Curry

① Egress window Bedroom #3 All Bedrooms

✓ ② Buildings height

✓ ③ GFI - Kitchen countertops

✓ ④ AFCI Bedrooms

✓ ⑤ GFI Bathrooms

✓ ⑥ Protection of water heater

✓ ⑦ Smoke ~~detectors~~ detectors

~~⑧ Smoke specs~~

✓ ⑨ Door specs

✓ ⑩ Garage door specs

⑪ N.O.C.

⑫ well info
(No Bladder tank)

Floor Area 1391 sq. ft. - Heated

Talked with Mr. Curry 1918 sq. ft. - TOTAL
8/9/04 1:55 pm

4/12 Roof Pitch

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.
1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS; Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☒	☑	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☑	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	**Site Plan Including:** B/C a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☑	**Wind-load Engineering Summary, calculations and any details required** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☑	**Elevations Including:**
☒	☑	a) All sides
☒	☑	b) Roof pitch
☒	☑	c) Overhang dimensions and detail with attic ventilation
☐	☐	d) Location, size and height above roof of chimneys N/A
☐	☐	e) Location and size of skylights
☐	☐	f) Building height ?
☐	☑	e) Number of stories

Floor Plan including:

- ☒ ☐ a) Rooms labeled and dimensioned
- ☐ ☐ b) Shear walls
- ☒ ☐ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- ☐ ☐ N/A d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☐ ☐ N/A e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☒ ☐ f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- ☒ ☐ a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- ☐ ☐ b) All posts and/or column footing including size and reinforcing
- ☐ ☐ c) Any special support required by soil analysis such as piling
- ☒ ☐ d) Location of any vertical steel

Roof System:

- ☒ ☐ a) Truss package including:
  1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
  2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- ☐ ☐ N/A b) Conventional Framing Layout including:
  1. Rafter size, species and spacing
  2. Attachment to wall and uplift
  3. Ridge beam sized and valley framing and support details
  4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- ☒ ☐ a) Masonry wall
  1. All materials making up wall
  2. Block size and mortar type with size and spacing of reinforcement
  3. Lintel, tie-beam sizes and reinforcement
  4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
  5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
  6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
  7. Fire resistant construction (if required)
  8. Fireproofing requirements
  9. Shoe type of termite treatment (termicide or alternative method)
  10. Slab on grade
      a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
      b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
  11. Indicate where pressure treated wood will be placed
  12. Provide insulation R value for the following:
      a. Attic space
      b. Exterior wall cavity
      c. Crawl space (if applicable)

☐ ☐ **b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
    a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☒ ☐ **Plumbing Fixture layout**

Electrical layout including:

☒ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☒ ☑ b) Ceiling fans

☒ ☐ c) Smoke detectors

☒ ☑ d) Service panel and sub-panel size and location(s)

☒ ☐ e) Meter location with type of service entrance (overhead or underground)

☒ ☑ f) Appliances and HVAC equipment

☒ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

☒ ☑ a) Manual J sizing equipment or equivalent computation

☒ ☑ b) Exhaust fans in bathroom

☒ ☑ **Energy Calculations** (dimensions shall match plans)

☐ ☐ **Gas System** Type (LP or Natural) Location and BTU demand of equipment

☒ ☑ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done

☒ ☑ **Private Potable Water**

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

RIGHT-J LOAD AND EQUIPMENT SUMMARY
Entire House
LARRY RESMONDO A/C

Job: CURRY 07/08/2004

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386/454-4433 Fax: 386/454-8843

Project Information

For: HUBERT CURRY
5862 SW HERLONG ST, FORT WHITE, FL 32038
Phone: 386/755-2131

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	30 °F
Inside db	70 °F
Design TD	40 °F

Summer Design Conditions

Outside db	97 °F
Inside db	75 °F
Design TD	22 °F
Daily range	M
Relative humidity	50 %
Moisture difference	56 gr/lb

Heating Summary

Building heat loss	22804 Btuh
Ventilation air	0 cfm
Ventilation air loss	0 Btuh
Design heat load	22804 Btuh

Sensible Cooling Equipment Load Sizing

Structure	22093 Btuh
Ventilation	0 Btuh
Design temperature swing	3.0 °F
Use mfg. data	n
Rate/swing multiplier	1.02
Total sens. equip. load	22535 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1375	1375
Volume (ft³)	11688	11688
Air changes/hour	1.0	0.5
Equiv. AVF (cfm)	195	98

Latent Cooling Equipment Load Sizing

Internal gains	1380 Btuh
Ventilation	0 Btuh
Infiltration	3749 Btuh
Total latent equip. load	5129 Btuh
Total equipment load	27664 Btuh

Heating Equipment Summary

Make RUUD
Trade Ruud Heat Pump
UPKA-030JA

Efficiency	7.5 HSPF
Heating input	0 Btuh
Heating output	0 Btuh
Heating temp rise	0 °F
Actual heating fan	1000 cfm
Heating air flow factor	0.044 cfm/Btuh
Space thermostat	DIGITAL

Cooling Equipment Summary

Make RUUD
Trade Ruud Heat Pump
UPKA-030JA
UBHA-17+RCBA-3765

Efficiency	10.2 SEER
Sensible cooling	20440 Btuh
Latent cooling	8760 Btuh
Total cooling	29200 Btuh
Actual cooling fan	1000 cfm
Cooling air flow factor	0.045 cfm/Btuh
Load sensible heat ratio	81 %

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

RIGHT-J BUILDING ANALYSIS REPORT
Entire House
LARRY RESMONDO A/C

Job: CURRY 07/08/2004

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386/454-4433 Fax: 386/454-8843

Project Information

For: HUBERT CURRY
5862 SW HERLONG ST, FORT WHITE, FL 32038
Phone: 386/755-2131

Design Information

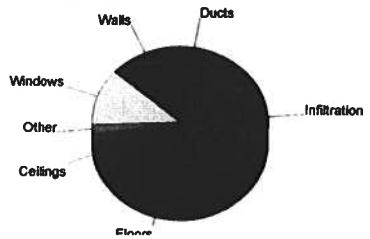
	Htg	Clg
Outside db (°F)	30	97
Inside db (°F)	70	75
Design TD (°F)	40	22
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	56

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

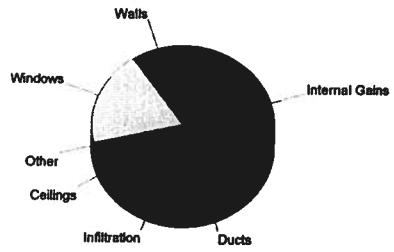
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	2.8	3101	13.6
Windows	15.6	2753	12.1
Doors	7.6	439	1.9
Ceilings	1.3	1815	8.0
Floors	32.4	5022	22.0
Infiltration	36.7	8588	37.7
Ducts		1086	4.8
Total		**22804**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	1.9	2079	9.4
Windows	24.3	4275	19.4
Doors	4.9	281	1.3
Ceilings	1.5	2087	9.4
Floors	0.0	0	0.0
Infiltration	10.1	2362	10.7
Ducts		2008	9.1
Internal gains		9000	40.7
Total		**22093**	**100.0**



Cooling at 81 % SHR = 2.3 ton
Cooling at 70 % SHR = 2.7 ton

Cooling air flow = 434 cfm/ton
Cooling at 400 cfm/ton = 2.5 ton

Overall U-Value = 0.118 Btuh/ft²-°F

Data entries checked.

RIGHT-J SHORT FORM
Entire House

LARRY RESMONDO A/C

Job: CURRY 07/08/2004

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386/454-4433 Fax: 386/454-8843

Project Information

For: HUBERT CURRY
5862 SW HERLONG ST, FORT WHITE, FL 32038
Phone: 386/755-2131

Design Information

	Htg	Clg
Outside db (°F)	30	97
Inside db (°F)	70	75
Design TD (°F)	40	22
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	56

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make RUUD
Trade Ruud Heat Pump
UPKA-030JA

Efficiency	7.5 HSPF	
Heating input	0	Btuh
Heating output	0	Btuh
Heating temperature rise	0	°F
Actual heating fan	1000	cfm
Heating air flow factor	0.044	cfm/Btuh
Space thermostat	DIGITAL	

COOLING EQUIPMENT

Make RUUD
Trade Ruud Heat Pump
UPKA-030JA
UBHA-17+RCBA-3765

Efficiency	10.2 SEER	
Sensible cooling	20440	Btuh
Latent cooling	8760	Btuh
Total cooling	29200	Btuh
Actual cooling fan	1000	cfm
Cooling air flow factor	0.045	cfm/Btuh
Load sensible heat ratio	81	%

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
ENTIRE RESIDENCE	1375	22804	22093	1000	1000
Entire House d	1375	22804	22093	1000	1000
Ventilation air		0	0		
Equip. @ 1.02 RSM			22535		
Latent cooling			5129		
TOTALS	1375	22804	27664	1000	1000

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RIGHT-J WORKSHEET
Entire House
LARRY RESMONDO A/C

Job: CURRY 07/08/2004

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386/454-4433 Fax: 386/454-8843

MANUAL J: 7th Ed.

						Entire House 155.0 ft			ENTIRE RESIDENCE 155.0 ft								
1	Name of room																
2	Length of exposed wall								50.0 x 27.5 ft								
3	Room dimensions					8.5 ft		d	8.5 ft	heat/cool							
4	Ceilings	Condit. Option															
	TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area	Htg	Clg	Area	Htg	Clg
5	Gross Exposed walls and partitions	a	12D	3.2	2.0	1046	****	****	1046	****	****		****	****		****	****
		b	13D	1.6	1.4	281	****	****	281	****	****		****	****		****	****
		c		0.0	0.0	0	****	****	0	****	****		****	****		****	****
		d		0.0	0.0	0	****	****	0	****	****		****	****		****	****
		e		0.0	0.0	0	****	****	0	****	****		****	****		****	****
		f		0.0	0.0	0	****	****	0	****	****		****	****		****	****
6	Windows and glass doors Heating	a	3E	16.0	**	62	990	****	62	990	****			****			****
		b	3E	16.0	**	76	1213	****	76	1213	****			****			****
		c	9K	14.4	**	38	550	****	38	550	****			****			****
		d		0.0	**	0	0	****	0	0	****			****			****
		e		0.0	**	0	0	****	0	0	****			****			****
		f		0.0	**	0	0	****	0	0	****			****			****
7	Windows and glass doors Cooling	North			19.4	157	****	3047	157	****	3047		****			****	
		NE/NW			0.0	0	****	0	0	****	0		****			****	
		E/W			64.4	19	****	1228	19	****	1228		****			****	
		SE/SW			0.0	0	****	0	0	****	0		****			****	
		South			0.0	0	****	0	0	****	0		****			****	
		Horz			0.0	0	****	0	0	****	0		****			****	
8	Other doors	a	11E	7.6	4.9	41	310	198	41	310	198						
		b	11E	7.6	4.9	17	129	83	17	129	83						
		c		0.0	0.0	0	0	0	0	0	0						
9	Net exposed walls and partitions	a	12D	3.2	2.0	829	2651	1697	829	2651	1697						
		b	13D	1.6	1.4	281	450	382	281	450	382						
		c		0.0	0.0	0	0	0	0	0	0						
		d		0.0	0.0	0	0	0	0	0	0						
		e		0.0	0.0	0	0	0	0	0	0						
		f		0.0	0.0	0	0	0	0	0	0						
10	Ceilings	a	16G	1.3	1.5	1375	1815	2087	1375	1815	2087						
		b		0.0	0.0	0	0	0	0	0	0						
		c		0.0	0.0	0	0	0	0	0	0						
		d		0.0	0.0	0	0	0	0	0	0						
		e		0.0	0.0	0	0	0	0	0	0						
		f		0.0	0.0	0	0	0	0	0	0						
11	Floors (Note: room perimeter is displ. for slab floors)	a	22A	32.4	0.0	155	5022	0	155	5022	0						
		b		0.0	0.0	0	0	0	0	0	0						
		c		0.0	0.0	0	0	0	0	0	0						
		d		0.0	0.0	0	0	0	0	0	0						
		e		0.0	0.0	0	0	0	0	0	0						
		f		0.0	0.0	0	0	0	0	0	0						
12	Infiltration	a		36.7	10.1	234	8588	2362	234	8588	2362						
13	Subtotal loss=6+8..+11+12					****	21718	****	****	21718	****	****		****	****		****
	Less external heating					****	0	****	****	0	****	****		****	****		****
	Less transfer					****	0	****	****	0	****	****		****	****		****
14	Duct loss					5%	1086	****	5%	1086	****	%		****	%		****
15	Total loss = 13+14					****	22804	****	****	22804	****	****		****	****		****
16	Int gains: People @ 300					6	****	1800	6	****	1800		****			****	
	Appl. @ 1200					6	****	7200	6	****	7200		****			****	
17	Subtot RSH gain=7+8..+12+16					****	****	20084	****	****	20084	****	****		****	****	
	Less external cooling					****	****	0	****	****	0	****	****		****	****	
	Less transfer					****	****	0	****	****	0	****	****		****	****	
18	Duct gain					10%	****	2008	10%	****	2008	%	****		%	****	
19	Total RSH gain=(17+18)*PLF					1.00	****	22093	1.00	****	22093		****			****	
20	Air required (cfm)					****	1000	1000	****	1000	1000	****			****		

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RON E. BIAS
WELL DRILLING

317 SW Brecken Ridge • Fort White, FL 32038
(386) 497-1045 • *Mobile:* (386) 364-9233 • *Fax:* (386) 497-1045

No. _____

Date: 6-25-04

Name: Mr. Hubert Curry

Address: Herlong Rd
Dee Rutland Sub Lot #3

Phone: 755-2131
(Tina Ferguson)

DESCRIPTION:

4" Dia deep well down to 100'
1-HP Sub pump
82 gallon Pkg. tank
Complete.
(SRWMD Permit # 86229) 40.00
Footage 80.00
Extra 10' N/C

well-casing 90'
Static water 40'
Pump Set 60'
Total well 110'

Total: 2150.00

Deposit: 2150.

Balance: 0-

Date Wanted: _____

Authorized By: Ron E Bias

Received By: _____

Paid in full REB

AAMA/NWWDA 101/I.S.2-97
TEST REPORT SUMMARY

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650 Flange
TYPE: Aluminum Single Hung Window

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	12 lb max.
Air Infiltration	0.14 cfm/ft^2
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-41134.02 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technician

MAH:nlb

Allen N. Reeves
4 APRIL 2002

ALLEN N. REEVES
CERTIFICATE
NO. 12
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-41134.02
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Flange, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.*

Test Specimen Description

Series/Model: 650 Flange

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

Allen N. Reeves
4 APRIL 2002

REEVES STATE OF FLORIDA PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

Description	Quantity	Location
Metal cam lock with keeper	1	Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

Allen N. Reeves
4 APRIL 2002

ALLEN N. REEVES
CERTIFICATE
NO. 18254
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 3" installation screws through the jambs. The installation screws were located 3" from the head and sill and one midspan on both jambs. The exterior was sealed with polyurethane.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	12 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.14 cfm/ft^2	0.3 cfm/ft^2 max.

Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 25.9 psf (positive)	0.45"*	0.26" max.
	@ 34.7 psf (negative)	0.53"*	0.26" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 38.9 psf (positive)	0.02"	0.18" max.
	@ 52.1 psf (negative)	0.01"	0.18" max.

Allen N. Reeves
8 APRIL 2002

ALLEN N. REEVES
CERTIFICATE NO. 18324
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	Deglazing Test (ASTM E 987)		
	In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
Optional Performance			
4.3	Water Resistance (ASTM E 547-00)		
	(with and without screen)		
	WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97)		
	(Measurements reported were taken on the meeting rail)		
	(Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.55"*	0.26" max.
	@ 47.2 psf (negative)	0.64"*	0.26" max.
4.4.2	Uniform Load Structural (ASTM E 330-97)		
	(Measurements reported were taken on the meeting rail)		
	(Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.04"	0.18" max.
	@ 70.8 psf (negative)	0.05"	0.18" max.

Exceeds L/175 for deflection, but passes all other test requirements.

Allen N. Reeves
4 APRIL 2002

ALLEN N. REEVES
STATE OF FLORIDA
PROFESSIONAL ENGINEER

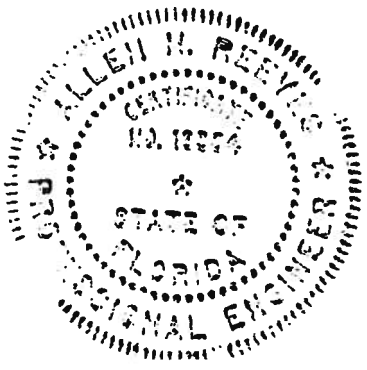
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

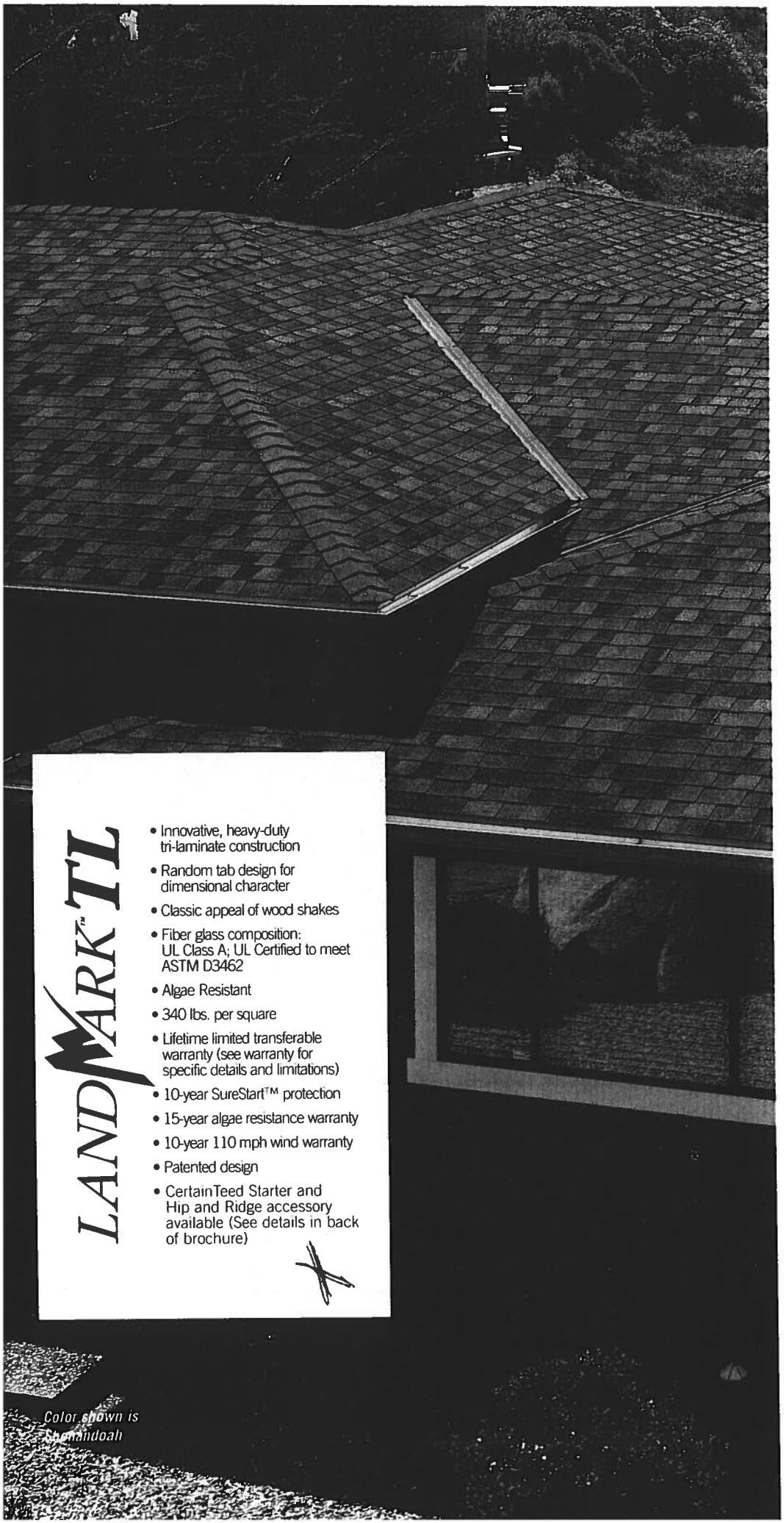
For ARCHITECTURAL TESTING, INC:

Mark A. Hess
Technician

Allen N. Reeves, P.E.
Director - Engineering Services
8 APRIL 2002

MAH:nlb
01-41134.02





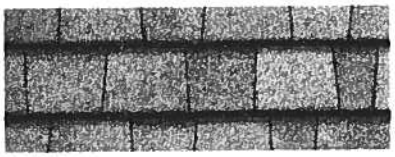
LANDMARK™ TL

- Innovative, heavy-duty tri-laminate construction
- Random tab design for dimensional character
- Classic appeal of wood shakes
- Fiber glass composition: UL Class A; UL Certified to meet ASTM D3462
- Algae Resistant
- 340 lbs. per square
- Lifetime limited transferable warranty (see warranty for specific details and limitations)
- 10-year SureStart™ protection
- 15-year algae resistance warranty
- 10-year 110 mph wind warranty
- Patented design
- CertainTeed Starter and Hip and Ridge accessory available (See details in back of brochure)

Color shown is Shenandoah

COLOR AVAILABILITY

Burnt Sienna



Cobblestone Gray

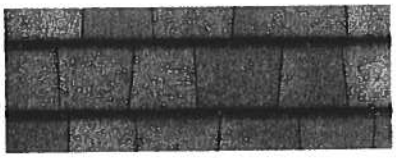
Cumberland

Moire Black

Old Overton

Resawn Shake

Shenandoah

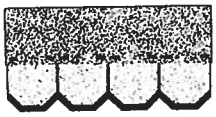


Weathered Wood

Grand Manor Shangle®

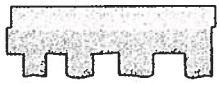
Class A Fiber Glass Shingle
Lifetime Limited Transferable Warranty
Group or institutional ownership: 50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 110 mph wind-resistance warranty
Algae Resistant
Weight: 425 lbs. per square
Size: 18" x 36" – 8" Exposure
Miami-Dade accepted
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 5

Carriage House Shangle™



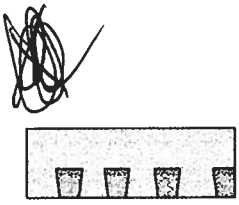
Class A Fiber Glass Shingle
Lifetime Limited Transferable Warranty
Group or institutional ownership: 50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 110 mph wind-resistance warranty
Algae Resistant
Weight: 355 lbs. per square
Size: 18" x 36" – 8" Exposure
Miami-Dade accepted
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 5

Presidential TL™



Class A Fiber Glass Shingle
Lifetime Limited Transferable Warranty
Group or institutional ownership: 50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 110 mph wind-resistance warranty
Algae Resistant
Weight: 480 lbs. per square
Size: 14 1/4" x 40" – 4" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 6

Landmark TL™

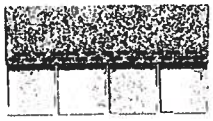


Class A Fiber Glass Shingle
Lifetime Limited Transferable Warranty
Group or institutional ownership: 50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 110 mph wind-resistance warranty
Algae Resistant
Weight: 340 lbs. per square
Size: 13 1/4" x 40" – 5 5/8" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 4

Independence Shangle® AR

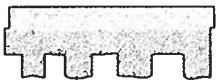
Class A Fiber Glass Shingle
50-Yr. Limited Transferable Warranty
5-Yr. SureStart™ Protection
5-Year 90 mph wind-resistance warranty
Algae Resistant
Weight: 300 lbs. per square
Size: 12" x 36" – 5" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 4

Hatteras®



Class A Fiber Glass Shingle
40-Yr. Limited Transferable Warranty
5-Yr. SureStart™ Protection
10-Year 110 mph Wind Resistance Warranty
Algae Resistant
Weight: 235 lbs. per square
Size: 18" x 36" – 8" Exposure
Miami-Dade accepted
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 – 110 mph Wind Resistance
Bundles per square – 3

Presidential Shake™



Class A Fiber Glass Shingle
50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 90 mph wind-resistance warranty
Algae Resistant
Weight: 355 lbs. per square
Size: 14 1/4" x 40" – 4" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 5

Landmark™ 50 AR

Class A Fiber Glass Shingle
Weight: 305 lbs. per square
Size: 13 1/4" x 38 3/4" – 5 5/8" Exposure
50-Yr. Limited Transferable Warranty
5-Year 90 mph wind-resistance warranty

Landmark™ 40 AR

Class A Fiber Glass Shingle
Weight: 270 lbs. per square
Size: 13 1/4" x 38 3/4" – 5 5/8" Exposure
40-Yr. Limited Transferable Warranty
5-Year 80 mph wind-resistance warranty

Landmark™ 30 AR

Class A Fiber Glass Shingle
Weight: 250 lbs. per square
Size: 13 1/4" x 38 3/4" – 5 5/8" Exposure
30-Yr. Limited Transferable Warranty
5-Year 70 mph wind-resistance warranty

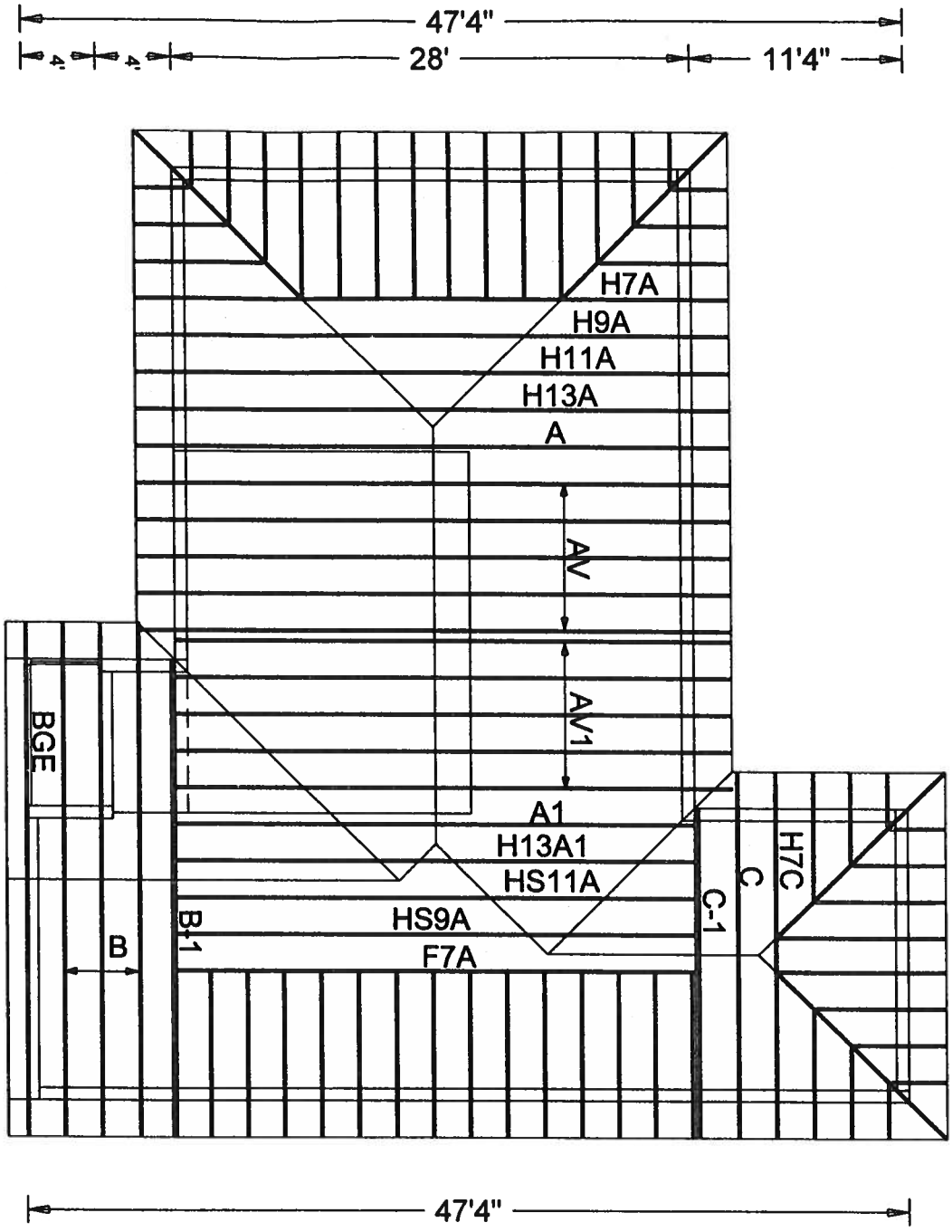
Algae resistant in most areas
Two-piece laminated shingle
ASTM D3018 Type I
5-Yr. SureStart™ Protection
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 4 (40, 50)
Bundles per square – 3 (30)

Classic Horizon Shangle®

Class A Fiber Glass Shingle
25-Yr. Limited Transferable Warranty
5-Yr. SureStart™ Protection
Weight: 250 lbs. per square
Size: 12" x 36" – 5" Exposure
Miami-Dade accepted
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 3

Patriot ™ AR

Class A Fiber Glass Shingle
30-Year Limited Transferable Warranty
5-Year SureStart™ Protection
Algae Resistant
Weight: 235 lbs. per square
Size: 12" x 36" – 5" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 3
Miami-Dade accepted



HUBERT CURRY

Roof Plane Sheathing Area = 2289 sq. ft

PAGE NO: 1 OF 1	JOB NO: 299	DESIGNED BY:	JOB DESCRIPTION: HUBERT CURRY	JOB LOCATION:

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 (863) 422-8685
Florida Engineering Certificate of Authorization Number: 567
 Document ID:1SEG487-Z0413192424

Truss Fabricator: Anderson Truss Company
Job Identification: 299-HUBERT CURRY (299|-HUBERT CURRY)
Truss Count: 23
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software,Versions 6.33.0716.23, 7.02.0527.10.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE-98 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: A11015EC-GBLLETIN

Seal Date: 07/13/2004

-Truss Design Engineer-
Denise Rutledge
Florida License Number: 58752
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	22966	H7A	04194007	07/12/04
2	22967	F7A	04194008	07/12/04
3	22968	H9A	04194001	07/12/04
4	22969	H11A	04194002	07/12/04
5	22970	H13A	04194009	07/12/04
6	22971	A	04194003	07/12/04
7	22972	A1	04194010	07/12/04
8	22973	HS9A	04194011	07/12/04
9	22974	HS11A	04194012	07/12/04
10	22975	H13A1	04194013	07/12/04
11	22976	AV	04194004	07/12/04
12	22977	AV1	04194014	07/12/04
13	22978	B	04194005	07/12/04
14	22979	B-1	04194015	07/12/04
15	22980	BGE	04194016	07/12/04
16	22981	H7C	04194017	07/12/04
17	22982	C	04194006	07/12/04
18	22983	C-1	04194018	07/12/04
19	22984	EJ7	04194019	07/12/04
20	22985	CJ5	04194020	07/12/04
21	22986	HJ7	04194021	07/12/04
22	22987	CJ3	04194022	07/12/04
23	22988	CJ1	04194023	07/12/04

(299-HUBERT CURRY - H7A)

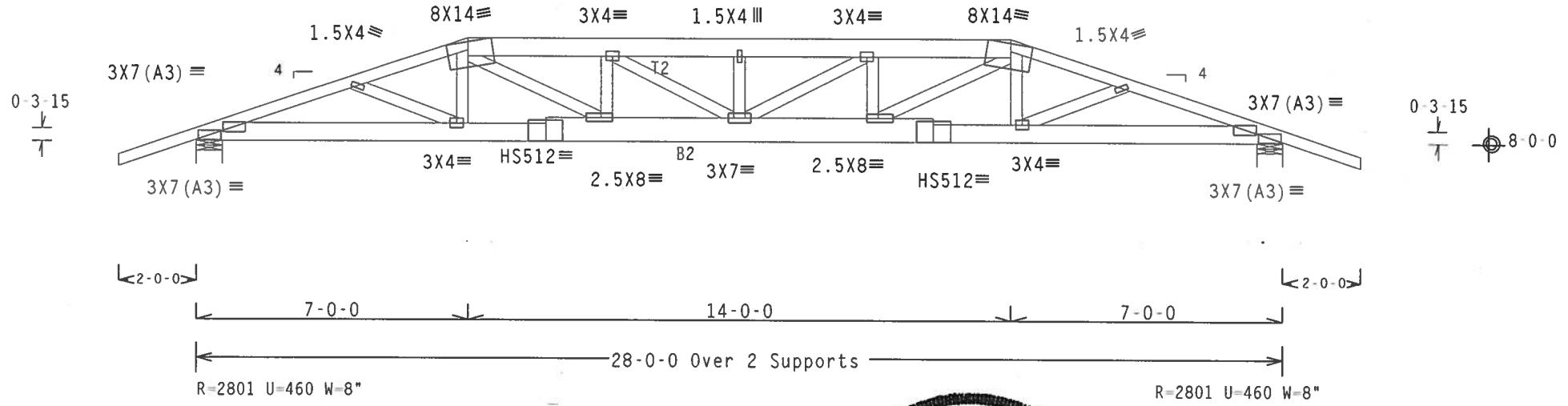
Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B2 2x8 SP SS:
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load.

SPECIAL LOADS
-------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -2.00 to 60 PLF at 30.00
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 28.00
BC - From 4 PLF at 28.00 to 4 PLF at 30.00
TC - 410 LB Conc. Load at 7.00, 21.00
TC - 173 LB Conc. Load at 9.06, 11.06, 13.06, 14.94, 16.94 18.94
BC - 413 LB Conc. Load at 7.00, 21.00
BC - 70 LB Conc. Load at 9.06, 11.06, 13.06, 14.94, 16.94 18.94



PLT TYP. 20 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC 6.33.4716.23 QTY: FL/-/3/-/-/R/- Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5... D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE ... MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICAT... TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACH... RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPII-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 12 04

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

REF	R487-- 22966
DATE	07/12/04
DRW	HCUSR487 04194007
HC-ENG	JB/ADR
SEQN-	88380
JREF-	1SEG487_Z04

Top chord 2x6 SP #1 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W2, W8 2x6 SP #2:

Max JT VERT DEFL: LL: 0.37" DL: 0.37" recommended camber 5/8"

Girder supports 7-0-0 span to TC/BC split one face and 2-0-0 span to TC/BC split opposite face.

Deflection meets L/360 live and L/240 total load.

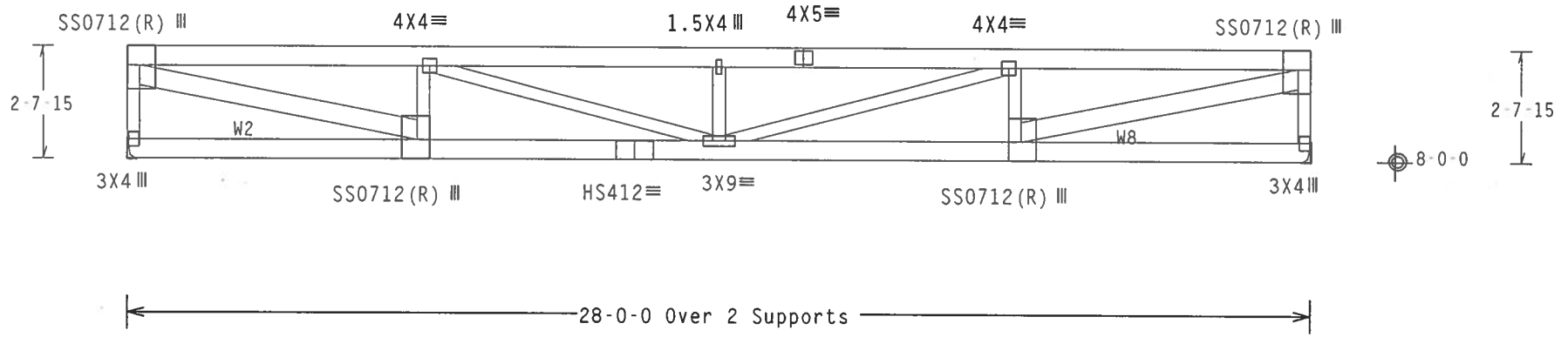
The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Truss must be installed as shown with top chord up.



R=2520 U=495 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=2520 U=495 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

PLT TYP. 20 Gauge HS,18 Gauge HS,
Wave TPI

Design Crit: TPI-1995(STD)/FBC 6.33.0716.23

QTY: FL/-/3/-/-/R/-

Scale =.25"/Ft.

TC LL	20.0 PSF	REF	R487-- 22967
TC DL	10.0 PSF	DATE	07/12/04
BC DL	10.0 PSF	DRW	HCUSR487 04194008
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN-	88449
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SEG487_Z04

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5... D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE ... MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICAT... TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACH... RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

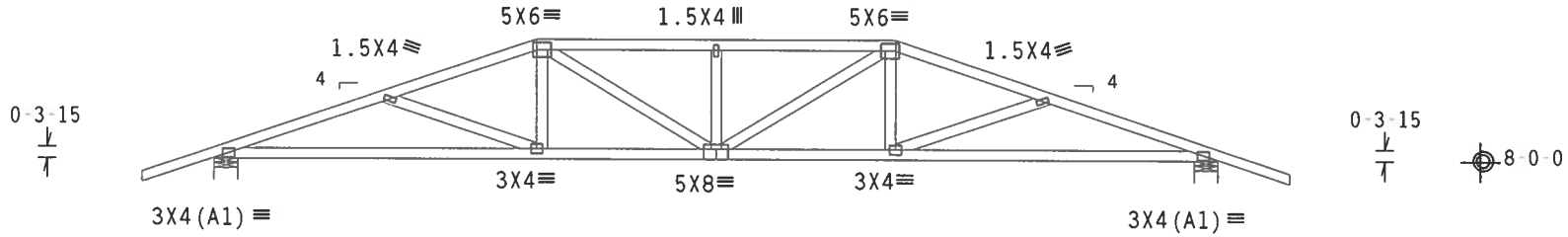
JUL

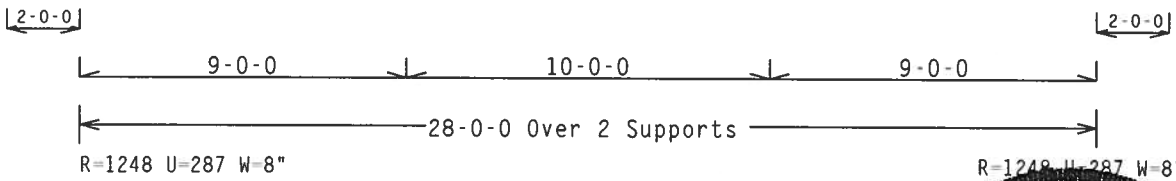
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 9.49 ft mean hgt, ASCE 7-98, 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.





PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.33.0716.23

QTY:

FL/-/3/-/-/R/-

Scale =.1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICAT TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACH RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUL

TC LL	20.0 PSF	REF R487-- 22968
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194001
BC LL	0.0 PSF	HC-ENG JB/ADR *
TOT.LD.	40.0 PSF	SEQN- 88385
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

ALPINE

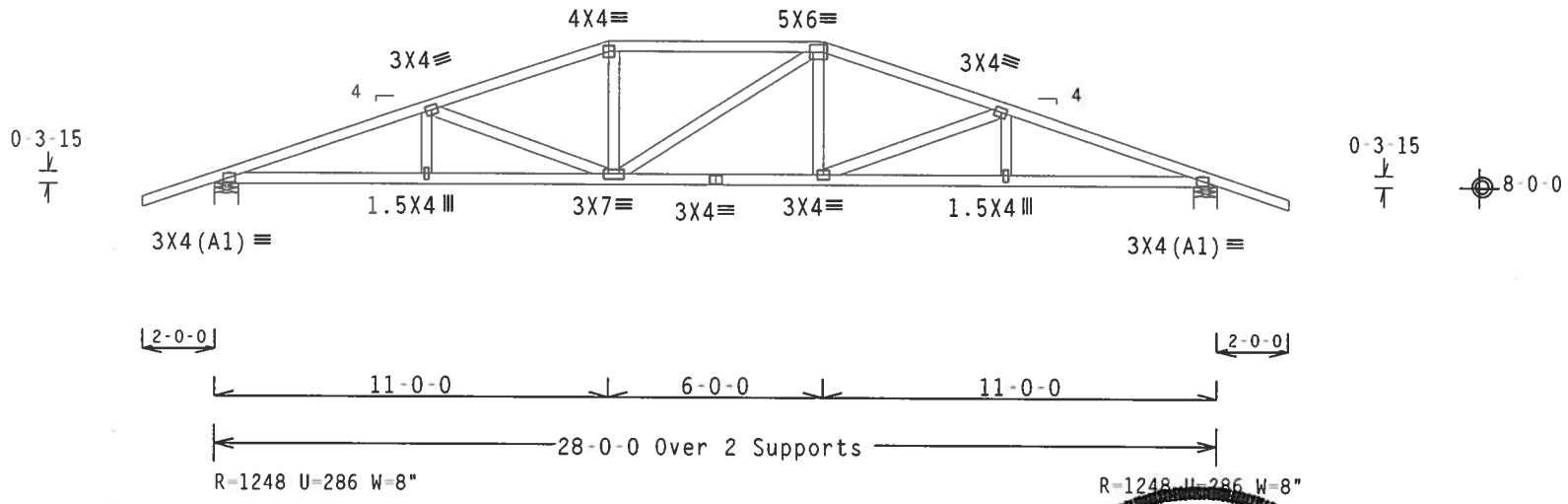
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 9.83 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC 6.[illegible]3.0[illegible]16.23

QTY:

FL/-/3/-/-/R/-

Scale =.1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE L MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHE RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPII-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul [illegible]

TC LL	20.0 PSF	REF R487-- 22969
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194002
BC LL	0.0 PSF	HC-ENG JB/ADR *
TOT.LD.	40.0 PSF	SEQN- 88390
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

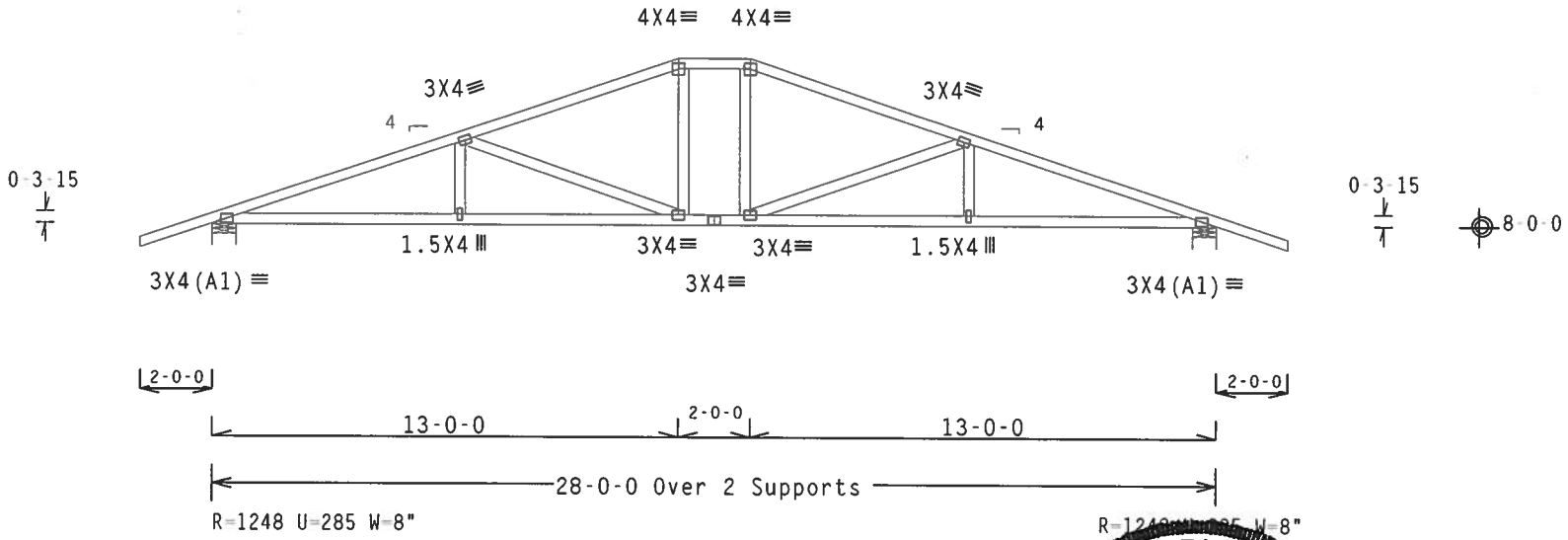
ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

(299-HUBERT CURRY - H13A)

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 10.16 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 6.03.0/16.23 | QTY: | FL/-/3/-/-/R/- | Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 13 '04

TC LL	20.0 PSF	REF	R487-- 22970
TC DL	10.0 PSF	DATE	07/12/04
BC DL	10.0 PSF	DRW	HCUSR487 04194009
BC LL	0.0 PSF		HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN-	88395
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SEG487_Z04

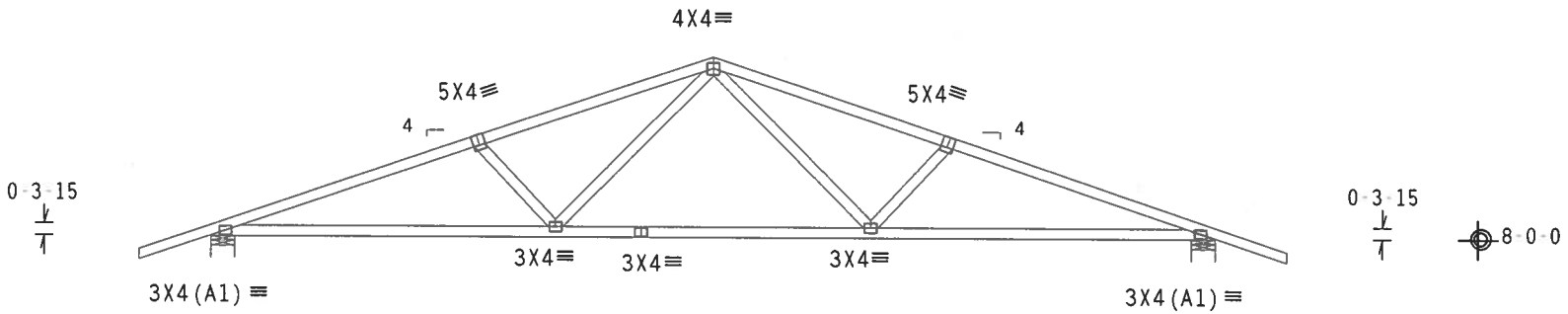
(299-HUBERT CURRY - A)

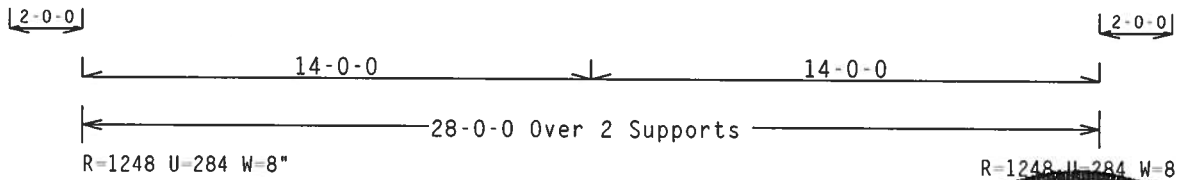
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

110 mph wind, 10.33 ft mean hgt, ASCE 7-98, 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.

Deflection meets L/360 live and L/240 total load.





PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6 3.0 10.23

QTY:

FL/-/3/-/-/R/-

Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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DENISE RUTLEDGE CERTIFICATE No. 58762 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ju

TC LL	20.0 PSF	REF R487-- 22971
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194003
BC LL	0.0 PSF	HC-ENG JB/ADR *
TOT.LD.	40.0 PSF	SEQN- 88404
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

(299-HUBERT CURRY - A1)

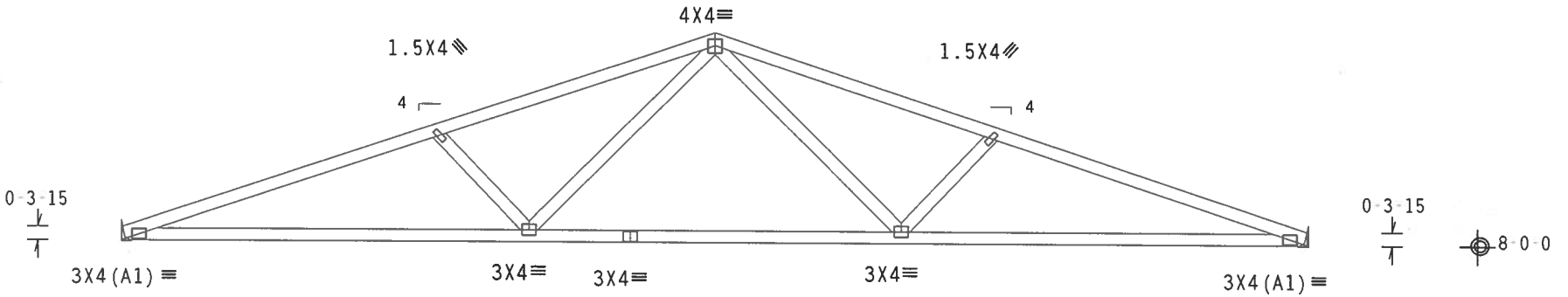
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 10.66 ft mean hgt, ASCE 7-98, 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.

Deflection meets L/360 live and L/240 total load.



14-0-0 | 14-0-0

28-0-0 Over 2 Supports

R=1120 U=198 H=Simpson THA29
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=1120 U=198 H=Simpson THA29
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 6-3-16.23 QTY: FL/-/3/-/-/R/- Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

JOB

TC LL	20.0 PSF	REF R487-- 22972
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194010
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88418
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

(299 HUBERT CURRY - HS9A)

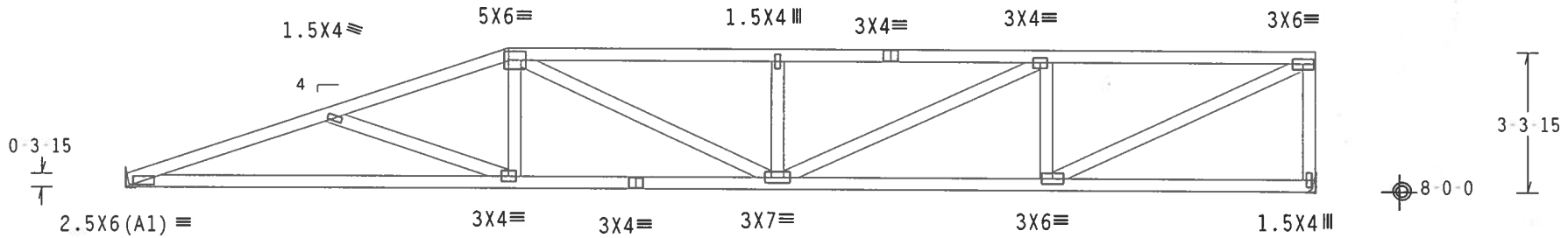
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 9.83 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load.



9-0-0 | 19-0-0

28-0-0 Over 2 Supports

R=1130 U=199 H=Simpson THA29
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=1110 U=210 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 6-13.0/16.23 | QTY: 2 | FL/-/3/-/-/R/- | Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 04

TC LL	20.0 PSF	REF	R487-- 22973
TC DL	10.0 PSF	DATE	07/12/04
BC DL	10.0 PSF	DRW	HCUSR487 04194011
BC LL	0.0 PSF		HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN-	88426
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SEG487_Z04

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

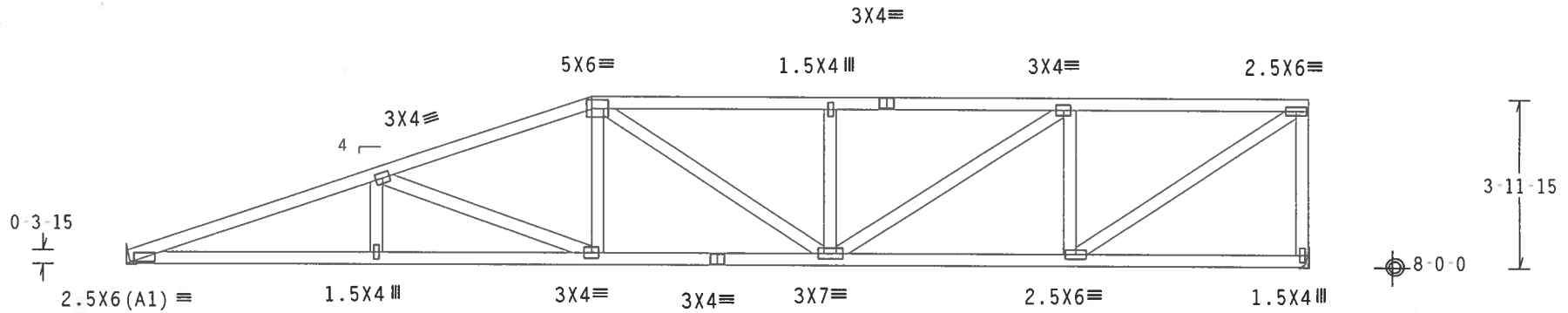
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 10.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load.



R=1130 U=196 H=Simpson THA29
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=1110 U=212 H=Simpson HUS26
(6) 10d Common, 0.148"x3.0" nails in Truss
10d Common, 0.148"x3.0" nails in Girder
(1)2X6 min. So.Pine

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 6.23 | QTY. | FL/-/3/-/-/R/- | Scale =.25"/Ft.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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TC LL	20.0 PSF	REF R487-- 22974
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194012
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88434
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

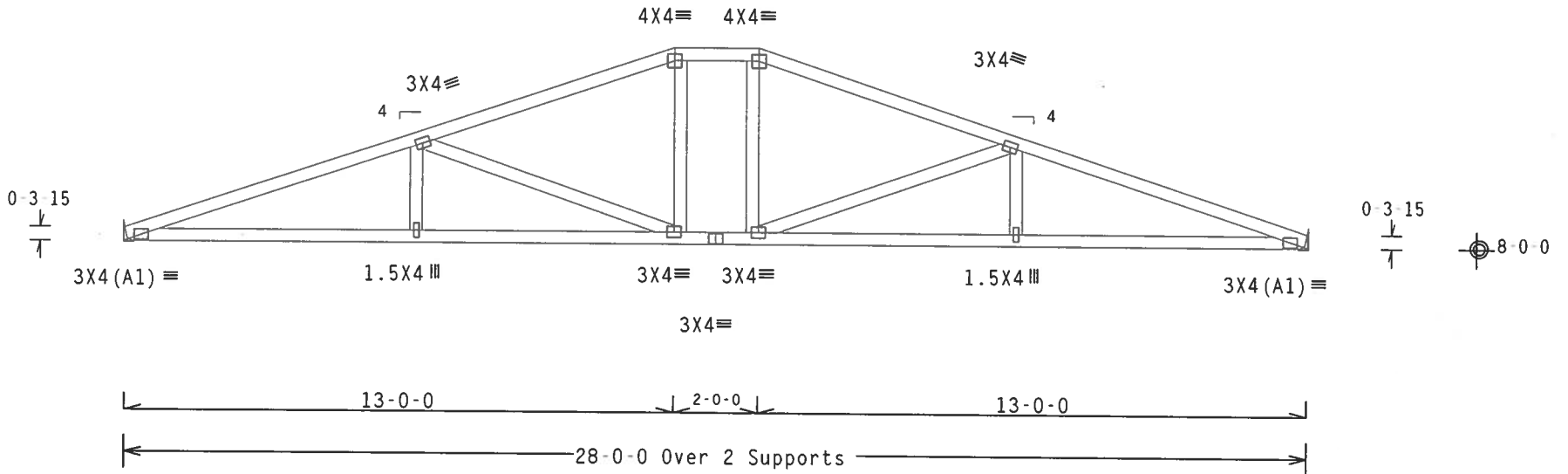
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 10.49 ft mean hgt, ASCE 7-98, 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.

Deflection meets L/360 live and L/240 total load.



R=1120 U=199 H=Simpson THA29
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=1120 U=199 H=Simpson THA29
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6-3-07 6:23

QTY:

FL/-/3/-/-/R/-

Scale =.25"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

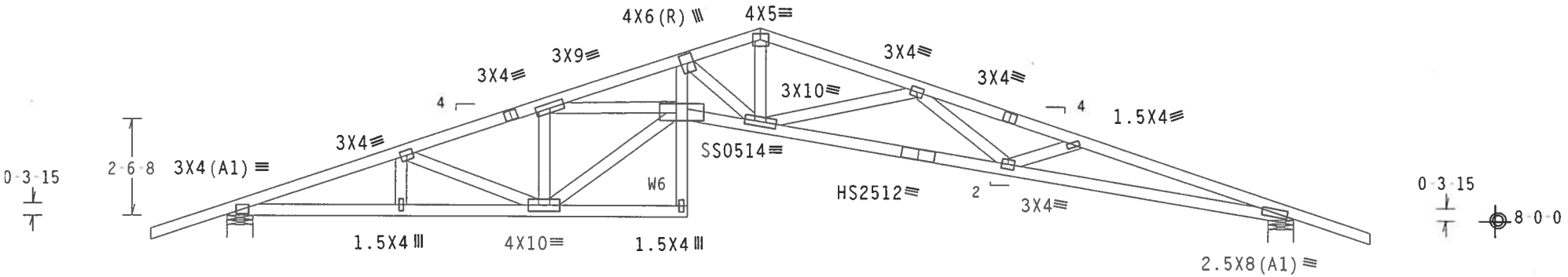
TC LL	20.0 PSF	REF R487-- 22975
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194013
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88443
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

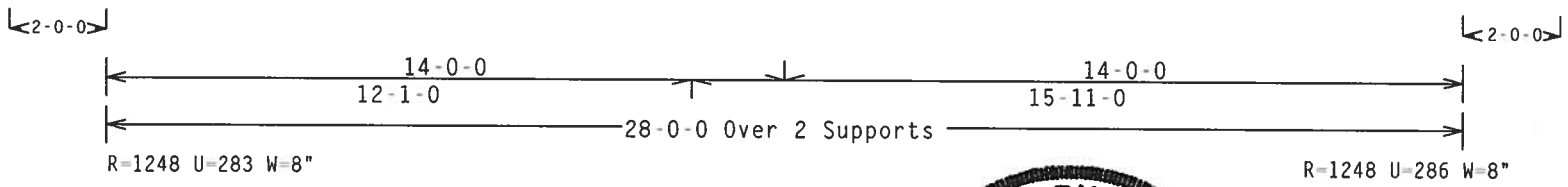
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W6 2x4 SP #2 Dense:

Calculated horizontal deflection is 0.21" due to live load and 0.20" due to dead load.

110 mph wind, 10.33 ft mean hgt, ASCE 7-98, 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.

Deflection meets L/360 live and L/240 total load.





PLT TYP. 20 Gauge HS,18 Gauge HS,
Wave TPI

Design Crit: TPI-1995(STD)/FBC 6[illegible]33.0716.23 QTY:

FL/-/3/-/-/R/-

Scale =.25"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ju[illegible]

TC LL	20.0 PSF	REF R487-- 22976
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194004
BC LL	0.0 PSF	HC-ENG JB/ADR *
TOT.LD.	40.0 PSF	SEQN- 88472
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

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

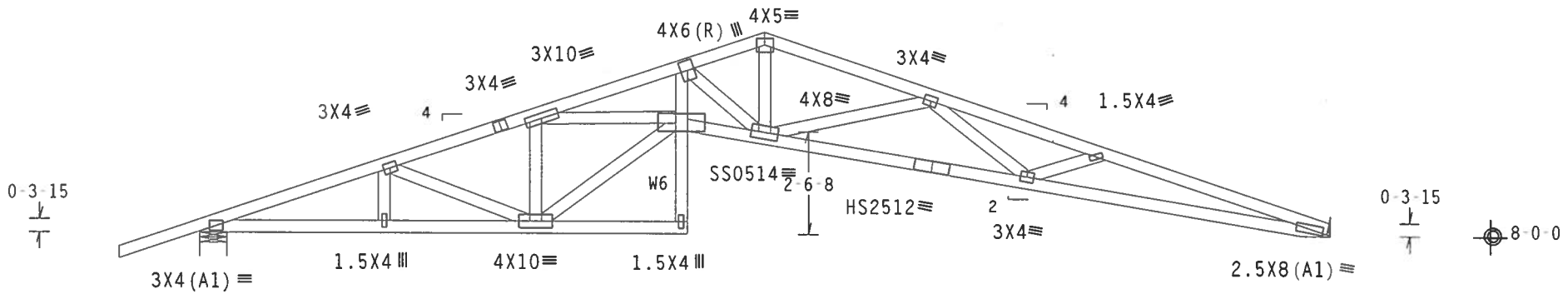
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W6 2x4 SP #2 Dense:

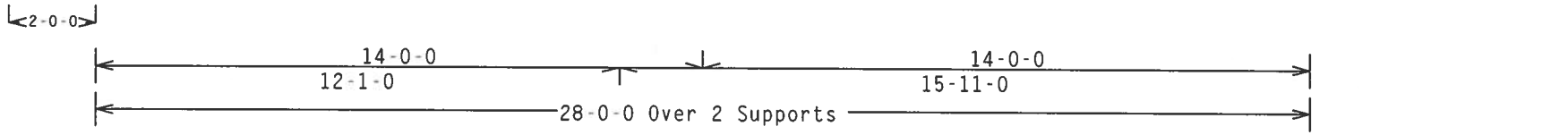
Calculated horizontal deflection is 0.21" due to live load and 0.20" due to dead load.

Deflection meets L/360 live and L/240 total load.

110 mph wind, 10.33 ft mean hgt, ASCE 7-98, 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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.





R=1256 U=288 W=8"

R=1112 U=200 H=Simpson THA29
(4) 10d Common, 0.148"x3.0" nails in Truss
10d Common, 0.148"x3.0" nails in Girder
(2)2X6 min. So.Pine

PLT TYP. 20 Gauge HS,18 Gauge HS,
Wave TPI

Design Crit: TPI-1995(STD)/FBC 6.[illegible]3.0[illegible]10.23 QTY: [illegible] FL/-/3/-/-/R/- Scale =.25"/Ft.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 1[illegible]

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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TC LL	20.0 PSF	REF R487-- 22977
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194014
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88479
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

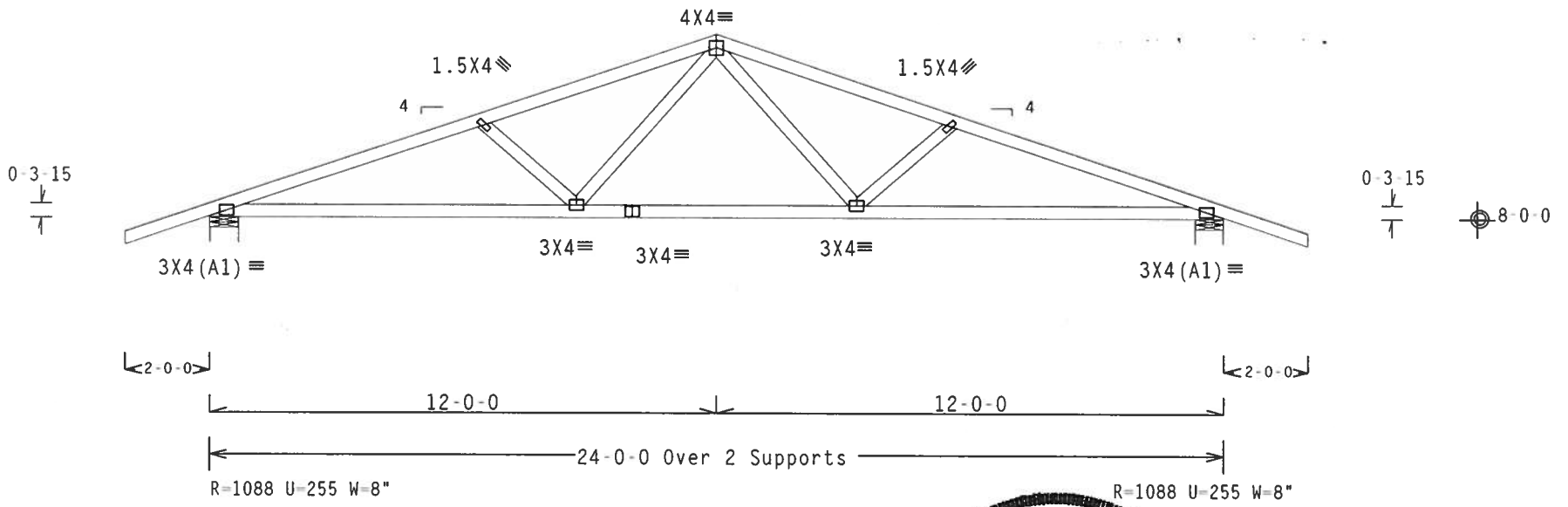
(299 HUBERT CURRY - B)

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

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

110 mph wind, 9.99 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC 6.23.0.10.23

QTY:

FL/-/3/-/-/R/-

Scale =.25"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 58 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE L MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHE RIGID CEILING.

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul

TC LL	20.0 PSF	REF R487-- 22978
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194005
BC LL	0.0 PSF	HC-ENG JB/ADR *
TOT.LD.	40.0 PSF	SEQN- 88345
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W7 2x4 SP #2 Dense:

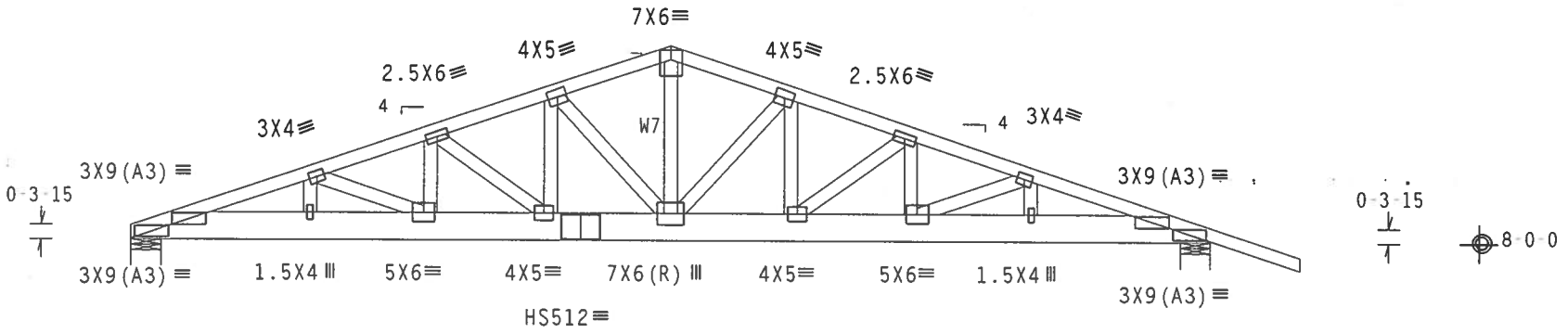
SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 26.00
BC - From 20 PLF at 0.00 to 20 PLF at 24.00
BC - From 4 PLF at 24.00 to 4 PLF at 26.00
BC - 1112 LB Conc. Load at 0.94, 2.94, 4.94, 6.94
BC - 1120 LB Conc. Load at 8.94, 10.94
BC - 1110 LB Conc. Load at 12.94, 14.94
BC - 2520 LB Conc. Load at 16.94

2 COMPLETE TRUSSES REQUIRED

NAILING SCHEDULE: (10d_common_nails)
TOP CHORD: 1 ROW @ 12" o.c.
BOT CHORD: 1 ROW @ 4" o.c.
WEBS : 1 ROW @ 4" o.c.
USE EQUAL SPACING BETWEEN ROWS AND STAGGER NAILS
IN EACH ROW TO AVOID SPLITTING.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Deflection meets L/360 live and L/240 total load.



PLT TYP. 20 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC 6 3.0 16.23 QTY: FL/-/3/-/-/R/- Scale =.25"/Ft.

ALPINE

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DENISE RUTLEDGE CERTIFICATE No. 58152 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 19 04

TC LL	20.0 PSF	REF	R487-- 22979
TC DL	10.0 PSF	DATE	07/12/04
BC DL	10.0 PSF	DRW	HCUSR487 04194015
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN-	88499
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SEG487_Z04

(299-HUBERT CURRY - BGE)

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

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

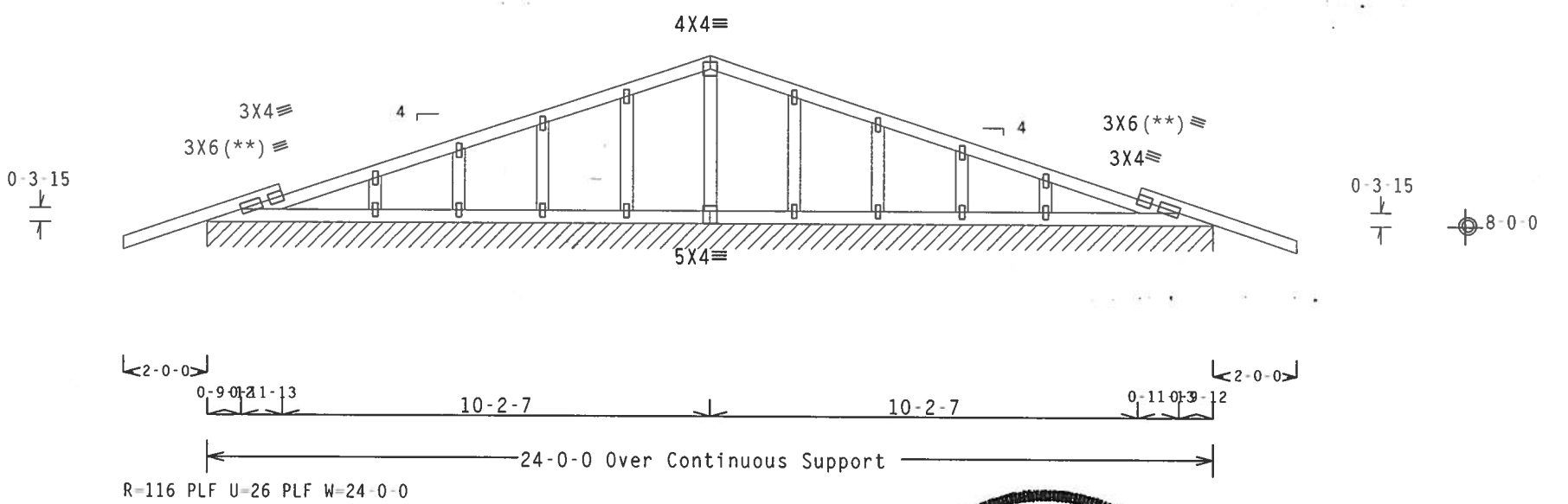
TC - From	82 PLF	at	2.00	to	82 PLF at 26.00
BC - From	4 PLF	at	2.00	to	4 PLF at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF at 24.00
BC - From	4 PLF	at	24.00	to	4 PLF at 26.00

(**) Plate relocated as shown.

110 mph wind, 9.84 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

Deflection meets L/360 live and L/240 total load.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 6.63.0716.23 QTY: FL/-/3/-/-/R/- Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
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DENISE RUTLEDGE CERTIFICATE No. 58762 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 19 04

TC LL	20.0 PSF	REF	R487-- 22980
TC DL	10.0 PSF	DATE	07/12/04
BC DL	10.0 PSF	DRW	HCUSR487 04194016
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN-	88496
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SEG487_Z04

(299-HUBERT CURRY - H7C)

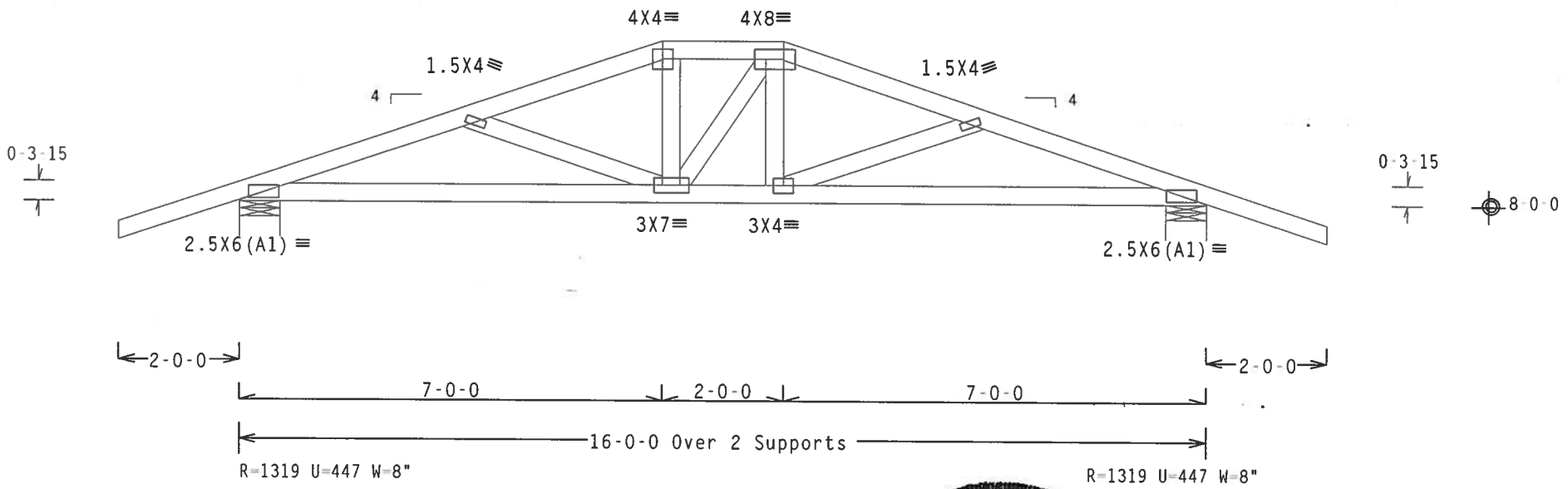
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 6[illegible]0.23 | QTY 1 | FL/-/3/-/-/R/- | Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE CERTIFICATE No. 52752 STATE OF FLORIDA PROFESSIONAL ENGINEER

JOB [illegible]04

TC LL	20.0 PSF	REF R487-- 22981
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194017
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88327
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

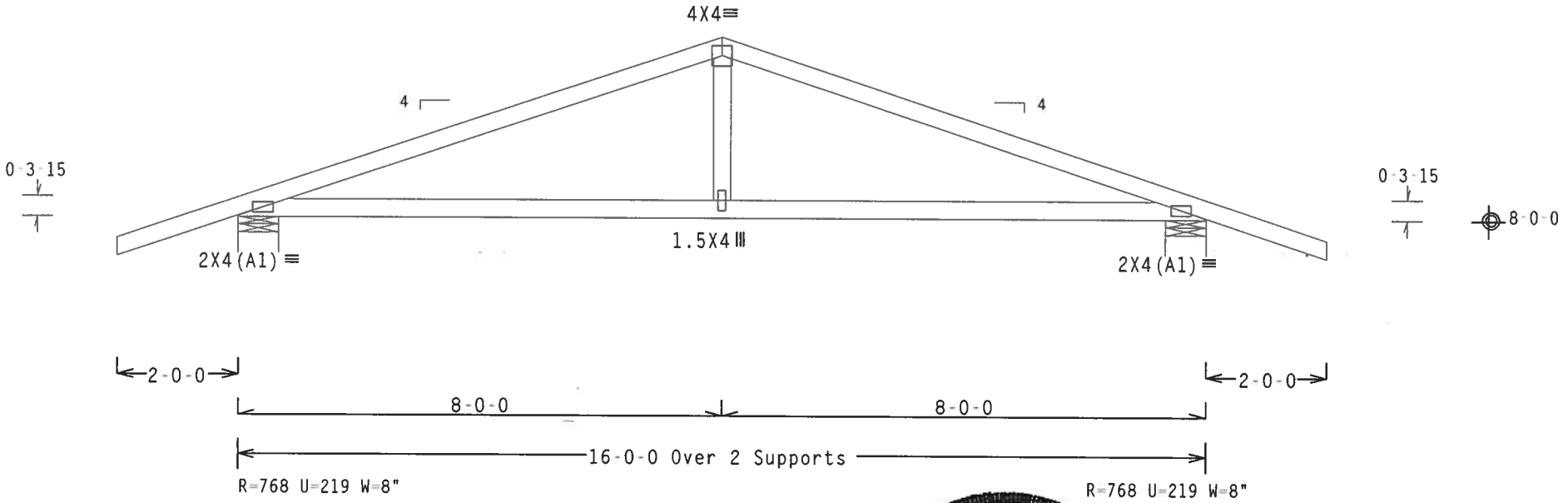
(299 HUBERT CURRY - C)

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

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 9.33 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC 6 3.0 10.23

QTY:

FL/-/3/-/-/R/-

Scale =.375"/Ft.

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R487-- 22982
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194006
BC LL	0.0 PSF	HC-ENG JB/ADR *
TOT.LD.	40.0 PSF	SEQN- 88333
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

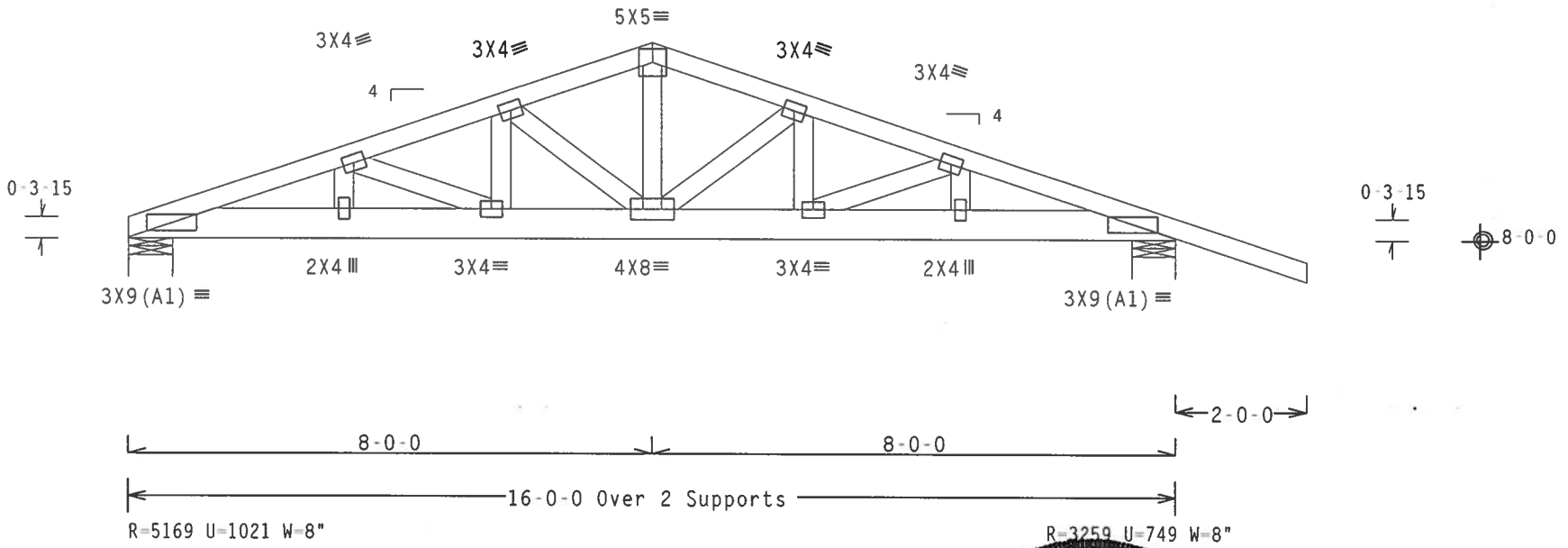
SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 18.00
BC - From 20 PLF at 0.00 to 20 PLF at 16.00
BC - From 4 PLF at 16.00 to 4 PLF at 18.00
BC - 1120 LB Conc. Load at 0.94, 2.94
BC - 1130 LB Conc. Load at 4.94, 6.94
BC - 2520 LB Conc. Load at 8.94

Deflection meets L/360 live and L/240 total load.

2 COMPLETE TRUSSES REQUIRED

NAILING SCHEDULE: (10d_common_nails)
TOP CHORD: 1 ROW @ 12" o.c.
BOT CHORD: 1 ROW @ 4" o.c.
WEBS : 1 ROW @ 4" o.c.
USE EQUAL SPACING BETWEEN ROWS AND STAGGER NAILS
IN EACH ROW TO AVOID SPLITTING.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.[illegible]3.0.16.23

QTY:

FL/-/3/-/-/R/-

Scale =.375"/Ft.

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ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

DENISE RUTLEDGE CERTIFICATE No. 58762 STATE OF FLORIDA PROFESSIONAL ENGINEER

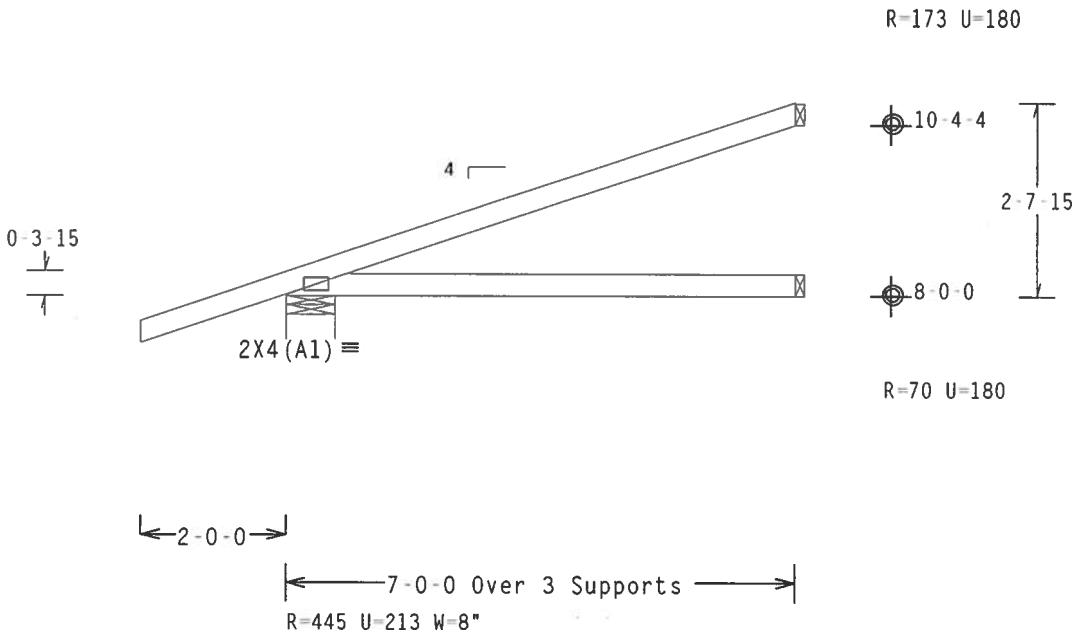
TC LL	20.0 PSF	REF R487-- 22983
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194018
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88466
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

(299-HUBERT CURRY - EJ7)

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 9.16 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 6.[illegible]07/16.23 | QTY: [illegible] | FL/-/3/-/-/R/- | Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ju[illegible]

TC LL	20.0 PSF	REF R487-- 22984
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194019
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88306
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

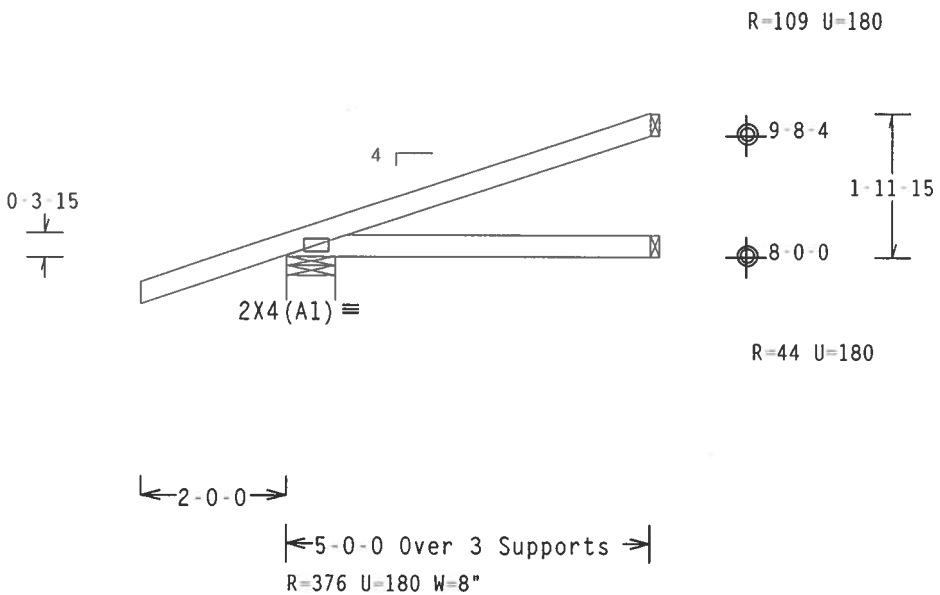
(299-HUBERT CURRY - CJ5)

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

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 8.83 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 6.[illegible]3.0 10.23 QTY:[illegible] FL/-/3/-/-/R/- Scale =.375"/Ft.

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 15-04

TC LL	20.0 PSF	REF R487-- 22985
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194020
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88312
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

ALPINE

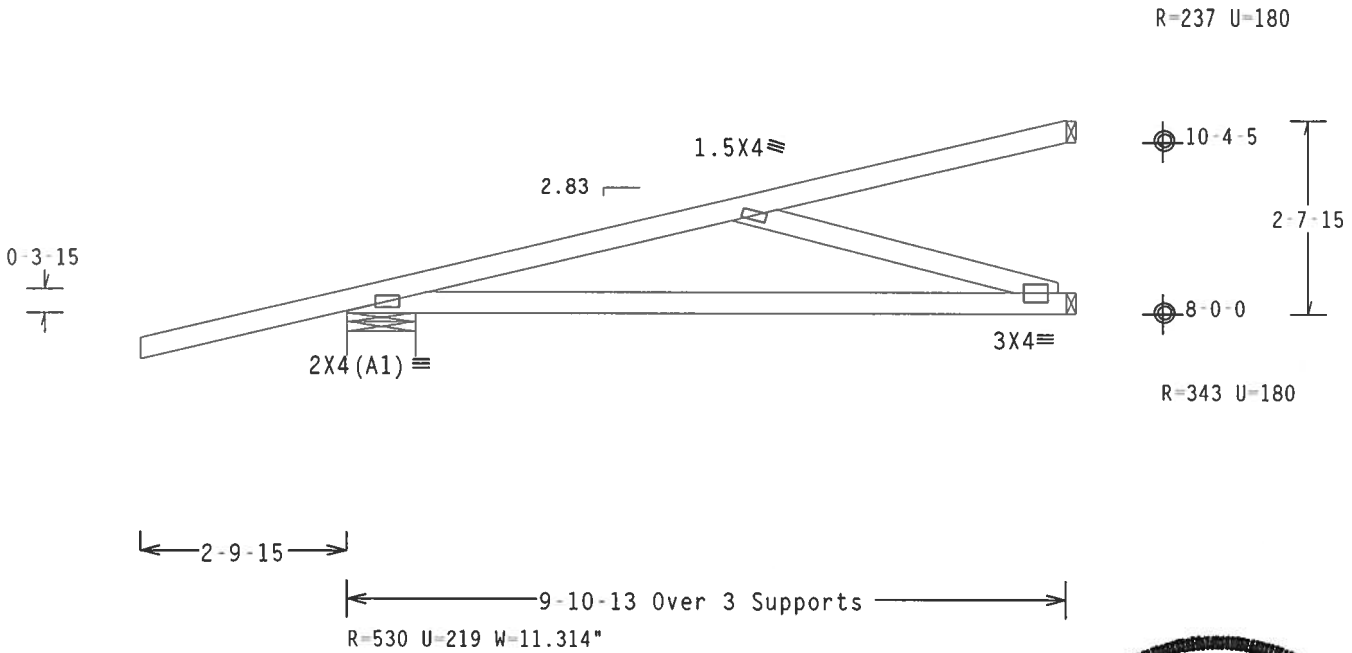
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 6.[illegible]3.0.16.23 | QTY:4 | FL/-/3/-/-/R/- | Scale =.375"/Ft.

ALPINE

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1950 Marley Drive
Haines City, FL 33844
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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 15 '04

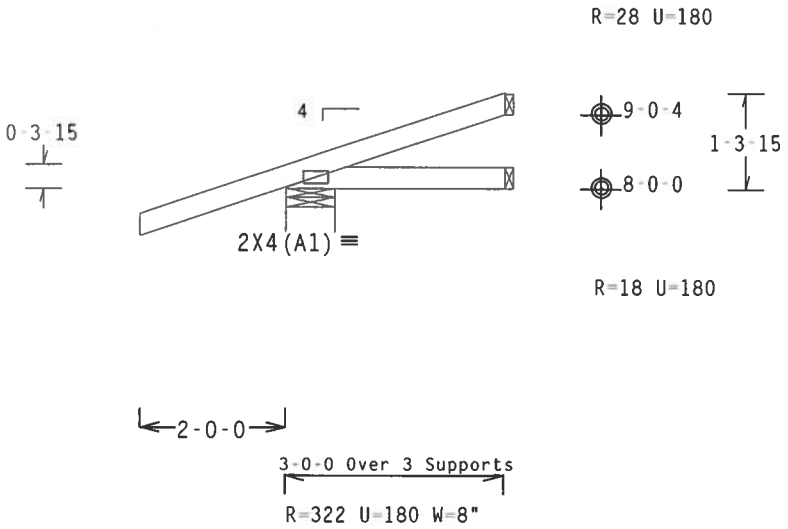
TC LL	20.0 PSF	REF R487-- 22986
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194021
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88324
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

(299-HUBERT CURRY - CJ3)

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

110 mph wind, 8.49 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 6.3.0.0 16423 | FL/-/3/-/-/R/- | Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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DENISE RUTLEDGE CERTIFICATE NO. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUL 13 2004

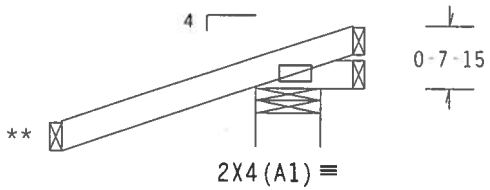
TC LL	20.0 PSF	REF R487-- 22987
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194022
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 88316
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

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

** PROVIDE CONNECTION FOR 180# UP OR DOWN AT FASCIA BEAM. FASCIA BEAMS AND THEIR CONNECTIONS TO BE DESIGNED AND FURNISHED BY OTHERS.

110 mph wind, 8.16 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.



R=81 U=180

R=-23 U=180

8-4-4
8-0-0
7-4-4

R=2 U=180

2-0-0
3-0-0 Over 4 Supports

R=189 U=180 W=8"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC 7.02.0527.10 QTY:

FL/-/3/-/-/R/-

Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
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FL Certificate of Authorization # 567

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 15 04

TC LL	20.0 PSF	REF R487-- 22988
TC DL	10.0 PSF	DATE 07/12/04
BC DL	10.0 PSF	DRW HCUSR487 04194023
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 65792 REV
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEG487_Z04

ASCE 7-98: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
16" O.C.	SPF HF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"
	SP DFL	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

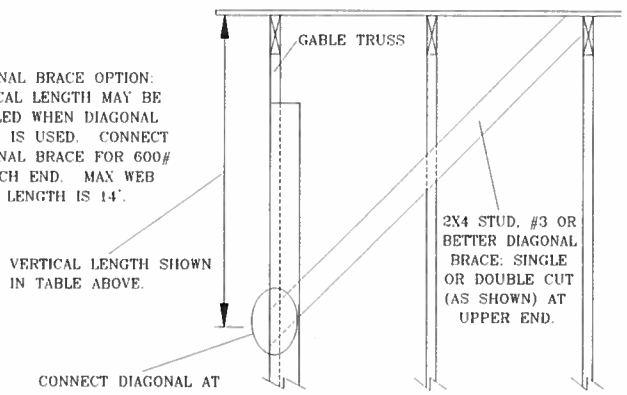
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

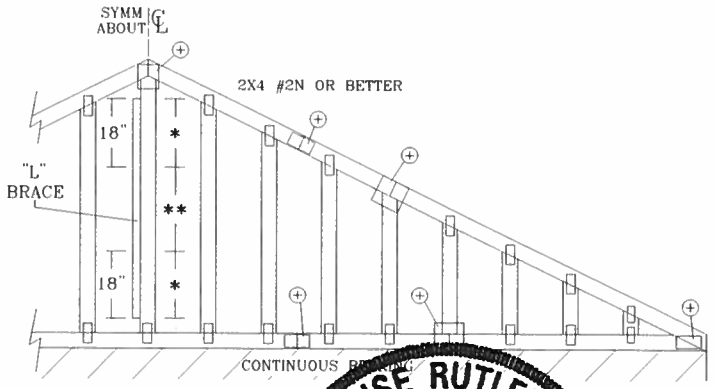
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.





REFER TO CHART ABOVE FOR [illegible] LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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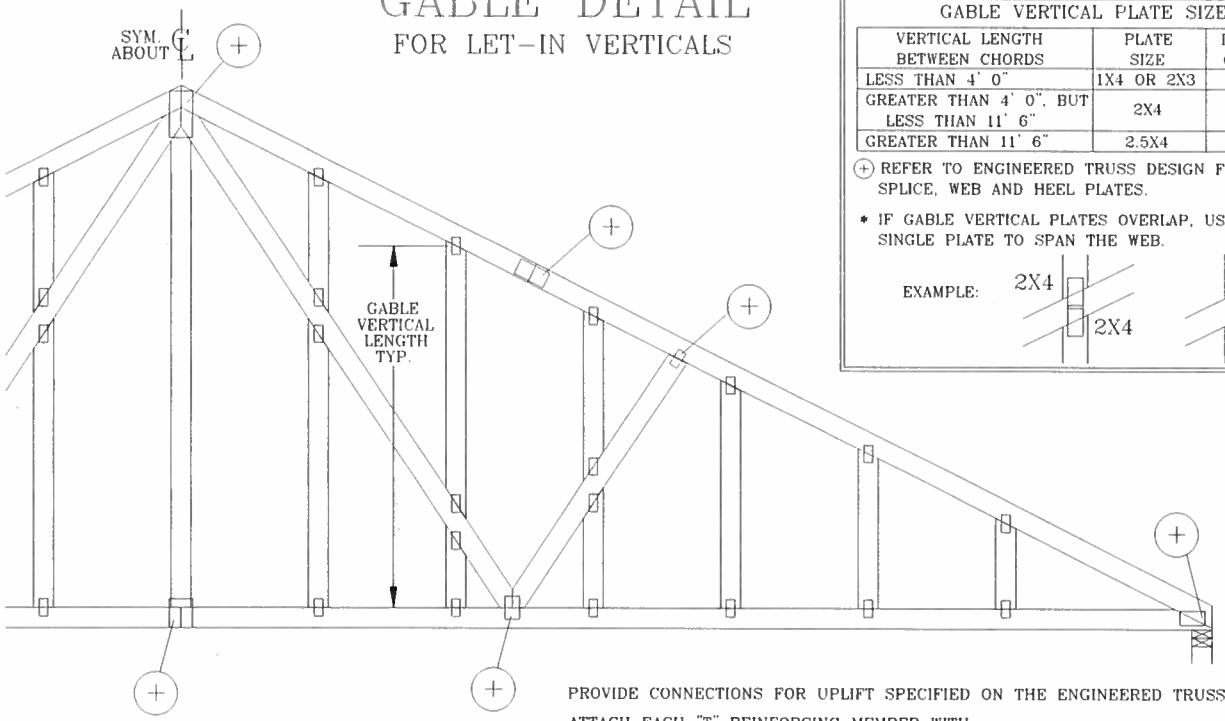
DENISE RUTLEDGE CERTIFICATE
No. 58752
STATE OF FLORIDA
07/13/2004
PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-98-GAB11015
DATE	11/26/03
DRWG	A11015EC1103
-ENG	

GABLE DETAIL
FOR LET-IN VERTICALS

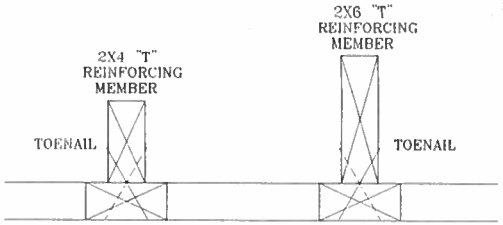


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE:



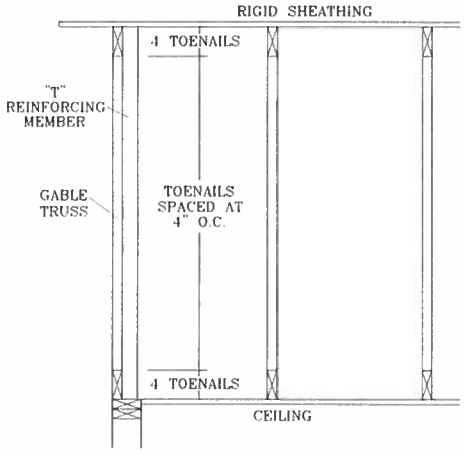
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON TOENAILS AT 4" O.C. PLUS (4) 16d COMMON TOENAILS IN TOP AND BOTTOM CHORD.
GUN DRIVEN NAILS - 0.131" X 3":
TOENAILS AT 4" O.C. PLUS (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
SBCCI GABLE DETAIL DRAWINGS
S11015EN1103, S10015EN1103, S09015EN1103, S08015EN1103, S07015EN1103
S11030EN1103, S10030EN1103, S09030EN1103, S08030EN1103, S07030EN1103

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

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER 07/13/2004

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

REF	LET-IN VERT
DATE	01/16/04
DRWG	GBLLETIN1103
-ENG	DLJ/KAR

Attn: Jimmy
758-4735

333 Pfingsten Road
Northbrook, Illinois 60062-2096
United States Country Code (1)
(847) 272-8800
Fax No. (847) 509-6395
http://www.ul.com

Underwriters Laboratories Inc.®

April 5, 2002

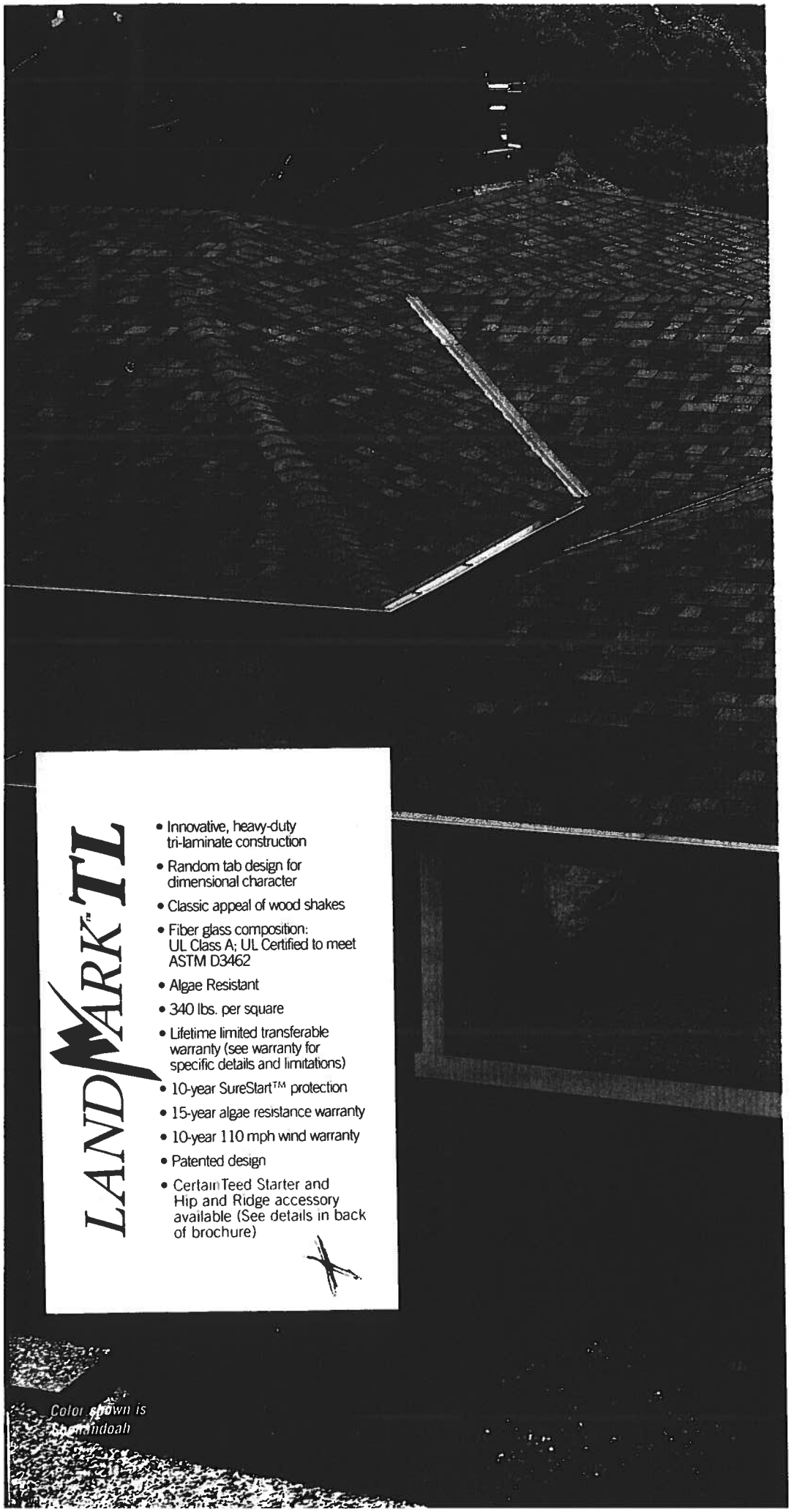
Mr. R. Allan Snyder
CertainTeed Corporation
1400 Union Meeting Road
P.O. Box 1100
Blue Bell, PA 19422

Our Reference: R684

Dear Mr. Snyder:

This is in response to your request to identify products that are currently Listed with Underwriters Laboratories Inc. Following are those products:

Product	Conforms to Standards			
	ASTM D 3462	ASTM D 3161 Modified to (110-mph)	M-DC PA 107 (110-mph)	Attachment (Minimum # Nails)
Presidential Shake TL (& AR)	YES	YES	YES	5
Presidential Shake (& AR)	YES	YES	YES	5
Grand Manor Shangle (& AR)	YES	YES	YES	5
Carriage House Shangle (& AR)	YES	YES	YES	5
Hatteras (& AR)	YES	YES	YES	5
Landmark TL/Ambassador (& AR)	YES	YES	YES	4
Landmark 50 (& AR) (formerly Landmark 40 & AR)	YES	YES	YES	4
Landmark 40 (& AR) (formerly Landmark 30 & AR)	YES	YES	YES	4
Landmark 30 (& AR) (formerly Landmark 25 & AR)	YES	YES	YES	4
Celotex Dimensional 40 (& AR)	YES	YES	YES	4
Celotex Dimensional 30 (& AR)	YES	YES	YES	4
Firehalt 2000 (& AR)	YES	YES	YES	4
High Sierra (& AR)	YES	YES	YES	4
Estate (& AR)	YES	YES	YES	4
Highlands AR	YES	YES	YES	4
Classic Horizon (& AR)	YES	YES	YES	4
CT20 (& CT20 AR)	YES	YES	YES	4
XT25 (& XT25 AR)/FungusBuster 25	YES	YES	YES	4
XT30 (& XT30 AR)	YES	YES	YES	4



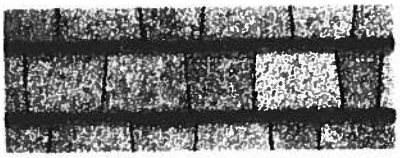
LANDMARK TL

- Innovative, heavy-duty tri-laminate construction
- Random tab design for dimensional character
- Classic appeal of wood shakes
- Fiber glass composition: UL Class A; UL Certified to meet ASTM D3462
- Algae Resistant
- 340 lbs. per square
- Lifetime limited transferable warranty (see warranty for specific details and limitations)
- 10-year SureStart™ protection
- 15-year algae resistance warranty
- 10-year 110 mph wind warranty
- Patented design
- CertainTeed Starter and Hip and Ridge accessory available (See details in back of brochure)

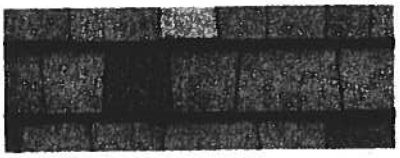
Color shown is Shenandoah

COLOR AVAILABILITY

Burnt Sienna



Cobblestone Gray



Cumberland

Moire Black

Old Overton

Resawn Shake

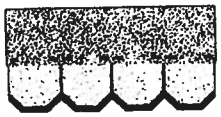
Shenandoah

Weathered Wood

Grand Manor Shangle®

Class A Fiber Glass Shingle
Lifetime Limited Transferable Warranty
Group or institutional ownership: 50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 110 mph wind-resistance warranty
Algae Resistant
Weight: 425 lbs. per square
Size: 18" x 36" – 8" Exposure
Miami-Dade accepted
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 5

Carriage House Shangle™

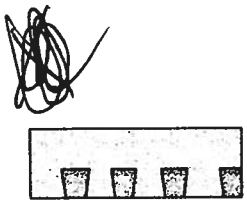


Class A Fiber Glass Shingle
Lifetime Limited Transferable Warranty
Group or institutional ownership: 50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 110 mph wind-resistance warranty
Algae Resistant
Weight: 355 lbs. per square
Size: 18" x 36" – 8" Exposure
Miami-Dade accepted
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 5

Presidential TL™

Class A Fiber Glass Shingle
Lifetime Limited Transferable Warranty
Group or institutional ownership: 50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 110 mph wind-resistance warranty
Algae Resistant
Weight: 480 lbs. per square
Size: 14 1/4" x 40" – 4" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 6

Landmark TL™

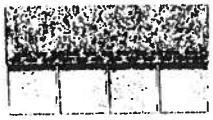


Class A Fiber Glass Shingle
Lifetime Limited Transferable Warranty
Group or institutional ownership: 50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 110 mph wind-resistance warranty
Algae Resistant
Weight: 340 lbs. per square
Size: 13 1/4" x 40" – 5 5/8" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 4

Independence Shangle® AR

Class A Fiber Glass Shingle
50-Yr. Limited Transferable Warranty
5-Yr. SureStart™ Protection
5-Year 90 mph wind-resistance warranty
Algae Resistant
Weight: 300 lbs. per square
Size: 12" x 36" – 5" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 4

Hatteras®



Class A Fiber Glass Shingle
40-Yr. Limited Transferable Warranty
5-Yr. SureStart™ Protection
10-Year 110 mph Wind Resistance Warranty
Algae Resistant
Weight: 235 lbs. per square
Size: 18" x 36" – 8" Exposure
Miami-Dade accepted
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 – 110 mph Wind Resistance
Bundles per square – 3

Presidential Shake™

Class A Fiber Glass Shingle
50-Yr. Limited Transferable Warranty
SureStart™ 10 Protection
10-Year 90 mph wind-resistance warranty
Algae Resistant
Weight: 355 lbs. per square
Size: 14 1/4" x 40" – 4" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 5

Landmark™50 AR

Class A Fiber Glass Shingle
Weight: 305 lbs. per square
Size: 13 1/4" x 38 3/4" – 5 5/8" Exposure
50-Yr. Limited Transferable Warranty
5-Year 90 mph wind-resistance warranty

Landmark™40 AR

Class A Fiber Glass Shingle
Weight: 270 lbs. per square
Size: 13 1/4" x 38 3/4" – 5 5/8" Exposure
40-Yr. Limited Transferable Warranty
5-Year 80 mph wind-resistance warranty

Landmark™30 AR

Class A Fiber Glass Shingle
Weight: 250 lbs. per square
Size: 13 1/4" x 38 3/4" – 5 5/8" Exposure
30-Yr. Limited Transferable Warranty
5-Year 70 mph wind-resistance warranty

Algae resistant in most areas
Two-piece laminated shingle
ASTM D3018 Type I
5-Yr. SureStart™ Protection
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 4 (40, 50)
Bundles per square – 3 (30)

Classic Horizon Shangle®

Class A Fiber Glass Shingle
25-Yr. Limited Transferable Warranty
5-Yr. SureStart™ Protection
Weight: 250 lbs. per square
Size: 12" x 36" – 5" Exposure
Miami-Dade accepted
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 3

Patriot ™ AR

Class A Fiber Glass Shingle
30-Year Limited Transferable Warranty
5-Year SureStart™ Protection
Algae Resistant
Weight: 235 lbs. per square
Size: 12" x 36" – 5" Exposure
ASTM D3018 Type I
UL Certified to meet ASTM D3462
UL 790 / ASTM E108 Class A Fire Resistance Rating
UL 997 / ASTM D3161 Type I Wind Resistance
Bundles per square – 3
Miami-Dade accepted