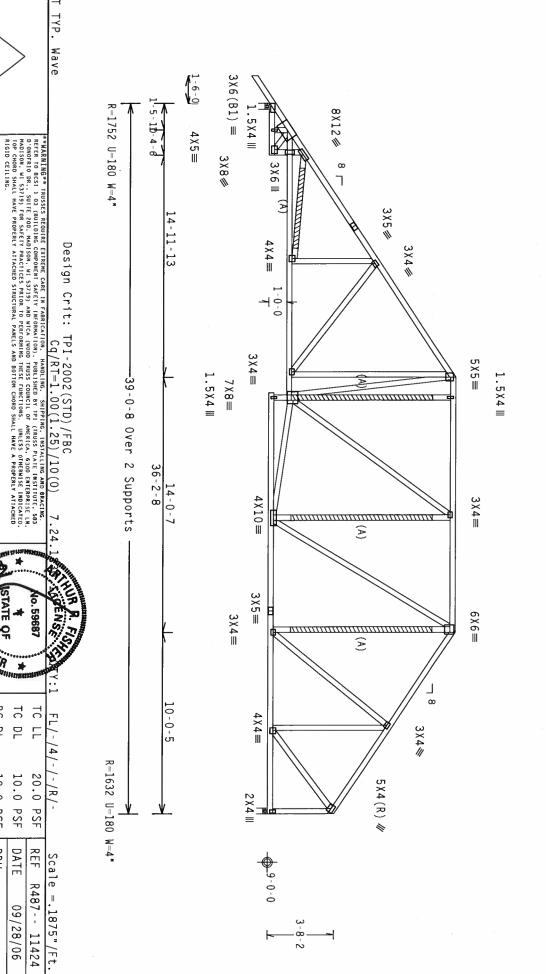
and

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.

Right end vertical not exposed to wind pressure

(A) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6"



Alpine Engineered Products, Inc.

DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 DRAWING INDICATES ACCEPTANCE OF PROFESSI ALPINE

***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALURE TO BUILD THE TRUSS IN COMPORANCE WITH 1PI: OR FARRICATION, HANDLING, SHPPING, INSTALLING & BRACCHING OF TRUSSES.

DESIGN COMPORANCE THE PROLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ALPINE COMMECTOR PLAIES ARE HADE OF 20/18/16GA (H.H/S/K)) ANY SHEEL, APPLY PLAIES ARE HADE OF 20/18/16GA (H.H/S/K)) AND TRISS GRADE AND TRISS OF THIS SHEEL APPLY PLAIES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TRUSS AS SEC. 3. A SEAL ON THIS DESIGN FOR THE SECOND OF THE

lo. 59687

20.0 10.0 PSF

PSF

REF

R487-- 11424

DATE

09/28/06

BC LL BC DL TC DL TC LL

PSF PSF

HC-ENG

JB/AF 14370

10.0 PSF 0.0

DRW HCUSR487 06271018

40.0

SEQN-

SPACING DUR.FAC. TOT.LD.

24.0" 1.25

JRFF-

1T07487_Z02

DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

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

Wind reactions based on MWFRS pressures

(A) Continuous lateral bracing equally spaced on member.

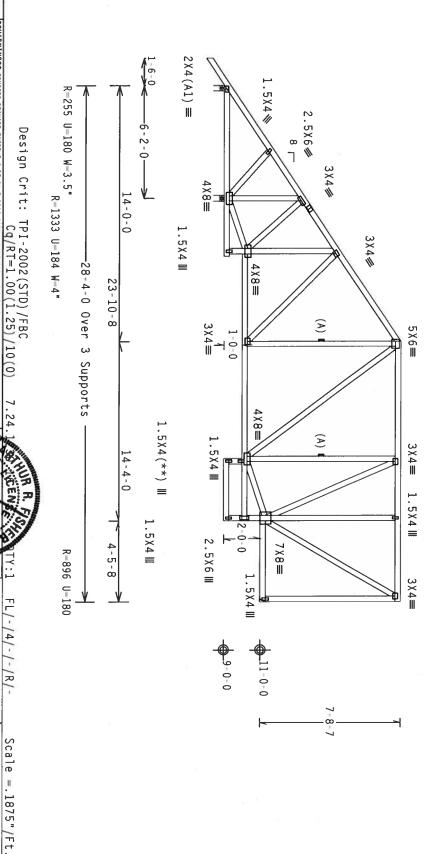
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

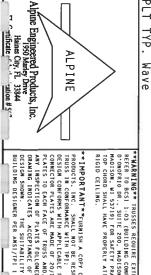
SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C., AND 1 CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS. Top

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

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.

Right end vertical not exposed to wind pressure





PLT

TYP.

WARNING. TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO 8551 1-05 (BOILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'OMOFRIO BR. SUITE 200, HALDSON, HI 53719) AND WITCA (MODO TRUSS COUNCIL OF AMERICA, 500C BRIEFRESE LH. MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTGURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALURE TO BUILD THE TRUSS IN COMPENNANCE WITH TIP! OR FABRICATION, HANDLING, SHIPPING, INSTALLING B BRACING OF TRUSSES. DESIGN COMPENNS WITH APPLICABLE PROVISIONS OF NOS (MAITIONAL DESIGN SPEC, BY AFRA) AND TP!. APPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/S)N ASTM AGS3 GRADE 40/50 (M.K/M.S) GALV. STEEL. APPLY LALTES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION FOR DRAWHINGS 16GA-Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX AS OF THE TOWN CONTROL OF THE TOWN COMPONEY. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL

ANY BUILDING

02 SEC.3.

A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
NG IS THE RESPONSIBILITY OF THE BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD.

40.0

PSF PSF

SEQN-HC-ENG

10069

24.0" 1.25

JRFF-

1T07487_Z02

TC LL

PSF

R487---

11425

10.0 PSF 20.0

DATE REF

09/28/06

10.0 PSF 0.0

DRW HCUSR487 06271019

JB/AF

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

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Alpine Engineered Products, Inc 1950 Marley Drive (6 338 WADE WILLIS CONSTRUCTION MODEL HOME #3 TYP. ALPINE Wave 1-6-0 3X4(A1) =R=1070 U=180 W=4" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROW HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH PI:

OESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SEC. M. STREAM) AND TP!

CONNECTOR PLATES ARE MADE OF 20/19/166A (M.H/S/K) ASTM A653 GRADE 40/50 (M. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWHOS 180A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A 30 TIPII-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE DRAWING INSTALLS ACCOMPONENT **MARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDIAG, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE. 583 D'OMOFRIO DR., SUITE 200, MADISON, HI 53718) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 5300 ENTERPRISE LH, MADISON, HI 53718) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 11 - 6 - 01.5X4 | Design Crit: 3X4≡ -23-0-0 Over 2 Supports 3×4≡ 8 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4 X 4≡ 3×4≡ In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24 $^{\circ}$ OC, BC @ 24 $^{\circ}$ OC. 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. 1.5X4 // 11 - 6 - 0CENS TATE OF 6.59687 יוודי משה נטרבטטרה וצחנו מהנומונט דשנהו (רמשה) פ מדעבשפותנום) פתפודוובה פו ושחפי אנעי R=1070 U=180 W=4* 3 X 4 (A1) ≡ 1-6-0 BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC 9-0-0 40.0 10.0 PSF 20.0 PSF 1.25 10.0 PSF 0.0 PSF PSF JRFF-DATE REF SEQN-HC-ENG DRW HCUSR487 06271042 Scale =.25"/Ft. R487-- 11426 JB/AF 14134 09/28/06

SPACING

24.0

1T07487_Z02

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Alpine Engineered Products, Inc. (6 338 WADE WILLIS CONSTRUCTION MODEL HOME #3 ALPINE Wave 33844 2 mounts 1-6-0 3X4(A1) =R=1074 U=180 W=4" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RUSS IN COMPONANCE WITH PIT:

RUSS IN COMPONENS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC. BY ATSAP) AND TP:

CONNECTOR PLATES ARE MADE OF 20/18/16GA (M. H/S/Y) ASTH MASS GRADE 40/50 (M. K/H.S) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND. DUBLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX AS OF PITI-2002 SEC. 3.

AS SEAL ON THIS DESIGN SOCKETANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SULFABLL WITHOUT AND DESC OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **#ARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDING. SHIPPING. 145TALLING AND BRACING.
BETER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE. 583
D'ONOFFIO DR., SUITE 200, MADISON. HI 53218) AND WITCA (4000) TRUSS COUNCIL OF AMERICA, 6300 ENTREPRISE LN.
MADISON. HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING. α 1.5X4 N 11-6-0 Design Crit: 3 X 4 ≡ -23-0-0 Over 2 Supports 3 X 4 == TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 81) 4×4≡ 3 \ 4 == → 8 1.5 X 4 // In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 110 mph wind, 15.00 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. 11 - 6 - 0SENSE TATE OF 0.59687 יידה בעם יצריטערם יצבע המנו המנו בנובע דעו מי לדהטחה פ מזורנוסדמעום לממנודונים מו ווניסקס ווועד R=962 U=180 W=4" 3X4(A1) =ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC BC DL BC LL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-**T**9-0-0 40.0 10.0 PSF 10.0 PSF 20.0 PSF 24.0" 1.25 0.0 PSF PSF JRFF-SEQN-DATE REF HC-ENG DRW HCUSR487 06271004 Scale =.25"/Ft. R487-- 11427 1T07487_Z02 JB/AF 14138 09/28/06

BGE)

Bot chord 2x4 SP Webs 2x4 SP :Stack Chord SC1 :Stack Chord SC2 6 P #2 Dense P #2 Dense P #3 1 2x4 SP #2 Dense: 2 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

See DWGS All015EE0405 & GBLLETIN0405 for more requirements

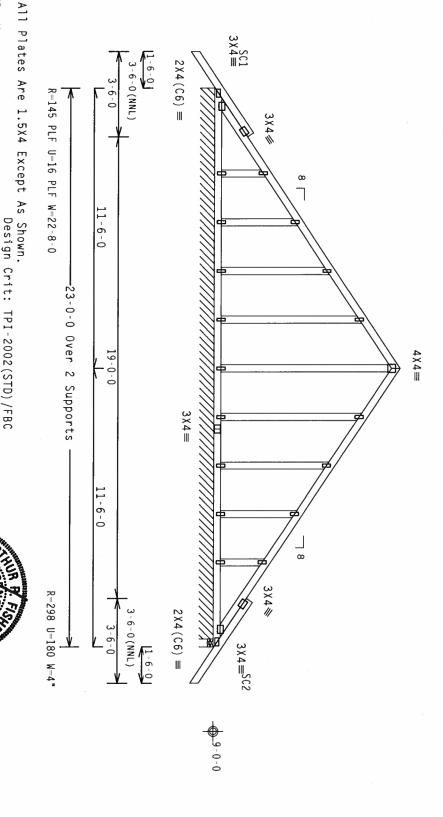
Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice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

> 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC

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

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

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



Note: All Plates Design Crit:

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'OHOFRIO DR. SUITE ZOO, HANDISON, MI 53719) AND WICA (MODO TRUSS COUNCIL OF MERICA, 5000 ENTERPRISE LM. MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERNISE IMPLICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. Cq/RT=1.00(1.25)/10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARY FAILING TO BRICH TO THE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ARY FAILING TO BUILD THE ROUGHLESS IN COMPONANCE WITH PEI:

RUSS IN COMPONENS WITH APPLICABLE PROYISIONS OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF FRUSSES, DESIGN CONFORMS WITH APPLICABLE PROYISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFEA) AND TPI.

CONNECTOR FLATES ARE MADE OF 20/19/16GA (M.H./S.Y.) ASTIM ASS GRADE 40/50 (M.K./H.S.) GALV. STEEL. APPLY FLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 15GA-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX AS OF FDII-2002 SEC.3.

ASSAL ON THIS SUTTAINSLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE FRUSS COMPONENT DESIGN SHOWN.

THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc 1950 Marley Drive

ALPINE

Haines City, FL

33844 ation # 5

SOCKNSE. . 59687 * SPACING DUR.FAC. FL/-/4/-/-/R/-

DUR FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SEQN- 14377 REV	HC-ENG JB/AF	DRW HCUSR487 06271035	DATE 09/28/06	REF R487 11428	Scale =.25"/Ft.

24.0"

JRFF-

1T07487_Z02

33844 ation # 5

SPACING

24.0"

JRFF-

1T07487_Z02

SPACING

24.0"

JRFF-

1T0Z48Z_Z0Z

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (6 338 WADE WILLIS CONSTRUCTION MODEL HOME #3 H13C)

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.

יווו מו לבמוחם מ היוורעסומנטלו הממווזיובה מו וווחחם ועוני

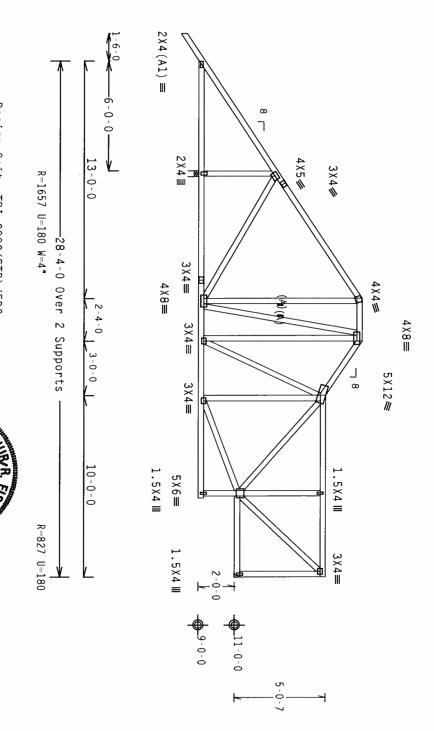
Right end vertical not exposed to wind pressure.

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TBUSS PLATE INSTITUTE, 583 O "OMOFRIO BA. SUITE ZOO, MADISOM, HI 53719) AND MICA (MODO TBUSS COUNCIL OF AMERICA, 5000 EMFERPISE LIA, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED Design Crit: TPI-2002(STD)/FBC Cg/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPONANCE AITH THE!

OFSIGN COMPONEN WITH APPLICABLE PROVISIONS OF NOS (ANTIONAL DESIGN SPEC, BY AF8PA) AND TP!. ALPINE COMMECTOR PALESS ARE MADE OF ZO/103/160A (M.H/S/21) ASTH ASS GRADE 40/50 (W.K/H.S) OALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DAMINGS 160A-2. ANY INSPECTION OF PLATES FOLUNDED BY (1) SHALL BE PER ANKEX AS OF TPIL-ZOOZ SEC. 3. A SEAL ON THIS DESIGN SHOWN OF PLATES FOLUNDED BY (1) SHALL BE PER ANKEX AS OF TPIL-ZOOZ SEC. 3. A SEAL ON THIS DESIGN SHOWN IN THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI//P) 1 SEC. 2.

Alpine Engineered Products, Inc. Haines City, FL

ALPINE

RIGID CEILING.

Sep ENSE o. 59687 FL/-/4/-/-/R/-

TC DL 10.0 PSI BC DL 10.0 PSI BC LL 0.0 PSI TOT.LD. 40.0 PSI DUR.FAC. 1.25 SPACING 24.0"			179
10.0 PSI 10.0 PSI 0.0 PSI 40.0 PSI 1.25 24.0"	TC DL BC DL BC TOT.LD.	TOT.LD.	SPACING
	20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF 40.0 PSF	40.0 PSF	24.0"
DATE 09/28/06 DRW HCUSR487 06271022 HC-ENG JB/AF SEQN- 10038 JREF- 1T0Z487_Z02	REF R487 11432 DATE 09/28/06 DRW HCUSR487 06271022 HC-ENG JB/AF SEON- 10038		JREF - 1T0Z487_Z02

Scale =.1875"/Ft

PLT TYP. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ (A) Continuous lateral bracing equally spaced on member (6-338--WADE WILLIS CONSTRUCTION MODEL HOME #3 Wave ***IMPORTANT***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSCES.

RESULTED THE TRUSCES OF THE PERSON OF TRUSCES, THE TRUSCES OF TRUSCES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ACEA) AND TPI.

CONNECTOR PLAIES ARE MADE OF 20/189/1805, AUH. 1975, ASTH MASS GRADE 40/50 W. KYH.3) GALV. STEEL. APPLY

PLAIES TO EACH FACE OF TRUSCS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A. 2.

ANY INSPECTION OF PLAIES FOLLOWED BY (1) SHALL BE PER ANKEX AS OF TPI1-2002 SEC 3.

ASSEAL ON THIS DESIGN SHOWN.

THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/FPI 1 SEC. 2. **HARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REERE TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THY (TRUSS PLATE INSTITUTE, 583 D'OMOFRIO BR. SUITÉ ZOO, MALISON, MI 53719) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 5300 ENTERPRISE LH. MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. 2X4(A1) =-6-0-0 Design Crit: ω 2 X 4 III 4×5/ 14-2-0 R-1657 U-180 W-4* TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) C 3×4/ -28-4-0 Over 3 X 4 ≡ 4 X 8≡ 4 X 4≡ 2 Supports 2-2-0 Right end vertical not exposed to wind pressure. 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. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. 5X5# 4 X 8≡ 3 X 4 ≡ WENS. .2-0-0 0.59687 1.5X4 III 1.5X4 III 4 X 8 ≡ R-827 U-180 1.5X4 III 3 X 4≡ BC DL TC DL TC LL FL/-/4/-/-/R/-20.0 10.0 10.0 PSF PSF PSF מבווכחסנטוטן סטטוננונכט טו ומשפט ווו מ. DATE REF DRW HCUSR487 06271023 Scale =.1875"/Ft. R487-- 11433 09/28/06

Apine Engineered Products, Inc. Haines City, FL 33844

DUR.FAC.

TOT.LD.

40.0

PSF

SEQN-

0.0

PSF

HC-ENG

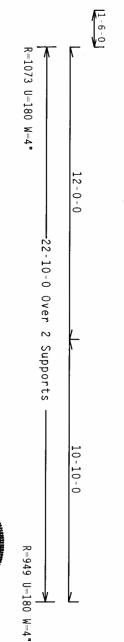
JB/AF 10049

SPACING

24.0" 1.25

JRFF- 1T07487_Z02

ALPINE



3 X 4 (A1) ≡

1.5X4 III

5×6≡

3 X 4 ≡

1.5X4 III

† 11-1-13 ↓

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)7.
WARNING Trusses reduce extreme care in fabrication, mandling, shipping, installing and bracing. Refer to BCS1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'OMOFRIO BA. SUITE 200, MADISON, 41 \$35719) AND MICA (MODO TRUSS COMPCILO MERICA, 6300 ENTERPRISE LIM, MADISON, 41 \$35719) AND MICA (MODO TRUSS COMPCILO MERICA, 6300 ENTERPRISE LIM, MADISON, 41 \$35719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORO SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED SMALL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED SMALL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED SMALL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED SMALL PAMELS AND BOTTOM CHORD SMALL PAMELS AND BOTTOM C

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: MAY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH HEP!

BUSION COMPORTS WITH APPLICABLE PROVISIONS OF FINDS (MATIONAL DESIGN SPEC, BY AFBA,) AND TP!

CONNECTION PLATES ARE MADE OF FOO/BJOINS OF HOS (MATIONAL DESIGN SPEC, BY AFBA,) AND TP!

PLATES TO EACH FACE OF TRUSS, AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAMHROS 160A-Z.

ANY HRSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FEIL-2002 SEC. 3.

ASSAL ON THIS DESIGNED ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUIT-MELITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED PER ANNEX AND SHIP RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

ALPINE

7.24. N.59687

N.59687

TC LL 20.0 F

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TOT.LD. 40.0 F

TOT.LD. 40.0 F

THE

THE

SEPACING 24.0"

SPACING 24.0"

SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1T07487_Z02	2 4 2	SEQN- 14148	HC-ENG JB/AF	DRW HCUSR487 06271005	DATE 09/28/06	REF R487 11434

Scale =.25"/Ft.

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

Wind reactions based on MWFRS pressures

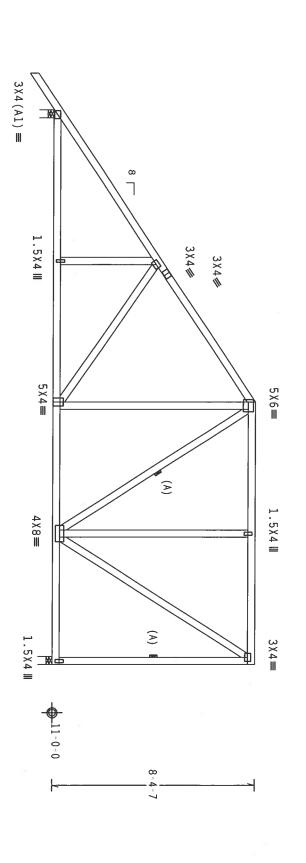
(A) Continuous lateral bracing equally spaced on member.

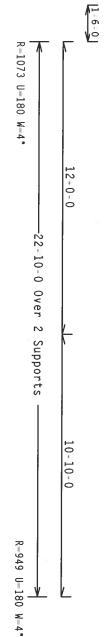
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

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.

Right end vertical not exposed to wind pressure.

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





WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BCSI I-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE. 583 D'ONDERIO BR. SUITE 200, ANDISON, MI 53719) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIESS OTHERMISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CORFORMANCE LITH FPI.

OF FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI.

CONNECTION PAIRES ARE MADE OF 20/12/16/16/06, (N. H.572) ASTH MASS GRADE 40/50 (M. K.H.S.) GAMLY. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PPI1-2002 SEC.3.

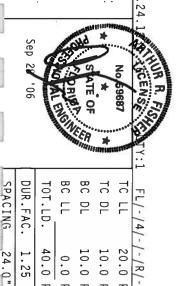
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PPI1-2002 SEC.3.

ORANING INDICANES ACCEPTANCE OF PROFESSIONAL REGIONERS HIGH RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

lpine Engineered Products, Inc.

y Drive FL 33844 FL 33844

ALPINE



					FEEDFLAG	IN THE
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	וכ רר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1T07487_Z02		SEQN- 14152	HC-ENG JB/AF *	DRW HCUSR487 06271006	DATE 09/28/06	REF R487 - 11435

Scale =.25"/Ft

SPACING

24.0"

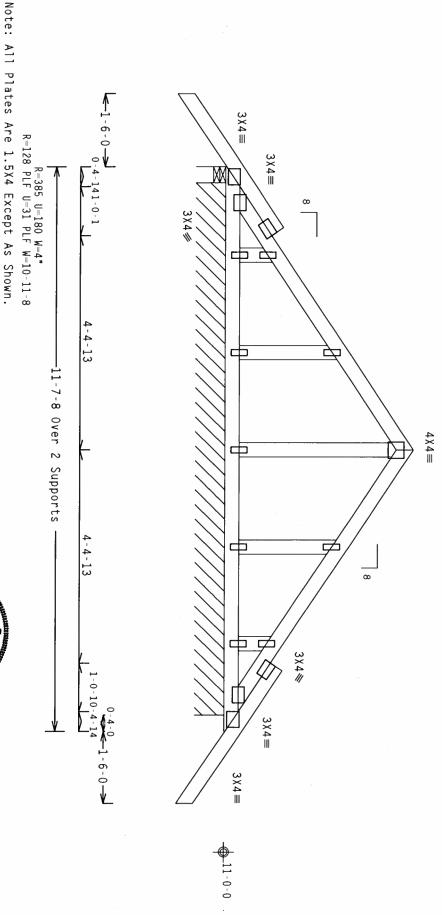
JRFF-

33844 vation # 5/2

SPACING

24.0"

JRFF-



PLT TYP.

Wave

Alpine Engineered Products, Inc. Haines City, FL

33844 ation # 5

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH PIL:

OR FABRICATING. HANDLING, SHALL HAPPING. INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SEC. BY AFRA) AND TPI.

ALPINE CONNECTOR PLATES ARE MADE OF 20/18/160A (M. H/S/K) ASTM A653 GRADE 40/60 (M. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FAGE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DOMAHAGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A 30 F TPI1-2002 SEC.3.

A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

***MARNING** TRUSES REDUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. 1-03 (BUILDING COMPONENT SETETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 583 0'-OMOFRIO BR., SUITE ZOO., MADISON, HI 53719) AND MICA (MODO) TRUSS COUNCIL OF AREELA, 6300 ENTERPRISE LM, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP FUNDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

Design Crit:

TPI-2002 (STD) /FBC

ALHUR R SCENS

STATE OF

BC DL

BC LL

0.0 10.0 PSF

HC-ENG

JB/AF 10148

DRW HCUSR487 06271039

DUR.FAC. SPACING

24.0" 1.25

JRFF -

1702487_202

TOT.LD.

40.0

PSF PSF

SEQN-

REV

*

TC DL

10.0 PSF 20.0 PSF

DATE REF

09/28/06 11439

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

Scale = .5"/Ft. R487--

6.59687

Cq/RT=1.00(1.25)/10(0)

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

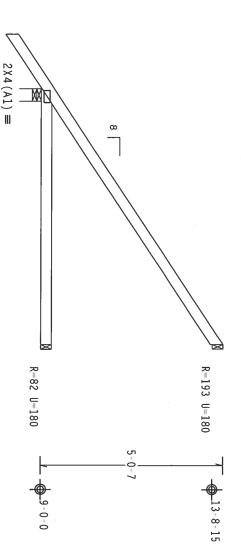
Wind reactions based on MWFRS pressures

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

110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Provide Provide (2 2) 16d common nails(0.162"x3.5"),
16d common nails(0.162"x3.5"), toe nailed nailed at Top chord. at Bot chord.





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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO BEST 1-05 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FID (TRUSS PLATE INSTITUTE, 583
D'OMOFRIO BR. SUITE ZOO. MALISON, H. IS 3719) AND UTCA, (MODO TRUSS COUNCIL OF AMERICA, 5000 ENTERPRISE LH,
MADISON, H. IS 3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

*** IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND TAILUNE TO GENERAL MOT BE RESPONSIBLE FOR ANY DETIATION FROM THIS DESIGN: ANY TAILUNE TO GUILD THE TRUSS IN COMPONANCE WITH TET:

BUSIGN COMPONES WITH APPLICABLE PROVISIONS OF MOS (MATIDALA DESIGN SPEC, BY ASEA) AND TPI.

APPLICABLE OF 20/18) IGGA (W.H.5/5) ASIM ASSO GRADE 40/50 (W.K.H.5) GALV. STEEL.

APPLICABLE TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWHINGS 160A. Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER AMER AS 30 FIDE 2002 SEC.3.

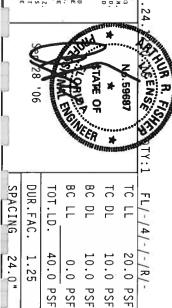
ASSAL ON THIS DESIGN SACEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMESICAL Z.

lpine Engineered Products, Inc.

33844 *ation # 5

ALPINE



10.0 PSF

DATE REF

09/28/06

Scale =.375"/Ft. R487-- 11440

10.0 PSF 0.0 PSF

DRW HCUSR487 06271043

PSF

SEQN-

HC-ENG

JB/AF 14250

24.0" 1.25

JRFF-

1T0Z487_Z0Z

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

Wind reactions based on MWFRS pressures

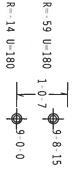
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110~mph wind, 15.00~ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0

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

Provide (2) 16d common nails(0.162*x3.5*),
2) 16d common nails(0.162*x3.5*), toe nailed at Top chord at Bot chord





1-6-0-√

1-0-0 0 ver 104 7

R=261 U=180 W=4"

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

PLT

TYP.

Wave

***MARNING** TRUSESS REQUIRE EXTREME CARE IN FABRICATION, MANDISME, SHPPING, INSTALLING AND BRACING.

REFER TO BEST I DO. SQUILOUNG COMPOREM SAFETY INCHICATION), PUBLISMED BY FOT CYBLUS CALCE INSTITUTE, 803
D'ONDERICO DR. SUITE 200, MADISME ME SAFETY MOD HOLD, AND H RIGIO CEILING.

***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RUSS IN COMPONENCE WITH PEI:

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Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844

CENS 유교 69687 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-

40.0

SEQN-

HC-ENG

JB/AF 14155

24.0" 1.25

JRFF-

1T07487_Z02

10.0 PSF 20.0 PSF

DATE REF

09/28/06

Scale =.5"/Ft.

R487-- 11441

10.0 PSF 0.0 PSF PSF

DRW HCUSR487 06271025

SPACING

JRFF-

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

Wind reactions based on MWFRS pressures.

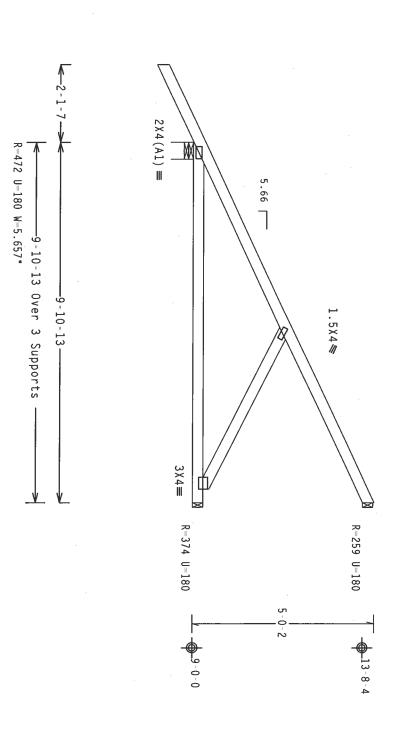
Hipjack supports 7-0-0 setback jacks with no webs.

Provide (Provide 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord 3) 16d common nails (0.162"x3.5"), toe nailed at Bot chord

> 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, ASCE wind 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0

In lieu of structural panels or rigid ceiling use purlins to brace @ 24 $^{\circ}$ OC, BC @ 24 $^{\circ}$ OC.

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



PLT

TYP.

Wave

Alpine Engineered Products, Inc 1950 Marley Drive

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI:

OF FABRICATING, HANDLING, SHPPING, INSTALLING A BRACING OF TRUSSES, DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF AND SHATIONAL DESIGN SPEC, BY ATSPA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/1660 (M. H/SY) ASTM A653 GRADE 40/60 (M. K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3.

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

ORAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

#ARNING. TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP! (TRUSS PLATE INSTITUTE, 583 0'OMDFRIO DR., SUITE ZOO, MADISON, NI 53718) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, SDOC BRIEFRESE LH, MADISON, NI 53718) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE IMPICATED. 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)/10(0)

MENSE o. 59687

TC LL

20.0 PSF

REF

Scale = .375"/Ft. R487-- 11443

DATE

09/28/06

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

유

BC LL BC DL TC DL

0.0 PSF PSF

10.0 PSF 10.0 PSF

DRW HCUSR487 06271041

JB/AF

TOT.LD.

40.0

SEQN-HC-ENG

10079

SPACING DUR.FAC.

24.0"

JRFF-

1T07487_Z02

1.25

Haines City, FL

33844 ation # 567

DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1

(6-338--WADE WILLIS CONSTRUCTION MODEL HOME #3

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

Wind reactions based on MWFRS pressures.

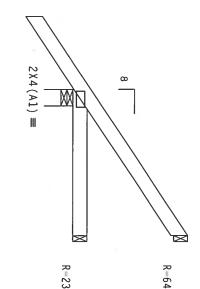
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

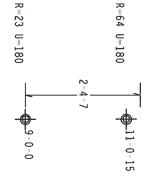
110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind psf. 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0

נוזה מנות ווצרונושלם וואמו המנו מנובה דנונותי (בהטמת מ מזורשת מנון את מתוודוובה מז נוחקת נוו מי

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

Provide (2) 16d common nails(0.162"x3.5"),
2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. toe nailed at Bot chord.





1-6-0-√ R-268 U=180 W=4" 3-0-0 Over 3 Supports

Design Crit:

TYP.

Wave

MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPY (TRUSS PLATE INSTITUTE, SEAS O'O'NOFFRIO OR., SUITE ZOO, MADISON, NI 53718) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, SOOG ENTERPRISE LH. MADISON, NI 53718) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANTFORMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FAILURE TO BUILD THE FRUSTS IN CONFORMACE WITH MIP II:

BUSISH CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ASEA) AND TP!.

CONNECTION FALES ARE MADE OF ZO/JAD JOECA (W.H.S.YA) ASIM ASSO GRADE 40/50 (W.K.M.S.) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWHINGS 160A Z. ANY INSPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER AMER X.3 OF FRI: 2002 SEC.3. A SEAL ON THIS DESIGN SHOWN.

DRAWHOR INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT DESIGN SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSI/TPI I SEC. Z.

Alpine Engineered Products, Inc.

ALPINE

BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-40.0 10.0 PSF 20.0 PSF 10.0 PSF 0.0

PSF PSF

SEQN-HC-ENG DATE REF

09/28/06

Scale =.5"/Ft.

R487-- 11444

DRW HCUSR487 06271007

JB/AF 14160

24.0" 1.25

JRFF-

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 PLT 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. Top chord 2x4 SP Bot chord 2x4 SP (6-338--WADE WILLIS CONSTRUCTION MODEL HOME #3 TYP. ALPINE Wave #2 Dense #2 Dense ***IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

RUSS IN CORPORANCE WITH APPLICABLE PROVISIONS OF ROS (MATIONAL DESIGN SPEC, BY AFRAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/19/19/6A, (M.H./S/Y.) ASTM MASS GRADE 40/50 (M. K/H.S) GAV. STEEL.

APPLY

PLATES TO EACH FACE OF TRUSS AND. DUBLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHROS 160A-Z.

ANY IMSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX AS OF FPI1-2002 SEC.3.

ASSAL ON THIS DESIGN SHOWN.

THE SUITABLILITY AND DISE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI 1 SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING,
REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583
0 "OMOFRIO DR. SUITE 200, HADISON, HI 53719) AND WICA (MODO RIUSS COUNCIL OF AMERICA, 6300 ENTERPRISE INMADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED.
TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED
RIGID CEILING. 1-6-0-1 $2X4(A1) \equiv$ Design Crit: W 339 U=180 W=4" ω -5-0-0 Over 3 Supports CJ5) TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) Provide (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. In lieu of structural panels or rigid ceiling use purlins to brace TC @ $24\mbox{"}$ OC, BC @ $24\mbox{"}$ OC. R=53 U=180 R=131 U=180 2) 16d common nails(0.162"x3.5"),
2) 16d common nails(0.162"x3.5"), ENS . 59687 8-7 _12-4-15 BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/toe nailed at Top chord. toe nailed at Bot chord. 40.0 10.0 PSF 20.0 PSF 10.0 PSF 1.25 0.0 PSF PSF JRFF-DATE REF SEQN-HC-ENG DRW HCUSR487 06271008 Scale = .5"/Ft. R487-- 11445 JB/AF 14163 09/28/06

SPACING

24.0"

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

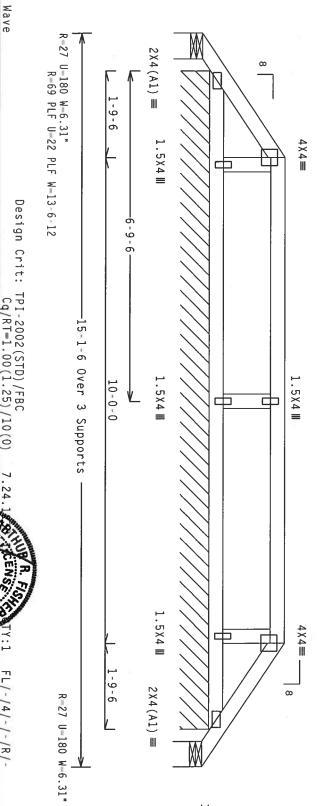
Wind reactions based on MWFRS pressures

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

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 19.85 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST 1-D. (BOILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY IP! (TRUSS PLATE INSTITUTE, 583 D'OMOFILO BR. SUITE ZOO, MADISON, HI 53718) AND WITCA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LH, MADISON, HI 53718) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE MOJECATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. Cq/RT=1.00(1.25)/10(0)

PLT TYP.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE TRUSS IN COMPONEME HITH FIT:

OF FABRICATING, HANDLING, SHIPPING, INSTALLUR, SHIPPING, INSTALLUR, BRACING OF TRUSSES, DESIGN COMPORMANCE WITH PRILOCABLE PROVISIONS OF NOS (MATIONAL DESIGN SECE, MY FARA) AND TPI.

CONNECTOR PLATES ARE HADE OF 70/18/166A (M.H/S/K) ASTM A653 GRADE 40/56 (M. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHER SEC LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-1Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF FPII-2002 SEC.3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF FPII-2002 SEC.3.

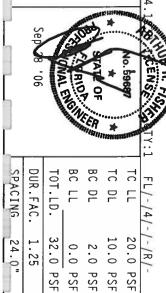
RAMING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TP1 1

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL

33844 2ation # 5



2.0 PSF

DRW HCUSR487 06271026

PSF PSF

HC-ENG

JB/AF 10108

SEQN-

PSF

Scale =.5"/Ft. R487--

DATE REF

09/28/06 11446

24.0" 1.25 JRFF-1T07487_Z02

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

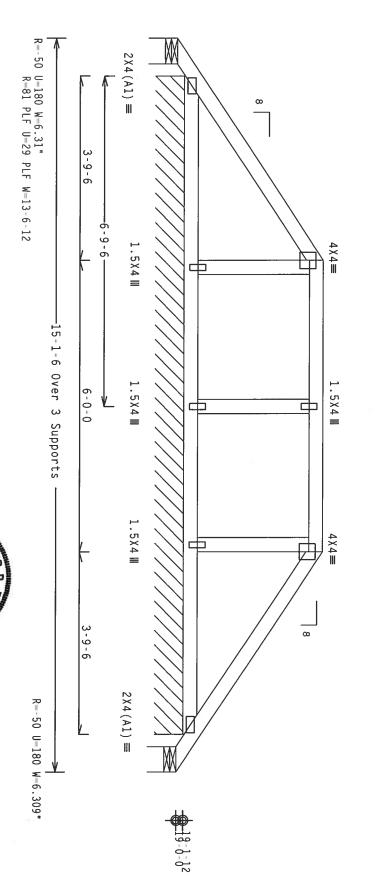
Wind reactions based on MWFRS pressures.

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

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 20.52 ft mean hgt, ASCE 7-02, CLOSED located within 4.50 ft from roof edge, CAT II, EXP DL=5.0 psf, wind BC DL=1.2 psf. D bldg, not P B, wind TC

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



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

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR. SUITE ZOO, MADISON, HI 63719) AND MICA (MODO TRUSS COUNCIL TO AMERICA, 6300 ENTERPRISE LW, MADISON, HI 63719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

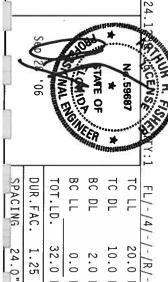
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE RESPONSISH CONFIGNANCE HITH FPI;

OF FARRICATION, HAD THE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AGRA) AND TPI. APPLY CONNECTION PARTES ARE AND OF 20/10/16/GA (M H J/S/M ASTH ASSE) GRADE 40/50 (M K/H S) GAU, STEEL, APPLY PALTES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANTEX AS OF PPIL-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPANCE OF PROFESSIONAL REGIONERS HAD RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

THE SUITABILITY AND USE OF THIS COMPONENT FOR R PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844

ALPINE



10.0 PSF 20.0 PSF

DATE REF

09/28/06 11447

Scale =.5"/Ft. R487--

24.0" 1.25 JRFF -1T07487_Z02

32.0

SEQN-

0.0 2.0 PSF

PSF PSF

HC-ENG

JB/AF 10111

DRW HCUSR487 06271027

Top chord 2x4 Bot chord 2x4 Webs 2x4 110 mph wind, 21.19 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=1.2 psf. \$\$\$ #2 Dense #2 Dense #3

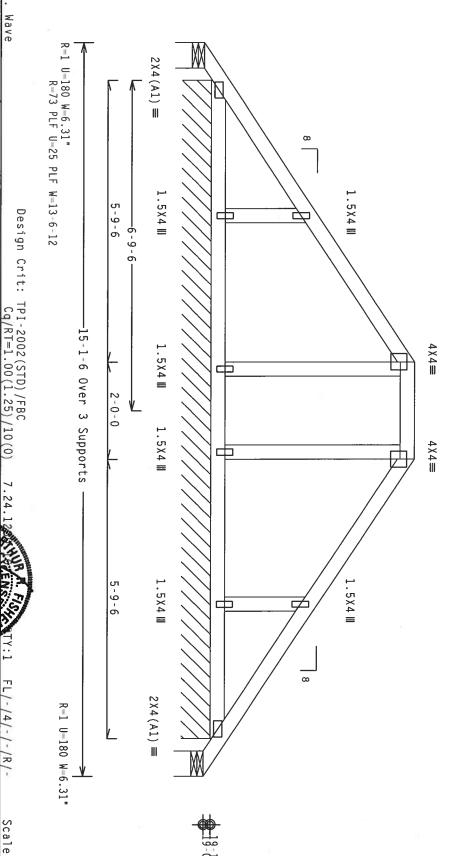
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

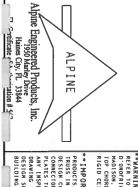
SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PL
TC - From 64 PLF at 0.00 to
BC - From 4 PLF at 0.00 to PLATE E DUR.FAC.=
64 PLF at
4 PLF at .=1.25) 15.11 15.11

Wind reactions based on MWFRS pressures.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24 $^{\circ}$ OC, BC @ 24 $^{\circ}$ OC.

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for details. PORTION OF TRUSS UNDER PIGGYBACK IS BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.





PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PHBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983
D'ONDEFIO DR.. SUITE 200. ANDISON, HI 53719) AND HOTCA (MODD TRUSS COUNCIL OF AMERICA, 8000 ENTERPRISE LR.
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS CHERCHISE (MOTCATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARY FAILER TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILER TO BUILD THE TRUSS IN COMPONANCE WITH HET!

BESIGN COMPONS WITH APPLICABLE PROVISIONS OF HDS (MATIONAL DESIGN SPEC, BY ATERA) AND TPI.

CONNECTION PLATES ARE MADE OF 20/18/16GA (M.H./S.Y.) ASTH AGS GRADE 40/60 W. K/H.S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRANHOS 160A-Z.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PPI1-2002 SEC. 3.

ASSEA, ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNEP PER ANSI/TPI 1 SEC. 2.

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

_						
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1T07487_Z02		SEQN- 10115	HC-ENG JB/AF	DRW HCUSR487 06271028	DATE 09/28/06	REF R487 11448

Scale

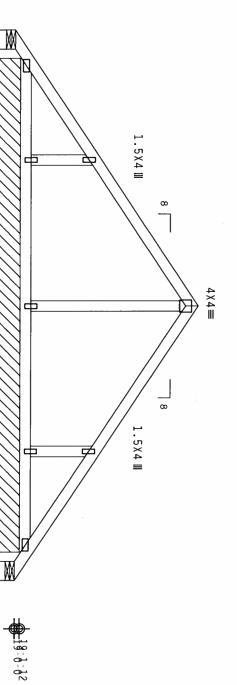
.5"/Ft

110 mph wind, 21.52 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=1.2 psf.

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

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 5 6 6 PLATE E DUR.FAC.=1.25)
64 PLF at 7.56
64 PLF at 15.11
4 PLF at 15.11



R=11 U=180 W=6.31" R=72 PLF U=24 PLF W=13-6-12 15-1-6 Over 3 Supports R=11 U=180 W=6.31"

2X4(A1) =

5×4 II

. 5×4

5×4 III

2X4(A1) =

თ 6-9-6 9-6

6-9-6

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

PLT TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 583 D'OMOFRIO BN. SUITE 200, MADISON, 41 (53719) AND MICA (MODO FRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM, MADISON, 41 (53719) FOR SAFETY PRACTICES PRIDE 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.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE REQUEST.

BROOMERS IN COMPORNANCE HITH FPI:

OPESIGN COMPORNS WITH APPLICABLE PROVISIONS OF RUDS (NATIONAL DESIGN SECE, MESTAL AND IPI).

CONNECTION PLACES ARE ANGE OF 20/18/16GA (M.H/S/K) ASIM AGS3 GRADE 40/56 (M. K/H.S.) GALV. STEEL. APPLY PLAIES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWHORS 160A-Z. ANY INSPECTION OF PLAIES FOLLOWED BY (I) SHALL BE PER ANNEX A.30 F FPI1.2002 SEC.3.

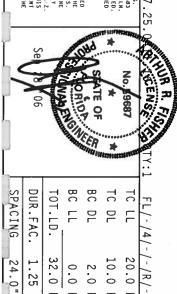
BRAWHIGH INDICALES ACCEPTANCE OF PROFESSIONAL REGIONER HIS RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844



-						
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	וכ רר
24.0"	1.25	32.0 PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 PSF
JRFF - 1T07487_Z02		SEQN- 64548 REV	HC-ENG JB/AF	DRW HCUSR487 06271029	DATE 09/28/06	REF R487 11449

Scale =

.375"/Ft

PLT TYP. Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. (**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures Alpine Engineered Products, Inc. (6-338--WADE WILLIS CONSTRUCTION MODEL HOME #3 Haines City, FL 33844 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFINION FROM THIS DESIGN. CHAY. ANY FAILURE TO BUILD THE FROUGETS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFINION, HANDLING, SHPPING. LISTALLING BEACHE OF BRUIND THE FRUSTS. DESIGN CONFORMANCE WITH PIP.

OF ABELCATING, HANDLING, FRONTYSIONS OF ROS (MATIONAL DESIGN SPCC, W. K/M.S) GALV. STEEL. APPLY CONNECTION PLATES ARE AAGE OF 20/18/16/36 (W.H.K/M.S) GALV. STEEL. APPLY PAATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 190A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.S OF FPIL-2002 SEC. 3. SEAL ON THIS DESIGN MATORISE LOCATED ON THIS DESIGN. POSITION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.S OF FPIL-2002 SEC. 3. SEAL ON THIS DRAWING INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.S OF FPIL-2002 SEC. 3. SEAL ON THIS DESIGN MATORISE LITTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY HEOBRACIADN), PUBLISHED BY TPI (RIUSS PLATE HISTITUTE, 983)
D'ONOFRIO BR., SUITE 200, ANDISON, H. 153719) AND MYCA, (MODD FRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM,
MADISON, MI 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 RÍGIO CEILING. $2X4(A1) \equiv$ U-180 W-6.31" R-72 PLF U-25 Design Crit: 1.5X4 III PLF W-12-9-14 .5X4 III 6-4-15 6-9-6 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 13-10-11 0ver 3 Supports . 5×4 4×4≡ SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 13.89
A PIF at 0.00 to 4 PLF at 13.89 110 mph wind, 21.52 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ω 1.5X4 Ⅲ .5X4 Ⅲ LENSE o. 59687 הידה השם ושרושה בישהו בהש הנדש דוש הי לבהשה פ הדוורשיזרשים! המחודוובה חז ושהיה וושי R -0 1.5X4(**) Ⅲ U=180 W-3.5" 3×4≡ M ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC BC LL BC DL TC DL דכ רר DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 10.0 10.0 20.0 1.250.0 PSF PSF PSF PSF PSF REF SEQN-DATE HC-ENG DRW HCUSR487 06271030 Scale = .375"/Ft. R487--JB/AF 09/28/06 10124 11450

SPACING

24.0"

JREF-

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # PLT TYP. Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24 $^{\circ}$ OC, BC @ 24 $^{\circ}$ OC. Wind reactions based on MWFRS pressures. Alpine Engineered Products, Inc. 1950 Marley Drive (6 338 WADE WILLIS CONSTRUCTION MODEL HOME #3 Haines City, FL 33844 ALPINE Wave #2 Dense #2 Dense #3 2X4(A1) =1 U=180 W=6.31" R=73 PLF U=25 PLF W=12-9-14 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FE! OF FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGNS SPEC, BY AFSPA) AND TP!. APPINE COMMECTIOR PAIRST ARE AND OF ZO/IB/16GA (M.H.S.Y) ASIM AGES GRADE 40/50 (M.K.H.S.) GALV. STEEL. APPLY PAIRST TO EACH FACE OF TRUSS AND. UNRISS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A. Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANYEL AS OF PIDI-2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE TRUSS COMPONENT BUILDING DESIGNER PER ASSI//PI 1 SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHPPING. INSTALLING AND REACING.
REFER TO BESI 1 OS (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ESS)
D'ONOFRIO DR. SUITE 200, MADISON, H.I 53719), AND HICA (MODD GRUSS COUNCIL OF AMERICA, 5000 ENTERPRISE LN.
HADISON, H.I 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTMERNISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING. œ 4-9-6 1.5X4 Ⅲ 5×4 **|** Design Crit: 毎 -6-4-15 13-10-11 Over 3 Supports 4×4≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ Р3) .5X4 III \Box 4-0-0 /10(0)Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 110 mph wind, 20.85 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=1.2 psf. (**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements. 1.5X4 III 4×4≡ 5 MENS . 59687 1.5X4 III ω .5X4 Ⅲ 4-4-0 R=0 BC LL BC DL TC DL TC LL DUR.FAC SPACING TOT.LD. U=180 W=3.5" FL/-/4/-/-/R/-3 \ 4 = 10.0 20.0 32.0 24.0" 1.25 0.0 2.0 frame a commence designing of these PSF PSF PSF PSF PSF DATE REF JRFF-SEQN-HC-ENG DRW HCUSR487 06271031 Scale = .5" R487--1T07487_Z02 JB/AF 09/28/06 10129 /Ft. 11451

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

Wind reactions based on MWFRS pressures.

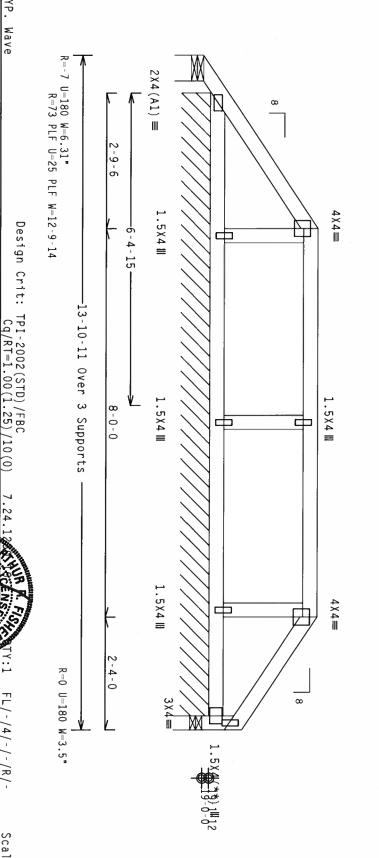
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

110 mph wind, 20.19 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=1.2 psf.

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



PLT TYP. Alpine Engineered Products, Inc. Haines City, FL 33844
Tr Crtificate of Authoritation # 567 ALPINE Wave RIGID CEILING

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BESI 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583)
D'ONOFRIO DR., SUITE 2001, HADISON, HI 33719) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 5000 ENTERPISE LK,
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLINE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLINE TO BUILD THE TRUSS IN COMPONANCE WITH FPI:

OF ABRICATION, HADDLING, SHIPPING, INSTALLING & BRACHEN OF TRUSSES, DESIGN COMPONENS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, 89 AFSPA) AND TPI.

CONNECTOR PLATES ARE MADE OF ZO/18716GA (M.H.574) ASTH MASS GRADE 40/50 (M.K.H.8) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. DUMESS OTHERNISE LOCATED ON HIS DESIGN. POSITION PER DRAJNIGS 150A. Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PPI1-ZORZ SEC. 3.

AS AS ALON THIS DESIGN SHOWN. THE SUITABLE TY AND USE OF THIS COMPONENT FON ANY BUILDING IS THE RESPONSIBILITY AND USE OF THIS COMPONENT FON ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER FER ANS/JPPI 1 SEC. 2.

DUR.FAC BC LL BC DL TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-32.0 24.0" 10.0 PSF 20.0 PSF 1.25 0.0 2.0 PSF

PSF PSF

SEQN-HC-ENG DATE REF

09/28/06 11452

Scale =.5"/Ft R487--

DRW HCUSR487 06271032

JB/AF 10133

JRFF-

1T07487

202

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

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

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

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

T-BRACING

OR

L-BRACING:

APPLY TO EITHER SIDE OF WEB

NARROW FACE

ATTACH WITH 16d NAILS AT 6" O.C.

BRACE IS A MINIMUM 80% OF WEB

MEMBER LENGTH

T-BRACE

L-BRACE

L-BRACE

L-BRACE

L-BRACE

L-BRACE

L-BRACE

SCAB BRACING:

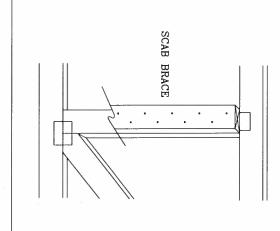
APPLY SCAB(S) TO WIDE FACE OF WEB.

NO MORE THAN (1) SCAB PER FACE.

ATTACH WITH 10d OR .128"x3" GUN

NAILS AT 6" O.C. BRACE IS A MINIMUM

80% OF WEB MEMBER LENGTH



THIS
DRAWING
REPLACES
DRAWING
579,640

PSF REF CLB SUBS PSF DATE 11/26/03	ער	F 7	OT. LD.	BC LL TOT. LD. DUR. FAC.
PSF REF CLB SUBST. PSF DATE 11/26/03	בו	LL PSF	D.	.D. FAC.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI 1-03 (BILL DING CURPINENT SAFETY INTERNATION), PUBLISHED BY TPI (TRUS PLATE INSTITUTE, 583 D'ONDFRID DR., SUITE 200, MADISON, VI. 5379) AND VTCA (VOIDD TRUSS COUNCIDT AMERICA, 6300 ENTERPRISE LIN, MADISON, VI. 5379) FOR SAFETY PRACTICES PRIDE TIO PERFORMING THESE FUNCTIONS. UNESSE OTHERVISE INDICATED, TIOP CONDO SHALL HAVE PROBERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORYANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS. MIC. SHALL NIT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH FPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING SHACING OF TRUSS SHIPPING, INSTALLING SHACING SHAPING THE FROM SHALL DESIGN AND AFFARA AND THE ALPINE CONNECTOR PLATES ARE HADE OF 20/18/166A (**)/15/** ASTH AGES GRAN 40/60 (**)/15/** AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING IS T

ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, ||1.00, EXPOSURE \bigcirc

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			j j	ν. Τ) }	TIT	I I I	נילט	Ω J J			1	υ. Τ) j	TTT	I I	מל	ב ב ב	1		1	<u>ر</u>)	TTT	ij	ひてっ	משש	SPECIES	2X4	
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE	
	4' 11"	5, 0,	5. O	5' 3"	5, 4,"	4' 9"	4' 9"	4' 9"	4' 11"	4 5	4' 6"	4. 6.	4' 9"	4' 10"	4, 4,	4' 4"	4, 4,	4, 5,	3' 10"	4. 0	4. 0.	4' 2"	4' 3"	3. 9.	3' 9"	3′ 9″	3' 10"	BRACES	Z.	
	7' 5"	8, 5,	8,	8' 5"	8' 5"	7' 3"	α, σ,	B)	8 _. 5 _. "	6' 5"	7' 6"	7' 7"	7' 8"	7' 8"	6' 4"	7' 4"	7' 4"	7' 8"	ა ე	6' 1"	6, 2,	6' 8"	6, 8,	5, 8,	6'0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "I	
	7' 5"	8' 7"	8, 5,	9' 1"	9' 1"	7' 3"	8, 5,	~	8, 8,	6, 2,	7' 6"	7' 7"	8, 3,	æ ω	6' 4"	7' 4"	7' 4"	7' 10"	ნ! ც:	6' 1"	ල දැ	7' 2"		5' 2"	6' 0"	6' 0"	6' 10"	GROUP B	1X4 "L" BRACE *	
	9' 10"	10' 0"	10' 0"	10' 0"	10' 0"	9' 7"	10' 0"	10' 0"	10'0"	8' 6"	9' 1"	9' 1"	9' 1"	9' 1"	8, 4,	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7'11"	6' 9"	7'11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "L"	
NWAS	9' 10"	10' 6"	10′ 6″	10' 9"	10' 9"	9' 7"	10' 0"	10' 0"	10′ 3″	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6'11"	8'0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8′ 1″	GROUP B	" BRACE *	
Š	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	9' 4"	9' 5"	9' 5"	9'5"	9' 5"	9' 1"	9' 5"	9' 5"	9' 5"	GROUP A	(2) 2X4 "L"	
	12' 3"	12' 6"	12' 6"	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"		11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	" BRACE **	
	14' 0"	14'0"	14' 0"	14' 0"	14' 0"	14' 0"	14'0"	14' 0"		13′ 3″	14' 0"	14' 0"	14' 0"			14' 0"	14' 0"	14' 0"	10' 10"		12' 5"	12' 5"	12' 5"	10′7″	12' 3"	12' 4"	12' 5"	GROUP A	(1) 2X6 "L"	
	14' 0"		14' 0"			14' 0"	14' 0"	14′0″	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	- 1	14' 0"	14' 0"				13' 5"	13′ 5″			12' 4"	12' 9"	GROUP B	" BRACE *	
	14′0″	14' 0"	14′0"	14' 0"	14′0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	- 1		-1	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"	
	14′0″	14′0″	14' 0"	- 1	14' 0"	14' 0"	- 1	14' 0"	14' 0"	14′0″	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	- 1	14' 0"		- 1	14' 0"	14' 0"	- 1	14' 0"	14' 0"		14′0"	14' 0"	GROUP B	BRACE **	

DOUGLAS FIR-LARCH #3

SOUTHERN PINE #3 STUD STANDARD

STUD STANDARD

GROUP B:

HEM-FIR #1 & BTR #1

#1 / #2 STANDARD
#3 STUD

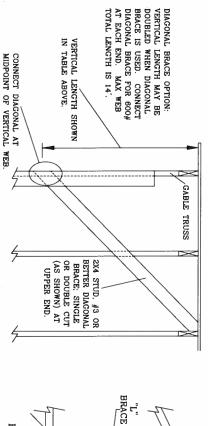
HEM-FIR
2 STUD
3 STANDARD

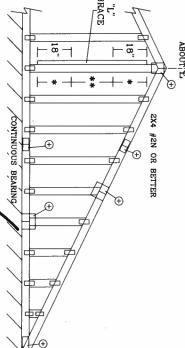
BRACING GROUP SPECIES

AND GRADES:

GROUP

P





GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE

DOUGLAS FIR-LARCH

#2

75

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

PLYWOOD OVERHANG.

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

MEMBER LENGTH.

	2.5X4		EATER THAN 11'6"
	2X4	BUT	EATER THAN 4' 0". LESS THAN 11' 6"
	1X4 OR 2X3		S THAN 4' 0"
	NO SPLICE		VERTICAL LENGTH
	E SIZES	PLAT	ABLE VERTICAL PLATE SIZES
Į			

CRE REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

MAVARHINGAM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 DYNORRIO DR., SUITE 200, MADISON, VI. 53719) AND VICA (VUDIO TRUSS COLNCIL DF AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 53719) FIR SAFETY PRACTICES PRIDR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REFER TO CHART ABOVE FOR MAX,

GABLE VERTICAL LENGTH

MEMPRITANIAM FURNISH CORP OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSSS IN CONFORMANCE VITH FIJ OR FABRICATION, HANDLING, SHPPING, INSTALLING BRACING OF TRUSSES. DESIGN CONFORMS VITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFSIA) AND THI. ALPINC CONNECTOR PLATES ARE MADE OF 207/81/564 (V,H/S)/AS ASTH ASS GRADE 40/60 (V,K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERVISE LOCATED ON THIS DESIGN, POSITION FOR DRAVINGS 160A-2. ANY INSPECTION OF PLATES TO LEACH FACE OF TRUSS AND, UNLESS OTHERVISE LOCATED ON THIS DESIGN, POSITION FOR DRAVINGS 160A-2. ANY INSPECTION OF PLATES TOLLAYED BY () SHALL BE PER ANNEX AS OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLD LELY FOR THE TRUSS COMPONENT DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

ALL PARTY SIONAL ENGINEER STATE OF CENSE lo. 59687 × * MAX. MAX.

TOT. LD. 60 PSF

SPACING 24.0" DATE REF -ENG DRWG A11015EE0405 04/15/05ASCE7-02-GAB11015

ASCE 7-02: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, 11 1.00, EXPOSURE

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		1	2	,,		0	.(٦.			1	6	,,		0	. (٦,			2	4	"		0	. (J.		SPACING	IdVD	
			1	().) j	TTT		UT)]]	1]	<i>ل</i> ا)	TII	I I	נו	Ω]		<u> </u>]	(). T) j	TIT	I I	r, L,]]	SPACING SPECIES	CABIE VERTICAL	
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE	
	4' 7"	4' 9"	4' 9"	4' 11"	5 <u>.</u>	4' 6"	4' 6"	4' 6"	4' 7"	4' 2"	4' 4"	4' 4"	4' 6"	4' 7"	4' 1"	4' 1"	4' 1"	4, 5,	3' 8"	3' 9"	3' 9"	3' 11"	4' 0"	3' 7"	3' 7"	3' 7"	3' 8"	BRACES	N O	
	6' 9"	7' 9"	7' 11"	8' 0"	8, 0,	6' 7"	7' 8"	7' 8"	8' 0"	5' 10"	6' 9"	6' 10"	٠.		5' 8"	8' 0"	ල. ල.	7' 3"	4' 9"	5' 6"	5' 7"	6' 4"	6' 4"	4' 8"	5' 5"	5' 5"	6' 4"	GROUP A	(1) 1X4 "1	
	6' 9"	7' 9"	7' 11"	8' 7"	8' 7"	6' 7"	7' 8"	7' 8"	8,	5' 10"	6' 9"	6' 10"	7' 9"		5' 8"	8' 0"		7' 5"	4' 9"	5' 6"	5' 7"	6' 10"	6' 10"	4' 8"	5' 5"	5' 5"	6' 6"	GROUP B	1X4 "L" BRACE *	
	8' 10"	9' 5"	9' 5"	9' 5"	9' 5"	8' 8"	9' 5"	9' 5"	9' 5"	7' 8"	8' 7"	8' 7"	8' 7"	8' 7"	7' 6"	8' 7"	8' 7"	8' 7"	6' 3"	7' 3"	7' 4"	7' 6"	7' 6"	6' 1"	7' 1"	7' 2"	7' 6"	GROUP A	(1) 2X4 "L"	
SI WWAS	8' 10"	9' 11"	9' 11"	10' 2"	10' 2"	8' 8"	9' 5"	9' 5"	9' 8"	7' 8"	8' 11"	9' 0"	9' 3"	9' 3"		8' 7"	8' 7"	8' 10"	6, 3,		7' 4"	8' 1"	8' 1"	6' 1"	7' 1"	7' 2"	7' 8"	GROUP B	L" BRACE *	
X	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	10' 3"	10′ 3″	10' 3"	10' 3"	10' 3"	10' 1"	10' 3"	10' 3"	10' 3"	8'5"	8' 11"	8' 11"	8' 11"	8' 11"	8' 3"	8' 11"	8' 11"	8' 11"	GROUP A	(2) 2X4 "L"	
	11' 7"	11' 10"	11' 10"	12' 1"	12' 1"	11' 3"	11' 3"	11' 3"	11' 7"	10' 4"	10' 9"	10' 9"	11' 0"	11' 0"		10′ 3″	10′ 3″	10′ 6″	8' 5"		9' 5"	9' 7"	9' 7"	8' 3"	8' 11"	8' 11"	9 2	GROUP B	BRACE **	
	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"	13' 6"	14' 0"	14' 0"	14' 0"	11' 11"	13' 5"	13' 5"	13' 5"	13' 5"	11' 8"	13' 5"	13' 5"	13' 5"	9' 9"	11' 4"	11' 5"	11' 9"	11' 9"	9' 6"	11' 1"	11' 2"	11' 9"	GROUP A	(1) 2X6 "L"	
	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"	13' 6"	14' 0"	14' 0"	14' 0"	11' 11"	14' 0"		14' 0"	14' 0"	11' 8"	13' 5"		13' 10"	9, 9,	11' 4"		12' 8"	12' 8"	9' 6"	11' 1"	11' 2"	12' 1"	GROUP B	BRACE *	
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	1		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	- 1	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"	
	14' 0"	14' 0"	14' 0"	14′0″	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14'0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	GROUP B	BRACE **	

DOUGLAS FIR-LARCH #3 STUD

SOUTHERN PINE STUD STANDARD

STANDARD

GROUP B: HEM-FIR #1 & BTR #1

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

HEM-FIR
STUD
STANDARD

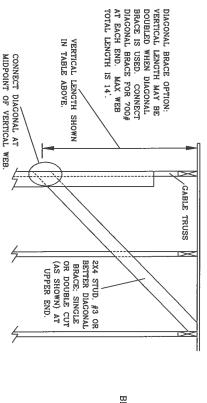
BRACING GROUP SPECIES

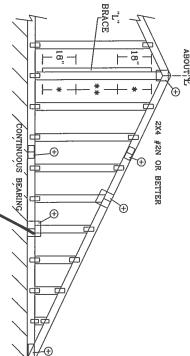
AND

GRADES:

GROUP

2





GABLE TRUSS DETAIL NOTES

SOUTHERN PINE

DOUGLAS FIR-LARCH

GABLE END SUPPORTS LOAD FROM 4' 0" PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD). LIVE LOAD DEFLECTION CRITERIA IS L/240. PLYWOOD OVERHANG. OUTLOOKERS WITH 2' 0" OVERHANG, OR 12"

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
IN 16" END ZONES AND 4" O.C. BETWEEN ZONES.

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

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

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REFER 1	GREATER	GREATER LESS T	LESS THAN 4	VERTI	GABLE
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+ REFER TO COMMON TRUSS DESIGN FOR	GREATER THAN 11' 6"	GREATER THAN 4' 0", BUT LESS THAN 11' 6"	4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
TRUSS	_	BUT			PLAT
ы			×	z	E
ESIGN	2.5X4	2X4	1X4 OR 2X3	NO SPLICE	SIZES
FOR			X3	CE	UJ.

PEAK, SPLICE, AND HEEL PLATES.

WHYDDER'ANIWM FURNISH CORY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSS IN COMPORMANCE WITH FPI) OR FABRICATING, HANDLING, SHPPING, INSTALLING & SPEC, BRACING OF TRUSSES. DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SPEC, BY AFRON AND TPI, ALPINE CONNECTION PLATES ARE MADE OF 207/87/66A (Y,H/S), ASTH AGS GRADE AV/60 (Y,K/H,S) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAVINGS 160A-Z. ANY INSPECTION OF PLATES TO LEVE ON THE SPECIAL OF TRUSS COMPONENT DESIGN SHOWN. THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS DECIMENT OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE



REFER TO CHART ABOVE FOR MAX

GABLE VERTICAL LENGTH

MAX. TOT. LD. 60 PSF DATE -ENG DRWG

SPACING 24.0 REF A11030EE0405 04/14/05 ASCE7-02-GAB11030

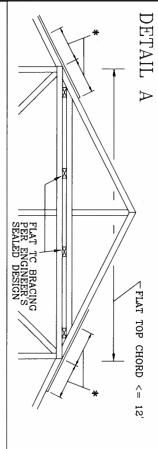
PIGGYBACK

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

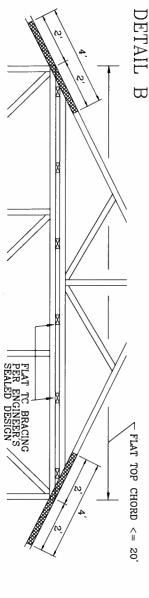
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS. MUST BE ADEQUATLY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE

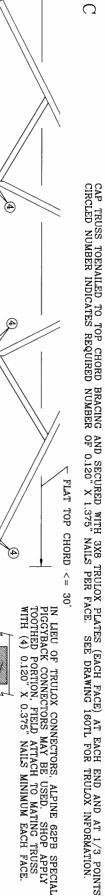


PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"X3") SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C. NAILS AND



FLAT TC BRACING PER ENGINEER'S SEALED DESIGN

THE R. CENS

SIHT

DRAWING

REPLACES

DRAWINGS

581,670 & 961,860

∠8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES. ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

(4) 8d COMMON NAILS (0.131"X2.5")

DETAIL

WEVARNINGEM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 583 DYNOGRID DR., SUITE 200, HADISDN, VI. 53719) AND VICA (VOIDD TRUSS COLUNCIL DE AMERICA, 6300 ENTERPRISE LN, HADISDN, VI. 5379) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS DIFFERVISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

MIMPRITANTM FIRNISH CORY OF THIS DESIGN TO NOTALIATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BRILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING SPEC, BRACKING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (WATIONAL DESIGN SPEC, BY AFREND AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/1604 (V.H.X.Y.) ASTH AGS GRADE 40/60 (V.K.Y.H.S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE COCATED ON THIS DESIGN, POSITION PER DRAVINGS 160A-Z. ANY INSPECTION OF FLATES FOLLOWED BY OF SHALL BE PER ANNEX AND TPI 1-2002 SEC. 3. A SEAL ON THIS DRESING, MOSITION PER SPANNISS INC. Z. ANY INSPECTION OF FLATES FOLLOWED BY OF SHALL BE PER ANNEX AND TRIP 1-2002 SEC. 3. A SEAL ON THIS DRESING MODIFICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE TRUSS COMPONENT DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT DESIGN SHOWN THE

g. 5968 ВС ВС TCTCDUR. FAC TOT. LD. DL Ε MAX 1.15 60 PSF PSFPSF PSF PSF DRWG REF DATE -ENG 04/14/05 DLJ/KAR PIGGYBACK PIGBACKA0405

SPACING

24.0"

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

BOT CHORD CHORD WEBS 2X4 2X4 2X4 ### 000 ន្តន្តន

PIGGYBACK

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. TRUSS TOP CHORD WITH 1.5X3 PLATE. ATTACH VERTICAL WEBS TO

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF
110 MPH WIND, 30' MEAN HGT, SBC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM PLATES AS LONG AS BOTH FACES ARE SPACED 4'

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diam'r.

130 MPH WIND, :
BLDG, LOCATED ,
WIND TC DL=5 F O ANYWHERE IN ROOF, CAT II, PSF, WIND BC DL=5 PSF CLOSED EXP. C,

C8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) PER GUSSET. IN CAP BC AND (4) IN BASE TRUSS FLAT TC. 4 6d BOX (0.099"X 2.", MIN) NAILS 66 BOX (0.099"X 2.",MIN) NAILS.

JOINT TYPE a Þ B U W 4X6 4X6 2X4 30 OR 3X6 TRULOX AT 4' ROTATED VERTICALLY 2.5X4 SPANS 5X6 34 F 1.5X4 2.5X4 5X6 38, TO 1.5X4 5X6 5X6 3X5 52 20

20' FLAT TOP CHORD MAX SPAN OC MAX. 製 diam'r 4 MAX SIZE OF 2X12 要 В >C-TYP. A D-SPLICE 妯 妕

EITHER PLATE LOCATION IS ACCEPTABLE

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

<u>່ດ່ດ່ດ່</u> ດ	າ ′ດ			
ATTACH TEI FABRICATIOI (4) 0.120" APPLY PIGC AND SPACE	10' TO 14'	7'9" TO 10'	0 TO 7'9"	
* PIGGYBACK SPECIAL PLATE ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC.	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5",MIN) NAILS AT 4" OC.	O' TO 7'9" NO BRACING	WEB BRACING CHART

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	SONAL ENDIN	CONTRACTOR OF THE PARTY OF THE	STATE OF CHIM	**************************************	No. 59687	A CENS CO	THE URAWIN
SPACING 24.0"	47 PSF AT 1.15 DUR. FAC.	1.60 DOR. FAC.	50 PSF AT	1.33 DUR. FAC.	55 PSF AT	MAX LOADING	RAWING REPLACES DRAWINGS 634,016 634,017 & 847,
			-ENG DLJ/KAR	DRWG PIGBACKB04	DATE 04/14/05	REF PIGGYBACK	34,016 634,017 & 847

(B0405



MAX □

*ATTACH

PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE

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WAYARNINGMM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TID BESI 1-03 (BUILDING COMPONENT SAFEITY INFERMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583 DINDURID DR. SUITE 200, MADISDN, VI. 53719) AND VICA V-COID TRUSS COLUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 53719 FIR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

PRIDUCTS INC. SHALL AND TER RESPONSIBLE FOR ANY DEVIATION PROM THIS DESIGN ANY PAILURE TO BRILLD THE TRUSS IN COMPONENDE VITA 1791, OR FARRICATING PROM THIS DESIGN, ANY PAILURE TO BRAIL THE TRUSS IN COMPONENDE VITA 1791, OR FARRICATING, PROM THIS DESIGN, ANY PAILURE TO BRAILING OF TRUSSES. DESIGN COMPEDENS WITH APPLICABLE PROPUSIONS OF MIS NAVITAMA, DESIGN ASPEC, BY AFRAN AND TRI. ACPINE CONNECTIOR PLATES ARE MADE TO PROVISIONS OF MIS NAVITAMA, DESIGN PROFILE PROPUSIONS OF MIS NAVITAMA STATEMENT AND THIS DESIGN, PRINTING PROPUSIONS OF TRUSS AND TRIL STATEMENT AND THIS DESIGN, PRINTING PROPUSIONS OF THIS DEALWHING INDICATES ACCEPTANCE OF THIS COMPONENT DESIGN SHOWN. THE PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANALYTER IS SEC. 2.