DATE 03/12	Columbia County Bu This Permit Must Be Prominently Posted		PERMIT 000026838
APPLICANT	LINDA RODER	PHONE 386.752.2281	
ADDRESS	387 SW KEMP COURT	LAKE CITY	- FL 32055
OWNER	SPARKS CONTRACTORS,INC.	PHONE 386.623.0575	-
ADDRESS	231 SW MORNING GLORY DRIVE	LAKE CITY	FL 32024
CONTRACTOR	R JOSH SPARKS	PHONE 386.623.0575	
LOCATION OF	F PROPERTY 90- TO C-341,TL TO HOPE HEN	RY,TR TO MORNING GLORY DR,TR	&
	IT'S THE 6TH LOT ON L.		
TYPE DEVELO	OPMENT SFD/UTILITY EST	TIMATED COST OF CONSTRUCTION	153650.00
HEATED FLOO	OR AREA 2295.00 TOTAL ARE	EA 3073.00 HEIGHT	15.00 STORIES 1
FOUNDATION	N CONC WALLS FRAMED R	ROOF PITCH 6'12 F	LOOR CONC
		200 miles (200 miles 4	
LAND USE & 2			35
Minimum Set B	Back Requirments: STREET-FRONT 25.00	REAR	SIDE 10.00
NO. EX.D.U.	0 FLOOD ZONE XPP	DEVELOPMENT PERMIT NO.	
PARCEL ID	15-4S-16-03023-506 SUBDIVISION	N ROLLING MEADOWS	
LOT 6	BLOCK PHASE UNIT	TOTAL ACRES 0	0.50
	Description of the contract of		7
000001572	CBC1252260	Marz fo	200
Culvert Permit N			
18"X32'MITER			N
Driveway Conne	ection Septic Tank Number LU & Zonir	ng checked by Approved for Issuan	ce New Resident
COMMENTS:	MFE @ 104.0'. ELEVATION CONFIRMATION LETTI	ER REQUIRED.	
		Check # or C	Cash 4696
	FOR BUILDING & ZONIN	IG DEPARTMENT ONLY	(footer/Slab)
Temporary Pow	100 Capper Co. Laborator Capper Capper Co. Laborator Capper Cappe	Monolithic	
	date/app. by	date/app. by	date/app. by
Under slab roug			/Nailing
Framing	date/app. by	date/app. by	date/app. by
	Rough-in plumbing ab date/app. by	pove slab and below wood floor	date/app. by
Electrical rough	Heat & Air Duct	Peri. beam (Lint	0.5050 VED
	date/app. by	date/app. by	date/app. by
Permanent power	4	Culvert	
M/H tie downs. h	plocking, electricity and plumbing	late/app. by	date/app. by
	date/app	Pool	date/app. by
Reconnection	Pump poledate/app. bydate/	Utility Pole	
M/H Pole	Travel Trailer	app. by date/app. b Re-roof	У
date	e/app. by da	ate/app. by	date/app. by
DI III DDIO SES	770.00	15.27	
BUILDING PER		E\$SURCHARGE	E FEE \$15.37
MISC. FEES \$	0.00 ZONING CERT. FEE \$ 50.00	FIRE FEE \$ 0.00 WAST	TE FEE \$
FLOOD DEVELO	OPMENT FEE \$ FLOOD ZONE FEE \$ 25.00	CULVERT FEE \$ 25.00 TO	TAL FEE 900.74

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

INSPECTORS OFFICE

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

CLERKS OFFICE

TOTAL FEE 900.74

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

Columbia County Building Permit Application

For Office Use Only Application # 0801-137 Date Received 1-28-08 By LH Permit # 1572/2683
Zoning Official BLK Date 31.01.08 Flood Zone FEMA Map # NA Zoning RSF-2
Land Use K L.D. Elevation W/A MFE 104 St. River W/A Plans Examiner OKTTO Date 3-11-0
Comments City Vaturo well letter Elevation Confirmation Letter Regular
□NOC WEH Deed or PA Site Plan □ State Road Info □ Parent Parcel #
□ Dev Permit # □ In Floodway □ Letter of Authorization from Contractor
□ Unincorporated area □ Incorporated area □ Town of Fort White □ Town of Fort White Compliance letter
Fax 752-7282
Name Authorized Person Signing Permit Linda or Melanie RodyPhone 752-7281
Address 387 SW Kemp Ct Calle City FL 32024
Owners Name Sparks Contractors, Inc. Phone 623-0575
911 Address 231 Sw Morning Glory Dr Lake City FL 32024
Contractors Name Josh Sparks of Sparks Contractors Fnc Phone 623-0575
Address POB 1479 Lake CityFL 32056
Fee Simple Owner Name & Address Address
Bonding Co. Name & Address
Architect/Engineer Name & Address_Mark Disosway
Mortgage Lenders Name & Address 1St Fed
Circle the correct power company — FL Power & Light — Clay Elec. — Suwannee Valley Elec. — Progress Energy
Property ID Number 15-45-16-03023-50 Estimated Cost of Construction 180 K
Subdivision Name Rolling Meadows Lot 6 Block Unit Phase
Driving Directions 90 W, to CR 341, Lon Hope Henry, Ron
Morning Glory Dn 6th lot down on L
Number of Existing Dwellings on Property
Construction of Sivale family duelling Total Acreage 59 Lot Size 5
Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 15'-11"
Actual Distance of Structure from Property Lines - Front Side 2650 Side 2650 Rear 90
Number of Stories Heated Floor Area 1860 Total Heated Floor Area 1860 Roof Pitch 6-12
Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.
Page 1 of 2 (Both Pages must be submitted together.) Revised 11-13-07

Columbia County Building Permit Application		Application #	
WARNING TO OWNER: YOUR FAILURE TO RE YOU PAYING TWICE FOR IMPROVEMENTS COMMENCEMENT MUST BE RECORDED AN INSPECTION. IF YOU INTEND TO OBTAIN FI ATTORNEY BEFORE RECORDING YOUR NO	ND POSTED OF NANCING, CO OTICE OF COM	N THE JOB SITE BEF NSULT WITH YOUR I)F
FLORIDA'S CONSTRUCTION LIEN LAW: Protect According to Florida Law, those who work on your pright to enforce their claim for payment against your contractor fails to pay subcontractors or material suppeople who are owed money may look to your proper This means if a lien is filed against your property, it is services which your contractor may have failed to pay	property or provid property. This coppliers or neglect erty for payment, could be sold against	e materials, and are not laim is known as a cons s to make other legally r	truction lien. If your equired payments, the
NOTICE OF RESPONSIBILITY TO BUILDING PER YOU ARE HEREBY NOTIFIED as the recipient of a build responsible to the County for any damage to sidewal structures, together with damage to drainage facilities ponding of water, or other damage to roadway and of contractor, subcontractors, agents or representatives for which this permit is issued. No certificate of occupinfrastructures and facilities has been corrected.	MITEE: ilding permit from ks and/or road co s, removal of soo ther public infrast	inds and gutters, concre I, major changes to lot g tructure facilities caused	te features and rades that result in by you or your
OWNERS AFFIDAVIT: I hereby certify that all the for in compliance with all applicable laws and regulate above written responsibilities in Columbia County	egoing informa ing construction for obtaining th	tion is accurate and al n and zoning. I further nis Building Permit.	l work will be done understand the
Owners Signature			
Personally known or Produced Identification	subscribed before	me this _26 day of	Jan 20 08
Personally known or Produced Identification			
My Holes	SEAL:	Linda R. R	oder
state of Florida Notary Signature (For the Owner)		Commission #DI Expires: Mar 2 Bonded Thr Atlantic Bonding	0303275 4, 2008
ONTRACTORS AFFIDAVIT: By my signature I and	00 4 000 0 000 4 00 0 000	mantie Bonoing (CO., IIIC.

State of Florida Notary Signature (For the Owner)

SEAL:

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining

Contractor's Signature (Permitee)

Contractor's License Number

Columbia County

Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this day of 2008

Personally known or Produced Identification

SEAL:

SEAL:

SEAL:

Linda R. Roder

Commission #DD303275

Expires: Mar 24, 2008

Bonded Thru

Adantic Bonding Co., Inc.

SEAL:

Commission #DD303275

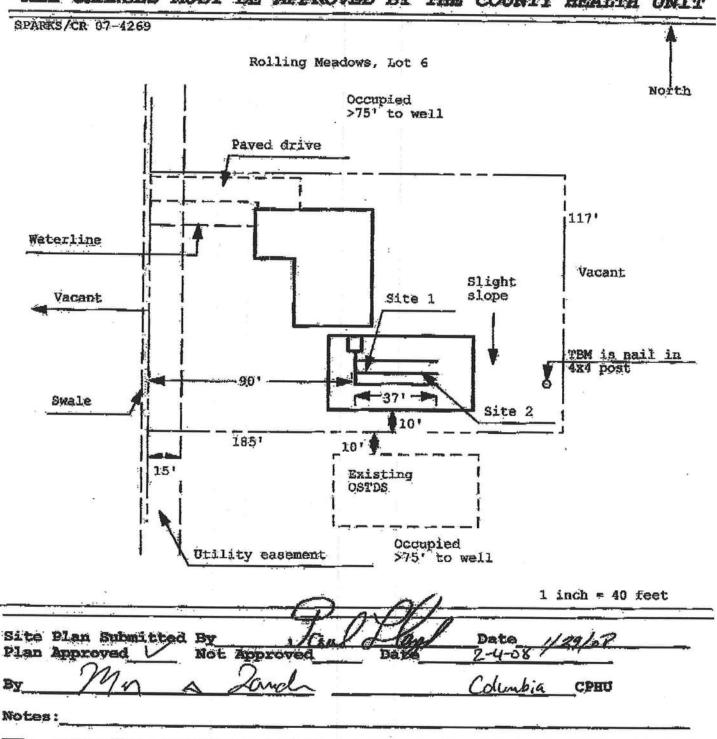
Expires: Mar 24, 2008

Bonded Thru

Adantic Bonding Co., Inc.

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan Permit Application Number: 08-0129

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Notice of Authorization

*x		
Josh Sparks, do hereby autho	rize Linda Roder or Melanie Rode	er,
	i	
to be my representative and act on my behaf in a	Il aspects of applying for any	
building permit to be located in	Columbia county	
		4
Any homeowner and legal description		/
Any homeowner and regar described.		
a de de alematura	www. Lind	a R. Roder
Contractor's signature	Commis	sion #DD303275
1 b6 / 0 7 Date	Expires	: Mar 24, 2008 inded Thru Bonding Co., Inc.
		×
₩		
Sworn and subscribed before me this 26	_day of	, 200
*		
Djule Moles	ŧ	* (4)
Notary Public		
My commision expires:		
Commision No.		
Personally known		
Produced ID (Type):		

This instrument prepared by: William J. Haley, Esquire Brannon, Brown, Haley & Bullock, P. A. P. O. Box 1029 Lake City, FL 32056-1029

Inst:2005028716 Date:11/17/2005 Time:14:06

Doc Stamp-Deed: 1043.70

______DC,P.DeWitt Cason,Columbia County B:1065 P:1227

SPECIAL WARRANTY DEED

THIS INDENTURE, made this 16th day of November, 2005, between JERRY COOK, a married man, who does not reside on the property, but who resides at 314 Cannon Creek Drive, Lake City, Florida 32055, hereinafter referred to as Grantor, and SPARKS CONTRACTORS, INC, a Florida corporation, having a mailing address of 162 SW Country Court, Lake City FL 32024, hereinafter referred to as Grantee.

WITNESSETH: That said Grantor, for and in consideration of the sum of \$10.00 and other good and valuable considerations to said Grantor in hand paid by said Grantee, the receipt and sufficiency of which are hereby acknowledged, have granted, bargained and sold to the said Grantee, and Grantee's successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot(s) 3, 5, and 6, **ROLLING MEADOWS**, a subdivision according to the plat thereof, as recorded in Plat Book 8, pages 45 and 46, public records of Columbia County, Florida.

PARCEL NO. Part of 15-4S-

SUBJECT TO:

Taxes and special assessments for the year 2005 and subsequent years; restrictions, reservations, rights of way for public roads, easements of record, if any; and zoning and any other governmental restrictions regulating the use of the lands.

and said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons claiming by, through or under said Grantor.

IN WITNESS WHEREOF, Grantor has hereunto set its hand and seal the day and year first above written.

Signed, sealed and delivered in the presence of:

Inst:2005028716 Date:11/17/2005 Time:14:06

Doc Stamp-Deed: 1043.70

_DC,P.DeWitt Cason,Columbia County B:1065 P:1228

STATE OF FLORIDA COUNTY OF COLUMBIA

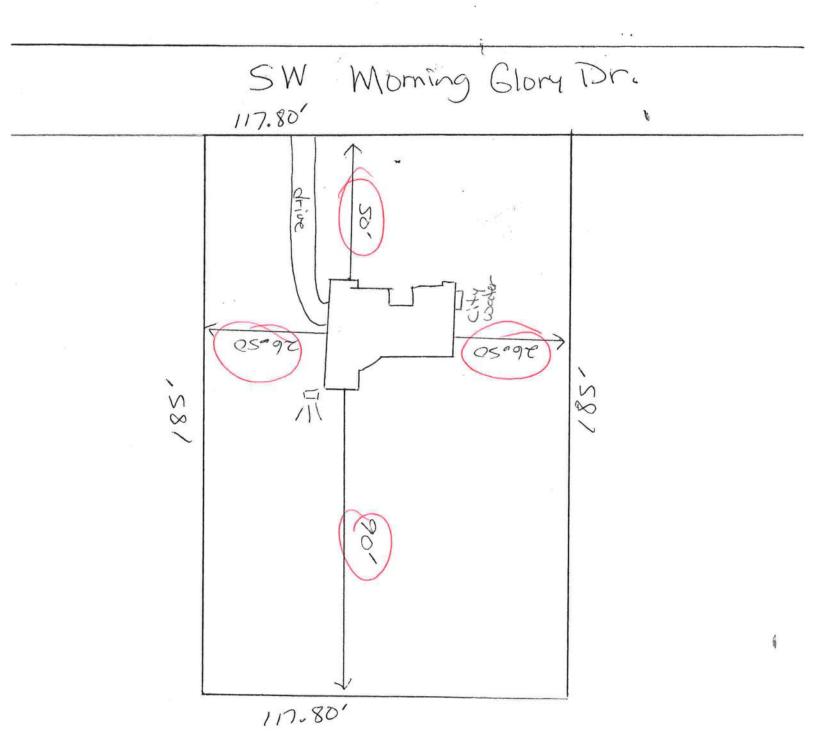
The foregoing instrument was acknowledged before me this 16^{+} 2005, by Jerry Cook, who is personally known to me or whom produced _____, as identification. _____, as identification.

Notary Public, State of Florida



Lot 6 Rolling Meadows:. 15-45-16-03023-506





Project Name:

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Builder:

801242SparksConstructionInc

Address City, Sta Owner: Climate	ate: , FL Spec House	Rolling Meadows, Plat:	Permitting Office: Low Permit Number: 22 Jurisdiction Number: 22	NBIL -6838 -
2. Single 3. Numl 4. Numl 5. Is this 6. Cond 7. Glass a. U-fac (or S b. SHGC (or C 8. Floor a. Slab- b. N/A c. N/A 9. Wall a. Frame c. N/A d. N/A e. N/A 10. Ceilin a. Unde b. N/A c. N/A 11. Ducts	ingle or Double DEFAULT) 7a. C: Clear or Tint DEFAULT) 7b. types On-Grade Edge Insulation types e, Wood, Exterior e, Wood, Adjacent ing types r Attic	Description Area (Dble Default) 340.3 ft ²	12. Cooling systems a. Central Unit b. N/A c. N/A 13. Heating systems a. Electric Heat Pump b. N/A c. N/A 14. Hot water systems a. Electric Resistance b. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	Cap: 43.0 kBtu/hr SEER: 13.00 Cap: 43.0 kBtu/hr HSPF: 7.90 Cap: 40.0 gallons EF: 0.93
	Glass/Floor Area: (0.18 Total as-built p Total base p	points: 25595 points: 27165 PASS	

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL,

PERMIT #:

	BASE					AS-	BUI	LT				
GLASS TYPES .18 X Conditio Floor Ar		SPM =	Points	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	SP	мх	SOF	= Points
.18 1860.	0	20.04	6709.4	Double, Clear	sw	1.5	7.5	36.0	40.	16	0.93	1349.6
				Double, Clear	sw	12.0	7.5	54.0	40.	16	0.42	901.5
				Double, Clear	s	13.0	7.5	20.0	35.8		0.46	328.6
				Double, Clear	SE	18.0	6.5	18.0	42.		0.38	292.0
				Double, Clear	SW	1.5	7.5	24.0	40.		0.93	899.7 2024.4
				Double, Clear	SW	1.5	7.5	54.0	40. 25.		0.93	355.2
				Double, Clear	NW	1.5 1.5	5.5 7.5	15.0 36.0	29.		0.95	1014.4
				Double, Clear	NE NE	7.0	7.5	13.3	29.		0.60	235.7
			1	Double, Clear	NE	7.0	1.5	5.0	29.		0.44	65.1
				Double, Clear Double, Clear	NE	1.5	5.5	15.0	29.		0.91	401.5
				Double, Clear	NE	1.5	5.5	20.0	29.		0.91	535.3
				Double, Clear	SE	1.5	5.5	30.0	42.		0.86	1104.3
				As-Built Total:				340.3			iii.	9507.3
WALL TYPES	Area >	K BSPM	= Points	Туре		R-	√alue	Area	Χ	SPM	1 =	Points
Adjacent	244.0	0.70	170.8	Frame, Wood, Exterior			13.0	1273.7		1.50		1910.5
Exterior	1273.7	1.70	2165.3	Frame, Wood, Adjacent			13.0	244.0		0.60		146.4
Base Total:	1517.7	1000000	2336.1	As-Built Total:				1517.7				2056.9
DOOR TYPES	140.000	X BSPM	= Points	Туре				Area	Х	SPN	1 =	Points
Adinocat	20.0	1.60	32.0	Exterior Insulated				10.0		4.10		41.0
Adjacent Exterior	30.0	4.10	123.0	Exterior Insulated				20.0		4.10		82.0
CX(e)(o)	50.5	4.10	120.0	Adjacent Insulated				20.0		1.60		32.0
Base Total:	50.0		155.0	As-Built Total:				50.0				155.0
CEILING TYPE	S Area	X BSPM	= Points	Туре		R-Valu	ie /	Area X S	SPM	x sc	= MC	Points
Under Attic	1860.0	1.73	3217.8	Under Attic			30.0	1860.0	1.73	X 1.00		3217.8
Base Total:	1860.0		3217.8	As-Built Total:				1860.0				3217.8
FLOOR TYPES	Area 2	X BSPM	= Points	Туре		R-	Value	Area	Χ	SPN	1 =	Points
Slab Raised	224.0(p) 0.0	-37.0 0.00	-8288.0 0.0	Slab-On-Grade Edge Insula	tion		0.0	224.0(p		-41.20		-9228.8
Base Total:			-8288.0	As-Built Total:				224.0				-9228.8

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL, PERMIT #:

BASE	AS-BUILT
INFILTRATION Area X BSPM = Poi	s Area X SPM = Points
1860.0 10.21 189	6 1860.0 10.21 18990.6
Summer Base Points: 23120.9	Summer As-Built Points: 24698.8
Total Summer X System = Cooling Points Multiplier Points	Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)
23120.9 0.4266 9865	(sys 1: Central Unit 43000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 24699

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL, PERMIT #:

	BASE					AS-	BUI	LT									
GLASS TYPES					_	1											
.18 X Conditio Floor Ar		WPM =	Points	Type/SC	Ornt	erhang Len	Hgt	Area X	WP	мх	WOF	= Poin					
.18 1860.	0	12.74	4265.4	Double, Clear	sw	1.5	7.5	36.0	16.7		1.04	623.6					
				Double, Clear	SW	12.0	7.5	54.0	16.7		1.84	1667.1					
				Double, Clear	S	13.0	7.5	20.0	13.3		3.45	917.4					
				Double, Clear	SE	18.0	6.5	18.0	14.7		2.65	701.5					
				Double, Clear	SW	1.5	7.5	24.0	16.7		1.04	415.8					
				Double, Clear	sw	1.5	7.5	54.0	16.7		1.04	935.5					
				Double, Clear	NW	1.5	5.5	15.0	24.3		1.00	365.9 850.8					
				Double, Clear	NE	1.5	7.5	36.0	23.5		1.00	326.8					
				Double, Clear	NE	7.0	7.5	13.3	23.5		1.04						
				Double, Clear	NE	7.0	1.5	5.0	23.5		1.06	125.1 356.3					
				Double, Clear	NE	1.5	5.5	15.0	23.5		1.01	475.1					
				Double, Clear	NE	1.5	5.5	20.0	23.5			491.5					
				Double, Clear	SE	1.5	5.5	30.0	14.7	1	1.11	491.0					
				As-Built Total:				340.3				8252.4					
WALL TYPES	Area X	BWPM	= Points	Туре		R-\	/alue	Area	ΧV	NPN	1 =	Points					
Adjacent	244.0	3.60	878.4	Frame, Wood, Exterior			13.0	1273.7		3.40		4330.6					
Exterior	1273.7	3.70	4712.7	Frame, Wood, Adjacent			13.0	244.0		3.30		805.2					
Base Total:	1517.7		5591.1	As-Built Total:				1517.7				5135.					
DOOR TYPES		BWPM	= Points	Туре				Area	X V	NPN	1 =	Points					
	20.0	8.00	160.0	Exterior Insulated				10.0		8.40		84.0					
Adjacent	30.0	8.40	252.0	Exterior Insulated				20.0		8.40		168.0					
Exterior	30.0	0.40	232.0	Adjacent Insulated				20.0		8.00		160.					
Base Total:	50.0		412.0	As-Built Total:				50.0				412.					
CEILING TYPE	SArea X	BWPM	= Points	Туре	R	R-Value	Ar	ea X W	PM >	(WC	CM =	Points					
Under Attic	1860.0	2.05	3813.0	Under Attic			30.0	1860.0	2.05 >	(1.00)	3813.					
Base Total:	1860.0		3813.0	As-Built Total:				1860.0				3813.					
FLOOR TYPES		BWPM		Туре		R-	√alue	Area	X '	WPN	1 =	Points					
		A		Slab-On-Grade Edge Insulat	ion		0.0	224.0(p		18.80		4211.					
Slab	224.0(p)	8.9	1993,6 0.0	Siab-On-Grade Edge insulat	ion		0.0	(p				atem rolls					
Raised	0.0	0.00	0.0														
Base Total:			1993.6	As-Built Total:				224.0				4211					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL, PERMIT #:

BASE	AS-BUILT
INFILTRATION Area X BWPM = Point	s Area X WPM = Points
1860.0 -0.59 -1097	4 1860.0 -0.59 -1097.4
Winter Base Points: 14977.	6 Winter As-Built Points: 20727.0
Total Winter X System = Heating Points Multiplier Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)
14977.6 0.6274 9397.	(sys 1: Electric Heat Pump 43000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 20727.0 1.000 (1.069 x 1.169 x 0.93) 0.432 1.000 10397.7 20727.0 1.00 1.162 0.432 1.000 10397.7

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL, PERMIT #:

	ASE				A	S-BUIL	.T					
WATER HEA Number of Bedrooms	TING X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X	Credit Multiplie	= Total er
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67	1.00	7820.0
					As-Built To	otal:						7820.0

	CODE COMPLIANCE STATUS												
		BAS	E						,	AS-	BUILT		
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
9863		9397		7905		27165	7377		10398		7820		25595

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.3

The higher the score, the more efficient the home.

Spec House, Lot: 6, Sub: Rolling Meadows, Plat: , , FL,

1.	New construction or existing	New		Cooling systems	C 42.0 l.Dev/h-	
2.	Single family or multi-family	Single family	a	Central Unit	Cap: 43.0 kBtu/hr	_
3.	Number of units, if multi-family	1	_		SEER: 13.00	-
4.	Number of Bedrooms	3	_ b	. N/A		-
5.	Is this a worst case?	Yes	_			-
6.	Conditioned floor area (ft²)	1860 ft ²	_ 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	5000 NOT THE PRODUCT NO	
	(or Single or Double DEFAULT) 7a.		a	. Electric Heat Pump	Cap: 43.0 kBtu/hr	_
b	SHGC:	, —			HSPF: 7.90	_
	(or Clear or Tint DEFAULT) 7b	(Clear) 340.3 ft ²	_ b	. N/A		_
8.	Floor types	561				-
	Slab-On-Grade Edge Insulation	R=0.0, 224.0(p) ft	_ c	. N/A		-
	N/A					_
c.	N/A		14.	Hot water systems		
9.	Wall types		а	. Electric Resistance	Cap: 40.0 gallons	
a	Frame, Wood, Exterior	R=13.0, 1273.7 ft ²	_		EF: 0.93	_
	Frame, Wood, Adjacent	R=13.0, 244.0 ft ²	_ b	. N/A		_
	N/A		_			_
	. N/A		_ c	. Conservation credits		_
(00)	N/A		_	(HR-Heat recovery, Solar		
10.	Ceiling types			DHP-Dedicated heat pump)		
	Under Attic	R=30.0, 1860.0 ft ²	15.	HVAC credits		
	. N/A		_	(CF-Ceiling fan, CV-Cross ventilation,		
673	N/A		_	HF-Whole house fan,		
	Ducts			PT-Programmable Thermostat,		
	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 170.0 ft		MZ-C-Multizone cooling,		
	. N/A			MZ-H-Multizone heating)		
	. 444.4		FEED 50			
	10 1 12 2 1		T/6C -!	ng: Code For Building		
I ce	ertify that this home has complied	d with the Florida Energ	gy Emiciei	installed (or exceeded)	OF THE STATE	N.
Co	nstruction through the above ene	rgy saving features will	Dissilar (Pand will be completed		
in	this home before final inspection	Otherwise, a new EPL	Display C	card will be completed		181
bas	sed on installed Code compliant f	eatures.				161
Bu	ilder Signature:		Date:		13	
	dana dalam Hamai		City/FI	Zip:	COD WE TRUS	555
Address of New Home:			Oitjil D		W. C.	

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

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: ITEE8228Z0424064711

Truss Fabricator: Anderson Truss Company

Job Identification: 8-034--Sparks Construction Lot 6 Rolling Meadows

Truss Count: 76

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Version 7.36.

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

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

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

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

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

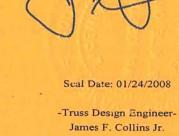
Details: BRCLBSUB-TCFILLER-BCFILLER-A11015EE-GBLLETIN-PIGBACKB-

Description Drawing# Date 45698--A2 08023062 01/23/08 45699 -- A1 08023088 01/23/08 08023057 01/23/08 45701--H11A 08023058 01/23/08 45702 -- H13A 08023059 01/23/08 45703--H15A 08023060 01/23/08 45704 -- H78 08023078 01/23/08 45705 - · H9B 08023079 01/23/08 45706 -- H11B 08023080 01/23/08 11 45707 -- H13B 08023081 01/23/08 45708--H15B 12 08023082 01/23/08 13 45709--B1 08023083 01/23/08 45710 -- B2 08023093 01/23/08 15 45711--83 08023107 01/23/08 16 45712--84 08023087 01/23/08 45713--85 08023066 01/23/08 08023116 01/23/08 18 45714 -- C-GE 19 45715--D1 08023043 01/23/08 08023044 01/23/08 45716--D2 45717--D3 21 08023045 01/23/08 22 45718 -- D-GE 08023117 01/23/08 23 45719--E-GE 08023046 01/23/08 45720--E1 08023047 01/23/08 25 45721 -- F7-GDR 08023053 01/23/08 26 45722--F1 08023100 01/23/08 45723 -- F8 08023103 01/23/08 28 45724 -- F-GE 08023098 01/23/08 29 45725--F2 08023099 01/23/08 45726 -- F6 08023072 01/23/08 31 45727--F5 08023102 01/23/08 32 45728 -- F4 08023109 01/23/08 33 45729--F3 08023110 01/23/08 45730--H5G 08023048 01/23/08 35 45731--H6G 08023049 01/23/08 45732-- I1-GDR 08023042 01/23/08 45733--EJ1 08023084 01/23/08

08023075 01/23/08

45734--J1A

#	Ref De	scription	Drawing#	Date
39	45735 HJ1		08023064	01/23/08
40	45736J18		08023106	01/23/08
41	45737 J10		08023095	01/23/08
42	45738J1		08023052	01/23/08
43	45739 HJ5		08023050	01/23/08
44	45740HJ7		08023069	01/23/08
45	45741HJ4		08023089	01/23/08
46	45742EJ7		08023076	01/23/08
47	45743J5		08023073	01/23/08
48	45744HJ5	A	08023090	01/23/08
49	45745J3		08023074	01/23/08
50	45746J5A		08023070	01/23/08
51	45747J3A		08023071	01/23/08
52	45748EJ4		08023096	01/23/08
53	45749J2		08023091	01/23/08
54	45750EJ7	C	08023092	01/23/08
55	45751EJ5		08023055	01/23/08
56	45752J3C		08023054	01/23/08
57	45753J38		08023051	01/23/08
58	45754EJ7		08023077	01/23/08
59	45755EJ7	В	08023061	01/23/08
60.	45756M1		08023108	01/23/08
61	45757M2		08023063	01/23/08
62	45758M3		08023097	01/23/08
63	45759PB1	1	08023115	01/23/08
64	45760PB6		08023105	01/23/08
65	45761PB1	0	08023111	01/23/08
66	45762PB9		08023104	01/23/08
67	45763PB8		08023086	01/23/08
68	45764P87		08023101	01/23/08
69	45765P85		08023085	01/23/08
70	45766P84		08023065	01/23/08
71	45767PB3		08023114	01/23/08
72	45768P82		08023113	01/23/08
73	45769PB1		08023112	01/23/08
74	45770 PB1		08023094	01/23/08
75	45771 PB1:		08023068	01/23/08
76	45772P814	•	08023067	01/23/08



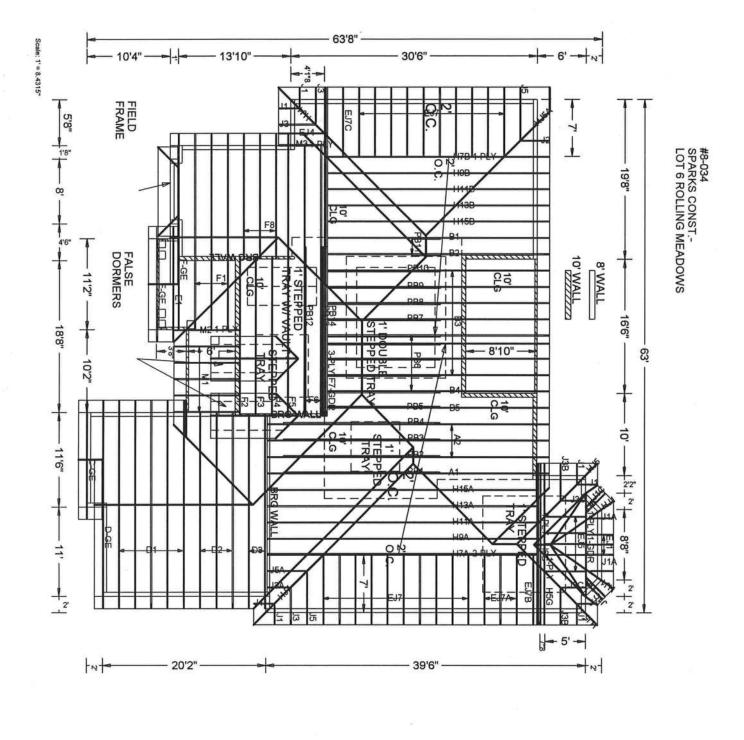
Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

-- Lot 6 Rolling Meadows





TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278

DRAWING INDICATES ACCEPTA

ALPINE

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH PT: OR FABRICATING, MANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORED WITH APPLICABLE PROPERTIONS OF DOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITW E
CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H/SS/K) ASTM A653 GRADE 40/60 (M.K/M.SS) GAAU. STEEL, APPL

STEEL APPLY

BC

Ε

0.0

PSF

DF / DF 61608

TOT.LD.

40.0

PSF

SEQN-HC-ENG

1.25

FROM

SPACING DUR.FAC.

SEE

ABOVE

JREF-

1TEE8228Z04

Top chord 2x4 Bot chord 2x4 Webs 2x4 Filler 2x4 ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 0C. See DWGS TCFILLER0207 and BCFILLER0207 for filler details. Laterally brace BC above filler @ 24" O.C. Including a lateral brace at chord ends. (A) Continuous lateral bracing equally spaced on member 8-034--Sparks Construction ALPINE Wave 4444 1-6-0 4X4(A2) =#2 Dense #2 Dense #3 #2 Dense R=1513 U=123 W=6" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FABRICATION, ANDLURG, SHIPPING, INSTALLING A BRACING OF TRUSSES. BY AREAD, AND TPI. ITH BCG CONNECTOR FAIRS ARE MADE OF TOURSES OF THIS DESIGN AND THE APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AREAD, AND TPI. ITH BCG CONNECTOR FAIRS ARE MADE OF TOURS OF THIS TRUSS OF THIS DESIGN SPEC, BY AREAD, AND TRIES ARE MADE OF TOURS OF THIS DESIGN, POSITION PER DRAHINGS ISON A.Z. ANY INSPECTION OF PLATES FOLLOWED BY CI) SHALL BE DER MANKE AS OF TPII-2002 SEC. 3. A SEAL ON THIS DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 21B MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (400D TRUSS COUNCIL OF AMERICA, 630D ENTREPLISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMED HES FUNCTIONS, UNLESS OTHERWISE INDICATED TO FLORO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMBUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. -2-7 -2-7 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows 1.5X4 Ⅲ 2-0-0 3X4# 3×5/ 3×5= 16-11-0 Design Crit: 5-11-5 UNLESS OTHERMISE (LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 160A-Z BY (1) SHALL BE PER AMEX A3 OF TPIT-2002 SEC.3. A SEAL ON THIS PROFESSIONAL ENGINEERING RESUBSTBILITY SOLECT FOR THE TRUSS COMPONENT MAD USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE 23-0-0 4 X 8 ≡ 5 X 6 ≡ 33-4-0 Over TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 4-5-12 4-9-4 1.5X4 Ⅲ 5 X 6 = 3 X 4 ≡ 山1-0-0 2 Supports 4-10-4 4-8-8 9-5-0 3 X 7 ≡ 19-4-1 .5X4 III 3X5= 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC. Wind reactions based on MWFRS pressures A2) 1.5X4 III 3-0-0 1.5X4 Ⅲ 5-0-0 B 3 X 4 ≡ Jan 7×6= OS/ONAL ENGINEE 3×4≡ STATE 0 4-6-12 7-0 4 X 8 ≡ €X6≡ R=1392 U=147 W=4" 4X5/ 3X4 III SPACING DUR.FAC. BC BC DL TC DL TC LL TOT.LD. FL/-/4/-/E/-10-0-0 8-0-0 40.0 10.0 10.0 20.0 24.0" 1.25 0.0 bldg, not located TC DL-5.0 psf, PSF PSF PSF PSF PSF 9 DATE REF JREF -FROM SEQN-DRW HCUSR8228 08023062 HC-ENG Scale =.1875"/Ft. R8228-1TEE8228Z04 DF / DF 61289 01/23/08 10-4-7 45698

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot In lieu of structural panels use purlins to brace all flat IC @ 0C. PLT TYP. B 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 Continuous ALPINE Wave lateral bracing equally spaced on member 1-6-0 4X4(A2) =R=1513 U=124 W=6" **IMPORTANT***DURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESCONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FARRICATING, MANDLING, SMEPTENG, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG BUILDING DESIGNER PER ANSI/TPI **WARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 219 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 25314) AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 EHTERPHISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERSONNING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES PROPERLY ATTACHED RIGID CEILING N Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 1.5X4 III 12-0-0 3X4# 3X5 Design Crit: BLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG 20/18/15GA (W.H/SS/K) ASTM A653 GRADE 40/60 (W.K/H.SS) GALV. STEEL, APPLY 5-11-5 OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z
SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS 3 X 4 ≡ 5 X 6 ≡ 26-4-0 33-4-0 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) Over 7-2-0 3X5≡ -0-4 2 R SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT IN THE RESPONSIBILITY OF THE Supports 1.5X4 ■ 3 X 7 ≡ * 19-4-1 3X5≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. 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. A1) 7-0-4 2-0 A 3 X 4 ≡ 2X4 III 7×6≡ 0 4-10-4 1-10-4 7-0-0 4 X 8 ≡ €X6= R=1392 U=148 W=4" -0-t 4X5 BC LL DUR.FAC. BC DL TC DL SPACING TC LL TOT.LD. FL/-/4/-/E/-8-0-0 ₩10-0-0 10.0 40.0 20.0 24.0" 1.25 0.0 10.0 PSF PSF PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023088 Scale =.1875"/Ft. R8228-1TEE8228Z04 JB/AP 61331 01/23/08 45699

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 End Bot (A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction chord 2x4 SP chord 2x4 SP Webs 2x4 SP verticals not exposed to wind pressure ALPINE Wave 2X4 III 4X5# R-1401 U-132 4×5 (R) ₩ 1-8-8 #2 Dense #2 Dense #3 3.8-3X10= 3-0-0 6-8-0 **IMPORTANT**SURMESH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FARECATHING, SHADING, INSTALLING & BRACING OF FRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (HATIONAL DESIGN SPEC, BY AFAPA) AND TPI.

CONNECTOR PLATES ARE HADE OF 20/18/16GA (M.H/SS/K) ASTN A653 GRADE 40/50 (M. K/H.SS) GAV. STEEL, APPLY **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACTING. REFER TO BOSI (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE HISTITUTE, 218 HORTH LEE STREET, SUITE 313, ALEXANDRÍA, VA, 22314) AND NICA (4000) TRUSS COUNCIL OF AMERICA, 6300 EMPERICA, 6300 EMPERICA EMPERICADO TO EMPERICA EMPERICADO EMPERICA MINISTAL HANDLES INDICATED TOP CHORD SHALL HAND PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAND A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAND A PROPERLY ATTACHED REGID CELLING. 5×6 € 8 NG INDICATES 1-0-0 回 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . -3-8"12 1.5X4 III 8X14= 4X5(R) ₩ 1.5X4 III 5-11-5 5-9-9 Design Crit: 5 X 4 ≡ 3 X 7 ≡ 33-4-0 Over 2 SE LOCATED ON THIS DESIGN. POSITION PER DRAW
PER ANNEX AS OF TPI1-2002 SEC.3. A S TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 5-10-7 8-6-0 3X5= 3 X 7 ≡ Supports 26-8-0 5-10-8 6-0-4 AMERICA, 6300 UNCTIONS, UNLESS M CHORD SHALL HAVE ** 3X5= In lieu of structural panels use purlins to brace all flat TC @ 0C. Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 H9A 5 X 6 = 3 X 4 == 0-0-€X6# 8 Jan SONAL ENGINE 00 -11-126-10-0 R=1401 U=140 W=4" 1.5X4 III 3 X 6 ≡ BC LL 9C DL TC DL SPACING DUR.FAC. TOT.LD. 2 FL/-/4/-/E/-/ 10.0 20.0 24.0" 40.0 10.0 PSF 1.25 0.0 bldg, not located TC DL-5.0 psf, PSF PSF PSF PSF FROM DATE JREF -SEQN-REF HC-ENG DRW HCUSR8228 08023057 Scale R8228-=.1875"/Ft. 1TEE8228Z04 DF / DF 61357 01/23/08 45700

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot Provide for complete drainage of roof. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. End PLT TYP. 8-034--Sparks Construction chord 2x4 SP t chord 2x4 SP Webs 2x4 SP verticals not exposed to wind pressure ALPINE Wave 1.5X4 Ⅲ 4 X 4 = R=1401 U=125 #2 Dense #2 Dense #3 2-8-8 6X6**⊯** 8 6-8-0 6-8-0 **IMPORTANT**GURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG. INC. SHALL HOT BE RESPONSIBLE FOR ANY DEFLATION FROM THIS DESIGN; ANY FAILURE TO BRILD THE TRUSS IN COMFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITN BCG. COMMICTOR PLATES ARE MADE OF 20/18/166A (M.M/SS/K) ASTM A653 ORADE 40/60 (M.K/M.SS) GAV. STEEL, APPLY COMMICTOR PLATES ARE MADE OF 20/18/166A (M.M/SS/K) ASTM A653 ORADE 40/60 (M.K/M.SS) GAV. STEEL, APPLY MORTH LEE STREET. SUITE 312. ALEX.
ENTERPRISE LAME, MADISON, WI 533
OTHERWISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING. BUILDING DESIGNER PER DRAWING INDICATES 1-0-0 Lot 6 Rolling Meadows --1.5X4 Ⅲ .5X4 ■ œ 7 X 6 = 5X8≡ ¥X5= DUISE EXTREME CASE IN FARRICATION, IMABILIDE, SHIPPING, INSTALLING AND BRACHE.
NG COMPODING SKRITTY INFORMATION, PRULISHED BY PH (TRUSS PLATE INSTITUTE, 218
2.312. ALEXANDRIA, VA. 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA. 6300
NH. MI 533719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FURCISORS. UNITESS
CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND OFFICH CHORD SHALL HAVE Design Crit: 1-1-4 ORS OF NOS (MATIONAL DESIGN SPEC. BY AFRIPA) AND TPI.

ORS OF NOS (MATIONAL DESIGN SPEC. BY AFRIPA) AND TPI.

SS OTHERHISE (DOALED ON THIS DESIGN, POSITION PER DRAMINGS 160A-Z.

SHALL BE PER ANNEX AS OF TPII-2002 SEC.3. A SEAL ON THIS 33-4-0 Over 2 Lot 6 Rolling Meadows , TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 1.5X4 Ⅲ 3X7≡ 3X5≡ 4-6-0 Supports 1-1-4 26-8-0 (0) (0) AMERICA. 6300 UNCTIONS. UNLESS M CHORD SHALL HAVE 5 X 6 ≡ ** 3 \ 4 ≡ Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. -0-0 H11A) 5×5₩ æ 6-5-0 1.5X4 Ⅲ 4 X 8 ≡ 8-10-0 4-6-12 4-6-12 R-1401 U-144 W-4" 3X6(R) 3 X 4 Ⅲ BC DL TC DL DUR.FAC. TC SPACING TOT.LD. FL/-/4/-/E/-/ 24.0" 40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR8228 08023058 Scale =.1875"/Ft. R8228-1TEE8228Z04 DF / DF 61364 01/23/08 45701

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.778 (A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. (B) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction ALPINE Wave .5X4 III 3×6/ R=1401 U=108 #2 Dense #2 Dense #3 6-8-0 6-8-0 **IMPORTANT**QUENTS! A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE HITH IP: OR FAMELORISE.

DESIGN CONFERENT HICK, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFERENT HICK APPLICABLE PROVISIONS OF MOS (MAITONAL DESIGN SPEC, BY ATAPA) AND TRI. THE BCG CONNECTOR PLATES ARE MODE TO 20/18/160A (M. 11/55/M.) ASTH AGS GRADE GO/GO (M. K.M. 53) GAME. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS ONDERSHIEL COLFED ON THIS DESIGN, POSITION DER ADMAINGS 160A-Z ANY INSPECTION OF FLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SEAL ON THIS DAMAING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLICLY FOR THE TRUSS COMPONENT REFER TO 8C51 (BUILDING NORTH LEE STREET, SUITE 3 ENTERPRISE LANE, MADISON, OTHERWISE INDICATED TOP C A PROPERLY ATTACHED RIGID CEILING. WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION.
EFER TO 8CS1 (BUILDING COMPONENT SAFETY INFORMATION). 10-0-0 1-0-0 Lot 6 Rolling Meadows --1.5X4 III 1.5X4 Ⅲ 6X8≡ SES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. UNILIDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 MOISON, NI \$3719) FOR SAFETY PRACTICES PRIOR TO PERFORNING THESE FUNCTIONS. UNLESS 3 - 5 - 125 X 4 ≡ 3 X 8 ≡ Design Crit: 33-4-0 Over 2 Lot 6 Rolling Meadows . TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 10-6-0 10 - 2 - 83 X 4 ≡ Supports 26-8-0 4X5(R) # 3 X 7 ≡ -0-0 3 × 5 ≡ 5 X 5 ₩ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels use purlins to brace all flat TC @ 0C. Right end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures. H13A -5-0 4 X 8 ≡ 0-10-0 .5X4 Ⅲ STATE OF CORIOR 5-6-12 5-6-12 R=1401 U=151 W=4" 3X6(R) 3X4 III (B) BC LL TC DL BC DL DUR.FAC. SPACING TOT.LD. FL/-/4/-/E/-10.0 20.0 40.0 1.25 10.0 24.0" 0.0 PSF PSF PSF PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023059 JREF -Scale R8228-1TEE8228Z04 =.1875"/Ft. DF / DF 61372 01/23/08 45702

Haines City, FL 33844
FL Certificate of Authorization # 0 278 Bot PLT TYP. (C) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC. (B) 1×4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. End verticals not exposed to wind pressure Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ITW Building Components Group, Inc. 8-034--Sparks Construction chord 2x4 SP t chord 2x4 SP Webs 2x4 SP ALPINE Wave 2 X 4 Ⅲ 3164 R=1401 U=94 #2 Dense #2 Dense #3 6-0-0 6-0-0 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE HITH TPI; OR FARELATHING, AND INCL. INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY MEAN) AND IPI. ITH MCG CONNECTION PLATES ARE MOSE OF ZOIJESTICA (M.H.STEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNIESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 160A-Z **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 2138 MORTH LEE SIREE, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MODISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE BUILDING DESIGNER PER DRAWING INDICATES Lot 6 Rolling Meadows --3 × 8 ≡ 3X4# 12-3-8 6-0-0 Design Crit: 5 X 6 ≡ 2X4 III 5×5= 33-4-0 Over 2-0-0 Lot 6 Rolling Meadows . SE LOCATED ON THIS DESIGN, POSITION PER DRAW PER ANNEX AS OF TPI1-2002 SEC.3. A S TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 6-6-0 6-0-12 6-6-0 2 5 X 6 ≡ 3 X 4 ≡ Supports 14-0-8 5×5₩ AMERICA, 6300 UNCTIONS, UNLESS W CHORD SHALL HAVE 11-12 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels use purlins to brace all flat TC @ 24" OC. (A) 2x4~#3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. Wind reactions based on MWFRS pressures. H15A) (B) 1.5X4 2X4 III 6X8≡ 12-10-0 (0RID 7-0-0 7-0-0 -10-4 R=1401 U=160 W=4" 3 X 4 (R) (3) 4 X 5 == = BC DL TC DL SPACING TC DUR.FAC TOT.LD. FL/-/4/-/E/-40.0 20.0 24.0" 10.0 10.0 PSF 1.25 0.0 PSF PSF PSF PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 08023060 JREF -Scale = .1875"/Ft R8228-1TEE8228Z04 DF / DF 61382 01/23/08 10 45703

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ OC. Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP Bot chord 2x6 SP #2 Webs 2x4 SP #3 :W10, W11 2x6 SP #2: PLT TYP. End jacks have 4-0-0 setback. End verticals not exposed to wind pressure. 8-034--Sparks Construction Lot 6 Rolling Meadows --ALPINE Wave 4 X 5 Ⅲ 1-6-0 R=2786 U=16 W=6" 6X6(R) / **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONTORNANCE WITH TPI; OR FARELT-AIRG, NAMOLING, SHAPPING, INSTALLING, BRACIER OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEE, BY AFAPA) AND IPI. ITW BCG ENTERPLISE LAME. MADISOM. MI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUN OTHERAUSE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM A PROPERLY ATTACHED RIGID CELLING. 4-0-0 *WARNING** TRUSSES REQUIRE EXTREME CAME IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, BEFER TO BEST, QUILDING COMPONENT SAFETY INFORMATION), DUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SHIFE 312, ALEXANDRIA, VA. 22314) AND NEW, QUOOD TRUSS COUNCIL OF AMERICA, GOOD TRUSS COUNCIL OF AMERICA, WALLESS 4-0-0 4-0-0 3X8= 5X10= OF 20/18/166A Design Crit: 6-6-9 6-6-9 12 OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI.
H/SS/K) ASTM A653 GRADE 40/60 (W. K/H.SS) GALV. STEEL Lot 6 Rolling Meadows TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 26-0-0 Over 2 Supports 4 X 1 0 ≡ 2X4 III THIS DESIGN. POSITION PER DRAWINGS 160A 4 X 4 == 19-6-0 6-4-13 6-4-13 5 X 4 ≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures H78 2.5X6≡ 4 X 8 = Jan OS/ONAL ENGINE 6-6-9 6-9 5X10= 5 X 6 ≡ 2-6-0 R=2839 2-6-0 2-6-0 BC DL TC DL DUR.FAC. 10 SPACING TOT.LD. 4X4 III 6X6(R) ₩ SEE 40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 ABOVE PSF PSF PSF JREF -DATE REF FROM SEQN-DRW HCUSR8228 08023078 HC-ENG Scale = .25"/Ft. R8228- 45704 1TEE8228Z04 DF / DF 61631 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 End Bot In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. PLT TYP. 8-034--Sparks Construction verticals not exposed to wind pressure. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave 1-6-0 2 X 4 III 2.5X6# R=1199 U=109 W=6 **IMPORTANT**QURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW ECG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE MOUSS IN COMPORMANCE WITH THIS DESIGN OF FABRICATING, AND THIS DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF BOS (MAITIONAL DESIGN SPEC, BY AFBMA) AND THIS THE GOOD OF THE COMPORNS WITH APPLICABLE PROVISIONS OF BOS (MAITIONAL DESIGN SPEC, BY AFBMA) AND THIS DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF BOS (MAITIONAL DESIGN SPEC, BY AFBMA) AND THIS DESIGN OF THE APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z DESIGN SHOWN. THE : DRAWING INDICATES ACCEPTANCE OF PROF OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CEILING. REFER TO BCS! (BUILDING NORTH LEE STREET, SUITE 3 ENTERPRISE LANE, MADISON, *WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SMIPPING, INSTALLING AND BRACING. REFER TO DEST. (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (FRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND NICA (MODOL TRUSS COUNCIL OF AMERICA, GADOLANDE LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND NICA (MODOL TRUSS COUNCIL OF AMERICA, GADOLANDRIAN COUNCIL OF AMERICA, GADOLANDRIAN COUNCIL ON THE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND NICA (MODOL TRUSS COUNCIL OF AMERICA, GADOLANDRIAN COUNCIL ON THE STREET, AND SON, NICA STREET, PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITED. Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows , 6-0-0 6-0-0 6-0-0 CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 3 X 4 ≡ Design Crit: 5×6= INS OF MIS (MATIONAL DESIGN SPEC, BY ATADA) AND TPL.

(W.H/SS/K) ASTM A653 GRADE 40/60 (W. K/H.SS) GALV. STEEL APPLY
SS OTHERMISE LOCATED ON THIS DESIGN, POSITION FAR DRAWHINGS 166A-Z

1) SHALL BE PER ANNEX A3 OF IPLI-2002 SEC.3.

SEA OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE 5-2-9 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 3 X 4 ≡ 26-0-0 Over 2 Supports 3 X 7 = .5X4 III 5-0-13 15-6-0 5-0-13 * 3X4= 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures 3 X 4 ≡ Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. H9B) 5-2-9 Jan URIDA ENGINE 4×6≡ 3 X 4 ≡ 2-8-10 2-8-0 4-6-0 5X5# R=1090 U=112 BC LL BC DL TC DL 1-10-0 SPACING DUR.FAC. C 1-10-0 TOT.LD. FL/-/4/-/E/-/ 3×4= 1.5X4 III 40.0 20.0 10.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF DATE REF JREF -FROM SEQN-DRW HCUSR8228 08023079 HC-ENG Scale =.25"/Ft. R8228- 45705 1TEE8228Z04 DF / DF 61159 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ (A) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113*x2.5",min.)nails @ 6" 0C. End verticals not exposed to wind pressure 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave 1.5X4 Ⅲ 3 X 4 ≡ R=1199 U=99 W=6" **IMPORTANT***QURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NEED RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPONANCE WITH FPI; OR FARBICATING, INC. MILLIUG, A BRACHING OF TRUSSES, BY AFRAY, AND IPI.

FILE OR FARBICATING, HANDLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRAY, AND IPI. 1174 CONNECTOR PLAIRS ARE MADE OF 20/18/16/AM, UPILSES, ASTH ASSA) GRADE 40/26 (M. X.M.X.S) AAV. STEEL APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN POSITION PER DRAWLINGS 160/2 PLAIRS TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HITS DESIGN, POSITION PER DRAWLINGS 160/2 PLAIRS TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON HITS DESIGN, POSITION PER DRAWLINGS 160/2 - MAKNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, INABLING, SHEPPING, INSTALLING AND BRACE REFER TO BEST (DUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, MORTH LEE SINEE, SUITE 312. ALEXANDRIA, VA, 22314) AND UTC. (AQODD TRUSS COUNCIL OF AMERICA, DITERIESE LANE, MADISON, HI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMENT INSTALLABLE OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL DRAWING INDICATES ACCEPTAIN DESIGN SHOWN. THE ! 4-0-0 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows 2.5X6# 8-0-0 8-0-0 Design Crit: -0-0 4X4= 3 X 7 ≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3X4= 26-0-0 B 9-0 THIS DESIGN. POSITION PER DRAHINGS 160A Over 3 X 4 ≡ 2 Supports 11-6-0 11-6-0 * 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels use purlins to brace all flat TC @ 0C. Wind reactions based on MWFRS pressures. H11B) (8) 3 X 7 = Jan 4 X 4 ≡ CORIOR 2-8-0 5X5# 8 0 ò 3-10-0 10-0 R-1090 U-117 BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/ 3×4≡ 1.5X4 Ⅲ F 40.0 10.0 20.0 10.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF JREF -FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 08023080 Scale = .25"/Ft. R8228- 45706 1TEE8228Z04 DF / DF 61166 01/23/08

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. (A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. End verticals not exposed to wind pressure PLT TYP. 8-034--Sparks Construction ALPINE Wave 1-6-0 #2 Dense #2 Dense #3 1.5X4 Ⅲ 3 \ 4 ≡ R=1199 U=89 W=6" **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL N BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH FPI; OR FARRICATING. INSALLING. INSTALLING & BACKING OF TRUSSES.

DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFADA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/1860A (M.1/55/K) ASIM A653 DRADE 40/60 (M. K.M. 55) GALV. STEEL APPL REFER TO BCS! (BUILDING COMPONE)
NOBTH LEE STREET, SUITE 312, ALEXA
ENTERPRISE LANE, MADISON, WI 532
OTHERWISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING. DRAWING INDICATES Lot 6 Rolling Meadows ---0-0 3 10-0-0 10-0-0 3X4# Design Crit: -0-0 Lot 6 Rolling Meadows , TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 5 X 10 = 4X5= 26-0-0 Over 7-6-0 2 Supports 7-6-0 1-6-0 * 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18 (B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. 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. H13B) 5 X 6 ≡ 3 \ 4 == 2-8-0 2-8-0 5×5# 6-0 5-10-0 -10-0 (B) R=1090 U=124 BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. 1.5X4 III 3 \ 4 == 10.0 20.0 40.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF DATE FROM SEQN-REF HC-ENG DRW HCUSR8228 08023081 JREF -Scale =.25"/Ft. R8228-1TEE8228Z04 DF / DF 01/23/08 45707

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. End PLT TYP. (A) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 verticals not exposed to wind pressure ALPINE Wave 1-6-0 2.5X6 # 2X4 III R=1199 U=77 W=6" **IMPORTANT**CURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW DGG. HC. SMALL BE RESPONSIBLE FOR ANY DELYCATION FORM THIS DESIGN ANY FALURE TO BUILD HE RUSSES. IN COMPORMANCE WITH PTH. OR FAREICACIDE, MADILING, SHIPPING, HESTALLING A BRACING OF RUSSES. HE WAFAPA) AND TPI. DESIGN CONTROLS WITH APPLICABLE PROVISIONS OF ANS (MATIONAL DESIGN STEE. BY AFAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/12/16A (W.1/YSS/FL ASTH AGS) GRADE OD/GO (W. K/M.SS) GALV. STEEL APPLICABLE PLATES OF THIS SO THE WAS DEACHED ON THIS DESIGN, POSITION FOR BOAMINGS 16AA, ANY TRESPECTION OF PLATES TO ELLOWED SY (1) SMALL BE FOR AMERY AS OF TPI. 2002 SEC.3. A SEAL ON TH **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2188
MORIN LEE STREE, SUITE 312, ALEXANDRIAL, VA, 22314) AND MICH, QUODO TRUSS COUNCIL OF AMERICA, 6300
ENTERPRIST LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNITED. REFER TO BOSI (BUILDING COMPONEN MOBIN LEE STREET, SHITE 312, ALEXA MOBIN LEE STREET, SHITE 312, ALEXA ENTERPRISE LANE, MADISON, WI 533 OTHERRISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CETLING. BUILDING DESIGNER PER DRAWING INDICATES Lot 6 Rolling Meadows --6-1-6 3 X 4 ≡ Design Crit: 12-0-0 3X4# 3X4# 5-10-10 Lot 6 Rolling Meadows . TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3 X 4 ≡ 8 26-0-0 Over 2 Supports 3X7= 4×4= 3-6-0 ** 4×4= SHALL MOT Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 (B) 2x4~#3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. H158) 2-8-0 5X5# œ 3 X 7 ≡ Jan (A) O/ONAL ENGI CORIO 7-10-0 3 \ 4 = 7-10-0 3 - 11 - 0R-1090 U=132 BC DL TC DL DUR.FAC. SPACING TOT.LD. C (B FL/-/4/-/E/-/-3 \ 4 ≡ 2X4 III A 10.0 24.0" 40.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JREF -FROM SEQN-DATE REF const seeming or investment. HC-ENG DRW HCUSR8228 08023082 Scale =.25"/Ft. R8228-1TEE8228Z04 DF / DF 61183 01/23/08 10-4-7 45708

FL Certificate of Authorization # 0 278 Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP ITW Building Components Group, Inc. PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. (A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. End verticals not exposed to wind pressure laines City, ALPINE Wave 1-6-0 #2 Dense #2 Dense #3 עטוואנוערנוטוו רטר ס KOIIIng Meadows -- Lot 6 Rolling Meadows . 2X4 III 2.5X6 / R=1199 U=67 W=6" **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY PAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI: OR FABRICATION, MANDLING, SHIPPING, INSTALLING A BRACKE OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATICHAL DESIGN SPEC, BY AFREN) AND IPI. ITH BCG **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 219 MORIN LEE STREET, SUITE 312, ALEXANDRA, VA, 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMENT THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES A PROPERLY ATTACHED RIGID CEILING 4-8-0 4-8-0 9-4-0 3 X 7 ≡ 3X4# OF 20/19/16GA (M-1/55/E) ASTH AGS EBADE 40/60 (M-K.H. SS) GALV. STEEL APPL USS ARD. UNLESS OHERBHISE LOCATED ON THIS DESIGNA POSITION PER DANIHOS 560A FOLLOWED BY (1) SHALL BE PER AMBEX A3 0F 1P31-2002 SEC. 3. A SEAL ON THE 12-0-0 Design Crit: 3X4# 4-8-0 4-6-4 1.5X4 Ⅲ 5 X 6 ≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 2-0-0 26-0-0 Over 2 Supports 2-9-12 4 X 4 = BY AFEPA) AND TPI. 3-6-1 3-6-1 (A) 4 X 5 ≡ 3 X 1 0 ≡ 8 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (B) 2x4~#3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 B1 5×5 > 6-8-0 3 X 4 ≡ CORIOR 9-10-0 3×4≡ 9-8-4 R=1090 U=145 (B) BC DL DUR.FAC. TC DL SPACING TOT.LD. TC LL FL/-/4/-/E/-/-3 X 4 ≡ 1.5X4 III THE THEORY (LAWNS & MILENSTOWS) SUBMITTED BY IKUSS WIFE. 24.0" 1.25 40.0 10.0 PSF 0.0 10.0 PSF 20.0 PSF 8-0-0 10-0-0 PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DF/DF DRW HCUSR8228 08023083 Scale = .25"/Ft. R8228-1TEE8228704 61190 01/23/08 45709

TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 (B) 1x4 with 8d Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 In lieu of structural panels use purlins to brace all flat TC @ 24" 0C. End PLT TYP. 8-034--Sparks Construction verticals not exposed to wind pressure #3 or better "I" brace. 80% length of web member. Attach Box or Gun (0.113"x2.5",min.)nails @ 6" OC. ALPINE Wave 1-6-0 2X4 III 2.5X6# R=1199 U=65 W=6" **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BEER RESPONSIBLE FOR ANY DETIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FARIFACTING, MANDLING, SHEPPLY, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITW BCG "***MARNING** PRUSSES REQUIRE ETTEME CARE IN FARRICATION, HANDEIRG, SHIPPING, INSTALLING AND BRACING, REFER TO BOSS. QUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FFI (TRUSS PLATE INSTITUTE, 21B MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WITCA (MODOD TRUSS COUNCIL OF AMERICA, 6300 ENTEROPING THESE FRUIT MARY AND BOTTOM CHORD SHALL MANDE THE FRUIT MARY AND BOTTOM CHORD SHALL HAVE DEFENDENTS. HOLGEN AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES N PROPERLY ATTACHED RIGID CEILING 4-8-0 4-8-0 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows , 9-4-0 3 X 7 ≡ 3X4# CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM 12-0-0 Design Crit: 20/18/166A 3X4# 4-8-0 4-6-4 OF HDS (NATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITW BCG 1.5X4 Ⅲ 1.5X4 Ⅲ 5 X 6 = TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 2-0-0 26-0-0 Over 2 Supports 2-9-12 THIS DESIGN, POSITION PER DRAWINGS 160A-Z 4 X 5 ≡ SOLELY FOR THE 9-6-4 A SEAL ON THIS
TE TRUSS COMPONENT
ONSIBILITY OF THE CHORD SHALL HAVE ** 3 X 4 ≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 (A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. 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. B B2) UNLESS 16-8-0 1.5X4 Ⅲ 3 \ 8 ≡ 14-0-0 STONAL ENGINE CORIDE R=1090 U=151 2.5X6(R) III BC LL BC DL SPACING DUR.FAC. TC DL TC LL TOT.LD. (B) FL/-/4/-/E/-/ 1.5X4 Ⅲ 20.0 40.0 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 8-0-0 10-0-0 PSF PSF PSF JREF -FROM SEQN-DATE REF DRW HCUSR8228 08023093 HC-ENG Scale = .25"/Ft. R8228-1TEE8228Z04 DF / DF 61201 01/23/08 45710

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 PLT TYP. Note: All Plates Bot Laterally brace BC at 24" 0C in lieu of rigid ceiling. Laterally brace BC above filler at 24" 0C. See Laterally brace BC above filler @ 24" O.C. Including a lateral brace at chord ends. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction Webs 2x4 Filler 2x4 chord 2x4 chord 2x4 DWGS TCFILLER0207 and BCFILLER0207 for filler details. ALPINE Wave \$\$\$\$ #2 Dense #2 Dense #3 #2 Dense 2X4(A1) =Are 1.5X4 Except As Shown. R-397 U-18 W-3.5" **IMPORTANT**CHENISIA A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. HC. SHALL NOT BE RESPONSEME FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURG TO BUILD THE TRUSS IN COMPORANCE WITH FP1: OR FARELCATING, IMADULHG. SHIPPING, INSTALLING A BRACIENG TO BUILDS.

DESIGN COMPORTED SHIPPING AND THIS DESIGN. AND THAT SHEEL, BY AFPA) AND TP1.

CONNECTION PLATES ARE MADE OF 20/18/166A (4.H/SS/B) ASYM ASS GRADE 80/50 (4.K/H.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. BUILES OTHERWISE LOCATED ON THIS DESIGN. POSITION FER BRAMINGS 160A-X. ANY INSPECTION OF PLATES FOLLOWED BY OLY SHALL BE FER NAMES AS OF TP1: 2002 SEC.3.

ANY INSPECTION OF PLATES FOLLOWED BY OLY SHALL BE FER NAMES AS OF TP1: 2002 SEC.3. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, INANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY IMPONATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (1000) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRESE LANE, MAISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE CUNCITONS. UNLESS OTHERWISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE BUILDING DESIGNER PER ANSI/TPI 1 DRAWING INDICATES 4-9-12 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 8 9-1-0 11-4-0 Design Crit: 12-0-0 12-8 4 3×4/ 46 3X4# R=1235 U=313 W=6" TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3X7= 2-3-0 26-0-0 Over 3 5 X 8 = 3 X 4 ≡ 4 X 4 ≡ SOLELY FOR THE TRUSS COMPONENT Supports 6-6-0 -0-0 -10-0 ** 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 In lieu of structural panels use purlins to brace all flat TC @ OC. Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures В3 12-4-0 3X7= -8-0 14-0-0 Jan S/ONAL ENGIN CORIOR 5-10-0 3 X 4 ≡ 3 X 4 ≡ €X6= 3-8-0 R=656 U=164 2-4-0 2-4-0 BC DL 2-2-4 DUR.FAC. TC DL SPACING TC TOT.LD. FL/-/4/-/E/-/-3 X 4 ≡ 3X4= 10.0 40.0 20.0 1.25 10.0 PSF 24.0" 0.0 10-0-0 PSF PSF PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023107 JREF -Scale = .25"/Ft. R8228-1TEE8228Z04 DF / DF 61223 01/23/08 45711

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (8-034--Sparks Construction chord 2x4 SP Chord 2x4 SP Webs 2x4 SP ALPINE Wave #2 Dense #2 Dense #3 2X4(A1) =R=511 U=47 W=3.5" **IMPORTANT***URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TP: OR FAREIGATHE, HANDLING, SHIPPHING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BUS (MATHOMA DESIGN SPEC. BY AFRA) AND TP: THE BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/K) ASTH ASSO GRADE 40/56 (M. K/M.SS) GAUV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BOMATHOS 16GA-Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING.

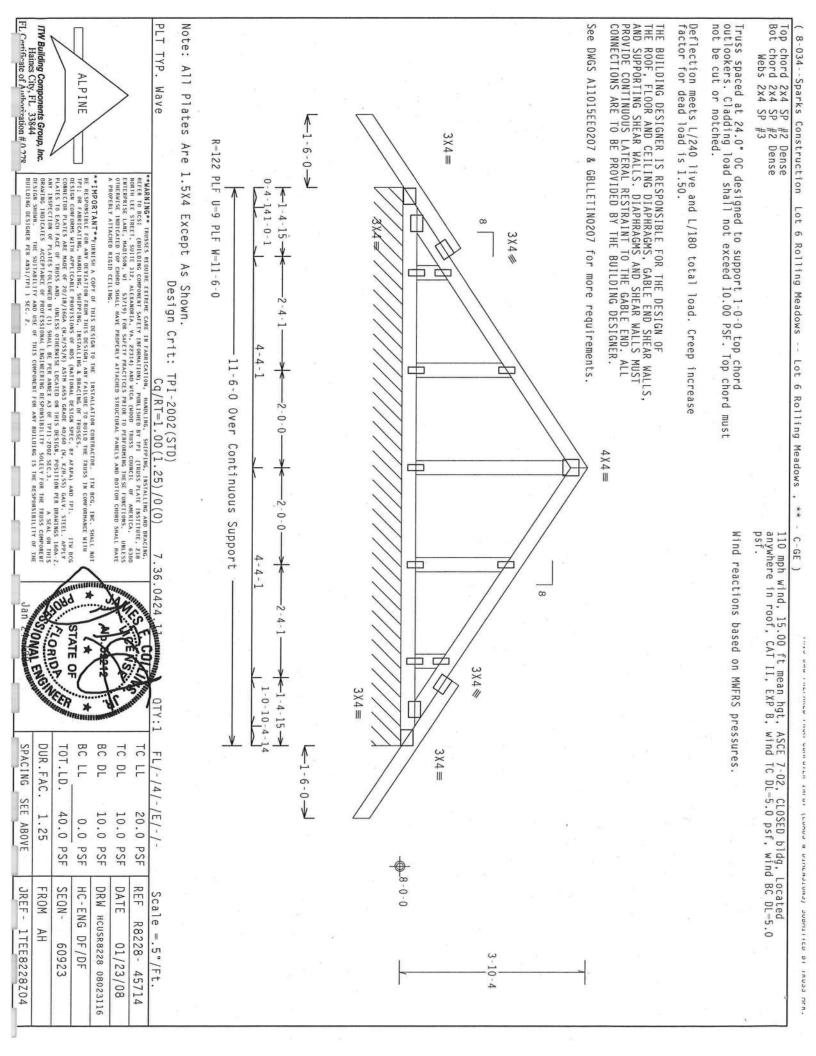
REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHE BY TPI (TRUSS PLATE INSTITUTE, 2188

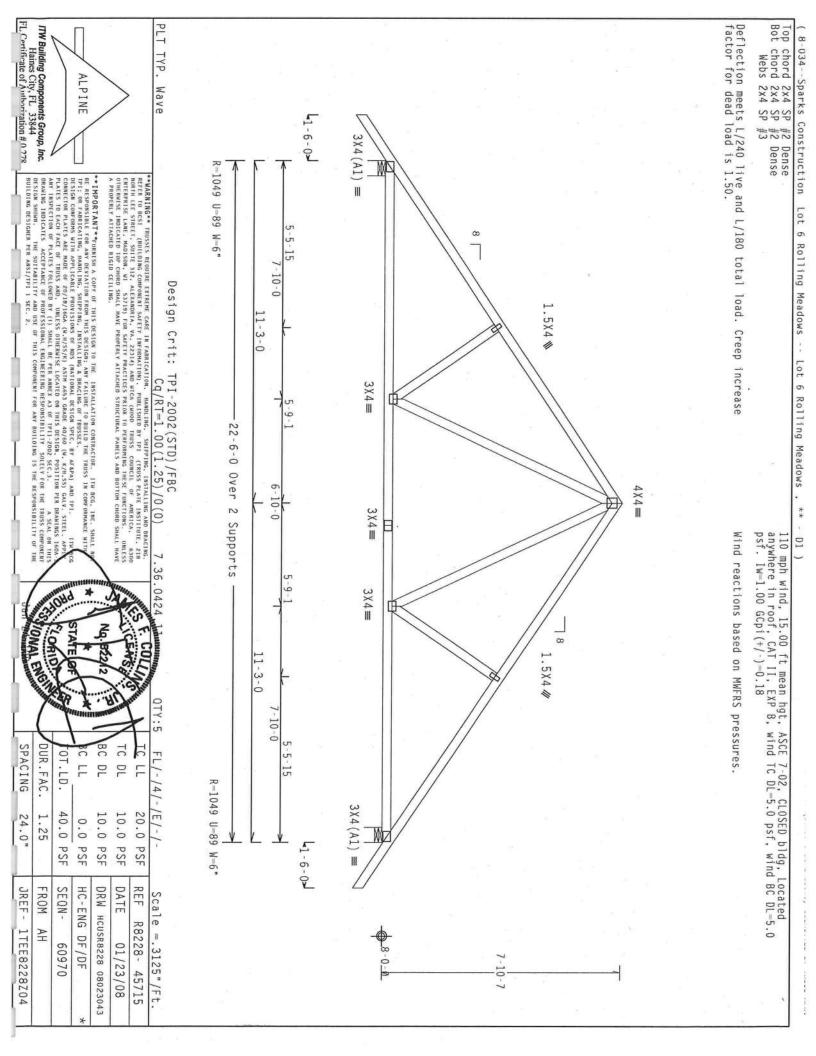
MORTH LEES TREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (MODO) TRUSS. COUNCIL OF AMERICA. 6300

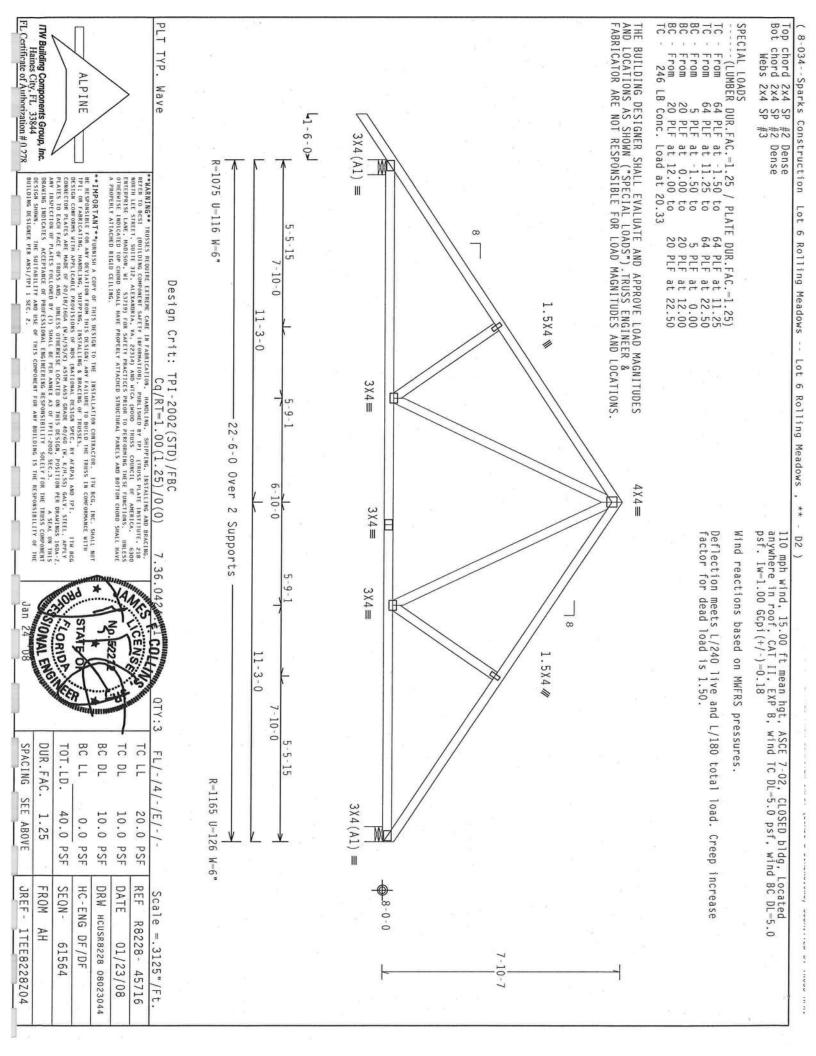
EMPERPAISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES DRION TO PEFFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE
A PROPERLY ATTACHED REGID CELLING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2 DRAWING INDICATES 4-9-12 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows 8 9-1-0 9-1-0 1.5X4 Design Crit: 2-0-0 3X4# -3-4 OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.
HANAL BE PER ANNEX AS OF TPI1-2002 SEC.3.
NAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
FILES COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE 3 X 4 ≡ 3X4# R-1053 U-272 W-6" TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 26-0-0 Over 2-11-0 3-2-8 3 X 4 ≡ 4 X 6 ≡ W Supports ** 7-0-0 6-8-8 3 X 4 ≡ Right end vertical not exposed to wind pressure 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures. B4) 1.5X4 III 14-0-0 3 X 7 = Jan S/ONAL ENGINES TATE (O 7-0-0 R=725 U=186 BC LL BC DL TC DL וכ רר DUR.FAC. SPACING TOT.LD. FL/-/4/-/E/-/-1.5X4 Ⅲ 3X4= 20.0 24.0" 40.0 10.0 1.25 10.0 PSF 0.0 10-0-0 PSF PSF PSF PSF DATE REF FROM SEQN-HC-ENG 00 JREF -DRW HCUSR8228 08023087 Scale = .25"/Ft. בענייני יבע פי יוונים יוווי. R8228-1TEE8228Z04 DF / DF 61258 01/23/08 45712

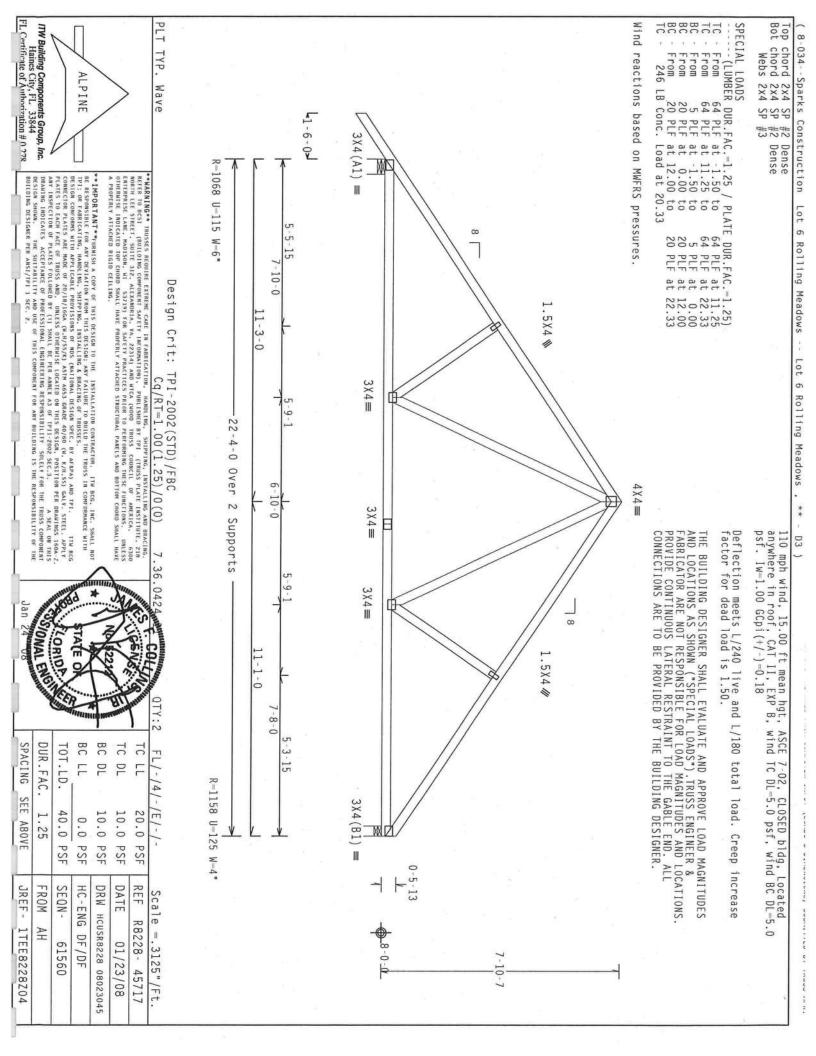
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot (A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (B) 1x4~#3 or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave 1-6-0 $3X4(A1) \equiv$ R=1205 U=81 W=6" **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

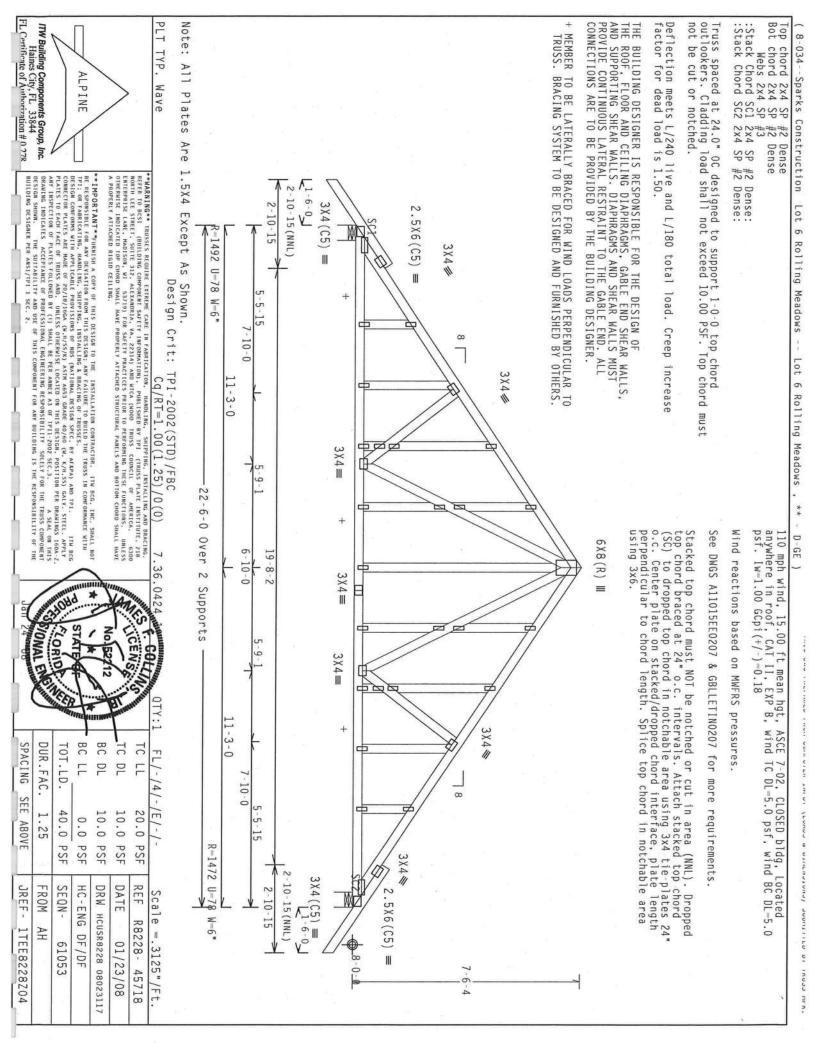
DESIGN CONFORMS WITH APPLICABLE PROPYSIONS OF HOS (MATICHAE) BESSON SPEC, BY AFRYA) AND TPI. ITH BCG
CONNECTOR PLATES ARE MADE OF 20/18/15GA (M.H/SS/K) ASTM A653 GRADE 40/60 (M.K/M.SS) GALV. STEEL, APPLY *WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, NA, 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THORITORS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE CONNECTOR PLATES ARE MADE OF 20/18/15GA
PLATES TO EACH FACE OF TRUSS AND, UNLES DRAWING INDICATES PROPERLY ATTACHED RIGID CEILING Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows 8 2-7 1.5X4 Ⅲ 2-0-0 Design Crit: 3X4# 3X4// 5-9-9 SE LOCATED ON THIS DESIGN, POSITION PER DR PER ANNEX A3 OF TPI1-2502 SEC.3. A TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 26-0-0 $3X4 \equiv$ 5×6= Over 2 Supports R DRAWINGS 160A-Z.
A SEAL ON THIS
E TRUSS COMPONENT
ONSIBILITY OF THE * 7-0-0 3 X 4 = 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels use purlins to brace all flat TC @ 0C. Right end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures 85) A 14-0-0 3X8= S/ONAL ENGINE 7-0-0 -0-0 R=1083 U=134 2.5X6(R) BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. (B) FL/-/4/-/E/-/-1.5X4 Ⅲ 10.0 40.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF 10-0-0 PSF PSF PSF FROM SEQN-DATE REF DRW HCUSR8228 08023066 00 JREF -HC-ENG Scale =.25"/Ft. R8228-1TEE8228Z04 DF / DF 61271 01/23/08 45713











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

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

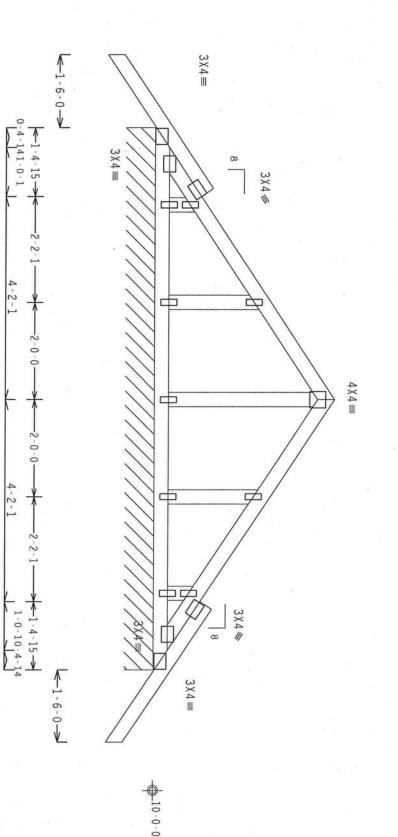
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

See DWGS All015EE0207 & GBLLETIN0207 for more requirements

110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind psf. Iw=1.00-GCpi(+/-)=0.18 7-02, CLOSED bldg, Located TC DL-5.0 psf, wind BC DL-5 DL=5.0

Wind reactions based on MWFRS pressures

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.



3-8

Note: All Plates Are 1.5X4 Except As Shown.

R-122 PLF U-9 PLF W-11-2-0

11-2-0

Over

Continuous Support

TYP.

Wave

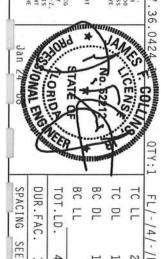
Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0)

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 210 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22313) AND WICA (1900) TRUSS COUNCIL OF AMERICA, 6300 ENTERPOLSE LAIE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS, UNLESS OTHERWISE HOLDSCALED FOR CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE FOR DULID THE TRUSS IN COMPORNANCE WITH FPI; OR FARRICATION, HANDLING, SHEPPING, INSTALLING & BRACLING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROPYISIONS OF ROS (MATIONAL DESIGN SPEC, BY WARDA) AND TPI. THE GEOGRAPH OF THE SECONDARY OF THE ACT OF TRUSSES AND. UNLESS OTHERHISE LOCATED ON THIS OFSIGN, POSITION PER DRAWINGS 166A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX A.O OF TPI1-2002 SEC. 3. ASTAL ON THIS COMPONENT FOR THE SHALL SHALL BE FOR THE TRUSS COMPONENT FOR THE SHALL SHALL BE FOR THE TRUSS COMPONENT FOR THE SHALL SHALL BE FOR THE TRUSS COMPONENT FOR THE TRUSS COMPONENT FOR THE SHALL BE FOR THE TRUSS COMPONENT FOR THE TRUSS COMPONENT FOR THE SHALL BE FOR THE TRUSS F BUILDING DESIGNER PER

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

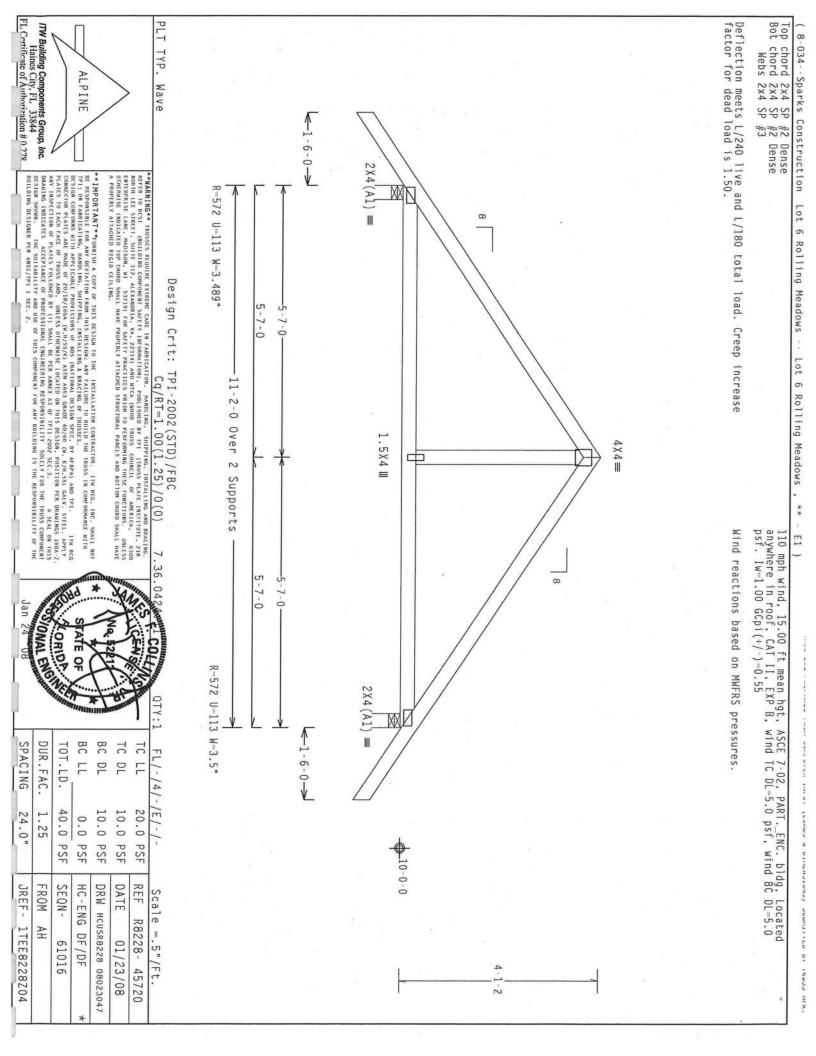
ALPINE



L	(3	Wight I	mun	ETIME	1	MINE.
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	ול בב
SEE ABOVE	C. 1.25). 40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF - 1TEE8228Z04	FROM AH	F SEQN- 61012	F HC-ENG DF/DF	F DRW HCUSR8228 08023046	F DATE 01/23/08	REF R8228 - 45719

Scale =

.5"/Ft



```
(9.94,10.04),
PLB-1090 LB C
(25.94,8.04), (25.94,8.04), (25.94,8.04)
TW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Left end vertical not exposed to wind pressure.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SPECIAL LOADS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8-034--Sparks Construction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         chord 2x4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2x6 SP #2:
Slider 2x4 SP
                                                                                                                                                                                          TYP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        chord 2x4 SP
chord 2x8 SP
Webs 2x4 SP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            From
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2839
1272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (LUMBER
                                                                                  ALPINE
                                                                                                                                                                                       Wave
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FB FB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            B Conc. Load at (3.06.10.04), (7.8 Conc. Load at (5.06.10.04), (7.94.10.04), (13.94.10.04), (19.94.10.04), (27.94.8.04), (29.94.8.04)

B Conc. Load at (34.88,8.04)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conc.
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#3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       at 39.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BLOCK LENGTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 f
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       a t
                                                                 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL N
BCR.ESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES IN COMPORNANCE WITH
TPI: OR FABBLICATIO, INANULUG, SHAPPING, INSTALLIG & BRACHING OF TRUSSES.
BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATRAY) AND IPI. ITN
BCSIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATRAY) AND IPI.
                                                                                                                             **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACTNG, REFER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (IRUSS PLATE HESTHUTE, 21B NORTH LEE STBEET, SHITE 33Z, ALEXANDRIA, VA. 22314) AND WICK, (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, MI 5379) FOR SAFETY PRACTICES PRIOR TO PER ORNING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
                                                  CONNECTOR PLATES ARE MADE OF 20/18/15GA PLATES TO EACH FACE OF TRUSS AND. UNLE
                                                                                                                          A PROPERLY ATTACHED RIGID CEILING
                               DRAWING INDICATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         :T4 2x6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (34.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            W14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Lot 6 Rolling Meadows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2x4 SP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3.906'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #2 Dense:
                                                                                                                                                                                                       Design Crit:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    40.50
22.00
39.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                34.88
                                                          ONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI.
(W.H/SS/K) ASTM A653 GRADE 40/60 (W. K/H.SS) GALV. STEEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lot 6 Rolling Meadows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (8.94,10.04)
), (17.94,10
                                                                                                                                                                                 TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (17.94,10.04)
(23.94,8.04)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    œ
                                                                                                                                                                                                                             R=10089 U=1085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5 X 8 (R)
                                                                                                                                                                                                                                                                                                                                                                                                                                                      4 X 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                      =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4X6(R)
                                                                                                                                                                                                                             W=4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                      7 X 6 =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         In lieu
OC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          110 mph wind, 15.00 ft mean hgt, ASCE 7-02, within 4.50 ft from roof edge, CAT II, EXP BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nailing Schedule: (12d Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @ 4.00" o.c.

Webs: 1 Row @ 4" o.c.

Repeat nailing as each layer is applied. Use equal spacin between rows and stagger nails in each row to avoid split
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Max JT VERT DEFL: LL: 0.30" DL: 0.45" recommended camber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Wind reactions based on MWFRS pressures
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            F7-GDR
                                                                                                                                                                                                                                                                                            20-10-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPLETE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 X 5 ≡
                                                                                                                                                                                                                                                                                                                6-11-5
                                                                                                                                                                                                                                                                          22-0-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    or better scab brace. with 10d Box or Gun (
                                                                                                                                                                                                                                                                                                                                                                                                                                                           €X6=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Deflection meets L/240 1:
1.5X4 W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.5X4 III
                                                                                                                                                                                                                                                                                                                                                                                                                            4X12≡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    structural panels use purlins to brace all flat TC @
      Jan
                                                                                                                                                                                                                                                         39-0-0
                  VONAL ENGIR
                                                  ORIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TRUSSES
                                                                                                                                                                                                                                                         Over
                                                                                                                                                                                                                                                                                                                                    -9-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6X12 ≥
                                                                                                                                                                                                                                                                                                                                                                                                                                                2-0-
                                                                                                                                                                                                                                                       N
                                                                                                                                                                                                                                                                                                                                                                                  2.5X8
                                                                                                                                                                                                                                                                                                                                                                                                                12X14 =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 e. Same size & 80% length of web member.
(0.128*x3*,min.)nails @ 6* 0C.
                                                                                                                                                                                                                                                   Supports
                                                                                                                                                                                                                                                                                                                                                                                                                                                   -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REQUIRED
                                                                                                                                                                                                                                                                                                                                                                                                                                                              W9
                                                                                                                                                                                                                                                                                                                                  4-11-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        live and L/180 total load. Creep
                                                                                                       BC DL
                                                                                                                                 TC
                                                                                                                                                          TC LL
     SPACING
                             DUR.FAC.
                                                     TOT.LD.
                                                                                                                                                                                   FL/-/4/-
                                                                                                                                                                                                                                                                                                                                                                                                                8X14≡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3X4 //
                                                                                                                                 DL
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     SEE
                                                                                                                                                                                                                                                                       17-0-0
                                                                                                                                                                                                                                                                                                                3-0
                                                     40.0
                                                                                                                                                             20.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10X10 ≈
                                                                                                       10.0
                                                                                                                                 10.0
                                                                               0.0
   ABOVE
                                                                                                                                                                                                                                                                                                                                                                                                                  €X8≡
                           .25
                                                                                                                                                                                                                                                                                                                                  12-8-01
                                                                                                       PSF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        spacing splitting.
                                                     PSF
                                                                                                                                 PSF
                                                                                                                                                           PSF
                                                                                                                                                                                                                                                                                                   8-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8X10 =
                                                                                                                                                                                                                                                                                                                                                                                  2X4 III
                                                                                                                                                                                                                                                                                                                                                                                                        5X5(C5) =
                                                                                                                                                                                                                   R-11333 U-1291 W-6"
                                                                                                                                                                                                                                                                                                                                  4-1-8
                                                                                                                                 DATE
                                                                                                                                                         REF
                         FROM
                                                  SEQN-
                                                                              HC-ENG
                                                                                                     DRW HCUSR8228 08023053
  JREF -
                                                                                                                                                                                  Scale = .125"/Ft
                                                                                                                                                       R8228-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        is 1.50.
 1TEE8228Z04
                                                                                                                                                                                                                                                                                                                                                                                                                           5 \times 10^{+0.0} (0.5) =
                                                                              DF / DF
                                                                                                                                 01/23/08
                                                     61644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10
                                                                                                                                                       45721
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -8-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            _10-0-0
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ITW Building Components Group, Inc. Haines City, FL 33844 FL Continuate of Authorization # 0.278 PLT TYP. Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ (A) 8-034--Sparks Construction Continuous lateral bracing equally spaced on member chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave 2X4(A1) = R=540 U=103 4-6-0 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FARRECTION, MANULUKG, SHIPPING, INSTALLING A BRACTING OF TRUSSES; AND AND FFI. ITN BCG CONTRONS WITH APPLICABLE PROVISIONS OF MIDS (MATIONAL DESIGN SPEC, BY AFRA) AND FFI. ITN BCG CONTROLS ARE MADE OF ZO/189/160A, CHAINSKY, ASTH AGES GROBE 40/60 (M. K/H.SS) GALY. STEEL, APPLY BLAITES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PARTES POLICIONED (*) SHALL BE FER ANNEX AS OF TPI1-ZOOZ SEC.3. A SEA. OR THIS ANY INSPECTION OF PARTES POLICIONED (*) SHALL BE FER ANNEX AS OF TPI1-ZOOZ SEC.3. A SEA. OR THIS DESIGN POLICIONED (*) THE TRUSS COMPONENT REFER TO BESS! (QUILDING COMPONENT SAFETY INFORMATION, HANDLING, SHIPPING, HISTALLING AND BRACING, WHEN LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERFERSE LAKE, MAISON, VI S3719) FOR SAFETY PRACTICES PRIOR TO PEFFORMENT HEST FUNCTIONS. UNLESS OTHERWISE HOLDSCAFED FOR ORDERICA, AND SOFT WAS A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI I **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. 1.5X4 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 8-9-0-9-0-0 9-0-0 11-4-0 -7-12 Design Crit: ∞ 2-0 22-8-0 Over 3 Supports -0 1.5X4 III 5 X 6 ≡ R=671 U=152 W=6" 2-4-0 1.5X4 III TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 3 X 7 ≡ 5 X 6 ≡ 2 6-0-0 6-0-0 N. POSITION PER DRAWINGS 160A-Z.
02 SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
NG IS THE RESPONSIBILITY OF THE 13-8-0 ** 1-4-0 3X4/ 3 X 4 ≡ Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures 5-4-0 8 R-797 U-158 W-6" LORIDE TATE 6 3X4 / 1.5X4 Ⅲ 1-6-0 BC DL TC LL TC DL SPACING DUR.FAC. TOT.LD. 8-0-0 FL/-/4/-/E/-/-10.0 20.0 40.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF SEQN-FROM DATE REF JREF -HC-ENG DRW HCUSR8228 08023100 Scale =.25"/Ft. R8228- 45722 1TEE8228Z04 DF / DF 61134 01/23/08

TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3:W1 2x4 SP
:Lt Bearing Leg 2x4 SP #3: PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ End verticals not exposed to wind pressure. 8-034--Sparks Construction ALPINE Wave 4×4 m **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALTURE TO BUILD THE TRUSS IN COMFORMANCE WITH TPI; OR FARELATHE, HANDLING, SHIPPING, INSTALLING & BRACHER OF TRUSSES.

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITW BCC. CONNECTION PLATES ARE HAND OF 70/18/16GA (M.H/SS/K) ASTM A653 GRADE 40/50 (M. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OFHERHISE LOCATED ON THIS DESIGN, POSITION FOR BUNNINGS 16GA-Z BUILDING DESIGNER PER ANSI/TPI MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA.
ENTERPRISE LANE, MADISON, M. 53719) FOR SA
OTHERMISE INDICATED TO CHORD SMALL HAVE PRO
A PROPERLY ATTACHED RIGID CEILING. *WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SMIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IFI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREIT, SUITE 317, ALEXANDRIA, VA. 22314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6200 HORTH LEE STREIT, SUITE 317, ALEXANDRIA, VA. 22314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6200 HORTH LEE STREIT, SUITE 317, ALEXANDRIA, VA. 22314) AND NICA (MOOD TRUSS COUNCIL OF MARICA, 6200 HORTH LEE STREIT MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUST OF THE PRACTICES. DRAWING INDICATES 2X4= 3 \ 4 == Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows , #2 Dense: R-584 U-74 W-3.5" 2-4-8 00 2-4-8 $3 \times 4 \equiv$ 5×6= Design Crit: 14-0-0 6-0-0 6-0-0 Over TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 2 Supports 1-4-0 3X4// 3 \ 4 = DESIGN. POSITION PER DR 5-4-0 -4-0 8 R=689 U=34 W=6" ** 1.5X4 Ⅲ 3X4/ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. (A) Continuous lateral bracing equally spaced on member F8 1-6-0 nBP SONAL ENGIN CORIO BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/E/-/-20.0 40.0 24.0" 10.0 PSF 1.25 0.0 10.0 PSF PSF PSF PSF FROM SEQN-DATE REF JREF -DRW HCUSR8228 08023103 HC-ENG Scale = .25"/Ft. R8228- 45723 1TEE8228Z04 DF / DF 61138 01/23/08

Bot chord 2x4 SP t chord 2x6 SP Webs 2x4 SP #2 Dense #2 :B2 2x4 SP #3 #2 Dense

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

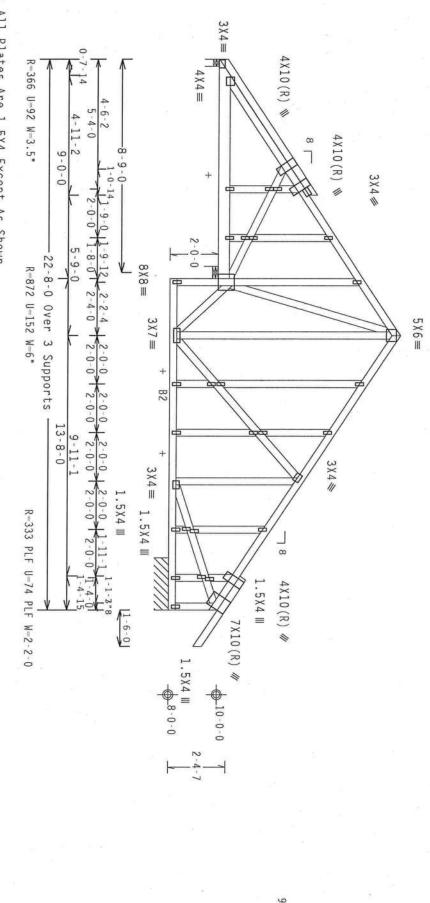
MEMBER TO BE LATERALLY BRACED FOR WIND LOADS PERPENDICULAR TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS. AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.



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

PLT TYP.

Wave

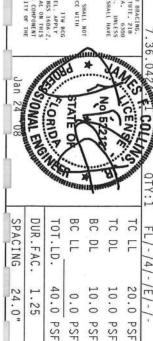
WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY IMPORMATION). PUBLISHED BY TET CHUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 315, ALEXANDRIA, VA. 22314) AND HTCA (4000 TRUSS COUNCIL D'AMERICA. 6300 ENTERGAISE LANE, MANISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SHALL HAVE TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0)

PLATES TO EACH FACE OF ANY INSPECTION OF PLAT DRAWING INDICATES ACC **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW SCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FARRICATING, MANDLING, SHEPPING, INSTALLING & BRACING OF REUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ADS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITW BCG

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

ALPINE



PSF PSF

SEQN-HC-ENG

FROM

JREF -

1TEE8228Z04

PSF PSF

> Scale = .25"/Ft. R8228-

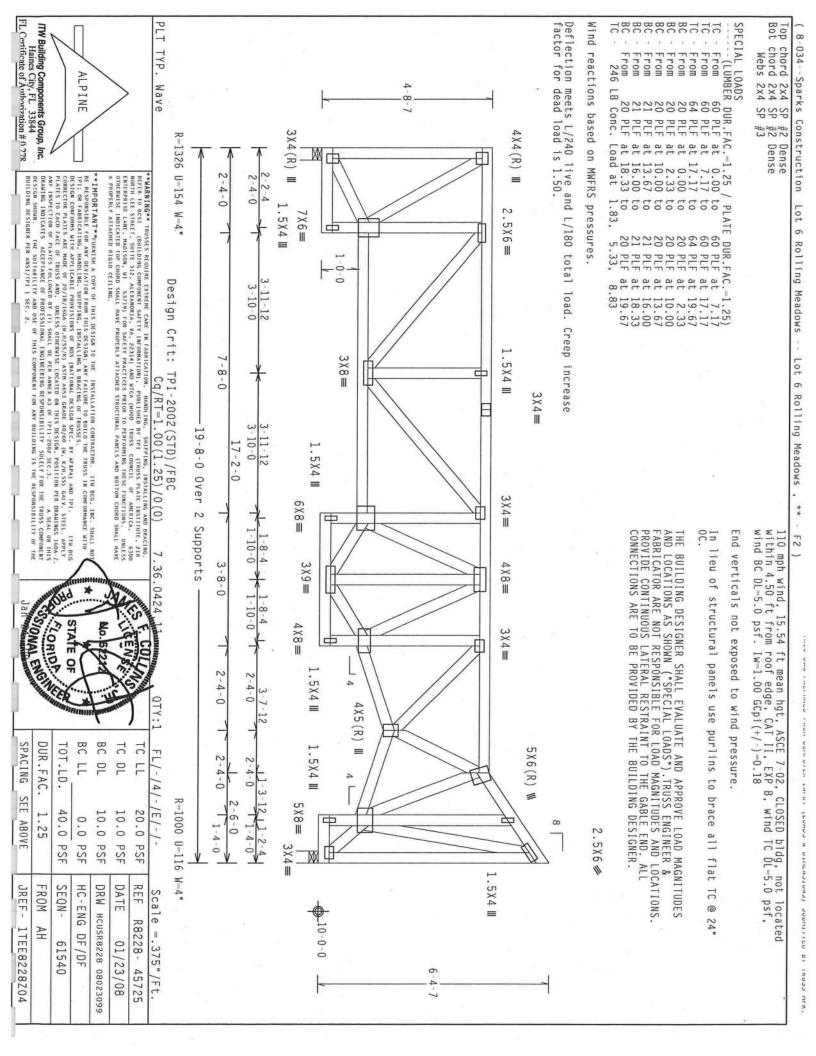
DATE REF

01/23/08 45724

DRW HCUSR8228 08023098

DF / DF 61130

	BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.
SPONSIBILITY OF THE	DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
THE TRUSS COMPONENT	DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
A SEAL ON THIS	ANT INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS
PER DRAWINGS 160A-Z.	ATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION P
TALV. STEEL. APPLY	CONNECTOR PLATES ARE HADE OF 20/18/16GA (W.H/SS/K) ASTM A653 GRADE 40/60 (W. K/H.SS) GALV. STEEL. APPLY
D TPI. ITW BCG	DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFRA) AND TPI.
	TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
TATAL MAN THE SERVICE SERVICES AND ADDRESS.	The second secon



Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W4 2x6 SP #2:

verticals not exposed to wind pressure

End

Max JT VERT DEFL: LL: 0.10" DL: 0.16" recommended camber

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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

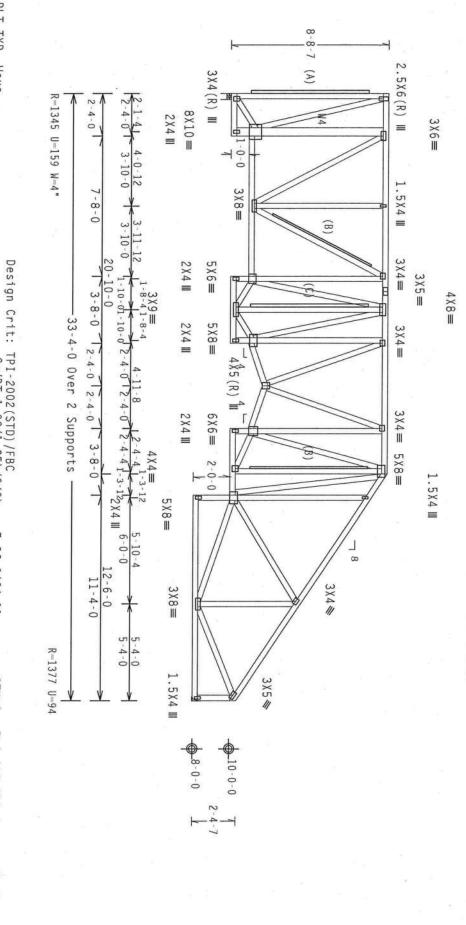
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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

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



10-8-7

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

PLT TYP.

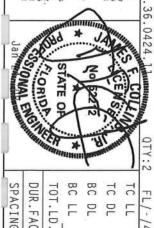
Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 21B MORTH LEE STREET, SUITE 137, ALEXANDRIA, VA, 22314) AND NICA (HOOD TRUSS COUNCIL OF AMERICA, 6300 ERRIEGENESE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SMALL MANE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MANE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MANE PROPERLY ATTACHED TOP CHORD SMALL MANE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MANE PROPERLY ATTACHED. AMERICA. 6300 UNCTIONS. UNLESS M CHORD SHALL HAVE

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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITTO BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE FO UNLIGH THE TRUSS IN COMFORMANCE WITH TPI: OR FARRICALING, ANDLING, SHEPPING, INSTALLING & BRACTING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITTN BCG CONNECTOR PLATES ARE MADE OF 20/18/160A (4.1/55/F) ASTH A633 GRADU 40/160 (4. K/H.55) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. HULESS OTHERWISE (CACHE ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. PLATES TO EACH FACE OF TRUSS AND. HULESS OTHERWISE (CACHE ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS 3 OF 1P11-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. DRAWING INDICATES SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE



	SPACING 24.0" JREF- 1TEE82	DUR.FAC. 1.25 FROM AH	TOT.LD. 40.0 PSF SEQN- 6155	BC LL 0.0 PSF HC-ENG DF/DF	BC DL 10.0 PSF DRW HCUSR8228	DL 10.0 PSF DATE	LL LOSCO . 2: VEL VOCCO.
3	1TEE8228Z04	АН	61552	DF/DF	HCUSR8228 08023072	01/23/08	07/0- 42/70

Scale = .1875"/Ft.

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot PLT TYP. Note: All Plates Are 3X4 Except As Shown. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. End (A) Continuous lateral bracing equally spaced on member 8-034--Sparks Construction Chord 2x4 SP Chord 2x4 SP Webs 2x4 SP verticals not exposed to wind pressure ALPINE Wave R-842 U=172 W-4" 2-2-4 2-4-0 #2 2X4 III €X6≡ Dense Dense H1-0-0 **WARNING** TRUSSES REQUIRE EXTREM REFER TO BCSI. (BUILDING COMPONENT HORSTH LEE STREET, SUITE 312, ALEXAL ENTERPRISE LAME, MADISON, MI 5371-OTHERNISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGHD CEILING. 3-10-0 **IMPORTANT***UNENESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL N

WE RESCOUSTME FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMACE WITH

THIS OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACTING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF BDS (NATIONAL DESIGN SPEC, BY AEPA) AND TPI.

CONNECTOR FLATES ARE MODE OF EXPLOYING ANY AISSY) ASTAY MASJ GRADE 40760 (M. K/H.SS) GALY, STEEL, APPL

CONNECTOR FLATES ARE MODE OF EXPLOYING ANY AISSY) ASTAY MASJ GRADE 40760 (M. K/H.SS) BUILDING DESIGNER PER ANSI/TPI DRAWING INDICATES Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 3X7= 7-8-0 .5X4 III 3-10-0 SUITE 312. ALEXANDRIA. ADISON. WI 53719) FO -11-12 CHIEF EXTREME CAME IN FABRICATION. HAMDLING. SHIPPING, INSTALLING AND SHACING.
NG COMPONENT SACETY INFORMATION), PUBLICATED BY IP (TRUSS PLATE INSTITUTE, ZIB
JZ. ALEXANDRIA, VA. 22314) AND MICA (ADOD TRUSS COUNCIL OF AMERICA,
3200 M. 41 53313) FOR SAVETY PRACTICES PRIOR TO PEFORNING INESS FUNCTIONS. UNIXCHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PREES AND BOTTOM CHORD SHALL HAVE XE0-9-61 5 X 4 == Design Crit: 2X4 III 5 X 6 ≡ -10-01-10-0 2-4-0 12-4-0 3 X 7 ≡ 3-8-0 1-8-4 33-4-0 Over 3 Supports 2X4 III 5 X 6 ≡ 12-4-0 2-4-0 1-4-0 (MATIONAL DESIGN SPEC. BY AFRPA) AND TPI.

) ASTM A653 GRADE 40/60 (M. K/H.S5) GALV. Y.

SE LOCATED ON THIS DESIGN, POSITION PER DRI

PER ANNEX A3 OF TPII-2002 SEC.3.

A TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) ⁴5×5≡⁴ 6X6 = 2X4 III 0 R=1377 W=4" 5×5= 3X4(R) 5 X 4 ≡ (A) ** STEEL APPLY In lieu of structural panels use purlins to brace all flat TC 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. 8-4-0 13-8-0 3×5/ 2-6-0 1.5X4 III 3 X 7 ≡ ORIOR ATE OF 5-4-0 5-4-0 R=690 U=132 W=6" 1.5X4 III 1-6-0 BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-8-0-0 40.0 20.0 10.0 24.0" 10.0 PSF 1.25 0.0 bldg, not located
TC DL=5.0 psf, PSF PSF PSF PSF REF FROM SEQN-DATE JREF -HC-ENG DRW HCUSR8228 08023102 Scale =.1875"/Ft. @ R8228-1TEE8228Z04 DF / DF 61510 01/23/08 10-8-7 45727

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Wind reactions based on MWFRS pressures. 100 BCC BCC BCC PLT TYP. SPECIAL LOADS 8-034--Sparks Construction From From From From & DUR.FAC. 60 PLF at 20 PLF a 20 PLF 20 PLF 21 PL 21 PL 20 F (LUMBER ALPINE Wave Conc. 7-4-7 (A) #2 Dense #2 Dense #3 2.5X6(R) III R=1325 U=191 W=4" 3X4(R) III 18. 10.00 13.67 16.00 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FAREIGNALING, MANDLIGS, SHEPTHAG, INSTALLING A BRACHE OF TRUSSES, BY ATARA, AND TPI. ITH BCG CONNECTOR FAIRS ARE THOSE OF 20/18/16/AG, (A) H/SS/KJA, ASTH ASPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATARA, AND TPI. ITH BCG CONNECTOR FAIRS ARE MADE OF 20/18/16/AG, (A) H/SS/KJA, ASTH ASS GRADE AD/50 (M. K/H.S.) GALV. STELL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS DITEMALS LOCATED ON THIS DESIGN, POSITION PER DRAWINGS SHOW, 2. ANY HISPECTION OF PLATES TO LOCATED ON THIS DESIGN. 2. ASEA. ON THIS DESIGN OF PLATES TO LOCATED AND THE TRUSS COMPONENT **WARNING** TRUSSES BEQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEGI. (BUILDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 219 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. A PROPERLY ATTACHED RIGID CEILING. 2-4-0 to tt0000 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 7×6≡ 3 X 4 ≡ 20 21 21 20 5 1-0 0 Design Crit: 3-10-0 10.00 13.67 16.00 13.67 16.00 18.33 19.67 1.5X4 III 1.5X4 II 3X7= 7-8-0 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 19-8-0 Over 3-10-0 $3X4 \equiv$ 3 X 4 ≡ .5X4 III 6X6≡ 2 Supports 1-10-0 * 3X7≡ 3 X 7 ≡ 3-8-0 110 mph wind, 17.37 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 1-10-0 (A) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C. End verticals not exposed to wind pressure The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ F4 1-8-4 1.5X4 Ⅲ 5 X 6 ≡ 3 X 4 = 2-4-0 SSONAL ENGIN 2-4-0 4 CORIDE 4X5(R) Ⅲ TATE 2-4-0 2-4-0 2.5X6= 1.5X4 III €X6= R=991 U=143 W=4" 1-4-0 1-4-6 3X4(R) ■ BC DL TC DL DUR.FAC. SPACING TOT.LD. FL/-/4/-/E/-/-W 3X4 \$\infty 10-0-0 SEE 40.0 20.0 10.0 1.25 10.0 PSF 0.0 ABOVE bldg, not located TC DL=5.0 psf, PSF PSF PSF PSF JREF -FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 08023109 Scale =.3125"/Ft. R8228-1TEE8228Z04 DF / DF 01/23/08 61546 45728

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS").TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS. PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER. PLT TYP. SPECIAL LOADS 8-034--Sparks Construction chord 2x4 SP chord 2x4 SP Webs 2x4 SP From From From From From From (LUMBER ALPINE Wave LB Conc. DUR.FAC #2 Dense #2 Dense #3 16.00 6 **IMPORTANT ** TRUBISM, A COPY OF THIS DESIGN TO THE INSTALLATION COMPACTOR. THE MEG. THE SHALL HE PRESENTED FOR ANY POSTATION FROM HIS DESIGN. ANY FALLER TO BUILD THE TRUSS IN COMPORMACE WITH PILL OF FARRICATING, IMMULING. SHIPPING, INSTALLING, & BRACING OF TRUSSES. AT MADE AND PILL OR FARRICATING, IMMULING. SHIPPING, INSTALLING, BRACING OF TRUSSES. AT MADE AND PILL OR SIGN OF THE SHALLOW AND PILL OF THE SHALO ****WARNING*** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BESS! (BUILDING COMPONENT SAFETY LIPGEMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MOBIN LEE SIREE, SUITE 312, ALEXANDRIA, VA, 22314) AND WITCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERIEGEMENTS LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI I SEC. ANY INSPECTION OF PLATE **WARNING** TRUSSES DRAWING INDICATES ACCEPTANCE OF R=1325 U=164 W=4" t t t t t t to Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 2.5X6(R) 3X4(R) III 2-4-0 Design 7 X 6 == 19.67 2.33 10.00 13.67 16.00 18.33 19.67 2.5X6≡ 1-0 Crit: 0 -10-01.5X4 Ⅲ TPI-2002(STN) /FRC Cq/RT=1.00(19-8-0 Over 2 Supports 1.5X4 3X7= 7-8-0 3-10-0 11 - 123 X 4 ≡ 3 X 4 ≡ 1.5X4 III €X6= 110 mph wind, 16.04 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. End verticals not exposed to wind pressure F3) 1-10-0 3 \(8 ≡ 3 X 8 ≡ 3-8-0 1-10-0 1.5X4 III 5×6= 3 X 4 ≡ 2-4-0 2-4-0 4 4X5(R) Ⅲ 2-4-0 2-4-0 BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. -/-2.5X6 = 1.5X4 Ⅲ €X6= T1-4-0 R=991 1-4-0 3 X 4 (R) Ⅲ 20.0 IE7 40.0 10.0 10.0 0.0 ABOVE M . 25 U-123 W-4" bldg, not located TC DL-5.0 psf, 3 X 4 ≡ PSF PSF PSF PSF REF FROM SEQN-DATE JREF -HC-ENG DRW HCUSR8228 08023110 Scale = .3125"/Ft. R8228-1TEE8228Z04 DF / DF 61530 01/23/08 45729

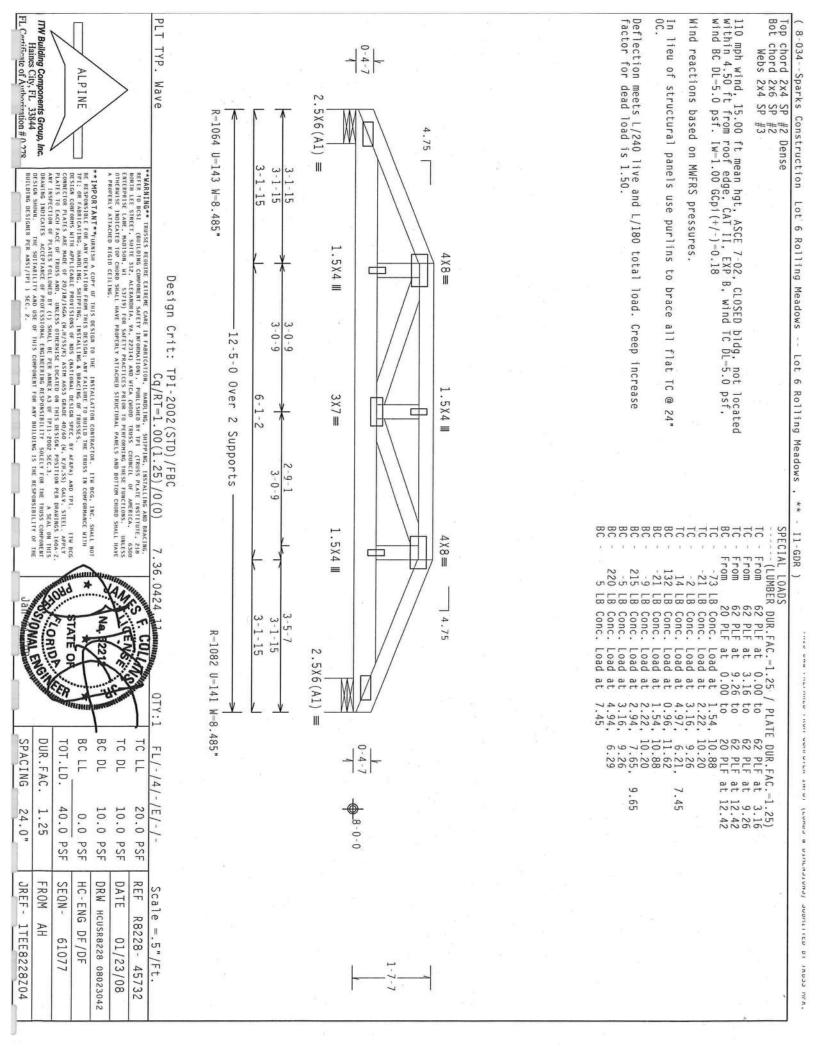
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. #1 hip supports 5-0-0 jacks with no webs. In lieu of structural panels use purlins to brace all flat TC @ 24" OC. (8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W4, W10 2x4 SP ALPINE Wave **€**1-6-0 **>** 3X4(A1) = 5X10(**)R-1193 U-103 W-6" **IMPORTANT***QUERISH A COPY OF THIS DESIGN TO THE HISTALLATINE CONTRACTOR. ITW BCG, INC. SHALL N

BE RESONSIBLE TOO ANY DETYLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH

THI, OR FARRICATING, MANDLING, SHIPPING, INSTALLING & BRACTING OF TRUSSES.

DESIGN COMPONES HITH APPLICABLE PROVISIONS OF NDS (HATIONAL DESIGN SPEC, BY AEFAS) AND TPI,

CONNECTOR FLATES ARE MADE OF 20/18/18/06, (N-4)/55/21) ASTH ASSO GRADE 40/60 (N-K/M-XS) GALV. STEEL APPL BUILDING DESIGNER PER 1-6-8 α 2-6-0 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 2.5X8 # 4 X 5 ≡ 9"12 1.5X4 III 2.5X6 #2 Dense: RE EXTREME CARE IN F Design Crit: 1-0-0 2-7-12 4×6= 3 X 7 ≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 16-10-0 TPI (TRUSS PLATE INSTITUTE, 218 11-10-0 Over 2 Supports 6-10-0 6-6-8 6 - 10 - 0110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. (**) 2 plate(s) require special positioning. Refer plot details for special positioning requirements. 4 X 8 == 3 X 4 ≡ 2-7-12 5X10(**) 2.5X6 1.5X4 III 2.5X8 / R-1193 U-103 W-6" 2-6-0 $3X4(A1) \equiv$ BC LL 1-6-8 BC DL TC LL TC DL DUR.FAC. SPACING TOT.LD. FL/-/4/-/E/-/α **€**1-6-0 **≥** SEE ABOVE 10.0 1.25 40.0 10.0 20.0 0.0 PSF PSF PSF to scaled plate PSF JREF -SEQN-DATE REF DRW HCUSR8228 08023048 HC-ENG Scale = .375"/Ft. R8228- 45730 1TEE8228Z04 DF / DF 61275 01/23/08



Haines City, FL 33844
FL Confidente of Authorization # 0 278 PLT TYP. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense ITW Building Components Group, Inc. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ 8-034--Sparks Construction ALPINE Wave **WARNING** TRUSSES REGUI REFER TO BCSI (BUILDING C NORTH LEE STREET, SUITE 312 ENTERPPLISE LAME, MADISON, I OTHERWISE INDICATED TOP CHO **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSIGLIATION CONTRACTOR. ITH BCG. INC. SMALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, VEY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FDI: OR FARRICATING. ANDLUNG. SHEPDIG. INSIGLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS. (MATIONAL DESIGN SPEC. BY AFRA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/16/66. (N. H/SSN). ASTM ASS'S GRADE 40/60 (N. L/M.SS.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION OF PLATES FOLLOWED BY (I) SMALL BE PER ANNEX AS OF FPII-2002 SEC. 3. A SEAL ON THIS DESIGN. AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SMALL BE PER ANNEX AS OF FPII-2002 SEC. 3. A SEAL ON THIS DESIGN. THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows , 1-6-0-1 (BUILDING COMPONENT SAFETY INFORMATION). 00 1-10-8 Over 3 Supports 2X4(A1) =CHORD SMALL HAVE PROPERLY ATTACHED SENECTION, HANDING, SHIPPING, INSTALLING AND BRACING, SINGLE SMALE INSTALLING AND BRACING, GROUPERL SAFETY HADDRAKATON, PUBLISHED N THE (INMES PLATE INSTITUTE, 270 MG, COMPORTA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 MG, SAFETY PRACTICES PRIOR TO EXPONENTIA THESE FUNCTIONS. UNIVERSIGNATION OF THE PROPERTY OF THE SAFETY PRACTICES. Design Crit: R=242 U=25 W=6" \mathbb{W} TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R=5 U=6 R=14 U=8 * 8-0-0 Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind psf. Iw=1.00 GCpi(+/-)=0.18 EJ1) TC LL BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0 40.0 10.0 24.0" 1.25 10.0 PSF 20.0 PSF 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF DRW HCUSR8228 08023084 HC-ENG DF/DF ייישן שטטוונוינט טו זאטשש זווא. Scale =.5"/Ft. R8228- 45733 1TEE8228Z04 60829 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278. Bot 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 PLT TYP. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI; OR FAREACHING, HANDLIGG. SHEPPIG, INSTALLING & BRACKLING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFREA) AND TPI.

THU BCG COMMERCIAR FLACES ARE ALONE OF 20/19/19/6A. (M.H/SKY) ASTH AGES GRADE 40/50 (M. K/H.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNIES LOCATED OR THIS DESIGN, POSITION PER DRAHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER X 3:00 TPI1; 2002 SEC.3. A SEA. ON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS SCHOOL SECOND SHOULDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER AND UTILS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** IRUSSES BEQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 21) NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRIS LANE, MADISON, NI 5373) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUSTONS UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE N PROPERLY ATTACHED RIGID CEILING Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . **1**-6-0-**√** 1-5-12 Over 3 Supports 2X4(A1) =Design Crit: R=242 U=30 W=6" \mathbb{M} TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /0(0) R=-3 U=9 R=-11 U=21 * 8-0-0 Bearing reactions of -2# at (1-5-12, 8-0-0), -10# at (1-5-12, 9-0-13), require special connection to resist uplift from loads other than wind. 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. J1A) CORIOR BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/-/-20.0 40.0 10.0 PSF 1.25 10.0 PSF 0.0 PSF ים מ חזורטיזרטיין יחחטדוונה חו נצחים נונש. PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023075 Scale = .5"/Ft. R8228 - 45734 DF / DF 60834 01/23/08

SPACING

24.0"

JREF -

1TEE8228Z04

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $Iw=1.00~\rm GCpi(+/-)=0.18$ PLT TYP. Top chord 2x4 SP Bot chord 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ 8-034--Sparks Construction ALPINE Wave #2 Dense #2 Dense **IMPORTANT***URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BRILD THE RRUSS IN CONTORNANCE WITH TPI: OR FARELATING, INNOLLING, SHEPPLING, INSTALLING OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF HDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI:

CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H/SS/K) ASTH A653 GRADE 40/60 (M. K/H.SS) GALV. STEEL. APPLY

LATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRANKINGS 166A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI-2002 SEC.3. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-20 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI I A PROPERLY ATTACHED RIGID CEILING Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows , **1**-9-13-√ 6.6 $2X4(A1) \equiv$ Design Crit: 2-3-4 Over 3 Supports R=119 U=17 W=7.268 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R---5 R=-2 U=2 * Hipjack supports 1-7-4 setback jacks with no webs. Wind reactions based on MWFRS pressures. Bearing reactions of .5# at $(2\cdot 3\cdot 4$, $8\cdot 0\cdot 0)$, .2# at $(2\cdot 3\cdot 4$, $9\cdot 3\cdot 11)$, require special connection to resist uplift from loads other than wind. HJ1) BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/E/-/-40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF DATE FROM SEQN-REF HC-ENG DRW HCUSR8228 08023064 Scale = .5"/Ft. R8228-DF / DF 60847 01/23/08 45735

SPACING

SEE

ABOVE

JREF -

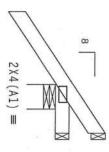
1TEE8228Z04

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 PLT TYP. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense ALPINE Wave 0-4-7 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI: OR FARBICALING, HANDLING, SHEPPING, INSTALLING A BRACHING OF TRUSSES. DESIGN CONTROLING, SHEPPING, INSTALLING A BRACHING OF TRUSSES. DESIGN CONTROLING, SHEPPING, INSTALLING A BRACHING OF TRUSSES. DESIGN CONTROLING CONTROLIN **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY IMPORATION). PHULLINGED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND HICA (400D TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING THESE FUNCTIONS. UNLESS OFHERMISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI I Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 1-6-13 Over 3 Supports 2X4'(A1) Design Crit: R=280 U=41 W=6" \mathbb{M} TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R=-21 U=27 R=-9 U=12 ** Bearing reactions of -8# 8-11-7), require special other than wind. 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. J18 Jan SONAL ENGI CORIO at (1-6-13, 8-0-0), -20# at (1-6-13, 6-0) connection to resist uplift from loads BC LL BC DL TOT.LD. TC DL TC LL SPACING DUR.FAC. FL/-/4/-/E/-/-40.0 20.0 24.0" 10.0 PSF 1.25 10.0 PSF 0.0 PSF PSF PSF FROM SEQN-DATE REF JREF -DRW HCUSR8228 08023106 HC-ENG Scale = .5"/Ft. R8228- 45736 1TEE8228Z04 DF / DF 60839 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot PLT TYP. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense ALPINE Wave 0-4-7 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FARRICATING, HANDLING, SHAPPINE, HISTALLING A BRACHING OF TRUSSES. DESIGN CONTROLLING, SHAPPINE, HISTALLING A BRACHING OF TRUSSES. DESIGN CONTROLLING, SHAPPINE, HISTALLING ADDITIONAL DESIGN SPEC. BY AVERA) AND TPI. BCG CONNECTOR PLATES ARE MADE OF 20/18/1664 (M.H/SSS/M) ASTH M653 GRADE 40/60 (M. K/M.SS) GALY. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHRGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ARMEX AS OF TPII-2002 SEC. 3. A SEAL ON THIS DRAWING HOLDCREES ACCURPORENT TO THE STRONG PROPERTY OF THE TRUSS COMPONENT OF A SHALL ON THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULFABLILITY OF THE REFER TO BOSS ROUTRE EXTREME CARE IN FARRICATION, HARDLING, SHIPPING, INSTALLING AND BRACING, NORTH LES STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND NICA (8000 TRUSS COUNCIL OF AMERICA, 3300 LENERPRISE LAME, MADISON, HI 53715) FOR SAFETY PRACTICES PRIDE TO DEFICIENT HIS FUNCTIONS. UNLESS OTHERNISE INDICATED FOR GROUPS SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHARGE. UNLESS A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHARGE. BUILDING DESIGNER PER ANSI/TPI Lot 6 Rolling Meadows --6.72 1-1-1 Over 3 Supports 2X4'(A1)' =Design Crit: R=305 U=57 W=6" Lot 6 Rolling Meadows . TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R=-73 U=55 R=-21 U=18 5 0-11-12 8-0-0 ** Wind reactions based on MWFRS pressures. Bearing reactions of -21# at (1-1-1, 8-0-0), -73# at (1-1-1, 8-8-4), require special connection to resist uplift from loads other than wind. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. J1C) Jan SIONAL ENGINES BC LL DUR.FAC. BC DL TC LL SPACING 14 PL TOT.LD. FL/-/4/-/E/-/-20.0 40.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023095 Scale =.5"/Ft. R8228 - 45737 1TEE8228Z04 DF / DF 60843 01/23/08

Bot 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Lot 6 Rolling Meadows --ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 Lot 6 Rolling Meadows . ** Wind reactions based on MWFRS pressures Bearing reactions of -14# at (1-0-0, 8-0-0), -59# at (1-0-0, 8-8-15), require special connection to resist uplift from loads other than wind. J1)

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



8-8-15

R=-14 U=14 -59 U=50

1-6-0-1-0-0 Over 3 Supports R=261 U=45 W=6"

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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SHITE 312, ALEXANDRIA, VA., 22314) AND MICA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOR CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FAREACTING, HANGLING, SHEPPING, HISTALLING A BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROPUSIONS OF MUS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/12/15/66, (W.H.7SYL) ASTH ASS GRADE 40/50 (N. K.M.SY.) 6AUX. SELEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PDI1-2002 SEC. 3. A SEAL ON THIS DRAWHING INDICATES ACCEPTANCE OF PROPESSIONAL REGISTERING RESPONSIBILITY SOLELY FOR THE TRUSS CORPORENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

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

ALPINE



PSF

REF

R8228- 45738

Scale = .5"/Ft.

40.0 10.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF DATE JREF -FROM SEQN-HC-ENG DRW HCUSR8228 08023052 1TEE8228Z04 DF / DF 60851 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot PLT TYP. Hipjack supports 5-0-0 setback jacks with no webs. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ERROR THIS DESIGN; VE FALLIE OF DUILD THE TRUSS IN COMPORMANCE WITH IPI: OR FARBICATING, HANDLING, SHIPPING, HISTALLING A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DUS. (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. THE BCG CONNECTOR PLAIRS ARE MADE OF 20/18/16/06, (M.H.7587) ASTA MASS GRADE 40/60 (M.K./M.SS) AGAL SIEGE. APPLY PLAIRS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY HISTOCIATES ACCEPTANCE OF PROFESSIONAL HERBURE ADMEX AS OF 1FI1-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (UNITDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PT (TRUSS PLATE INSTITUTE, 210 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WITCA (1400) TRUSS COUNCIL OF AMERICA, 6300 ENTERERS ELAKE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TWESTIONS. JUNESS OFHERSISE HANDLES AND SOME SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUBELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . Design Crit: $2X4(A1) \equiv$ R=314 U=39 W=8.485" 5.66 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 3-6-7 7-0-14 Over 1.5X4 III 1.5X4 III 3 X 4 ≡ Φ ω Supports * 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. HJ5 R=69 R-230 U-44 ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 BC DL TC DL SPACING DUR.FAC. BC 10 TOT.LD. FL/-/4/-/E/-F 2 ά N 9-0-0 8-0-0 40.0 10.0 20.0 1.25 10.0 PSF 0.0 ABOVE PSF PSF PSF PSF JREF -FROM SEQN-DATE REF DRW HCUSR8228 08023050 HC-ENG Scale =.5"/Ft. R8228- 45739 1TEE8228Z04 DF / DF 61073 01/23/08

TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot PLT TYP. Hipjack supports 7-0-0 setback jacks with no webs. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, MY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FABRICATING, NANOLING, SHAPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRIPA) AND IPI. ITM BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/K) ASTH MGS3 GRANDE 40/60 (M.K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. MULTESS OTHERWISE (COLTRED ON THIS DESIGN, POSITION PER DRAWHINGS IGNA 2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF IPII 2002 SEC. 3. A SEAL ON THIS **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION.
REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION).
ROBER LEE STREET, SUITE 313, ALEXANDRA, VA, 223.14) AND WILL
ENTERPESE LAME, MODISON, MI 537.19) FOR SAFETY PRACTICES
OTHERWISE HOUGARD TOP CHORD SHALL MAVE PROPERLY ATTACHED
A PROPERLY ATTACHED TOP CHORD SHALL MAVE PROPERLY ATTACHED BUILDING DESIGNER PER ANSI/TPI I DRAWING INDICATES Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . $2X4(A1) \equiv$ Design Crit: R-472 U-50 W-8.485" 5.66 5-2-14 5 - 2 - 14TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 9-10-13 0ver 9-10-13 1.5X4 Ⅲ 3X4# 3 Supports ** 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. HJ7) 4-1-10 4-7-15 3 \ 4 == R = 375R=259 U=66 BC DL TC DL TC LL CONTROLLY THEAT (COUNTS & MINERATIONS) SEBULLIED BY IKUSS WIK. DUR.FAC. TOT.LD. FL/-/4/-/E/-/-N _12-8-4 20.0 40.0 10.0 1.25 0.0 10.0 PSF PSF PSF PSF PSF SEQN-FROM DATE REF HC-ENG DRW HCUSR8228 08023069 Scale =.375"/Ft. R8228- 45740 DF / DF 60884 01/23/08

SPACING

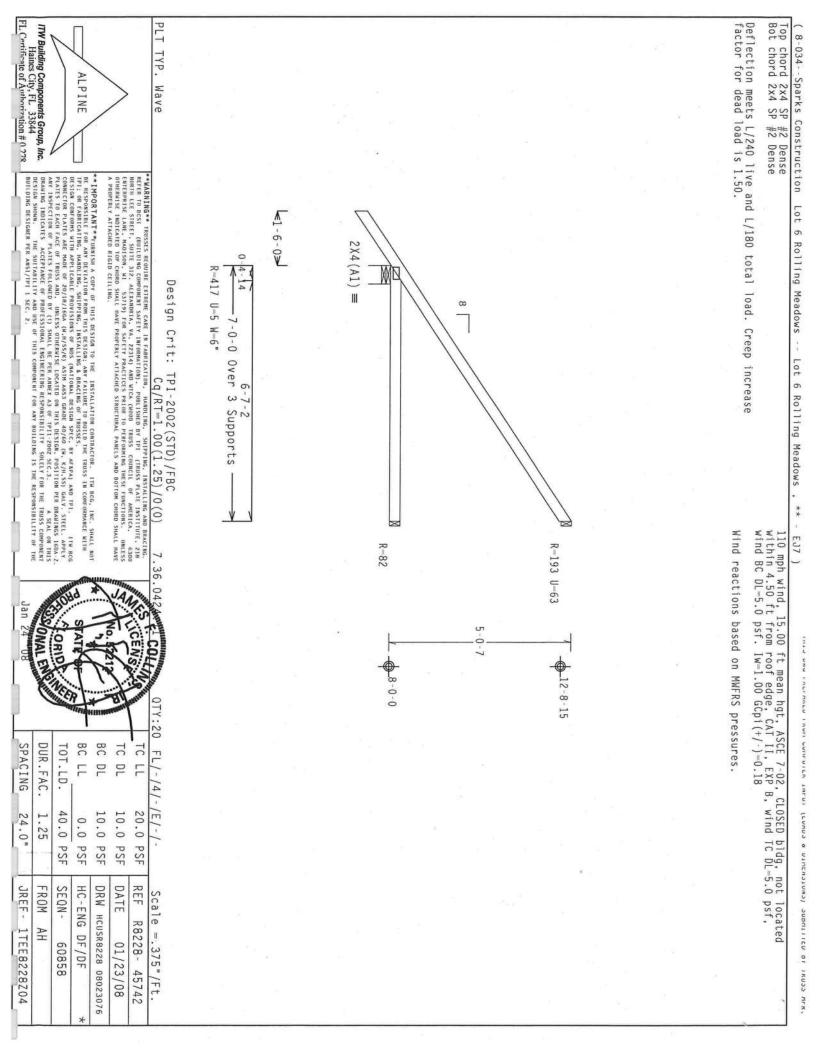
SEE

ABOVE

JREF -

1TEE8228Z04

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Hipjack supports 4-1-8 setback jacks with no webs. Top chord 2x4 SP Bot chord 2x4 SP 8-034--Sparks Construction ALPINE Wave #2 Dense #2 Dense WE RESONSHEE FOR ANY DEFINIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. HIC. SHALL NOT THE TEST OF THE TEST O **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY IMPORATION). PUBLISHED BY PT (TRUSS PLATE INSTITUTE, 218 WORTH LEE STREET, SUITE 137. ALEXANDRAI, VA. 22314) AND WITCA (4000) TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAME BUILDING DESIGNER PER ANSI/TPI I DRAWING INDICATES Lot 6 Rolling Meadows --Design Crit: $2X4(A1) \equiv$ 5.66 R-266 U-35 W-8.485" Lot 6 Rolling Meadows . TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 5-10-0 Over 3 Supports * Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 HJ4) ner R-48 R=138 U=34 ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 ₩10-9-10 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/E/-/-SEE 10.0 20.0 40.0 1.25 10.0 PSF 0.0 ABOVE PSF PSF PSF PSF FROM SEQN-DATE REF JREF -DRW HCUSR8228 08023089 HC-ENG Scale =.5"/Ft. R8228- 45741 1TEE8228Z04 DF / DF 88809 01/23/08



ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 PLT TYP. Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense ALPINE Wave ***IMPORTANT***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PPI: OR FARBELGATHO. HANDLING. SHAPING. HISTALLING A BRACHING OF TRUSSES, BY AFRA) AND TPI. THE BESIGN COMPORES WITH APPLICABLE PROVISIONS OF THIS SECONDARY OF AFRA AND TRI. THE BESIGN COMPORTS OF THE ARE MADE OF 20/18/16/6A, UAJUSSES, ASTA ASSA GRADE 40/50 (M. K.M.S.S.) GALV. STELL. APPLY PLATES TO EACH FACE OF TRUSS AND. HHLES DIFFERNIS OF THIS DESIGN, POSITION PER DRAHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (4) SHALL HE PER ANKEX AS OF TPII-2002 SEC.3.

ANY INSPECTION OF PLATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT NORTH LEE STREET. SUITE 312, ALEXA ENTERPRISE LAME, MADISON, HI 533 OTHERWISE INDICATED TOP CHORD SHAL A PROPERTY ATTACHED RIGID CELLING. *WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI. (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUHTE 132, ALEXANDRIA, VA, 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 5379) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 1-6-0-▶ 2X4(A1) =Design Crit: R=339 U=10 W=6" \mathbb{M} 5-0-0 Over 3 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE * Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw-1.00 GCpi(+/-)=0.18 J5 R=53 R=131 U=44 Jan S/ONAL ENGINE CORIDE STATE O 11-4-15 ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-40.0 24.0" 1.25 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DF/DF DRW HCUSR8228 08023073 Scale = .5"/Ft. R8228- 45743 1TEE8228Z04 60864 01/23/08

TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot PLT TYP. Hipjack supports 4-0-0 setback jacks with no webs. Left end vertical not exposed to wind pressure. 8-034--Sparks Construction t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP ALPINE Wave #2 Dense #2 Dense #3 ** IMPORTANT ** "BURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RGG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, ANY FALLING TO BULLD THE TRUSS IN COMPORMANCE WITH THE TO SHALL AND THE TRUSS IN COMPORMANCE WITH THE GO EXCELL PROPERTY. BESTALLING A BRACHING OF TRUSSES.

ORSIGN COMPORED WITH APPLICABLE PROPESSIONS OF BUSS (MATIDAAL DESIGN ESPEC. BY AFAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF TRUSS AND, DULESS OHIERNISE LOCATED ON THIS DESIGN, POSITION PER BRACHINGS IGAAL. APPLY ANY INSPECTION OF PLATES OF TRUSS AND, DULESS OHIERNISE LOCATED ON THIS DESIGN, POSITION PER BRACHINGS IGAAL.

ANY HERSPECTION OF PLATES ALCHORDED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3.

AS EAL ON THIS MORTH LEE STREET. SUITE 312. ALEXA ENTERPRISE LAME, MADISON, WI 533 OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. DRAWING INDICATES Lot 6 Rolling Meadows --OUIDE EXTREME CAME IN FARRICATION, INABULING. SHIPPING, INSTALLING AND BRACING, NG COMPODENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218-12, ALEXANDRIA, VA. 22314) AND WICA, (MODO TRUSS COUNCIL OF AMERICA, 5300-8), UI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TWICTIONS. UNLESS CHOOLS SHALL HAVE PROPERTY ATTACHED STRUCTURAL, PARELS AND BOTTOM CHORD SMALL HAVE Design Crit: 1.5X4 Ⅲ 3X4 # R = 219U-28 W-8.485" Lot 6 Rolling Meadows . TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 5-7-14 Over 3 Supports 4-11-6 5.66 ** SEAL ON THIS Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. HJ5A) 3 X 4 = OSIONAL ENGINE R=50 CORIOR R-137 U-37 12-8-10 ASCE 7-02, CLOSED bldg, Located wind TC DL-5.0 psf, wind BC DL-5.0 BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-SEE 40.0 1.25 10.0 PSF 20.0 10.0 PSF 0.0 ABOVE PSF PSF PSF JREF -FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 08023090 Scale =.5"/Ft. ישן שטעוונונט טו וחטשש וווח. R8228- 45744 1TEE8228Z04 DF / DF 60901 01/23/08

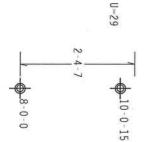
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FARRICATING, HABOLING, SHEPPIG, HISTALLING A BRACHING OF TRUSSES, DESIGN CONTROLATING, THE PROPUSIONS OF THOS (MATIONAL DESIGN SEC. 8, WAREA), AND TRI. DESIGN CONTROLS AND THE PROPUSIONS OF THOS (MATIONAL DESIGN SEC. 8, WAREA), AND THE CONTROLATION PER DRAPHICAL POPILITY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERISE LOCATED ON THIS DESIGN, POSITION PER DRAPHICA 160A-17. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF THIS 200EX SEC. 3, A SEAL ON THIS DRAFFIG HOUSE FOR THE THUS COOPPORENT FOR THE SHALL NOT THE SUTFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE REFER TO BCSI (BUILDING COMPONEN MORTH LEE STREET, SUITE 312, ALEXA ENTERPRISE LANE, MADISON, WI 537 OTHERWISE INDICATED TOD CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI I *WARNING** TRUSSES Lot 6 Rolling Meadows --1-6-0-> SES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, UNICIDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 SUITE 312, ALEXANDRIA, MA, 22314) AND HICA (HOOD TRUSS COUNCIL OF AMERICA, 6300 NADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS EDUCTIONS. UNLESS CONTROL SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 2X4(A1) =Design Crit: 10-10-0 Over2375 Supports W R=268 U=17 W=6* Lot 6 Rolling Meadows . TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R=23 R-64 U-23 * 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures J3) 10-0-15 Jan CORIO SONAL ENG SIATE BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/E/-/-10.0 20.0 40.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023074 Scale =.5"/Ft. יממונדווידה מז ושחים וחצי R8228- 45745 1TEE8228Z04 DF / DF 60869 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense 8-034--Sparks Construction ALPINE Wave 0-5-13 ***IMPORTANT***URRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE HITH IP: OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSERS, DEVALENA, AND IPI. THE BCG CONNECTOR PLATES ARE ANDE OF 70/18716MA OF HIS (MATIONAL DESIGN SPEC, BY AFANA) AND IPI. THE BCG CONNECTOR PLATES ARE ANDE OF 70/18716MA (M.1185X), ASTH MASS GRADE 40/50 (M. X./M.SS) SAULY STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON HIS DESIGN POSITION FER DRAWINGS 160A-2 ANY IMPROCLIMENT OF FACES FOLLOWED BY (1) SHALL BE FER ANNEX AND FEIL 2002 SEC.3. OLICITY FOR THE TRUSS COMPONERY DRAWINGS INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLICITY FOR THE TRUSS COMPONERY BUILDING DESIGNER PER ANSI/TPI REFER TO BCSI (BUILDING COMPONEN
MORTH LEE STREET, SUITE 312, ALEXA
ENTERPRISE LANE, MADISON, HI 537
OTHERHISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING. "**ARANING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDINE, SHIPPING, INSTALLING AND BRACING,
REFER TO BOSS | QUALIDING COMPONENT SAFETY INFORMATION), PURLISHED BY TPI (TRUSS FLATE INSTITUTE, 218
DORTH LEE STREET, SUITE 312, ALEXANDIA, VA. 22314) AND MICA (MODED TRUSS COUNCIL OF AMERICA,
6300
ENTERPRISE LAME, MADISON, NI 53719) FOR SAFETY PARACITETS PRIOR TO PERFORMING HEST FUNCTIONS. UNLESS
DHERRISE INDICATED TOP CONDE SHALL HAVE PROPERTY PARACITETS PRIOR TO PERFORMING HEST FUNCTIONS. 3X4(B1) = Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . R=208 W=4" 4-10-0 Over 3 Supports Design Crit: 4-10-0 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) DESIGN. POSITION PER DRAHINGS 160A-Z
PII-2002 SEC.3. A SEAL ON THIS
ILLITY SOLELY FOR THE TRUSS COMPONENT
BUILDING IS THE RESPONSIBILLITY OF THE R=56 R-141 U-47 * 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. J5A) 3-8-7 8-0-0 S/ONAL ENGINE CORIDA STATE BC DL BC LL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/E/-/-40.0 20.0 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023070 Scale = .5"/Ft. ישן שטעוונו נט טווונוטטט ווו ה. R8228- 45746 1TEE8228Z04 DF / DF 60874 01/23/08

Top Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . ** 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 J3A) מ שבוובחים של שנו וומשים ומחשים ווות.

Wind reactions based on MWFRS pressures.

00 R-82 U-29



0-5-13

R=31

3X4(B1) =

10-0 08erl 3 Supports

R-124 W-4"

Design Crit:

WARNING IRUSSES REQUIRE EXTREME CARE IN REFER TO BOSI (BUILDING COMPONENT SAFETY IN HORITH LEE STREET, SUITE 312; ALEXANDRIAN, NA, 3 ENTERBEISE LAME, MADISON, NI 53719) FOR SAFE OTHERMISE INDICATED TOP CHORD SMALL HAVE PROPER A PROPERLY ATTACHED RIGID CELLING. SES REQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. UNLIDING COMPONERS SAFETY INFORMATION), PUBLISHED BY TP (TRUSS PLATE INSTITUTE, ZIB SUITE 312, ALEXANDRIA, W. 22314) AND DICA (MODO TRUSS COUNCIL OF AMERICA DIES AND AND SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS 4. WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0)

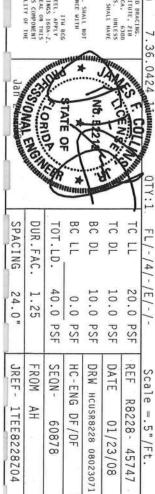
PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO DUILD THE TRUSS IN COMPORMANCE WITH THIS OF FARRICKING, HANDLING, SHIPPING, INSTALLING A BRACHE OF TRUSSES, DESIGN CONTROLATION, HANDLING, SHIPPING, INSTALLING A BRACHE OF TRUSSES, DESIGN CONTROLATED AND THIS ARE MADE OF 20/18/16/AGA (M.H.SSAM), ASTH ASS. DRAME 40/60 (M.K./M.SS) 6ACL. STEEL, APPLY DATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHMS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX, 30 OF 1911-2002 SEC.3. A SEAL ON THIS DRAMING INDICANTS ACCOMPONENT OF THE STATE OF THE TRUSS COMPONENT OF THE TRUSS COMPONENT OF THE STATE OF THE TRUSS COMPONENT OF THE TRUSS COMPONENT OF THE STATE OF THE TRUSS COMPONENT OF THE STATE OF THE TRUSS COMPONENT OF THE DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1

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

ALPINE



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60878

R8228 - 45747

01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense ALPINE Wave ***IMPORTAMI***CHRISTIA ACRY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW DCG. HIC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM HIS DESIGN, ANY FALLING TO BULLDE TO BULLD THE TRUSS IN COMPONANCE WITH FIFT, OR FARBICATION, SMADULING, SHIPPING, INSTALLING A BRACHE OF TRUSSES.

DESIGN COMPONERS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN ESPEC, BY AFRA) AND TPI.

CONNECTOR PLATES ARE MADE OF 72/18/166A (M.M/SS/M. ASTA MASS) GAME 40/50 (M.K/M.SS) GALV. STEEL, APPLY PLATES TO ELGH FACE OF TRUSS AND, UNLESS OTHER/ISE LOCATED ON THIS DESIGN, POSITION FER BRAMINGS HOARS AND THIS SECOND OF PLATES FOLLOWED TO (1) SHALL BE FER AMBLE AS OF TPIT-2002 SC.3. A SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 **WARNING** IRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THY (TRUSS PLATE INSTITUTE, ZIB HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZZ314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, GADO ENTERPRISE LAME, MOISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE LAME, MOISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY PROPERLY ATTACHED RIGID CEILING. Lot 6 Rolling Meadows --1-6-0-▶ 2X4(A1) = CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM 0.4-144-1-8 Over 3 Supports Design Crit: W R=306 U=13 W=6" Lot 6 Rolling Meadows . TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /0(0) OF THE TRUSS COMPONENT NO. IS THE TRUSS COMPONENT NO. IS THE RESPONSIBILITY OF THE AMERICA. 6300 UNCTIONS. UNLESS M CHORD SHALL HAVE * R=41 R=103 U=35 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. EJ4) Jan SONAL ENGIN 10-9-15 CORNER ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 $^{\circ}$ BC LL BC DL TC DL DUR.FAC. SPACING TC LL TOT.LD. FL/-/4/-/E/-/-40.0 20.0 10.0 PSF 1.25 10.0 PSF 24.0" 0.0 PSF PSF PSF FROM SEQN-DATE REF JREF -DRW HCUSR8228 08023096 HC-ENG Scale = .5"/Ft. R8228- 45748 1TEE8228Z04 DF / DF 60893 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Left end vertical not exposed to wind pressure. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE HITH FPI: OR FARBLICATING, HANDLING, SHEPPING, MYSTALLING & BRACHENG OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BDS (MATIONAL DESIGN SPEC, BY AFRA) AND IPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/183/160A (HJMSSN)A) ASTA MASS DEADE 40/50 (BY K.FIM-SS) BALY. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. DINCESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY HISPECTION OF BLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPI1-2002 SEC. 3. A SEAL ON THIS DESIGN. THE SUFFICIENT OF THE SUFFICIENT OF THE TRUSS COMPONENT OF THE SUFFICIENT **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPORENT SAFETY IMPORMATION), PUBLISHED BRY TPI (TRUSS PLATE INSTITUIT, 218 MORTH LEE STREIT, SUITE 312, ALEXANDRIA, VA. 22314) AND NICA (1400D TRUSS COUNCIL O AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS DESIGN SHOWN. THE SUITABILITY
BUILDING DESIGNER PER ANSI/TPI OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CEILING Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . **←**1-6-0-**>** 2-0-0 Over 3 Supports 4 X 4 Ⅲ 5 X 4 III Design Crit: R-226 W-6" -1-10-4-TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R-12 U-39 R=33 U=23 CHORD SHALL HAVE * 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. J2) ATE OF BC DL BC LL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/E/-/-40.0 20.0 1.25 10.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023091 Scale =.5"/Ft. R8228- 45749 1TEE8228Z04 DF / DF 60897 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 PLT TYP. Bot In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE HITH IP: OR FARBLICATING. INADULEG, SHEPPIGE, INSTALLING A BRACHING OF TRUSSES.

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF NDS (INATIONAL DESIGN SECE, N AFREA) AND TPI.

DESIGN CONFORMS AND AND CONTRACTOR PROVISIONS OF NDS (INATIONAL DESIGN SECE, N AFREA) AND TPI.

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

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

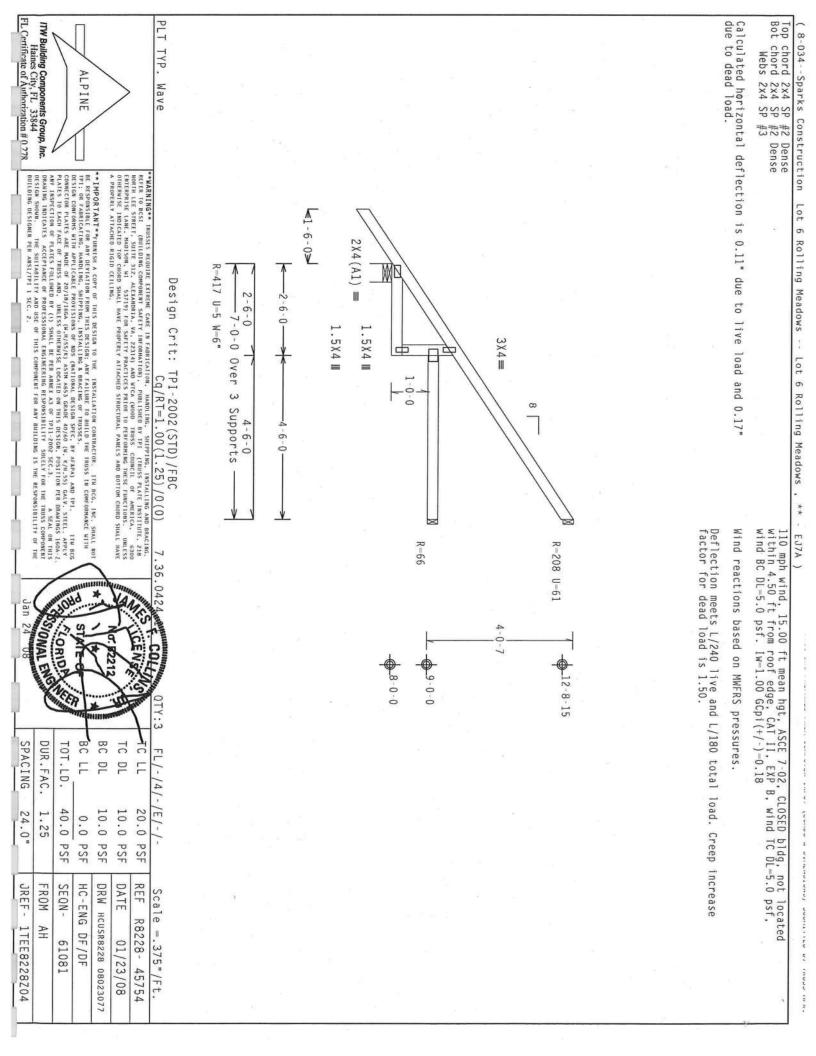
A SLAL ON THIS DESIGN SHOWN. THE SHITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

THE SHITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE REFER TO 8CS1 (BUILDING COMPONEN MORTH LEE STREET, SUITE 312, ALEXA ENTERPRISE LAME, MADISON, WI 537 OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . **←**1-6-0-> COUNTE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND REACING, STALLING AND REACING, AND COMPONENT SAFETY MAGRACHION, PUBLISHED BY THE (TRUSS PLACE INSTITUTE, 230 % 312, ALEXANDRIA, VA. 22314) AND MICA, (MODD TRUSS COUNCIL OF AMERICA, MARKICA, WAS 33719) FOR SAFETY PRACTICES PRIOR TO PERFORMEND RESS FUNCTIONS. UNLESS COUNCIL OF MARKICA, MARKES AND BOTTOM CHORD SHALL HAVES 2X4(A1)Design Crit: \mathbb{W} R=417 U=11 W=6" III 8 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 7-0-0 Over 6-4-8 6-4-8 ω Supports (0)0/ * Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Bearing reaction of -115# at (7-0-0, 12-3-15), requires special connection to resist uplift from loads other than wind. EJ7C) 2.5X6 III 4X4= 0-7-8 Jan S/ONAL ENGINE R=390 U=111 R=-116 U=45 BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/E/-/-**⊕** 12-3-15 8-0-0 10.0 20.0 40.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF DATE JREF -FROM SEQN-HC-ENG REF DRW HCUSR8228 08023092 Scale = .5"/Ft. יים שבייוניים נייי R8228- 45750 1TEE8228Z04 DF / DF 60905 01/23/08 thous min. ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE THUSS IN COMPORMANCE WITH TP: OR FARRICATHON, HANDLUGS, SHEPPING, INSTALLING A BRACHING OF TRUSSES, DESIGN CONTROLATION, THE PROPULSIONS OF THOS. SEARCH STORE AND AND TPI. IT HIS DESIGN CONTROLATED AND AND TPI. ITH BCG CONNECTOR PARES ARE HADE OF 20/18/160A, (PA.1/55K) ASTEN A653 BRADE 40/60 (N. K/M.SS) GALV. STEEL AMPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAWHOS 166A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX, A3 OF PTI1-2002 SEC. 3. A SEAL ON THIS DRAMING HOLDS AND ALL SEAL CONTROLATED AND ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX, A3 OF PTI1-2002 SEC. 3. A SEAL ON THIS DRAMING HOLDS AND ALL SEAL CONTROLATED AND ANY INSPECTION OF PLATES FOLLOWED SEXIONAL BE PER ANNEX, A3 OF PTI1-2002 SEC. 3. A SEAL ON THIS DRAMING HOLDS AND ALL SEAL CONTROLATED AND ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RELEK TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE HISTITUTE, 218 HORTH LEE STREET, SUITE 3172, ALEXANDRIA, VA. 22314) AND HICA (MODD TRUSS COUNCIL OF MERICA, 5300 ENTERPORISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CEILING. $2X4(A1) \equiv$ Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . R=215 2-6-0 -2-6-0-Design Crit: Over 1.5X4 III 1.5X4 III \Box ω 3 X 4 ≡ Supports 1-0-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 2-6-0 2-6-0-R=43 R-161 U-45 ** 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. EJ5 8-7 8-0-0 9-0-0 BC DL BC LL TC LL SPACING DUR.FAC. TC DL TOT.LD. FL/-/4/-/E/-/-10.0 40.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF FROM SEQN-DATE REF JREF -DRW HCUSR8228 08023055 HC-ENG Scale =.5"/Ft. psf, R8228- 45751 1TEE8228Z04 DF / DF 61060 01/23/08

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR AWY DEVIATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPI: OR FAREACTHING, HANDLING, SHEPPING, HISTALLING A BRACHING OF TRUSSES; SHAFADA AND TPI. ITH BCG CONNECTION FARES ARE HADDLICABLE PROVISIONS OF HIS SHAFADA GRADE ADJOD ON, KJH.SSD, OALV, STEEL, ADPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FER DRAWLINGS 160A-Z, ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE PER ANNEW AS OF TPIL-2002 SEC. 3. A SLA. ON THIS DESIGN ADJOD OF PLATES TOLLOWED BY (1) SHALL BE PER ANNEW AS OF TPIL-2002 SEC. 3.

ANY HISPECTION OF PLATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ENTERPRISE LANE, MADISON, WI 537 OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. $2X4(A1) \equiv$ Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . R=132 3-0-0 8ver-9 -2-6-0 Design Crit: Supports-1.5X4 III 1.5X4 III 3 X 4 ≡ ¥6"¥ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) R-18 U-2 R-102 U-25 8-0-0 9-0-0 * 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. J3C) Jan BC LL BC DL TC DL DUR.FAC. 22 SPACING TOT.LD. 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0 /4/-/E/-/-20.0 40.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF REF FROM SEQN-DATE JREF -DRW HCUSR8228 08023054 HC-ENG Scale = .5"/Ft. R8228-1TEE8228Z04 DF / DF 61065 01/23/08 45752

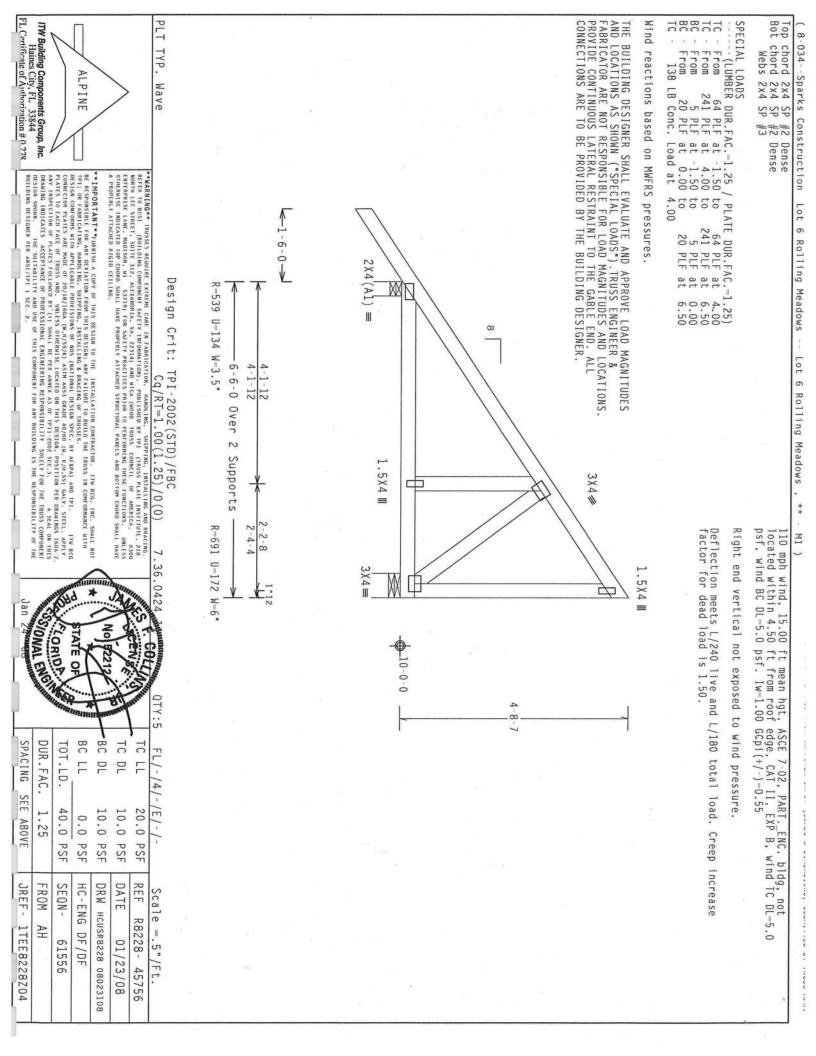
Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ 8-034--Sparks Construction ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN FOR FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPI; OR FABRICATION, HANDLING, SHEPPIG, HESTALLING A BRAILING OF TRUSSES. DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF BUS (MATIONAL DESIGN SPEC, BY AREA) AND TPI. I'V BCG CONNECTOR PLATES ARE HADE OF 20/18/160A (M.H/SS/M) ASIM AGS JERAGE 40/60 (M. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, DHALESS OTHERWISE LOCATED ON THIS DESIGN, POSITION OF BE BRANHING 160/A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAA ON THIS DESIGN SHOWN. THE SULTABLILITY AND USE OF THIS COMPONENT FOR ANY BUSILDING IS THE RESPONSIBILITY OF THE REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION). MANDLING, SHIPPING, INTALLING AND BRACING, NEFFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE LITRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 1127, ALEXANDEAL, VA. 22-214) AND MICHAGE OF THE SECONDELL OF AMERICA. 6-300 CHREEPRISE LANE, MADISON, WI SAYIN) FOR SAFETY PRACTICES PRIOR TO PERCORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR FORDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2 Lot 6 Rolling Meadows --1-6-0→ 2X4(A1) = Design Crit: R=268 U=17 W=6" 3-0-0 Brefr & Supports -2-6-0-Lot 6 Rolling Meadows . TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 1.5X4 Ⅲ 1.5X4 Ⅲ 3 X 4 == \$ 0 m R-75 U-18 R=12 U=1 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. J38) 9-0-0 8-0-0 ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC DL=5.0 BC LL BC. DL TC DL TC LL SPACING DUR.FAC TOT.LD. FL/-/4/-/E/-/-24.0" 40.0 10.0 PSF 20.0 PSF 1.25 10.0 PSF 0.0 PSF PSF REF FROM DATE JREF -SEQN-HC-ENG DRW HCUSR8228 08023051 כווים ל ההמנודוורה מו וצמחים נווטי Scale = .5"/Ft. R8228- 45753 1TEE8228Z04 DF / DF 61069 01/23/08



Haines City, FL 33844
FL Certificate of Authorization # 0.278 Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (8-034--Sparks Construction p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP ALPINE Wave #2 Dense #2 Dense #3 **WARNING** TRUSSES REQUIR REFER TO BCSI (BUILDING C HORTH LEE STREET, SUITE 312 ENTERPRISE LANE, MADISON, W OTHERWISE INDICATED TOP CHO **IMPORTANT**SUBMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE TRUSS IN COMPORNANCE WITH PI. OR FABELGATHG. IMBALLING. SHEPPING. INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. CONNECTOR PLATES ARE MADO OF ZOT/B/JGGA (M. 1/5/SK)) ASTM AGS3 GRADE 40/560 (M. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPII-2002 SEC.3. A SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. DRAWING INDICATES Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . 1-6-0→ SUITE 312. """ SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 SUITE 312. """ SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 ADISON, VI 5379) FOR SAFETY PRACTICES PAIGN TO PEFFORMER IN HIESE FUNCTIONS. UNLESS DIOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND ROTTON. 2X4(A1) = Design Crit: R=417 U=11 W=6" \mathbb{M} 2-6-0 2-6-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 1.5X4 Ⅲ 1.5X4 Ⅲ 3 X 4 ≡ 0-0 Over 3 Supports -4-8 N. POSITION PER DRAWINGS 160A-Z
02 SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
NG IS THE RESPONSIBILITY OF THE 4-0-4 * 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. Bearing reaction of -149# at (7-0-0, 12-3-15), requires special connection to resist uplift from loads other than wind. EJ78) 2.5X6 Ⅲ 4 X 4 = Jan YONAL ENG! CORIDE R=424 U=100 R=-150 U=58 BC LL BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-9-0-0 12-3-15 8-0-0 /E/-/-40.0 10.0 20.0 24.0" 10.0 PSF 1.25 0.0 PSF PSF PSF PSF JREF -REF FROM SEQN-DATE HC-ENG DRW HCUSR8228 08023061 Scale =.5" R8228-1TEE8228Z04 DF / DF 61087 01/23/08 /Ft. 45755



TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 PLT TYP. Top chord 2x4 SP Bot chord 2x6 SP Webs 2x4 SP Girder supports 9-0-0 span to BC one face and 2-0-0 span to TC/BC split opposite face. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction ALPINE Wave #2 Dense #2 #3 **IMPORTANT***UBHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FARELACHING. SHAPPING., INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. BCG CONNECTOR PLATES ARE MADE OF ZOT/18/166A (M. 14/55/K) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. ONLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER ROMANDAS IGAA-Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII-2002 SEC.3. A SEAL ON THIS **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACI RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE. NORTH LET STREET, SUITE 13. ALEXANDRAL, VA, Z2131) AND NICA (GOOD TRUSS COUNCIL OF AMERICA. ENTERPRIS LANE, MADISON, WI 55779) FOR SAFETY PRACTICES PRIOR TO PERFORMANCE TOR CHOODS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DRAWING INDICATES ACCEPTANCE Lot 6 Rolling Meadows --**1**-6-0-✓ 2X4(A1) =Design Crit: R=866 U=206 W=3.5" 8 3-5-15 3 - 5 - 15Lot 6 Rolling Meadows . 6-6-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 0ver RUSS COUNCIL OF AMERICA. 6300 ERFORMING THESE FUNCTIONS. UNLESS PANELS AND BOTTOM CHORD SHALL HAVE 3X4 **Ⅲ** 2 Supports 3X4# SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 2-10-5 3-0-1 R-700 U-146 W-6" Right end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC psf. lw=1.00 GCpi(+/-)=0.55 M2) 3 X 4 ≡ 1.5X4 Ⅲ Jan ₩10-0-0 BC DL BC LL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-SEE ABOVE /E/-/-40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF FROM DATE REF SEQN-JREF -HC-ENG DRW HCUSR8228 08023063 Scale = .5"/Ft DL=5.0 R8228- 45757 1TEE8228Z04 DF / DF 61048 01/23/08

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Top chord 2x4 SP #2 Dense Bot chord 2x8 SP SS Webs 2x4 SP #3 PLT TYP. Wind reactions based on MWFRS pressures 8-034--Sparks Construction ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FARRICATING, ANDLING, SHEPPIG, HISTALLING A BRACHING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MAILONAL DESIGN SPEC, BY AFRA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/1608 (M.H/SS/M). ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE (CATED ON THIS DESIGN, POSITION PER DRAWINGS 1GAN A.Z ALMY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-200Z SEC.3. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 CHIERDRISC LARE, AMADISON, NI 53719) FOR SAFETY PRACTICES PRIDR TO PERFORMING THESE FRUCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DRAWING INDICATES ACCEPTANCE A PROPERLY ATTACHED RIGID CEILING. Lot 6 Rolling Meadows --1-6-0-4X4(A1) =Design Crit: R-1272 U-118 W-6" 8 4-1-8 Over 2 Supports Lot 6 Rolling Meadows . 3-11-12 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) R=1931 U=132 . RY AFRAY) AND TPI. THE RGG
O (N. K/H.SS) GALV. STEEL, APPLY
IGN. POSITION PER DRAWINGS 160A-Z.
2002 SEC.3. A SEAL ON THIS
Y SOLELY FOR THE TRUSS COMPONENT
DING IS THE RESPONSIBILITY OF THE 1.5X4 Ⅲ 3X6 III * TC - From BC - From BC - From PLB- 1377 8-0-0 Right end vertical not exposed to wind pressure. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS M3) (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25) rom 64 PLF at -1.50 to 64 PLF at 4.13 rom 5 PLF at -1.50 to 5 PLF at -0.00 rom 20 PLF at -0.00 to 20 PLF at 4.13 1377 LB Conc. Load at (1.73,8.04), (3.73,8.04) Jan ONAL ENGINE CORIDE The control of the co BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-10.0 40.0 20.0 10.0 PSF 24.0" 1.25 0.0 PSF PSF PSF PSF JREF -FROM SEQN-REF DATE HC-ENG DRW HCUSR8228 08023097 Scale =.5"/Ft. R8228-1TEE8228Z04 DF / DF 61455 01/23/08 45758

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 PLT Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. 110 mph wind, 18.95 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-2.0 psf. Iw-1.00 GCpi(+/-)-0.18 Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures 8-034--Sparks Construction TYP. ALPINE Wave $2X4(A1) \equiv$ **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THIS OF FAREIGN THE STATE OF TRUSSES. OF TRUSSES, DESIGN CONTRACTING, HANDLUGH, SUPPPIG, INSTALLING A BRACHEW OF TRUSSES, WAREN AND THI. ITW BCG CONNECTION FOR THE PROPULSIONS OF THIS SEASON SPEC, BY AFARA, AND THE BCC CONNECTION FOR THE AREA ARE AND CONTRACTOR PARTES ARE AND OF POLICIES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHAYS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARMER AS ON THIS TOBES SEC. 3. A SEAL ON THIS DRAWHAY BOLLOWED BY (1) SHALL BE PER ARMER AS ON THIS TOBES OF THE TRUSS CORPORATION OF PLATES FOLLOWED BY (1) SHALL BE PER ARMER AS ON THIS TOBES OF THE TRUSS CORPORATION OF THE SULTABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO SECSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREIT, SUITE 112, ALEXANDRA, VA. 22314) AND WITCA (MODO TRUSS COUNCILS S MAREICA. 6300 ENVIRONTES LAME, NAUSSOM, WI S3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE Lot 6 Rolling Meadows --R=40 U=16 W=6.31R=40 U=16 W=6.31" R=63 PLF U=11 PLF W=1-11-7 3-6-1 Over 3 Supports L₁₁"₁₁ 2X4 (A1) ≡ 0-11-11 0-11-12 11"11_1_11"12_ 4 X 4 ≡ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) ω Lot 6 Rolling Meadows . ٧ SPECIAL LOADS
-----(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 1.75
TC - From 64 PLF at 1.75 to 64 PLF at 3.50
BC - From 4 PLF at 0.00 to 4 PLF at 3.50 Deflection factor for PB11) meets L/240 live and L/180 total load. Creep increase dead load is 1.50. Jan OSIONAL ENGINEE STATE OF ייייני פטייו פירט דינו מי לרמטמים א מדיורשינימוים! יממנודוורה מו וצמים נווצי BC LL BC DL TC DL DUR.FAC TC SPACING TOT.LD. FL/-/4/-/E/-/-40.0 10.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF JREF -DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 08023115 Scale =.5"/Ft. R8228-1TEE8228Z04 DF / DF 61635 01/23/08 45759

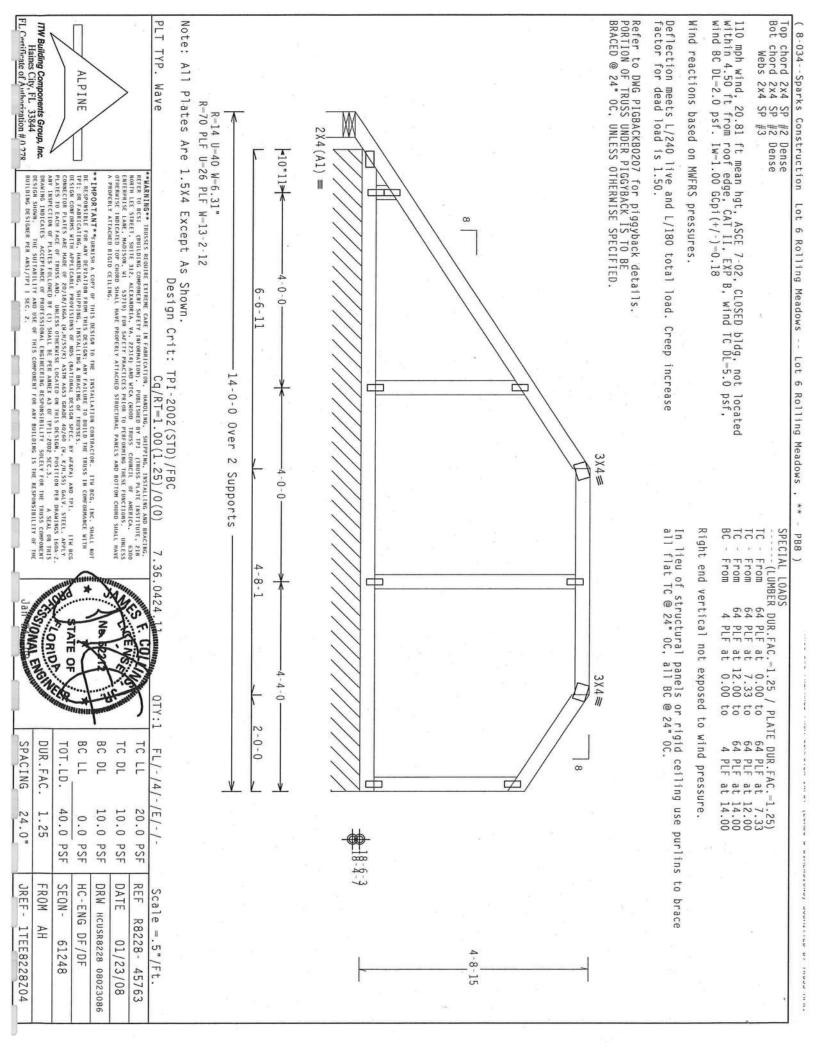
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot 110 mph wind, 21.59 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 PLT TYP. Note: All Plates Are 1.5X4 Except As Shown. Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Wind reactions based on MWFRS pressures. 8-034--Sparks Construction t chord 2x4 SP t Webs 2x4 SP t ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG. INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FAREICATING, HANDLIGG, SHIPPING, INSTALLING & BRACHING OF TRUSSES, AN AFKEN, AND TPI. ITH BCG. CONNECED THE APPLICABLE PROPUSIONS OF HIS SEAL SHALLING A BRACHING OF TRUSSES, BAY AFKEN, AND TPI. ITH BCG. CONNECTOR PLATES ARE MADE OF 20/183/BGA (M.H/SSN) ASTENDANCE 40/50 (M.K.M.SS) GGAV. SHEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, INHESS OTHERHISE LOCATED ON HIS DESIGN, POSITION FER DRAMINGS 160A-Z. ANY HIS DESIGN OF PILTES DESIGN FOR DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT **WARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
REFER TO BCSI. (BUILDING COMPONENT SAFETY IMFORMATION), PUBLISHED BY IPPI (TRUSS PLATE INSTITUTE, 218
MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AND HICA (HOOD TRUSS COUNCIL OF AMERICA. 6300
ENTERPRISE LAME, MADISON, HI \$3719) FOR SAFETY PRACTICES PRIOR TO PERFORHING THREE FORCTIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. R=70 PLF U-27 PLF W-13-2-12 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . R=14 U=63 2X4(A1) =10"11 W=6.31" Design Crit: 8 0-0-1 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 8-10-11 14-0-0 Over IS THE RESPONSIBILITY OF 2 4-0-0-Supports * SPECIAL LOADS

-----(LUMBER DUR.FAC.=1.25 / PLATE
TC - From 64 PLF at 0.00 to 6
TC - From 64 PLF at 9.67 to 6
TC - From 4 PLF at 0.00 to Right end vertical not exposed to Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. PB6) 4 X 4 = ONAL ENGINE CORIOR STATE O 4-4-0 4-4-0φ wind pressure. E DUR.FAC.=1.25)
64 PLF at 9.67
64 PLF at 14.00
4 PLF at 14.00 BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/active the active frames /E/-/-40.0 10.0 20.0 24.0 10.0 PSF 1.25 0.0 PSF PSF PSF PSF a national annitition of those tills JREF -DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 08023105 Scale = .375"/Ft. R8228-1TEE8228Z04 DF / DF 61235 01/23/08 45760

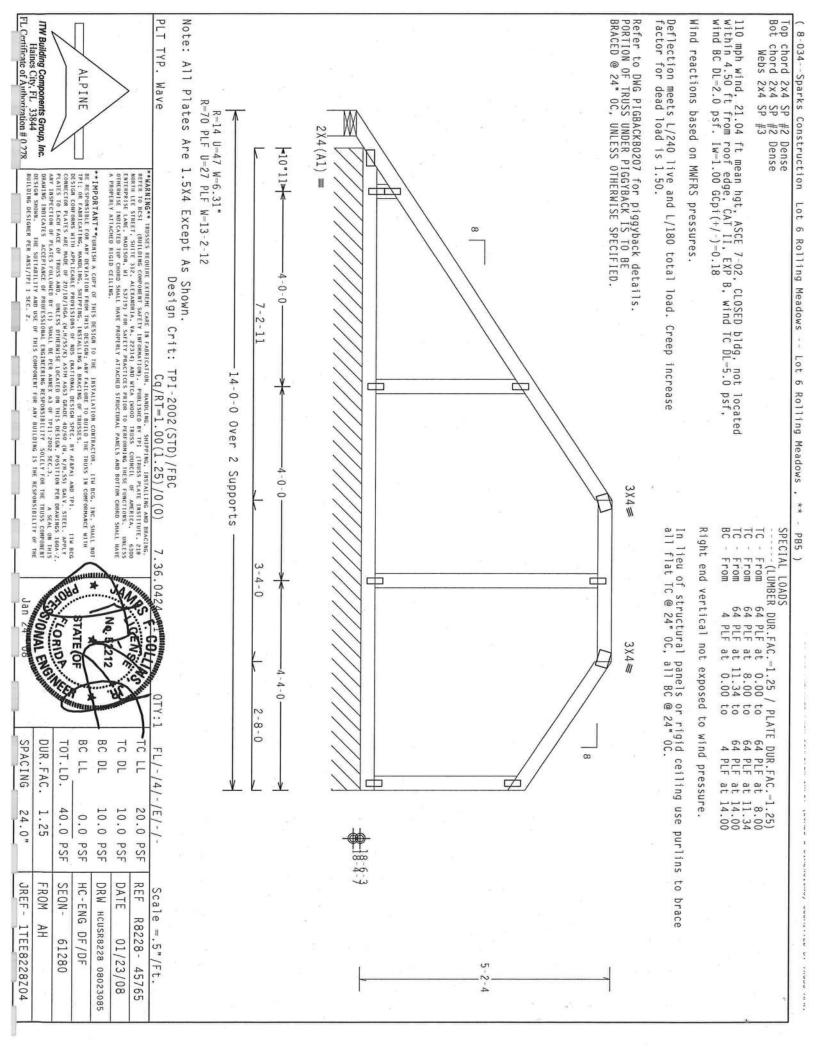
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.778 Note: All Plates Are 1.5X4 Except As Shown. 110 mph wind, 19.48 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/-)=0.18 Bot PLT TYP. Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 8-034--Sparks Construction t chord 2x4 SP t Webs 2x4 SP t ALPINE Wave R=13 U=10 W=6.31" R=70 PLF U=23 PLF W=13-2-12 #2 Dense #2 Dense #3 2X4(A1) = ▲10"11¥ **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IPI: OR FARRICATING, HANGLING, SHIPPING, INSTALLING A BRACHEO OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROPYISIONS OF RIDS (MATIONAL DESIGN SPEC, BY ACEPA) AND TPI: ITW BCG CONNECTOR PLATES ARE HADE OF 20/18/166A (M.H/SS/N) ASHM A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL APPLY PARES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHENS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPIT-2002 SEC.3. A SEAL ON THIS DESIGN SHOUR. THE SULFAME OF A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL REGIONEERING RESPONSIBILITY SOLFLY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOUND. A PROPERLY ATTACHED RIGID CEILING 2-6-11 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows œ 3X4 == 4-0-0 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 14-0-0 中 中 Over 2 Supports 4-0-0 10-8-0 TC - From
TC - From
BC - From In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" 0C, all BC @ 24" 0C. Right end vertical not exposed to SPECIAL PB10) 7.36.0424 - (LUMBER DUR.FAC.=1.25 / From 64 PLF at 0.00 t From 64 PLF at 3.33 t From 4 PLF at 0.00 t ф 中 ATE OF 1-4-0 / PLATE). 00 to 00 to wind pressure TE DUR.FAC.=1.25)
64 PLF at 3.33
64 PLF at 14.00
4 PLF at 14.00 BC DL TC LL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/ф 10.0 20.0 /E/-/-40.0 24.0" 10.0 PSF 1.25 0.0 PSF PSF PSF PSF JREF -SEQN-DATE REF FROM HC-ENG DRW HCUSR8228 08023111 Scale =.5"/Ft. R8228- 45761 1TEE8228Z04 DF / DF 61240 01/23/08 2-0-15

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278 Bot 110 mph wind, 20.15 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/-)=0.18 Note: All Plates Are 1.5X4 Except As Shown. Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. 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 $1.50\,.$ 8-034--Sparks Construction t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP ALPINE Wave R=13 U=22 W=6.31" R=70 PLF U=26 PLF W=13-2-12 #2 Dense #2 Dense #3 2X4(A1) = ▲10"11» **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, VAY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FARRECKING, HAND LIG., SHEPPING, INSTALLING A BRACING OF FRUSSES, DESIGN COMPORES, WITH APPLICABLE PROVISIONS OF DOS. (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITH BCG CONNECTOR PLATES ARE HADE OF 20/18/1606 (N.H.YSSN) ASTA MASS GRANE 40/60 (N.E./M.SS) GALV. SIEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNICSS OTHERWISE LOCATED ON THIS DESIGN, POSITION OF RAWAINGS 100.A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, REFER TO BESS. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE IRRUS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312. ALEXANDRIA, VA, 22314) AND WITCA (MODO TRUSS COUNCIL OF AMERICA, 5300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERISE HOLGATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows , 4-6-11 3-8-0 Design Crit: 3X4 = TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 14-0-0 Over Ф 2 -4-0-Supports * TC - From In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC. Right end vertical not exposed to SPECIAL LOADS PB9) 00 (LUMBER -8-0 中 中 ER DUR.FAC.=1.25 / PLATE D 64 PLF at 0.00 to 64 64 PLF at 5.33 to 64 4 PLF at 0.00 to 4 SSONAL ENGINE STATE O 1-4-0 wind pressure. TE DUR.FAC.=1.25) 64 PLF at 5.33 64 PLF at 14.00 4 PLF at 14.00 BC DL SPACING DUR.FAC. TC DL TOT.LD. 14/-中 20.0 /E/-/-40.0 10.0 10.0 24.0 1.25 0.0 PSF PSF PSF PSF PSF JREF -FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 08023104 Scale = .5"/Ft. R8228- 45762 1TEE8228Z04 DF / DF 61244 01/23/08



Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. 110 mph wind, 21.48 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=2.0 psf. IW=1.00 GCpi(+/-)=0.18 Note: All Plates Are 1.5X4 Except As Shown. 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. 8-034--Sparks Construction ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROM THIS DESIGN ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH PI: OR FARRECTION, ANNOLUGE, SHIPPING, INSTALLING A BRACLING OF TRUSSES. BY AFRYA) AND FIT. ITH BCG DESIGN COMPORNS HITH APPLICABLE PROVISIONS OF HIS SKILLING A BRACLING OF TRUSSES, BY AFRYA) AND FIT. ITH BCG COMMERCION PLATES ARE ALONG OF 20/18/19/AGA (M.H.SEX), ASTH AGAS GRADE 40/60 (M. K.H.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, INHESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHING 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABBYEX AS OF FPI1-2002-SEC. J. ASEA, ON THIS DESIGN PROPERTY. BUILDING DESIGNER PER ANSI/TPI I SEC. DRAWING INDICATES ACCEPTANCE PROPERLY ATTACHED RIGID CEILING. R=14 U=60 W=6.31" R=66 PLF U=26 PLF W=13-2-12 Lot 6 Rolling Meadows -- Lot 6 Rolling Meadows . $2X4(A1) \equiv$ 10"11 Design Crit: 8 4-0-0bldg, not located TC DL-5.0 psf, TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 8-10-11 14-0-0 Over 2 4-0-0-Supports TC - From TC - From BC - From Right end vertical not exposed to In lieu of rigid ceiling use purlins to brace BC @ SPECIAL P87) 4 X 4 == 7.36.0424 (LUMBER LOADS 0 DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
64 PLF at 0.00 to 64 PLF at 9.33
64 PLF at 10.00 to 64 PLF at 14.00
4 PLF at 0.00 to 4 PLF at 14.00 4-4-0 4-4-0 CORIDA wind pressure. BC DL TC LL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/-40.0 20.0 10.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023101 Scal e = .375"/Ft. R8228-1TEE8228Z04 DF / DF 61252 01/23/08 -0-15 45764



ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot Note: All Plates Are 1.5X4 Except As Shown. Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave R=15 W=6.31" R=70 PLF W=17-9-7 2X4(A1) =10"11 ** IMPORTANT ** UNBELS A COPY OF THIS DESIGN TO THE INSTALLATE OF BUILD THE TRUSS IN COMPRACED. IT WELL, INC. SHALL NOT HE RESONSTRUE FOR ANY EXPLANTION FROM HIS DESIGN. ANY FALLURE TO BUILD THE TRUSS IN COMPRANCE WITH PIPI, OR FARECATING. AMADLING. SHIPPING. INSTALLING & BRACING OF TRUSSES.

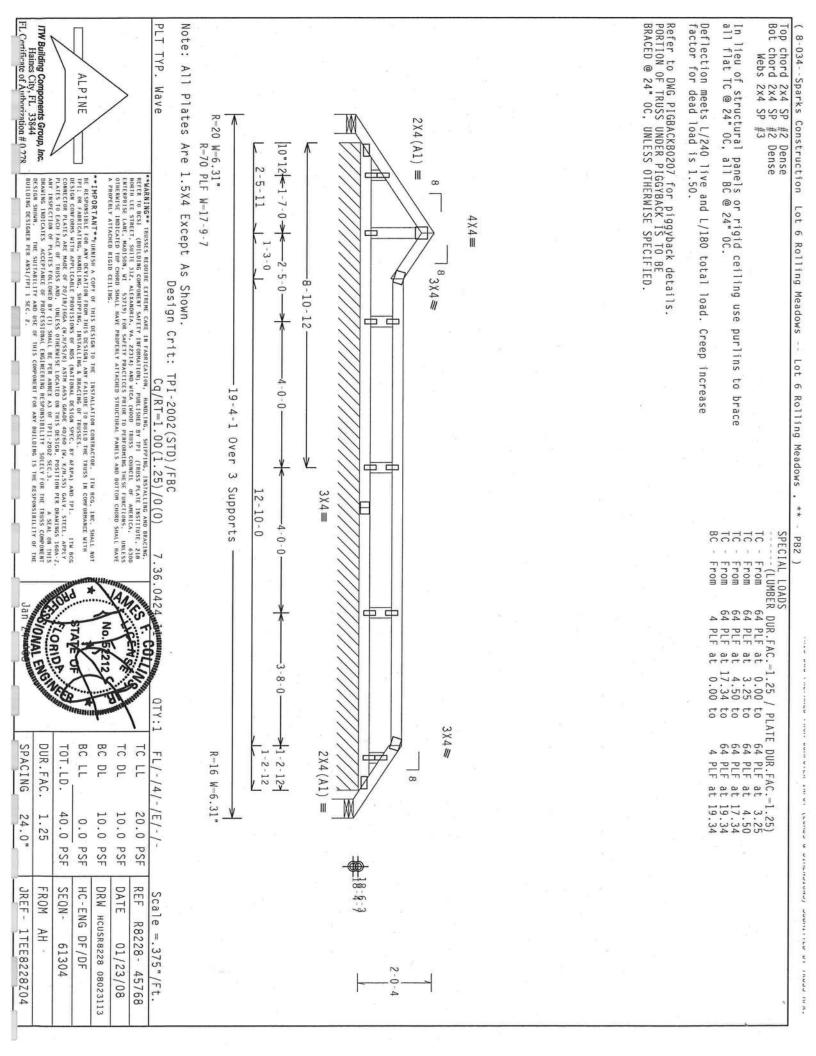
DESIGN COMPRES HITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI.

CONNECTOR PLATES ANE MODE TO 70/180/180A (M.1/MS/M). ASTH MOST GRADE 40/960 (M. K.M.SS) GALV. STEEL, APPLY LATES TO EACH FACE OF TRUSS AND. UNLESS OHERMISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 160A-X.

ANY HERDELING OF PLATES TOLLOWED BY (I) SHALL BE PER ARMER AS OF TPI1-2002 SEC.3. A SEAL OR HIS **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA., Z2314) AND MICA (4000) TRUSS. COUNCIL OF AMERICA, 6200 ENTREPRESE LANE, MAUSSON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMED THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI. DRAWING INDICATES Lot 6 Rolling Meadows --5-2-11 4-4-0 Design Crit: 8-10-11 3X4= Lot 6 Rolling Meadows TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) -3-8 19-4-1 Over 3 Supports 0 D2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT HG IS THE RESPONSIBILITY OF THE 7-4-0 3X4= 3-8-0 BC - - - 0 SPECIAL PB4) From From (LUMBER 3 X 4 ₩ LOADS Jan 64 PLF at 64 PLF at 4 PLF at 0 DUR.FAC.=1.25 / 64 PLF at 0.00 64 PLF at 6.00 64 PLF at 13.34 4 PLF at 0.00 CORIDE 1-4-0 5-2-11 8 to PLATE TE DUR.FAC.=1.25)
64 PLF at 6.00
64 PLF at 13.34
64 PLF at 19.34
4 PLF at 19.34 BC LL BC DL TC DL TC SPACING DUR.FAC. TOT.LD. FL/-/4/-/E/-/ $2X4(A1) \equiv$ R=15 W=6.31" **>**10"11 40.0 10.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF JREF -FROM DATE REF SEQN-DRW HCUSR8228 08023065 HC-ENG Scale = .375"/Ft. R8228- 45766 1TEE8228Z04 DF / DF 61294 01/23/08 3-10-4

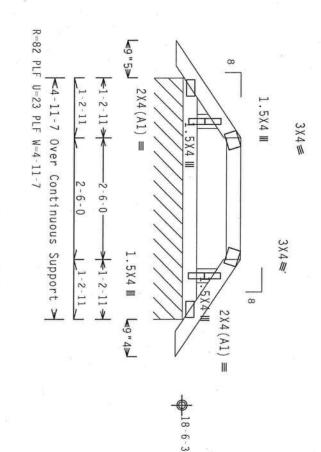
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot 110 mph wind, 19.70 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 PLT TYP. Note: All Plates Are 1.5X4 Except As Shown. Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Deflection meets L/240 live and L/180 total load. factor for dead load is 1.50. Wind reactions based on MWFRS pressures. 8-034--Sparks Construction chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Wave R=23 $2X4(A1) \equiv$ U=32 W=6.31" R=69 PLF U=20 PLF W=17-9-7 10"11 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FARBICATING, HANDLING, SHIPPING, INSTALLING & REACING OF TRUSSES.

BESIGN CONFORMS HITM APPLICABLE PROVISIONS OF HIS (MATICHAL DESIGN SPEC, BY AERA) AND TPI. ITH BCG CONNECTOR PLATES ARE NAME OF ZO/IRJICAG (M-H/SSEN), ASTM ASSES GRADE 40/50 (M-K, KIN-SS) GALV. SIEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. PHATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. PHATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE SIREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (4000) TRUSS COUNCIL OF AMERICA, 6300 ERRIEDRESE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ENGLICHOUS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES ACCEPTA 3 - 2 - 118 Lot 6 Rolling Meadows ---0-0-3 X 4 ≤ Design Crit: -8-10-11 Creep increase bldg, not located TC DL-5.0 psf, Lot 6 Rolling Meadows TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) -0-0-1 19-4-1 Over 3 Supports 11-4-0 3 X 4 ≡ ** 4-0-0 BC - - -In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" 0C, all BC @ 24" 0C. SPECIAL LOADS From From ER DUR.FAC.=1.25 / 64 PLF at 0.00 64 PLF at 4.00 64 PLF at 15.34 4 PLF at 0.00 dan CORIOR 3×4 ₩ 0.00 to 4.00 to 15.34 to 0.00 to 4-0-0 PLATE 3 - 2 - 11œ 64 PLF 64 PLF 4 PLF E DUR.FAC.=1.25)
64 PLF at 4.00
64 PLF at 15.34
64 PLF at 19.34
4 PLF at 19.34 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-R-23 2X4(A1) = **→**10"11: U=9 W=6.31" -/E/-/ 40.0 10.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF שיידהשיו יהחמונוירה חו וצחיים נמנוי JREF-FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 08023114 Scale =.375"/Ft. R8228-1TEE8228Z04 DF / DF 61299 01/23/08 45767



Bot 110 mph wind, 19.04 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. factor for dead load is 1.50. Wind reactions based on MWFRS pressures 8-034--Sparks Construction p chord 2x4 SP #2 | t chord 2x4 SP #2 | Webs 2x4 SP #3 Dense Lot 6 Rolling Meadows --Creep increase Lot 6 Rolling Meadows . In lieu of structural panels use purlins to brace all flat TC @ 24" SPECIAL LOADS PB1 From From 6 64 PLF at 64 PLF at 64 PLF at 4 PLF at DUR.FAC.=1.25 0.00 to 2.00 to 4.50 to PLATE TE DUR.FAC.=1.25)
64 PLF at 2.00
64 PLF at 4.50
64 PLF at 6.50
4 PLF at 6.50

Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



*WARNING** TRUSSES REQUIRE EXTREME CARE IN F TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) BC LL BC DL TC DL DUR.FAC. TC TOT.LD. FL/-/4/-/E/-/ 40.0 10.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF FROM DATE REF JREF -SEQN-DRW HCUSR8228 08023112 HC-ENG Scale = .5"/Ft.

R8228- 45769

01/23/08

DF / DF 61316

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 ALPINE DESIGN SHOWN, THE SUITA BUILDING DESIGNER PER ANSI

PLT

TYP.

Wave

Design Crit:

SPACING

1TEE8228Z04

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Bot Note: All Plates Refer to DWG PIGBACKB0207 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 all flat TC @ $24\,^{\circ}$ OC, all BC @ $24\,^{\circ}$ OC. Wind reactions based on MWFRS pressures. Bearing reaction of -16# at connection to resist uplift 8-034--Sparks Construction b chord 2x4 SP webs 2x4 SP TYP. ALPINE Wave R=67 A10"v ##2 4 Dense Dense Are 1.5X4 Except As Shown. PLF U=21 PLF **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TP: OR FAREACTING, HANDLUNG, SHEPPING, INSTALLING A BRACING OF TRUSSES. DESIGN AND AND TPI. THE BCG DESIGN COMEGNES HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. THE BCG CONNECTOR PLAIRS ARE MADE OF ZO/103/160A, (M-M/SSE), STAN ASSOCIATION FOR DEATHERS SO AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI1-ZOOZ SC. 3. A SLA. ON THIS DESIGN FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROTECTOR OF **WARNING** IRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, HASTALING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS PLATE HASTITUTE, 218 NORTH (LEE STREET, SUITE 13. ALEXANDRIA, VA, 22314) AND NICA (4000) TRUSS COUNCIL OF AMERICA, 6300 ENTIFERENTSE LANE, MADISON, NI 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 TOP CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI 1 SEC. (20-3-11, 18-8-7), from loads other the Lot 6 Rolling Meadows -0-0-W = 20 - 0 - 11Design Crit: ф ф than requires special han wind. 4-0-0 Lot 6 Rolling Meadows TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 20-10-0 Over $5 \times 4 =$ 中 18-10-0 6. POSITION PER UNAMANA.

D2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT THE 3 X 4 ≡ -4-0-0 2 Supports TC - From
TC - From
BC - From 110 mph wind, 19.37 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. factor for dead load is 1.50. SPECIAL PB12) (LUMBER ф Jan SONAL ENGINE 60 PLF at 0.00 to 64 PLF at 18.83 to 4 PLF at 0.00 to DUR.FAC.=1.25 / STATE OF 4-0-0-/ PLATE DUR.FAC.=1.25)
to 60 PLF at 18.83
to 64 PLF at 20.83
to 4 PLF at 20.83 SPACING DUR.FAC. BC BC TC DL C TOT.LD. FL/-/4/-D F 3-2-11-3 X 4 ≥ 1-2-11 2X4(A1) = R=-17 /E/-/ 40.0 10.0 10.0 20.0 24.0" 1.25 0.0 8 Creep increase U=7 W=6.309 bldg, not located TC DL=5.0 psf, PSF PSF PSF PSF PSF JREF -FROM SEQN-DRW DATE REF HC-ENG Scale =.375"/Ft. HCUSR8228 08023094 R8228-1TEE8228Z04 DF / DF 61419 01/23/08 45770 H8-8073

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0.278 Refer to DWG PIGBACKB0207 for piggyback deta PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. PLT TYP. Note: All Plates Deflection meets L/240 live and L/180 total load. factor for dead load is $1.50.\,$ Left end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures. Bearing reaction of -15# at connection to resist uplift 8-034--Sparks Construction chord 2x4
Chord 2x4
Webs 2x4 ALPINE Wave SP #2 SP #3 R=67 ▲10"¥ 由 Are 1.5X4 Except As Shown. Dense Dense PLF U-22 PLF W-20-0-11 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FAREIGATHEN, HANGLING, SHEPPING, HISTALLING & BRACHING OF TRUSSES, DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF RIDS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/160A (M.H.95XFM) SAITH ASS) GANZ. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPI1-2002 SEC. 3. A SEAL ON THIS **WARNING** TRUSSES REDUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO RESI (BULLDING COMPONENT SAFETY IMPORNATION), PUBLISHED BY FFI (FRUSS PLATE INSTITUTE, 218
MORTH CHE STREEE, SUITE 312, ALEXANDRAN, VA., 223-14) AND HICA (HORD TRUSS COUNCIL OR AMERICA, 6300
ENTERDISE LAME, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS
OTHERWISE HOLDSCALED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI DRAWING INDICATES (20-3-11, 18-8-7), requires special from loads other than wind. 4-0-0 Lot 6 Rolling Meadows details. Design Crit: \Rightarrow Creep increase 3 X 4 ≡ 4-0-0-В Lot 6 Rolling Meadows TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 6-11-12 20-10-0 3 X 4 ≡ Over ER DRAHINGS 160A-Z,
A SEAL ON THIS
HE TRUSS COMPONENT
PONSIBILITY OF THE 2 -0-0-Supports TC - From BC - From 110 mph wind, 20.04 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels use purlins to brace OC. SPECIAL PB13) (LUMBER ER DUR.FAC.=1.25 / PLA
60 PLF at 0.00 to
64 PLF at 16.83 to
4 PLF at 0.00 to 4 X 8 ≡ PLATE TE DUR.FAC.=1.25)
60 PLF at 16.83
64 PLF at 20.83
4 PLF at 20.83 BC DL TC DL SPACING DUR.FAC. BC C TOT.LD. FL/-/4/-Ε 3-0-15 3-0-15 8 $2X4(A1) \equiv$ 40.0 10.0 10.0 20.0 /E/-/-24.0" 1.25 0.0 15 all flat TC @ bldg, not located TC DL-5.0 psf, U=17 W=6.31PSF PSF PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 08023068 Scale = .375"/Ft. R8228- 45771 1TEE8228Z04 DF / DF 61427 01/23/08 -18-80₇3

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

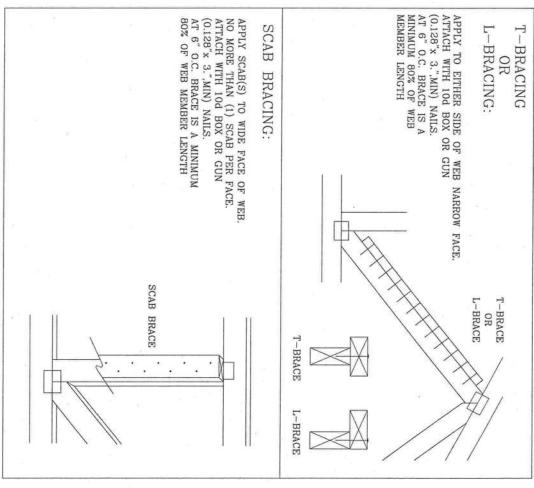
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

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

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

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



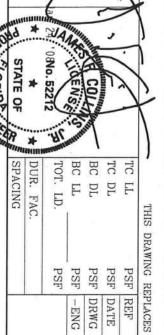


ITWBUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA

VARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI GBULDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI CTRUSS PLOY INSTITUTE, 218 NURTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22340 AND VITCA (VUDD) TRUSS COUNTL DE AMERICA, 6300 ENTERPRISE IN, MAISON, VI 33719) FOR SAFETY PARCITICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE IN, MAISON, VI 33719) FOR SAFETY PARCITICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE IN, MAISON OF GUORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

WHODRYMATER FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SAUDIT BE RESONABLE FOR ANY EXCHANGIN FROM THIS DESIGN ANY FALLURE TO BUILD THE TRUSSS IN CONTRAMACE VITH THIS OF FABRICATING, HANDLING, SHIPPING, INSTALLING & REACHING OF TRUSSES.

DESIGN CONTRANS VITH APPLICABLE PROVISIONS OF NOS (NATIONAL) DESIGN SPEC, BY AFEADA AND TPLITY, BCG CONNECTOR PLATES ARE MADE OF ADVISIONS OF NOS (NATIONAL) DESIGN SPEC, BY AFEADA AND TRACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DALVIN STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWNINGS 160A-2. ANY INSPECTION OF PLATES TOLLOUED BY (10) SMALL BE PLATES TOLLOUE



BRCLBSUB0207 MLH/KAR DRAWING 579,640

CLB SUBST

2/23/07

TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d COMMON (0.162"X 3.5", MIN) NAILS. BRACING MATERIAL TO BE SUPPLIED AND ATTACHED

AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR. 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.

* 8/12 MAXIMUM PITCH.

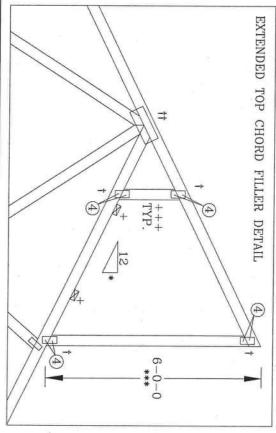
** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

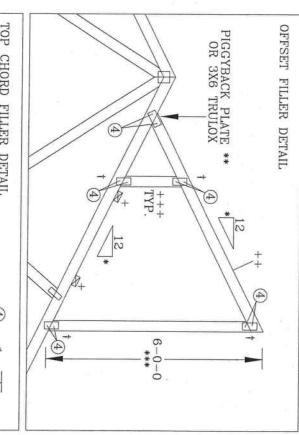
*** 6'0" MAXIMUM HEIGHT

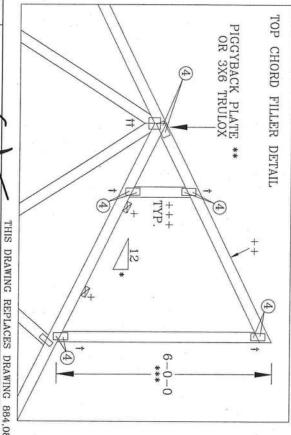
† W2X4 OR 3X6 TRULOX.

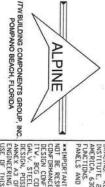
†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS SHOWN. DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT

0.120"X 1.375" NAILS REQUIRED SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS FOR TRULOX PLATE ATTACHMENT. IN CIRCLES MUST BE APPLIED TO NAILS SPECIFIED
EACH FACE OF EACH TRUSS PLY.









WARNIUS TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHPPING, INSTALLING AND BRAING. REFER TO BEST (GUILDING COPPIDENT SAFETY METBORATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MURTH LEE STR., SUITE 123, ALEXANDER, VA. 22314) AND VITCA VOUDD TRUSS COUNCIL CARENCO, 4500 ENTERPRISE IN, MOISSIN, VI 53719) FIR SAFETY PRACTICES PRIBE TO PERFORMING THAT FUNCTIONS. UNLESS OTHERWISE INDICATED, THE CONTROL SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BUTTON CHURD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

WITTER RESPONSIBLE FOR MY DEVIATION FROM THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., MALL NOT BE RESPONSIBLE FOR MY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS INCORPERMANCE WITH FIT OR FABRICATION, HANDLING, SHIPPINN, INSTALLING & BRACING OF TRUSSES. DESIGN CONTROLLER MAPPLICABLE PROVISIONS OF MUS CHATIONAL DESIGN SPEC, BY AFREAD AND THE TOST OF THE PLATES ARE MADE OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSSITUM FEB DEMANNICS GARACE AND THE SECTION OF PATES THE PLATES FOLLOWED BY OF SHALL BE FREE AMERICAN OF THE 1-2002 SEC. 3 A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL EXCIDENTAL CONFIDENCE OF THIS COMPONENT FOR ANY BUILDING DESIGNER, PER MISSES OF THE SOURCE OF

NONAL ENGUE 08 STATE OF No. 52212 A BC DL TC SPACING TOT. BC LL DL ED.

DUR. FAC. TC L MAX MAX MAX 1.15 OR 1.33 MAX 10 PSF 24.0 55 15 30 PSF 0 PSF PSF PSF DATE DRWG REF -ENG TCFILLER0207 SJP/KAR 2/23/07 TC-FILLER

DRAWING 884,080

BOTTOM CHORD

OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

FOR TRULOX PLATE ATTACHMENT.

NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS 0.120" X 1.375", NAILS, REQUIRED

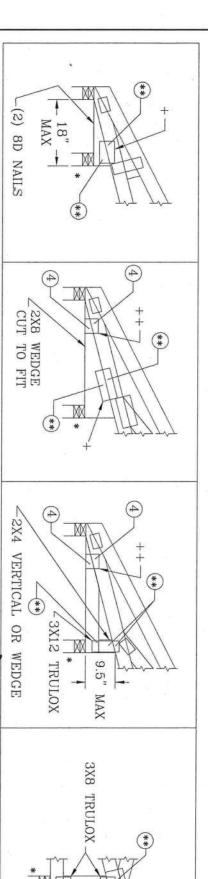
3X4 WAVE OR 4X8 TRULOX

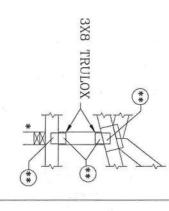
+ 2X4 WAVE OR 3X6 TRULOX

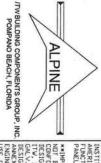
SHOWN. DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT TO ENGINEER'S SEALED DESIGN REFERENCING THIS

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD	MAXIMUM REACTION	EACTION	MINIMIM	** REQUIRED	NAIL	S PER FACE WITH	TRULOX P	LATES
OR WEDGE SPECIES	DOWNWARD	UPLIFT	BEARING AREA	1.00 D.O.L. 1.15	.15 D.O.L.	1.25 D.O.L.	D.O.L. 1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12		10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	00
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	Φ	o.
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	œ	Φ.	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	ω	7	~2	ກ







WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING. REFER TO BESI GUILDING COMPORENT SAFETY INFORMATION, PUBLISHED BY TPI GRUSS INSTITUTE. 218 NIBTH LEE STR., SUITE 312, ALEXANIRIA, VA. 22314) AND VICA CYCIDI TRUSS CUI AKERICA, 6300 ENTERRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUMP PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUMP PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUMP PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

***IMPORTANT** FIRNISH COPY DET THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., STATUTON FEBRUARY TO THE PROPERTY OF TH

* S/ONAL ENGINE STATE OF Ng 52212 CENS HS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132 TC II

DATE 2/23/07 DRWG BCFILLER0207 -ENG DLJ/KAR

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

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	1	Lá		,,		Sec.		Ξ.	.00.00			6		77,5			Ο.	-0320			4		Siere	9000	. (SPA	
	ח זע	J ゴ ゴ		7)	TIT	I I	77.7				1	U.)	TII	口丁	CLL	C D I		L'H'L	1	U.)	TIL	I I I	OLL	Q J	SPECIES	GABLE VERTICAL
CHARACTER	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
- 1	والم	3	5, 0,	5 3"	100	4' 9"			4' 11"	4. 5.	4' 6"	1	1	4' 10"		4' 4"	4. 4.	4. 5.	3' 10"	4' 0"	4' 0"	4' 2"	4' 3"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	No
- 1.		1	8,5	8 5"	13		8. 5.	100	8,5	6' 5"	7' 6"	123	7' 8"	1	6' 4"	7' 4"	7' 4"		5.		6, 2,	6, 8,	. 1	3	6'0"	6′ 0"	6'8"	GROUP A	(1) 1X4 "L"
- 1		-	8,51,1	9' 1"	9' 1"	7' 3"	1	8, 5,	1 -	6' 5"	7' 6"	100	8' 3"		100	7' 4"	7' 4"	7' 10"		6' 1"	6, 5,	7' 2"		5' 2"	6' 0"	6' 0"	6' 10"	GROUP B	BRACE .
		-		10' 0"	10' 0"		10' 0"		10' 0"	8' 6"	9' 1"		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"
- 1	24	10' 6"	-	10' 9"	10' 9"		10' 0"		10' 3"	8' 6"	9' 6"		9' 9"	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8' 0"	8' 1"	8' 6"		6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	" BRACE *
	117 117	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"	9' 4"	9' 5"	9' 5"	9' 5"	9' 5"	9' 1"	9' 5"	9' 5"	9' 5"	GROUP A	(2) 2X4 "L"
	10' 0"	3		12' 10"	12' 10"	11' 11"	11' 11"	. 111, 111,	12' 3"	11' 1"	11' 4"	11' 4"		11' 8"	10' 10"	10' 10"	10' 10"	11' 1"		9' 11"	200	10' 2"	10' 2"	9' 1"		9' 5"	9' 8"	GROUP B	BRACE **
14				14' 0"	14' 0"	14' 0"		14' 0"	14' 0"		14. 0."	14' 0"	14' 0"		12' 11"		14' 0"	14' 0"		12' 5"		100	12' 5"				12, 5,"	GROUP A	(1) 2X6 "L"
	14,0	14.0	14' 0"	14. 0.	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12' 6"	12′ 8″	13′ 5″	13' 5"		12' 3"		12' 9"	GROUP B	BRACE *
1#	14 0	14,00	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"
14 0	14 0	14	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
STANDARD

SOUTHERN PINE

STANDARD #3

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

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

13

STANDARD

HEM-FIR STUD

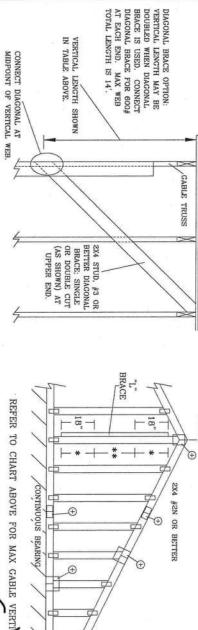
BRACING GROUP SPECIES AND

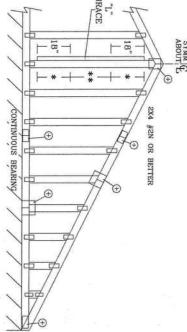
GRADES:

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GROUP

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	CO

SOUTHERN PINE

DOUGLAS FIR-LARCH

12

#2

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

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

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

		1			
REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	GREATER THAN 4' 0", BUT LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
DESIGN FOR PLATES.	2.5X4	2X4		NO SPLICE	E SIZES

LENGTH

WHERDERMATE. FLEWISH COPY OF THIS DESIGN TO INSTALLATION CORRECTOR. ITV BEG. INC.

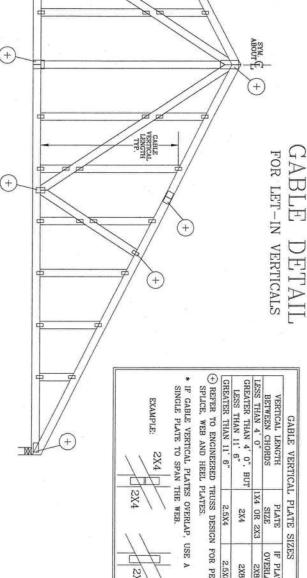
MILE RESPONSIBLE FIRE ANY DEVAILED, FROM HIS DESIGN, ANY FALLURE TO BRILD THE RISKS.

DESIGN CONTRIBES A THE APPLICABLE PROFUSION STREAMS. MAINTAIN, BESIGN SPEC, BY AFRA A MAINTAIN, BESIGN SPEC, BY AFRA AND THE ARROWS SEED AND ANGE OF A MAINTAIN SEED AND A MAINTAIN STREAMS AND A MAINTAIN STREAMS AND A MAINTAIN SEED A MAIN **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING. REFER TO BEST GUILDING COMPONENT SAFETY REPORATIONS, PUBLISHED BY TPT CROSSS INSTITUTE, 218 NIDSTH LEE STR., SUITE 312, ALEXANDRIA, VA. 223145 AND WIGH ACKNOON TRUSS CINAERICA, 6300 ENTERPRISE LN, HADISDN, VI 537159 FOR SAFETY PRACTICES PRIDE TO PERFORMED MARLL HAVE PRIDERLY ATTACHED STREET PRACTIONS. UNLESS OTHERWISE INDICATED, TOP ORDER SMALL HAVE PRIDERLY ATTACHED STREET PRACTIONS. UNLESS OTHERWISE INDICATED, TOP ORDER SMALL HAVE PRIDERLY ATTACHED STREET PRACTIONS. BE PER migrunuy * ./ SIONAL ENGLASE * 80° STATE OF No. 52212 » MAX. MAX. TOT. SPACING ED.

/TWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

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



(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK. IF PLATES OVERLAP* 2.5XB 2X8 2X8

ATTACH EACH "T" REINFORCING MEMBER WITH PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN

HAND DRIVEN NAILS:

10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS (4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AND 8d COMMON (0.131"X 2.5", MIN) TOENAILS AT 4" O.C. PLUS BOTTOM CHORD

(4) TOENAILS IN TOP AND BOTTOM CHORD

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

ASCE 7-93 GABLE DETAIL DRAWINGS

ASCE 7-98 GABLE DETAIL DRAWINGS A11015EN0207, A10015EN0207, A09015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A09030EN0207, A09030EN0207, A10030EN0207, A10050EN0207, A10050EN0207, A10050EN0207, A10050EN0207, A10050EN0207, A10050EN0207, A10050EN0207, A10050EN0207, A1 A08015EN0207, A07015EN0207 A08030EN0207, A07030EN0207

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

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

A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207 A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

4 TOENAILS SPACED AT 4 TOENAILS RIGID SHEATHING CEILING VERTICAL LENGTH.

TRUSS

"T"
REINFORCINGMEMBER

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

TOENAIL

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

WEB LENGTH INCREASE W

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

BRACE

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

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10 (1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

 $1.10 \times 6' 7'' = 7' 3''$

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

MEAN ROOF HEIGHT = 30 FT

ASCE WIND SPEED = 100 MPH

SIONAL ENGINE STATE OF * MAX SPACING MAX TOT. LD. DUR. FAC. ANY 60 PSF 24.0" DRWG DATE REF GBLLETIN0207 DLJ/KAR 2/23/07 LET-IN VERT

***AVARNING** "PRUSSES REQUIRE EXTREME CARE IN "ARBIGATING, HAULING, SHIPPING, INSTALLING AN BRACING. REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIT CIRLIS PI, INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND WITEA CAUDD TRUSS COUNCY ARERICA, 6300 ENTERPRISE LN, HADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING FUNCTIONS. UNICESS OTHERWISE INDICATED, THE CHIRD SHALL HAVE PROPERTY ATTACHED STRUCTIONS.

WHORDENAITW FURNISH CORY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., WALL
NOT BE RESPONSIBLE FOR NAV BEVLATION FRRM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS.

CONTRAMACE YITH PIL OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRAMACE YITH PIL OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONTRONS YITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SPEC, BY AFRAN AND THE

TITY, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (*V.J.Y.S.XX) ASTIN AGSS GRADE 40/60 (*V.J.Y.S.XX)

DESIGN, POSITION PER DRAVINGS 166A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER

MANEX AS DE TRI 1-2002 SEC. 3. A SEAL ON THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL

ENGINEERING RESPONSIBILITY SOLLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND

ITW BUILDING COMPONENTS GROUP,

NC.

ALPINE

POMPANO BEACH, FLORIDA

TOP CHORD 2X4 2X4 ### 222 BETTER BETTER BETTER

PIGGYBACK

SPACE PIGGYBACK VERTICALS AT 4' OC MAX. REFER TO SEALED DESIGN FOR DASHED PLATES

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 7-98, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, 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 BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

MAX SIZE OF 2X12 #2 OR BETTER

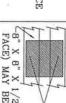
ACCEPTABLE

EITHER PLATE

SPLICE

20' FLAT TOP CHORD MAX SPAN

F



(4) 6d BOX (0.099"X 2.", MIN) NAILS.

Z8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET 4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC

				Ħ		
E3	D	С	В	Α	TYPE	JOINT
4X6 O	5X4	1.5X3	4X6	2X4	30'	(1)
R 3X6 TE	5X5	1.5X4	5X6	2.5X4	34'	SPANS
4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY	5X5	1.5X4	5X6	2.5X4	38'	SPANS UP TO
14' OC,	5X6	1.5X4	5X6	3X5	52'	

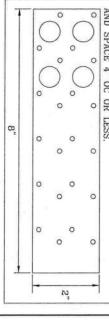
OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 FOR TRULOX INFORMATION.

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS

10' TO 14'	7'9" TO 10'	0' TO 7'9"	WEB LENGTH	
MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC	AND CONTROL OF WEB WEBBER. AND SOX LENGTH OF WEB WEBBER. ATTACH WITH 8d BOX LENGTH OF WEB WEBBER. ATTACH WITH 8d BOX (0.113 X 2.5.5", MIN) NAILS AT 4"OF CRANE CRANE CRANE AS WEBBER.	NO BRACING	REQUIRED BRACING	WEB BRACING CHART

* 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 I AND SPACE 4' OC OR LESS. TRUSS FACE



SIH DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

200	4 17 1 2 5 1 1 2 5 1 7			١	
SPACING	47 F 1.15 D	50 F 1.25 D	1.33 D	. 55 F	NO.
24.0"	47 PSF AT 1.15 DUR. FAC.	PSF AT DUR. FAC.	UR. FAC.	PSF AT	MUY POUDING
	1	-ENG	DRWG	DATE	TOTAL
		-ENG DLJ/KAR	DRWG PIGBACKB0207	2/23/07	TIGGIDACK



MAX [

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D-SPLICE

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AVARING TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 NORTH LEE STER, SUITE 312, ALEXANDRIA, VA. 223149 AND WTAC VOOD TRUSS COUNCIL NATIONAL PARTICLES, PRIDE TO PERFORMING THE STRUCTIONS. UNICESS DITERVISE INDICATED, 10P GRORD SHALL HAVE PRIPERLY ATTACHED STRUCTURAL PARTICLES PRIDE TRUCTURAL PARTICLES OF TRUSTED, TO PROPERLY ATTACHED STRUCTURAL PARTICLES OF TRUSTED SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. IT'V BCG, INC. SALL
NOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN
CONFURRANCE WITH TRI DE FARRICATING, HANDLING, SUPPING, INSTALLING & BARCING OF TRISSES.
DESIGN CONFURNIS WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SPEC, BY AFRAN AND TRI.
IT'V, BCG CONNECTOR PARTES ARE MADE DE 20/18/16/AC V_JAVSS/X) ASTIN AGSS GRADE 40/AC (V_K/K/S)
GALV, STEEL. APPLY PLATES TO EACH FACE DE TRUSS AND, UNLESS DIHERVISE LOCATED DN THIS
DESIGN, POSITION PER DRAVINGS 160A-Z ANY INSPECTION OF PLATES FOLLOWED BY (D) SHALL BE PER
ANNEX AS OF TRI 1-2002 SEC. 3. A SEAL DN THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL
ENGINEERING RESPONSIBILITY SOLLEY FOR THE TRUSS COMPONENT DESIGN SHOWN, THE SUITABILITY AND
USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

This instrument prepared by: William J. Haley, Esquire Brannon, Brown, Haley & Bullock, P. A. P. O. Box 1029 Lake City, FL 32056-1029

Inst:2005028716 Date:11/17/2005 Time:14:06

Doc Stamp-Deed : 1043.70

_____DC,P.DeWitt Cason,Columbia County B:1065 P:1227

SPECIAL WARRANTY DEED

THIS INDENTURE, made this 16th day of November, 2005, between JERRY COOK, a married man, who does not reside on the property, but who resides at 314 Cannon Creek Drive, Lake City, Florida 32055, hereinafter referred to as Grantor, and SPARKS CONTRACTORS, INC, a Florida corporation, having a mailing address of 162 SW Country Court, Lake City FL 32024, hereinafter referred to as Grantee.

WITNESSETH: That said Grantor, for and in consideration of the sum of \$10.00 and other good and valuable considerations to said Grantor in hand paid by said Grantee, the receipt and sufficiency of which are hereby acknowledged, have granted, bargained and sold to the said Grantee, and Grantee's successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot(s) 3, 5, and 6, ROLLING MEADOWS, a subdivision according to the plat thereof, as recorded in Plat Book 8, pages 45 and 46, public records of Columbia County, Florida.

PARCEL NO. Part of 15-4S-

SUBJECT TO:

Taxes and special assessments for the year 2005 and subsequent years; restrictions, reservations, rights of way for public roads, easements of record, if any; and zoning and any other governmental restrictions regulating the use of the lands.

and said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons claiming by, through or under said Grantor.

IN WITNESS WHEREOF, Grantor has hereunto set its hand and seal the day and year first above written.

Signed, sealed and delivered in the presence of:

Inst:2005028716 Date:11/17/2005 Time:14:06

Doc Stamp-Deed: 1043.70

_DC,P.DeWitt Cason,Columbia County B:1065 P:1228

Print Name:

STATE OF FLORIDA

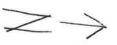
COUNTY OF COLUMBIA

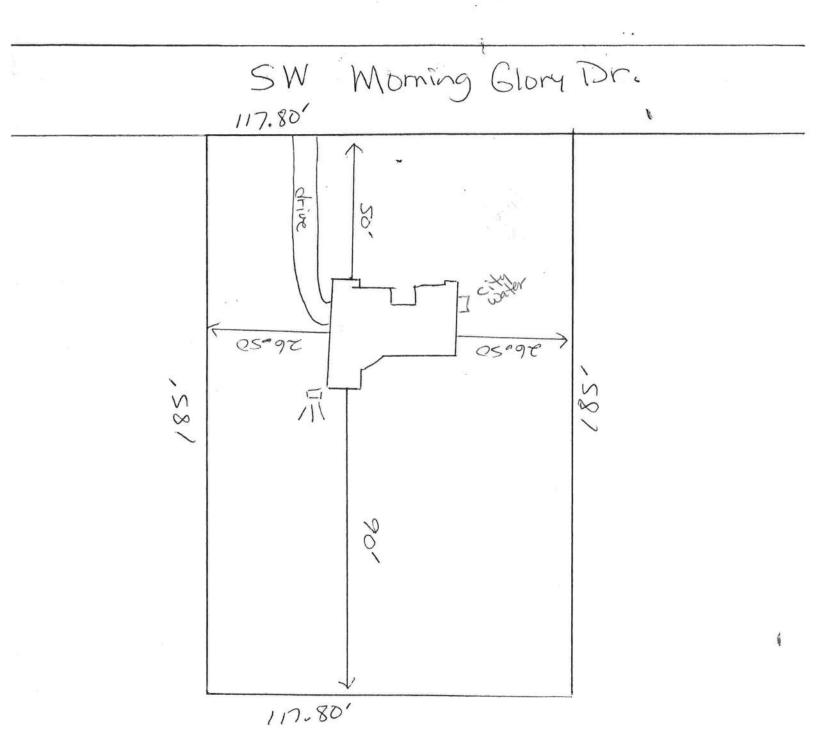
The foregoing instrument was acknowledged before me this 16° 2005, by Jerry Cook, who is personally known to me or whom produced FC _____, as identification.

Notary Public, State of Florida



Lot 6 Rolling Meadows.. 15-45-16-03023-506





Residential System Sizing Calculation

Summary Project Title:

Spec House

, FL

Project Title: 801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

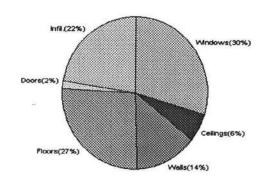
1/24/2008

				1/24/2000	
Location for weather data: Gaine	sville - De	faults: Lati	tude(29) Altitude(152 ft.) Temp Ran	ge(M)	
Humidity data: Interior RH (50%	6) Outdoo	r wet bulb (77F) Humidity difference(54gr.)		
Winter design temperature	33	1111111	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	36594	Btuh	Total cooling load calculation	32764	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	
Total (Electric Heat Pump)	117.5	43000	Sensible (SHR = 0.75)	116.2	32250
Heat Pump + Auxiliary(0.0kW)	117.5	43000	Latent		10750
	1625.0(0)3		Total (Electric Heat Pump)	131.2	43000

WINTER CALCULATIONS

Winter Heating Load (for 1860 sqft)

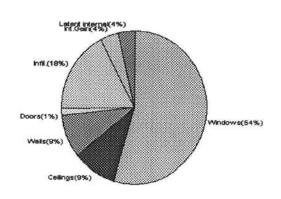
Load component			Load	
Window total	340	sqft	10954	Btuh
Wall total	1518	sqft	4984	Btuh
Door total	50	sqft	648	Btuh
Ceiling total	1860	sqft	2192	Btuh
Floor total	224	sqft	9780	Btuh
Infiltration	198	cfm	8036	Btuh
Duct loss			0	Btuh
Subtotal			36594	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			36594	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1860 sqft)

Load component			Load	
Window total	340	sqft	17844	Btuh
Wall total	1518	sqft	3025	Btuh
Door total	50	sqft	490	Btuh
Ceiling total	1860	sqft	3080	Btuh
Floor total			0	Btuh
Infiltration	104	cfm	1939	Btuh
Internal gain			1380	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			27758	Btuh
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			3807	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			5007	Btuh
TOTAL HEAT GAIN			32764	Btuh



For Florida residences only

EnergyGauge® System Sizing

DATE:

EnergyGauge® FLR2PB v4.1

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House

Project Title: 801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

, FL

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

1/24/2008

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House Window Panes/SHGC/Frame/U Orientation Area(sqft) X HTM= Load 2, Clear, Metal, 0.87 1 NW 36.0 32.2 1159 Btuh 2 2, Clear, Metal, 0.87 NW 54.0 32.2 1738 Btuh 3 2, Clear, Metal, 0.87 W 20.0 32.2 644 Btuh 4 2, Clear, Metal, 0.87 SW 18.0 32.2 579 Btuh 5 2, Clear, Metal, 0.87 NW 24.0 32.2 773 Btuh 6 2, Clear, Metal, 0.87 NW 54.0 32.2 1738 Btuh 7 2, Clear, Metal, 0.87 NE 15.0 32.2 483 Btuh 8 2, Clear, Metal, 0.87 SE 36.0 32.2 1159 Btuh 9 2, Clear, Metal, 0.87 SE 13.3 32.2 428 Btuh 10 2, Clear, Metal, 0.87 SE 5.0 32.2 161 Btuh 11 2, Clear, Metal, 0.87 SE 15.0 32.2 483 Btuh 12 2, Clear, Metal, 0.87 SE 20.0 32.2 644 Btuh 13 2, Clear, Metal, 0.87 SW 30.0 32.2 966 Btuh Window Total 340(sqft) 10954 Btuh Walls Type R-Value Area X HTM= Load Frame - Wood - Ext(0.09) 13.0 1274 3.3 4183 Btuh 2 Frame - Wood - Adi(0.09) 13.0 244 3.3 801 Btuh Wall Total 1518 4984 Btuh Doors Type Area X HTM= Load 1 Insulated - Adjacent 20 12.9 259 Btuh 2 Insulated - Exterior 20 12.9 259 Btuh 3 Insulated - Exterior 10 12.9 130 Btuh Door Total 50 648Btuh Ceilings Type/Color/Surface R-Value Area X HTM= Load Vented Attic/D/Shin) 30.0 1860 1.2 2192 Btuh Ceiling Total 1860 2192Btuh **Floors** R-Value Size X HTM= Load Slab On Grade 0 224.0 ft(p) 43.7 9780 Btuh Floor Total 224 9780 Btuh Zone Envelope Subtotal: 28558 Btuh Infiltration Type ACH X Zone Volume CFM= Natural 0.80 14880 198.4 8036 Btuh Ductload Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00) 0 Btuh Zone #1 Sensible Zone Subtotal 36594 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued) Project Title: Class

Spec House

, FL

801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

WHOLE HOUSE TOTALS		1/24/2008
	Subtotal Sensible Ventilation Sensible Total Btuh Loss	36594 Btuh 0 Btuh 36594 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details Project Title: Class 3

Spec House

Zone #1

Component Loads for Zone #1: Main

801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

, FL

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

1/24/2008

This calculation is for Worst Case. The house has been rotated 315 degrees.

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	36.0	32.2	1159 Btuh
2	2, Clear, Metal, 0.87	NW	54.0	32.2	1738 Btuh
3	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	SW	18.0	32.2	579 Btuh
5	2, Clear, Metal, 0.87	NW	24.0	32.2	773 Btuh
6	2, Clear, Metal, 0.87	NW	54.0	32.2	1738 Btuh
7	2, Clear, Metal, 0.87	NE	15.0	32.2	483 Btuh
8	2, Clear, Metal, 0.87	SE	36.0	32.2	1159 Btuh
9	2, Clear, Metal, 0.87	SE	13.3	32.2	428 Btuh
10	2, Clear, Metal, 0.87	SE	5.0	32.2	161 Btuh
11	2, Clear, Metal, 0.87	SE	15.0	32.2	483 Btuh
12	2, Clear, Metal, 0.87	SE	20.0	32.2	644 Btuh
13	2, Clear, Metal, 0.87	sw	30.0	32.2	966 Btuh
	Window Total	340(sqft)		10954 Btuh	
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1274	3.3	4183 Btuh
2	Frame - Wood - Adj(0.09)	13.0	244	3.3	801 Btuh
	Wall Total		1518		4984 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		10	12.9	130 Btuh
	Door Total		50	6- 000 1-014	648Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1860	1.2	2192 Btuh
	Ceiling Total		1860		2192Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	224.0 ft(p)	43.7	9780 Btuh
	Floor Total		224	19000900	9780 Btuh
		Zone Envelope Subtotal:		28558 Btuh	
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.80	14880	198.4	8036 Btuh
Ductload	Unsealed, R6.0, Supply(Atti	c), Return(Att	ic)	(DLM of 0.00)	0 Btuh

Sensible Zone Subtotal

36594 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

, FL

Project Title: 801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

WHOLE HOUSE TOTALS		1/24/2008
*	Subtotal Sensible Ventilation Sensible Total Btuh Loss	36594 Btuh 0 Btuh 36594 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House

Project Title:

801242SparksConstructionInc

Class 3 Rating Registration No. 0

Climate: North

, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

1/24/2008

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

	Type*		Ove	rhang	Win	dow Area	a(sqft)	H	ITM	Load	0.000
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross		Unshaded		Unshaded		
1	2, Clear, 0.87, None, N, N	NW	1.5ft.	7.5ft.	36.0	0.0	36.0	29	60	2161	Btuh
2	2, Clear, 0.87, None, N, N	NW	12ft.	7.5ft.	54.0	0.0	54.0	29	60	3242	
3	2, Clear, 0.87, None, N, N	W	13ft.	7.5ft.	20.0	20.0	0.0	29	80	579	
4	2, Clear, 0.87, None, N, N	SW	18ft.	6.5ft.	18.0	18.0	0.0	29	63	521	Btuh
5	2, Clear, 0.87, None, N, N	NW	1.5ft.	7.5ft.	24.0	0.0	24.0	29	60	1441	Btuh
6	2, Clear, 0.87, None, N, N	NW	1.5ft.	7.5ft.	54.0	0.0	54.0	29	60	3242	Btuh
7	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh
8	2, Clear, 0.87, None, N, N	SE	1.5ft.	7.5ft.	36.0	6.1	29.9	29	63	2045	Btuh
10	2, Clear, 0.87, None,N,N	SE	7ft.	7.5ft.	13.3	13.3	0.0	29	63	385	
11	2, Clear, 0.87, None,N,N	SE	7ft.	1.5ft.	5.0	5.0	0.0	29	63	145	
12	2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	15.0	6.1	8.9	29	63	734	
13	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	20.0	8.1	11.9	29	63	979	50000000
10		SW	1.5ft.	ວ.ວແ.	30.0	12.1	17.9	29	63	1468	
147 11	Window Total				340 (sqft)				17844	Btuh
Walls	Туре		R-Va		-Value	Area((sqft)		HTM	Load	
1	Frame - Wood - Ext			13.0/0	0.09	127	3.7		2.1	2657	Btuh
2	Frame - Wood - Adj			13.0/0	0.09	244	1.0		1.5	368	Btuh
	Wall Total					151	8 (sqft)		-24.785	3025	Btuh
Doors	Туре					Area	(sqft)		НТМ	Load	
1	Insulated - Adjacent					20.	.0		9.8	196	Btuh
2	Insulated - Exterior					20.	.0		9.8	196	Btuh
3	Insulated - Exterior					10.	0		9.8	98	Btuh
	Door Total					50	0 (sqft)			490	Btuh
Ceilings	Type/Color/Surface		R-Value			Area(нтм	Load	
1	Vented Attic/DarkShingle			30.0		1860			1.7	3080	Btub
	Ceiling Total						0 (sqft)		1.7	3080	
Floors	Туре		R-Va	lue		Siz			нтм	Load	Dian
1	Slab On Grade			0.0					0.0	Series .	Btuh
	Floor Total			0.0 224 (ft(p)) 224.0 (sqft)					0.0		Btuh
						227.0) (Sqit)			U	Diun
						Zo	ne Enve	lope Su	btotal:	24439	Btuh
nfiltration	Туре		A	СН		Volume	(cuft)		CFM=	Load	7
	SensibleNatural			0.42		1488			104.2		Btuh
Internal		(Occup	ants		Stuh/occ		Δ	ppliance	Load	Dian
gain				6	×			,,	0		Btuh
Duct load	Unsealed, R6.0, Supply(Attic),	Retur		c)			DGM =			Btuh
							Sensible			27758 B	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

, FL

Project Title: 801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

1/24/2008

WHOLE HOUSE TOTALS

			
	Sensible Envelope Load All Zones	27758	Btuh
	Sensible Duct Load	0	Btuh
	Total Sensible Zone Loads	27758	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	27758	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	3807	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
2	Latent other gain	0	Btuh
	Latent total gain	5007	Btuh
	TOTAL GAIN	32764	Btuh

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

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

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

(Exsh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details Project Title: Class 3

Spec House

801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

, FL

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F This calculation is for Worst Case. The house has been rotated 315 degrees.

1/24/2008

Component Loads for Zone #1: Main

	Type*		Ove	rhang	Wine	dow Area	a(sqft)	Н	ITM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross		Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None, N, N	NW	1.5ft.	7.5ft.	36.0	0.0	36.0	29	60	2161	Btu
2	2, Clear, 0.87, None, N, N	NW	12ft.	7.5ft.	54.0	0.0	54.0	29	60	3242	
3	2, Clear, 0.87, None, N, N	W	13ft.	7.5ft.	20.0	20.0	0.0	29	80	579	
4	2, Clear, 0.87, None,N,N	SW	18ft.	6.5ft.	18.0	18.0	0.0	29	63	521	Btul
5	2, Clear, 0.87, None,N,N	NW	1.5ft.	7.5ft.	24.0	0.0	24.0	29	60	1441	Btul
6	2, Clear, 0.87, None,N,N	NW	1.5ft.	7.5ft.	54.0	0.0	54.0	29	60	3242	Btul
7 8	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btul
9	2, Clear, 0.87, None,N,N	SE	1.5ft.	7.5ft.	36.0	6.1	29.9	29	63	2045	
10	2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N	SE	7ft.	7.5ft.	13.3	13.3	0.0	29	63	385	
11	2, Clear, 0.87, None,N,N	SE	7ft. 1.5ft.	1.5ft. 5.5ft.	5.0	5.0	0.0	29	63	145	
12	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	15.0 20.0	6.1	8.9	29	63	734	
13	2, Clear, 0.87, None,N,N	SW	1.5ft.	5.5ft.	30.0	8.1 12.1	11.9	29	63	979	
	Window Total	344	1.511.	J.JIL.			17.9	29	63		Btuh
Walls			D. \ /		340 (17844	Btul
	Туре		K-Va		-Value	Area	(sqft)		HTM	Load	
1	Frame - Wood - Ext			13.0/0		127			2.1	2657	Btuh
2	Frame - Wood - Adj			13.0/0	0.09	244	70.77		1.5	368	Btuh
	Wall Total		1518 (sqft)							3025	Btuh
Doors	Type					Area	(sqft)		НТМ	Load	
1	Insulated - Adjacent					20	.0		9.8	196	Btuh
2	Insulated - Exterior					20	.0		9.8	196	
3	Insulated - Exterior					10.	.0		9.8	98	
	Door Total					5	0 (sqft)		1	490	Btuh
Ceilings	Type/Color/Surface		R-Va	lue		Area(HTM	Load	Dian
1	Vented Attic/DarkShingle			30.0		1860			1.7	- 1000 N 100	Btuh
	Ceiling Total					1860 (sqft)			1.7	3080	
Floors	Туре		R-Va	lue		Size			нтм	Load	Diun
1	Slab On Grade			0.0		224 (ft(p))			0.0		D1 1
li c	Floor Total			0.0		224.0 (sqft)			0.0	0	Btuh
						224.0	(sqit)			0	Btuh
						Zo	ne Enve	lope Su	btotal:	24439	Btuh
filtration	Туре		Α	СН		Volume	(cuft)		CFM=	Load	
	SensibleNatural			0.42		1488			104.2	1939	Btuh
nternal		C	ccup	ants	E	Stuh/occ	cupant	Aı	ppliance	Load	
gain				6	X				0	1380	Btul
uct load	Unsealed, R6.0, Supply(Attic),	Retur	n(Attio	c)			DGM =		0.0	Btul
							Sensible	e Zone i	Load	27758 E	3tuh

Manual J Summer Calculations

Residential Load - Component Details (continued)
Project Title: Class

Spec House

, FL

801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

1/24/2008

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	27758	Btuh
	Sensible Duct Load	0	Btuh
	Total Sensible Zone Loads	27758	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	27758	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	3807	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	. 0	Btuh
	Latent total gain	5007	Btuh
	TOTAL GAIN	32764	Btuh

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

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

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

(ExSh - Exterior shading device: none(N) or numerical value) (BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Spec House

, FL

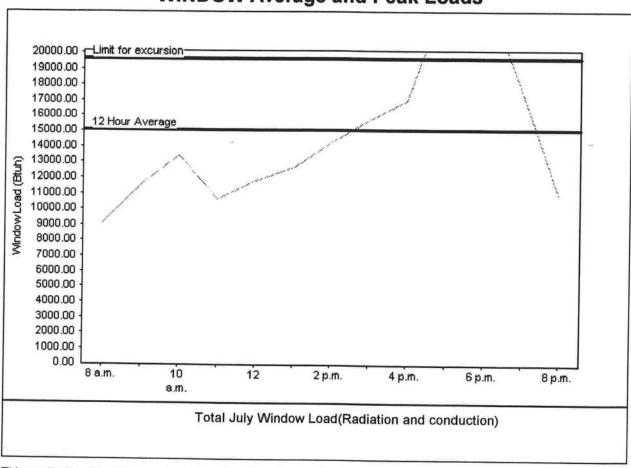
Project Title: 801242SparksConstructionInc

Class 3 Rating Registration No. 0 Climate: North

1/24/2008

Weather data for: Gainesville - De	faults		
Summer design temperature	92 F	Average window load for July	15100 Btu
Summer setpoint	75 F	Peak window load for July	24011 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	19630 Btu
Latitude	29 North	Window excursion (July)	4381 Btuh

WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY

DATE:

EnergyGauge® FLR2PB v4.1



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: 801242SparksConstructionInc Address: Lot: 6, Sub: Rolling Meadows, Plat: City, State: , FL Owner: Spec House Climate Zone: North	Builder: Permitting Office: Permit Number: Jurisdiction Number:
1. New construction or existing 2. Single family or multi-family 3. Number of units, if multi-family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor:	12. Cooling systems a. Central Unit b. N/A c. N/A 13. Heating systems a. Electric Heat Pump b. N/A c. N/A 14. Hot water systems a. Electric Resistance b. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
Glass/Floor Area: 0.18 Total as-built po	DACC

I hereby certify that the plans and specifications covered by
this calculation are in compliance with the Florida Energy
Code.
PREPARED BY: 120 Shift
DATE: 1-7-4-09
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.

COD WE TRUST

BUILDING OFFICIAL: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL,

PERMIT #:

	BASE					AS-	BU	ILT				
GLASS TYPES .18 X Condition Floor Are		SPM = F	Points	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	SP	мх	SOF	= Points
.18 1860.0)	20.04	6709.4	Double, Clear	sw	1.5	7.5	36.0	40.	16	0.93	1349.6
				Double, Clear	sw	12.0	7.5	54.0	40.	16	0.42	901.5
				Double, Clear	S	13.0	7.5	20.0	35.	87	0.46	328.6
				Double, Clear	SE	18.0	6.5	18.0	42.	75	0.38	292.0
l .				Double, Clear	SW	1.5	7.5	24.0	40.		0.93	899.7
				Double, Clear	SW	1.5	7.5	54.0	40.		0.93	2024.4
				Double, Clear	NW	1.5	5.5	15.0	25.9		0.91	355.2
				Double, Clear	NE	1.5	7.5	36.0	29.		0.95	1014.4
i				Double, Clear	NE	7.0	7.5	13.3	29.		0.60	235.7
				Double, Clear Double, Clear	NE	7.0	1.5	5.0	29.5		0.44	65.1
				Double, Clear	NE NE	1.5 1.5	5.5 5.5	15.0	29.5		0.91	401.5
				Double, Clear	SE	1.5	5.5	20.0 30.0	29.5 42.7		0.91	535.3 1104.3
				Boable, Oldar	OL.	1.5	0.0	30.0	72.	5	0.00	1104.5
				As-Built Total:				340.3			in .	9507.3
WALL TYPES	Area X	BSPM :	= Points	Туре		R-V	/alue	Area	Х	SPN	1 =	Points
Adjacent	244.0	0.70	170.8	Frame, Wood, Exterior			13.0	1273.7		1.50		1910.5
Exterior	1273.7	1.70	2165.3	Frame, Wood, Adjacent			13.0	244.0		0.60		146.4
Base Total:	1517.7		2336.1	As-Built Total:				1517.7				2056.9
DOOR TYPES	Area X	BSPM =	= Points	Туре				Area	Х	SPN	1 =	Points
Adjacent	20.0	1.60	32.0	Exterior Insulated				10.0		4.10		41.0
Exterior	30.0	4.10	123.0	Exterior Insulated				20.0		4.10		82.0
			A PERSONAL OF	Adjacent Insulated				20.0		1.60		32.0
Base Total:	50.0		155.0	As-Built Total:				50.0				155.0
CEILING TYPES	Area X	BSPM =	= Points	Туре	F	R-Value	e A	rea X S	SPM	x sc	:M =	Points
Under Attic	1860.0	1.73	3217.8	Under Attic		3	30.0	1860.0	1.73 >	(1.00		3217.8
Base Total:	1860.0		3217.8	As-Built Total:				1860.0				3217.8
FLOOR TYPES	Area X	BSPM =	Points	Туре		R-V	alue	Area	X	SPM	=	Points
Slab 2 Raised	24.0(p) 0.0	-37.0 0.00	-8288.0 0.0	Slab-On-Grade Edge Insulatio	n		0.0	224.0(p	-	41.20		-9228.8
Base Total:			-8288.0	As-Built Total:				224.0				-9228.8

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL, PERMIT #:

BASE	AS-BUILT
INFILTRATION Area X BSPM = Po	ints Area X SPM = Points
1860.0 10.21 189	90.6 1860.0 10.21 18990.6
Summer Base Points: 23120.9	Summer As-Built Points: 24698.8
Total Summer X System = Coolir Points Multiplier Point	
23120.9 0.4266 986	(sys 1: Central Unit 43000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 24699 1.00 (1.09 x 1.147 x 0.91) 0.263 1.000 7377.4 24698.8 1.00 1.138 0.263 1.000 7377.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL,

PERMIT #:

	BASE					AS-	BU	LT					
GLASS TYPES .18 X Conditi Floor A	oned X E	BWPM =	Points	Type/SC	Ov Ornt	erhang Len	Hgt	Area	x v	/PM	х	WOF	= Point
.18 186	0.0	12.74	4265.4	Double, Clear	sw	1.5	7.5	36.0	1	6.74		1.04	623.6
				Double, Clear	sw	12.0	7.5	54.0	1	6.74		1.84	1667.1
				Double, Clear	S	13.0	7.5	20.0	1	3.30		3.45	917.4
				Double, Clear	SE	18.0	6.5	18.0	1	4.71		2.65	701.5
				Double, Clear	SW	1.5	7.5	24.0	1	6.74		1.04	415.8
				Double, Clear	SW	1.5	7.5	54.0	1	6.74		1.04	935.5
				Double, Clear	NW	1.5	5.5	15.0	2	4.30		1.00	365.9
				Double, Clear	NE	1.5	7.5	36.0	2	3.57		1.00	850.8
				Double, Clear	NE	7.0	7.5	13.3	2	3.57		1.04	326.8
				Double, Clear	NE	7.0	1.5	5.0	2	3.57		1.06	125.1
				Double, Clear	NE	1.5	5.5	15.0	2	3.57		1.01	356.3
				Double, Clear	NE	1.5	5.5	20.0	2	3.57		1.01	475.1
				Double, Clear	SE	1.5	5.5	30.0	1	4.71		1.11	491.5
				As-Built Total:				340.3					8252.4
WALL TYPES	Area X	BWPM	= Points	Туре		R-V	/alue	Are	a X	W	PM	=	Points
Adjacent	244.0	3.60	878.4	Frame, Wood, Exterior			13.0	1273.7		3	40		4330.6
Exterior	1273.7	3.70	4712.7	Frame, Wood, Adjacent			13.0	244.0			30		805.2
Base Total:	1517.7		5591.1	As-Built Total:				1517.7					5135.8
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	ı X	WF	PM	=	Points
Adjacent	20.0	8.00	160.0	Exterior Insulated				10.0		8.	40		84.0
Exterior	30.0	8.40	252.0	Exterior Insulated				20.0		8.4			168.0
				Adjacent Insulated				20.0		8.0			160.0
Base Total:	50.0		412.0	As-Built Total:				50.0					412.0
CEILING TYPE	SArea X	BWPM	= Points	Туре	R-	-Value	Ar	ea X V	VPN	1 X V	VCI	и =	Points
Under Attic	1860.0	2.05	3813.0	Under Attic		:	30.0	1860.0	2.05	5 X 1.0	00		3813.0
Base Total:	1860.0		3813.0	As-Built Total:				1860.0					3813.0
FLOOR TYPES	Area X	BWPM	= Points	Туре		R-V	alue	Area	аΧ	WF	M	=	Points
Slab Raised	224.0(p) 0.0	8.9 0.00	1993.6 0.0	Slab-On-Grade Edge Insulation	n		0.0	224.0(p		18.8	30		4211.2
Base Total:			1993.6	As-Built Total:				224.0					4211.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL, PERMIT #:

	BASE	AS-BUILT											
INFILTRATION	Area X BWP	M = Points							Area	Х	WPM	=	Points
	1860.0 -0.5	9 -1097.4							1860	0.0	-0.59		-1097.4
Winter Base	Points:	14977.6	Winter As	s-Bui	ilt P	oin	ts:					20	727.0
Total Winter X Points	System = Multiplier	Heating Points	Total Component (System - Po	R	Ratio		Duct Multiplie x DSM x /	er	System Multiplier		Credit Multiplie	= r	Heating Points
14977.6	0.6274	9397.0	(sys 1: Electri 20727.0 20727.0	1			00 btuh ,E 69 x 1.169 1.162	x 0.93		c(S),	Unc(R),Int(/ 1,000 1.000	1	R6.0 0397.7)397.7

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL, PERMIT #:

	Е	BASE				AS-BUILT									
WATER HEA Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	x	Tank X Ratio	Multiplier X	Credit Multipli	= Total er			
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67	1.00	7820.0			
in the second					As-Built To	tal:						7820.0			

	CODE COMPLIANCE STATUS												
BASE				AS-BUILT									
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
9863		9397		7905		27165	7377		10398		7820		25595

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Rolling Meadows, Plat: , , FL, PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.3

The higher the score, the more efficient the home.

Spec House, Lot: 6, Sub: Rolling Meadows, Plat: , , FL,

1.	New construction or existing	New	1	2. Cooling systems		
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 43.0 kBtu/hr	
3.	Number of units, if multi-family	1	_	13701. T 1070 T 170 T 170 T	SEER: 13.00	
4.	Number of Bedrooms	3		b. N/A	DDDIC 15.00	_
5.	Is this a worst case?	Yes				_
6.	Conditioned floor area (ft²)	1860 ft ²		c. N/A		_
7.	Glass type 1 and area: (Label reqd.		_			_
a.	U-factor:	Description Area	1	3. Heating systems		_
	(or Single or Double DEFAULT)			a. Electric Heat Pump	Cap: 43.0 kBtu/hr	
b.	SHGC:	(2011 2011011) 21012 11	_	And the second s	HSPF: 7.90	_
	(or Clear or Tint DEFAULT)	7b. (Clear) 340.3 ft ²		b. N/A		_
8.	Floor types	(01011) 5 1015 11	_			_
a.	Slab-On-Grade Edge Insulation	R=0.0, 224.0(p) ft		c. N/A		
b.	N/A					_
c.	N/A		1	4. Hot water systems		_
9.	Wall types			a. Electric Resistance	Cap: 40.0 gallons	
a.	Frame, Wood, Exterior	R=13.0, 1273.7 ft ²			EF: 0.93	
b.	Frame, Wood, Adjacent	R=13.0, 244.0 ft ²		b. N/A		
c.	N/A					-
d.	N/A			c. Conservation credits		-
e.	N/A		5-34	(HR-Heat recovery, Solar		
10.	Ceiling types		50-50	DHP-Dedicated heat pump)		
a.	Under Attic	R=30.0, 1860.0 ft ²	1:	5. HVAC credits		
b.	N/A		_	(CF-Ceiling fan, CV-Cross ventilation,		_
c.	N/A		_	HF-Whole house fan,		
11.	Ducts			PT-Programmable Thermostat,		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 170.0 ft	_	MZ-C-Multizone cooling,		
b.	N/A		_	MZ-H-Multizone heating)		
				i riconii.		
I cer	rtify that this home has compli	ed with the Florida Energ	y Efficie	ncy Code For Building		
Con	struction through the above en	nergy saving features which	ch will be	installed (or exceeded)	OF THE STATE	à.
	nis home before final inspection				13/000 100	B
	ed on installed Code compliant		Display	cara win oc completed	S A L	S.
Buil	der Signature:		Date: _		S CALL	DA
Add	ress of New Home:		City/FL	Zip:	GOD WE TRUST	

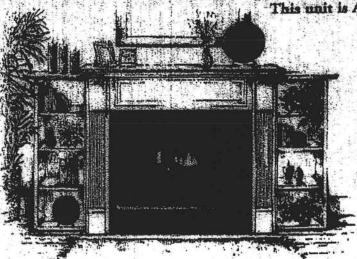
*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is <u>not</u> a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStdTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives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

VENTEREE

This unit is A.G.A. certified as a heater with 99% heat efficiency No chimney or flife system required Wide selection of factory installed options offered

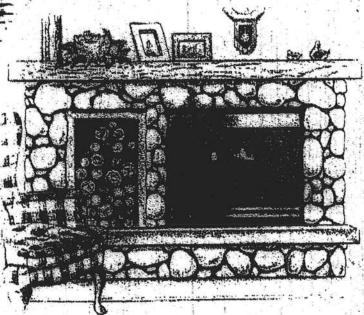
VF-4000

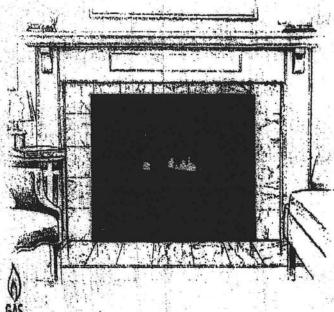
- 14,000 25,000 Bru/hr with manual control valve
- 19,500 25,000 Btu/hr with millivolt control valve
- · Fully assembled and ready to install
- · Artractive wood surrounds available
- 15" x 30" fixed or operable screen opening



VF-5000

- · 25,000 Bru/hr milliyolt variable heat output
- 15" X 30" glass or screen viewing area
- · Clean burning, safe and easy to install
- · Realistic charred oak logs with glowing embers



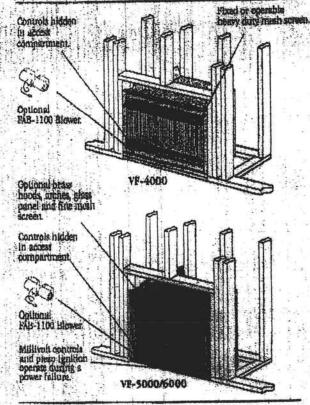


VF-6000

- * 32,000 Bruthe millivolt variable heat output
- · Beauciful 20" X 34" glass or screen viewing area
- · Will operate during a power failure
- · Designed for large rooms



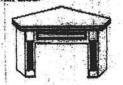
15-4()()()/5()()()/(5()()() VP-6000 shown



SURROUNDS

The Charleston Poplar Surround is hand crafted using a combination of solid Poplar and Poplar veneer. Using the unique wood type of Poplar allows you the option to paint or stain this elegantly detailed surround. The surround is constructed using easy to assemble cam locks, and svallable in corner and wall units.





Distributed by:



Refractory ten brick panels

Gas Bex liner kit.





Brase Louver Kit (For VF-4 only)





(For VP-5 & VP6 only)

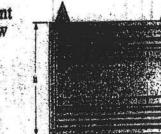




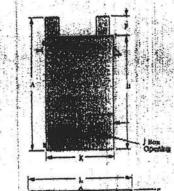
Wall switch or optional wireless remote available



Front



View



& Free Product Dimensions

1 VP-4000/5000C	VP-6000C
CONTROL OF THE SELECTION	3000 4 32 1/8
	36-5/8"
the second of the second second	建成的 4、20 5
第一次 	M. Her
	allen of the
9 9972	3-1/2*
	THE RESERVED BY THE SECOND
14	3-3/4"
	81/2
	property of the state
Electrical Property of the Control o	28-1/2"
£ 27	10.115

Btu Chart

Model	Natural	Propane
VF-4000 smanal	14,000 - 25,000	14,000 - 25,000
VE-4000/5000 mulivok	The second of th	The same of the last of the la
		25,000 - 32,000

Model	Width	Height	Depth
VF-4000/5000	37"	37-1/4"	15-1/2
VF-6000	41"	42-3/8"	19-1/2"

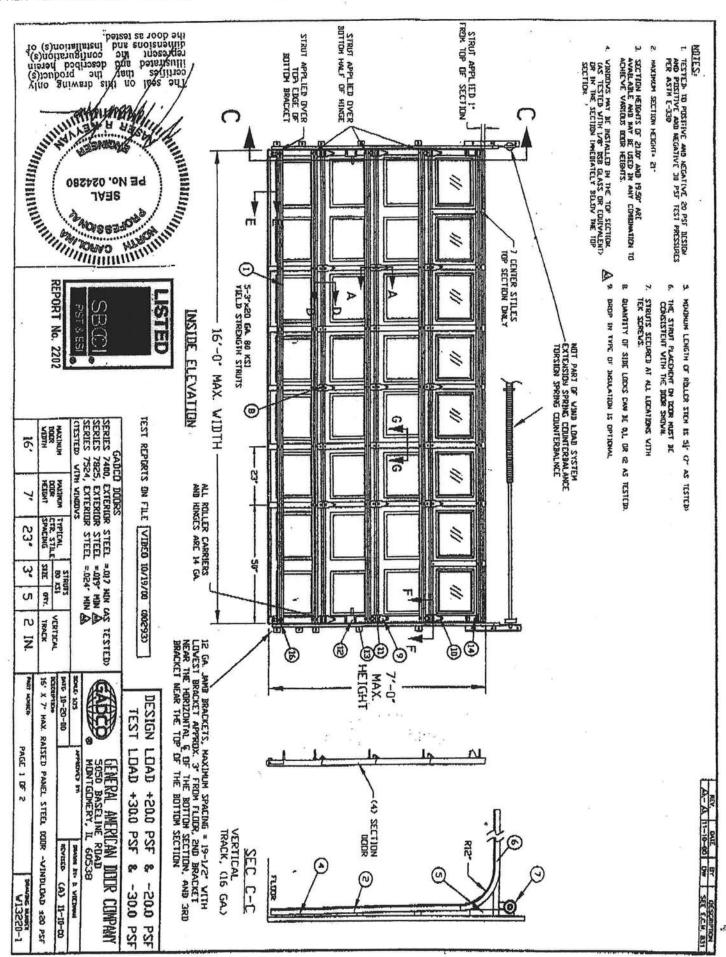
agrams and illustrations are not at scale. Product designs rate, dimensions, specifications, cokers limit prices subject to ge of discontinuation without police. Bulk to ANSI 221.11.2 and and approved by A.G.A. (report # 12970017).

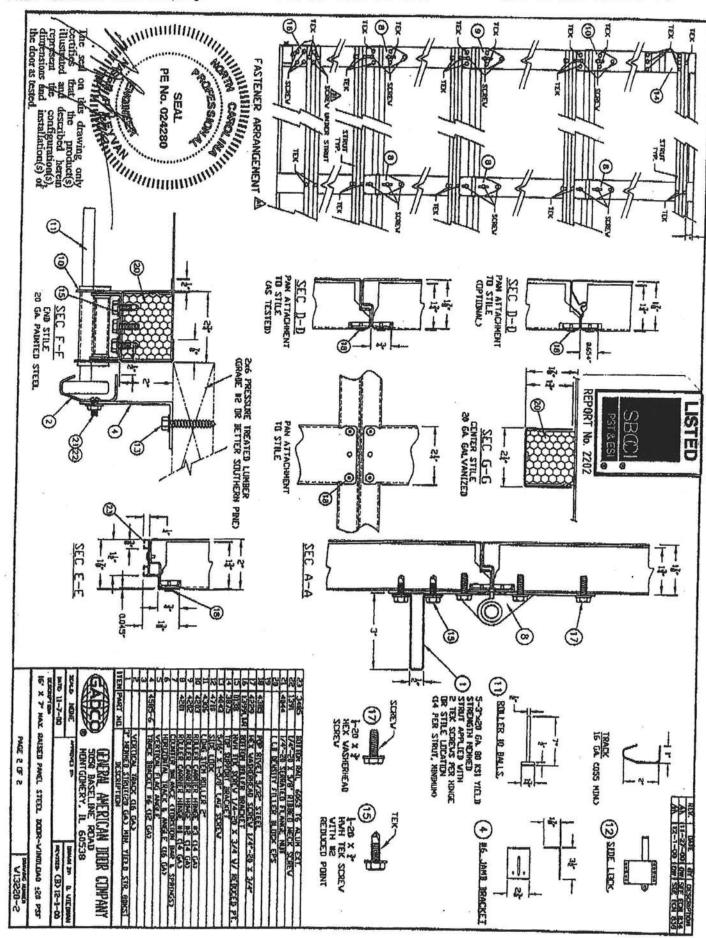
Consult your distributor for local fireplace code information.



www.LennoxNearthProducts.com

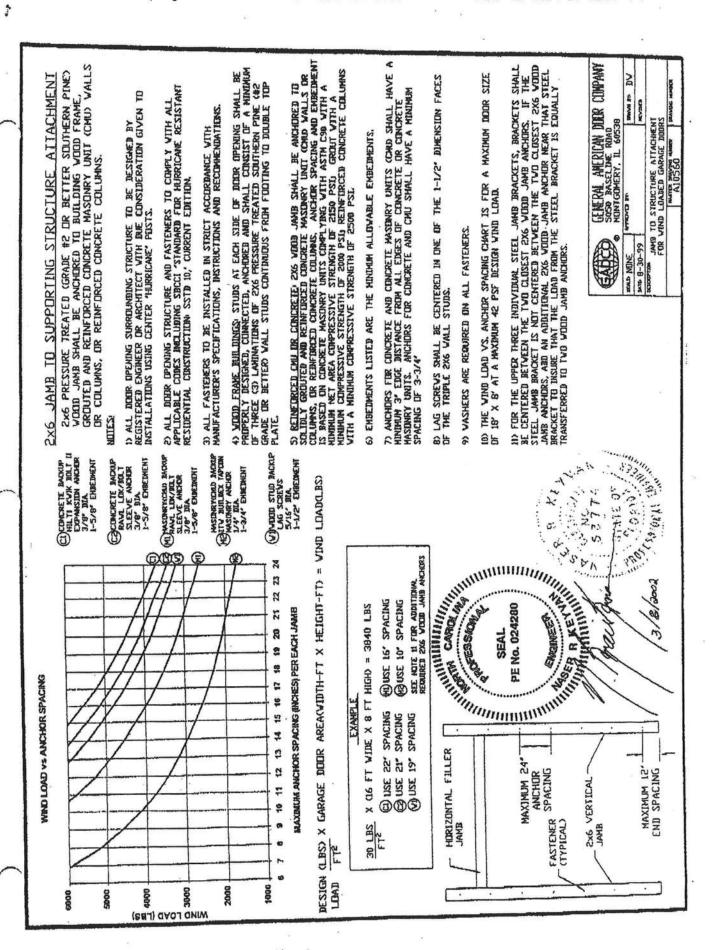
Printed in U.S.A. ©2001 Lennox Hearth Products • 1110 West Taft Ave., Orange, CA 92865-4150 tennox Hearth Products Direct Vent hotter gated gas appliances include a 20-year limited warrancy.





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2











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Community Affairs

Product Approval
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► COMMUNITY PLANNING

► HOUSING & COMMUNITY

DEVELOPMENT

► EMERGENCY

MANAGEMENT

FL #

OFFICE OF THE

Comments

Archived

Application Type
Code Version
Application Status

FL1956-R1 Revision 2004 Approved

Product Manufacturer Address/Phone/Email

TAMKO Building Products, Inc. PO Box 1404
Joplin, MO 64802
(800) 641-4691 ext 2394
fred_oconnor@tamko.com

Authorized Signature

Frederick O'Connor fred_oconnor@tamko.com

Technical Representative Address/Phone/Email

Frederick J. O'Connor
PO Box 1404
Joplin, MO 64802
(800) 641-4691
fred_oconnor@tamko.com

Quality Assurance Representative

Address/Phone/Email

Category

Subcategory

Roofing

Asphalt Shingles

Compliance Method

Certification Mark or Listing

Certification Agency

Underwriters Laboratories Inc.

Referenced Standard and Year (of Standard)

Standard

ASTM D 3462

Year 2001

Equivalence of Product Standards Certified By

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated

06/09/2005

Date Pending FBC Approval Date Approved

06/25/2005 06/29/2005

Summary of Products

Model, Number or Name
Model, Number or Na
Number or Na
or Na
me
Description

slopes of 2:12 or greater. Not approved for use in HVHZ.

Next Back DCA Administration

Department of Community Affairs Florida Building Code Online Codes and Standards

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436
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Product Approval Accepts:









2/14/2007 11:22 AN





Horthbrook Division

333 Pfrigster Road Northarook, 1, 60062-2096 USA www.if.com lat. 1, 847, 272, 8600

June 17, 2005

Tamko Roofing Products Ms. Kerri Eden P.O. Box 1404 220 W. 4th Street Joplin, MO 64802-1404

Our Reference: R2919

This is to confirm that "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage 50 AR", "Glass-Seal AR" manufactured at Tuscaloosa, AL and "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage XL AR", "Heritage 50 AR" manufactured at Frederick, MD and "Heritage 30 AR", "Heritage XL AR", and "Heritage 50 AR" manufactured in Dallas, TX are UL Listed asphalt glass mat shingles and have been evaluated in accordance with ANSI/UL 790, Class A (ASTM E108), ASTM D3462, ASTM D3161 or UL 997 modified to 110 mph when secured with four nails.

Let me know if you have any further questions.

Very truly yours,

Alpesh Patel (Ext. 42522)

Engineer Project

Fire Protection Division

Reviewed by,

Randall K. Laymon (Ext. 42687)

Engineer Sr Staff

Fire Protection Division



Application Instructions for

• **HERITAGE® VINTAGE™ AR** – Phillipsburg, KS **LAMINATED ASPHALT SHINGLES**

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

I. ROOF DECK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of the American Plywood Association.

SHEATHING BOARDS; Boards shall be well-seasoned tongue-andgroove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

TAMKO does not recommend re-roofing over existing roof.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

- 1. Vapor Condensation
- 2. Buckling of shingles due to deck movement.
- 3. Rotting of wood members.
- Premature failure of roof.

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents. FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VEN-TILATION.

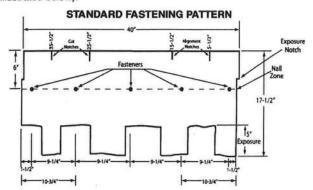
3. Fasteners

WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, this will result in the termination of TAMKO's liabilities under the limited warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable miles per hour as stated in the limited warranty. See limited warranty for details.

FASTENING PATTERNS: Fasteners must be placed 6 in. from the top edge of the shingle located horizontally as follows:

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1-1/2 in. back from each end, one 10-3/4 in. back from each end and one 20 in. from one end of the shingle for a total of 5 fasteners. (See standard fastening pattern illustrated below).



2) Mansard or Steep Slope Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) Use standard nailing instructions with four additional nails placed 6 in. from the butt edge of the shingle making certain nails are covered by the next (successive) course of shingles.

Visit Our Web Site at www.tamko.com Central District Northeast District Southeast District Southwest District Western District 220 West 4th St., Joplin, MO 64801 4500 Tamko Dr., Frederick, MD 21701 2300 35th St., Tuscaloosa, AL 35401 7910 S. Central Exp., Dallas, TX 75216 5300 East 43rd Ave., Denver, CO 80216 800-641-4691 800-368-2055 800-228-2656 800-443-1834

800-530-8868

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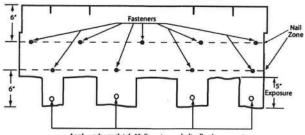


(CONTINUED from Pg. 1)

• **HERITAGE® VINTAGE™ AR** – Phillipsburg, KS **LAMINATED ASPHALT SHINGLES**

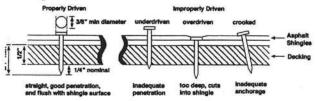
Each shingle tab must be sealed underneath with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a \$.25 piece and applied to shingles with a 5 in. exposure, use 9 fasteners per shingle.

MANSARD FASTENING PATTERN



Apply under each tab 1° diameter asphalt adhesive cement.

NAILS: TAMKO recommends the use of nails as the preferred method of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12 gauge wire, and a minimum head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in. Into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.



4. UNDERLAYMENT

UNDERLAYMENT: An underlayment consisting of asphalt saturated felt must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles and leaks which are not covered by TAMKO's limited warranty. Apply the felt when the deck is dry. On roof decks 4 in. per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the underlayment felt may be adversely affected by moisture and weathering. Laying of the underlayment and the shingle application must be done together.

Products which are acceptable for use as underlayment are:

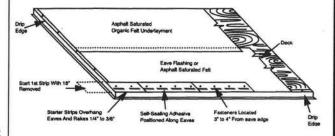
- TAMKO No. 15 Asphalt Saturated Organic Felt
- A non-perforated asphalt saturated organic felt which meets ASTM: D226, Type I or ASTM D4869, Type I
- Any TAMKO <u>non-perforated</u> asphalt saturated organic felt
- TAMKO TW Metal and Tile Underlayment, TW Underlayment and Moisture Guard Plus® (additional ventilation maybe required. Contact TAMKO's technical services department for more information)

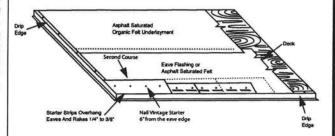
In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus® waterproofing underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information. TAMKO does not recommend the use of any substitute products as shingle underlayment.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: Two starter course layers must be applied prior to application of Heritage Vintage AR Shingles.

The first starter course may consist of TAMKO Shingle Starter, three tab self-sealing type shingles or a 9 inch wide strip of mineral surface roll roofing. If three tab self-sealing shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves. If using three tab self-sealing shingles or shingle starter, remove 18 in. from first shingle to offset the end joints of the Vintage Starter. Attach the first starter course with approved fasteners along a line parallel to and 3 in. to 4 in. above the eave edge. The starter course should overhang both the eave and rake edge 1/4 in. to 3/8 in. Over the first starter course, install Heritage Vintage Starter AR and begin at the left rake edge with a full size shingle and continue across the roof nailing the Heritage Vintage Starter AR along a line parallel to and 6 in. from the eave edge.





Note: Do not allow Vintage Starter AR joints to be visible between shingle tabs. Cutting of the starter may be required.

HERITAGE VINTAGE STARTER AR 12 1/2" x 36" 20 PIECES PER BUNDLE 60 LINEAL FT. PER BUNDLE

(Continued)

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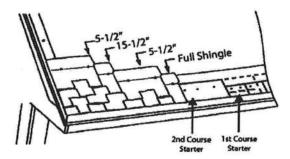
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(CONTINUED from Pg. 2)

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS LAMINATED ASPHALT SHINGLES

SHINGLE APPLICATION: Start the first course at the left rake edge with a full size shingle and overhang the rake edge 1/4 in. to 3/8 in.. To begin the second course, align the right side of the shingle with the 5-1/2 in. alignment notch on the first course shingle making sure to align the exposure notch. (See shingle illustration on next page) Cut the appropriate amount from the rake edge so the overhang is 1/4" to 3/8". For the third course, align the shingle with the 15-1/2 in. alignment notch at the top of the second course shingle, again being sure to align the exposure notch. Cut the appropriate amount from the rake edge. To begin the fourth course, align the shingle with the 5-1/2 in. alignment notch from the third course shingle while aligning the exposure notch. Cut the appropriate amount from the rake edge. Continue up the rake in as many rows as necessary using the same formula as outlined above. Cut pieces may be used to complete courses at the right side. As you work across the roof, install full size shingles taking care to align the exposure notches. Shingle joints should be no closer than 4 in.



6. LOW SLOPE APPLICATION

On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of underlayment. Begin by applying the underlayment in a 19 in. wide strip along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the laps of the entire underlayment to each other with plastic cement from eaves and rakes to a point of a least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

7. VALLEY APPLICATION

TAMKO recommends an open valley construction with Heritage Vintage AR shingles.

To begin, center a sheet of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment in the valley.

After the underlayment has been secured, install the recommended corrosion resistant metal (26 gauge galvanized metal or an equivalent) in the valley. Secure the valley metal to the roof deck. Overlaps should be 12" and cemented.

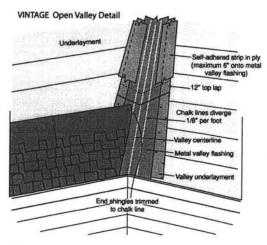
Following valley metal application; a 9" to 12" wide strip of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment should be applied along the edges of the metal valley flashing (max. 6" onto metal valley flashing) and on top of the valley underlayment. The valley will be completed with shingle application.

SHINGLE APPLICATION INSTRUCTIONS (OPEN VALLEY)

- Snap two chalk lines, one on each side of the valley centerline over the full length of the valley flashing. Locate the upper ends of the chalk lines 3" to either side of the valley centerline.
- The lower end should diverge from each other by 1/8" per foot.
 Thus, for an 8' long valley, the chalk lines should be 7" either side of the centerline at the eaves and for a 16' valley 8".

As shingles are applied toward the valley, trim the last shingle in each course to fit on the chalk line. Never use a shingle trimmed to less than 12" in length to finish a course running into a valley. If necessary, trim the adjacent shingle in the course to allow a longer portion to be used.

- Clip 1" from the upper corner of each shingle on a 45° angle to direct water into the valley and prevent it from penetrating between the courses.
- Form a tight seal by cementing the shingle to the valley lining with a 3" width of asphalt plastic cement (conforming to ASTM D 4586).



· CAUTION:

Adhesive must be applied in smooth, thin, even layers.

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.

(Continued)

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05/06



(CONTINUED from Pg. 3)

• **HERITAGE® VINTAGE™ AR** – Phillipsburg, KS LAMINATED ASPHALT SHINGLES

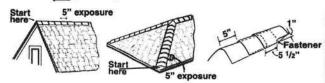
8. HIP AND RIDGE PASTENING DETAIL

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener on each side, 5-1/2 in. back from the exposed end and 1 in. up from the edge. TAMKO recommends the use of TAMKO Heritage Vintage Hip & Ridge shingle products.

Fasteners should be 1/4 in. longer than the ones used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLE IN COLD WEATHER.

Direction of prevailing wind



THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

TAMKO®, Moisture Guard Plus®, Nail Fast® and Heritage® are registered trademarks and Vintage™ is a trademark of TAMKO Building Products, Inc.

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COMMUNITY PLANNING EMERGENCY MANAGEMENT HOUSING & COMMUNITY DEVELOPMENT OFFICE OF THE

Application Status Application Type Archived Comments Code Version 2004 New Approved FL5108

Address/Phone/Email **Product Manufacturer** 650 W Market St MI Windows and Doors

surich@miwd.com Gratz, PA 17030 (717) 365-3300 ext 2101

surich@miwd.com Steven Urich

Technical Representative Address/Phone/Email

Window

Authorized Signature

Address/Phone/Email Quality Assurance Representative

1 of 9





AAMA CERTIFICATION PROGRAM



AUTHORIZATION FOR PRODUCT CERTIFICATION

MI Windows & Doors, Inc. P.O. Box 370 Gratz, PA 17030-0370

Attn: Bit Emley

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

1. The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION						
AAMA/NWWOA 101/LS, 2-97 H-R55*-36x62	RECORD OF PRODUCT TESTED					
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM	NO.		
MI Windows & Doors, Inc. (Oklamar, FL) MI Windows & Doors, Inc. (Smyrna, TN)	MTL-8 MTL-9	185/3185 SH (Fin) (AL)(O/A)(OG) (ASTM)	FRAME 30' x 5'2"	<u>SASH</u> 210° x 27°	By Request	

- This Certification will expire <u>May 14, 2008</u> and requires validation until then by continued listing in the current AAMA Certified Products Directory.
- 3. Product Tested and Reported by: Architectural Testing, Inc.

Report No.: 01-50360.02

Date of Report: June 14, 2004

NOTE: PLEASE REVIEW, AND ADVISE ALI IMMEDIATELY IF DATA, AS SHOWN, NEEDS CORRECTION.

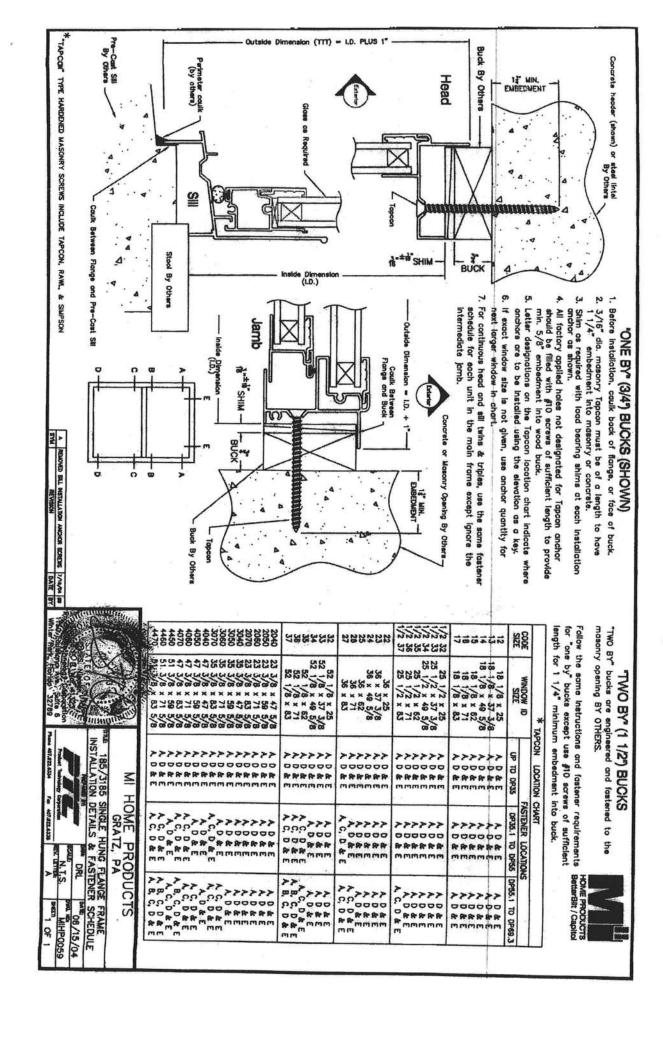
Date: August 1, 2005

CC: AAMA JGS/df ACP-04 (Rev. 5/03) Validated for Certification:

Associated Laboratories, Inc.

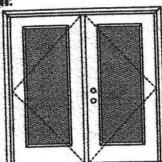
Authorized for Cartification:

American Architectural Manufacturers Association



WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door

Design Pressure +40.5/-40.5

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact registered requirement state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed -- see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed -- see MID-WL-MA0002-02.

APPROVED DOOR STYLES: 1/4 GLASS:











1/2 GLASS:













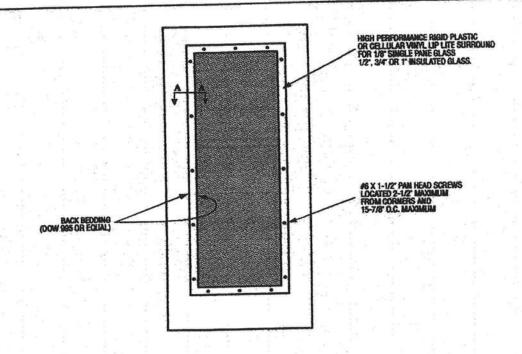


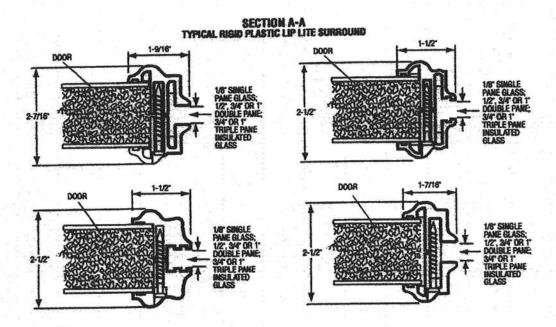


*This glass kit may also be used in the following door styles: 5-panel; 6-panel with acroll; Eyebrow 5-panel; Eyebrow 5-panel with acroll.



GLASS INSERT IN DOOR OR SIDELITE PANEL







WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:

















CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of stab filled with rigid polyurethane foam core. Stab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO PA202

> COMPANY NAME CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer Kurt Balthazor, P.E. – License Number 56533

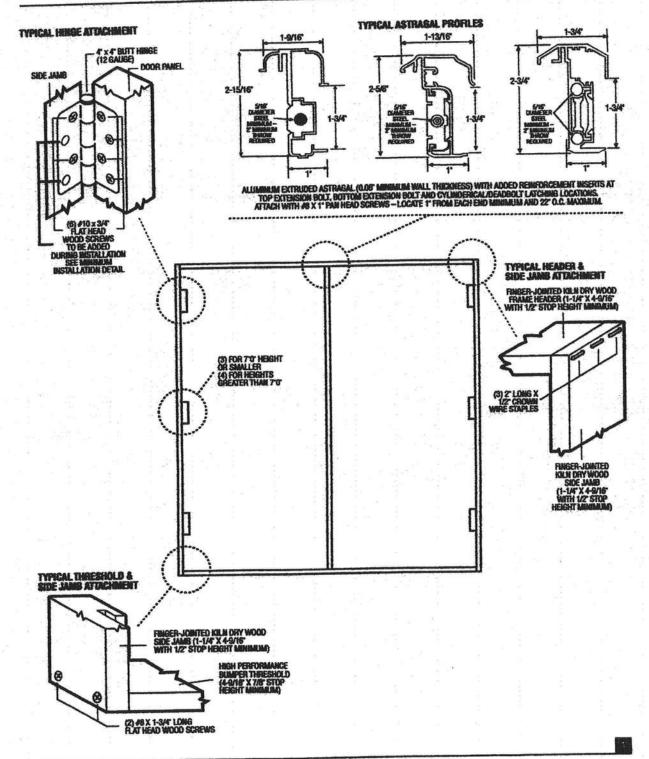
Johnson EntrySystems

March 29, 2002
Our confusing program of product improvement routes specifications, cissign and product engineering treates.



MAD-WL-MA0012-02

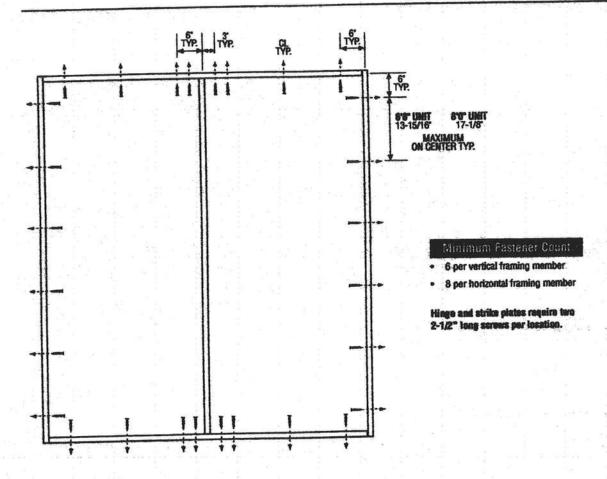
OUTSWING UNITS WITH DOUBLE DOOR



March 29, 2002 Our controlog program of product improvement malors specialization during and product datall unlight to change without notice.



DOUBLE DOOR



Latching Hardware:

Compliance requires that GRADE 2 or better (ANSI/BHIMA A156.2) cylinderical and deadlock hardware be installed.

- 1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
- The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade Country approvals respectively, each with minimum 1-1/4" embedment.
- 3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

