DATE 09/11/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000024957

APPLICANT LEVY SAPP PHONE 386.754.5882

ADDRESS 524 NW CARE COURT LAKE CITY FL 32055

OWNER CHARLES & DRUCILLA GAGLIANO PHONE 386.755.3682

ADDRESS 1031 SW TROY STREET LAKE CITY FL 32024

CONTRACTOR LEVY SAPP PHONE 386.754.5882

LOCATION OF PROPERTY 90- W TO SR 247-S TO TROY STREET,TURN W,CROSS C252-B & GO 6/10 OF A MILE AND PROPERTY IS ON TE R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 117750.00

HEATED FLOOR AREA 2355.00 TOTAL AREA 3265.00 HEIGHT 22.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING RSF-1 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 10-4S-16-02853-105 SUBDIVISION RUSSWOOD ESTATES

LOT 5 BLOCK PHASE UNIT 1 TOTAL ACRES 1.11

000001200		CGC046560	Barry Sapp	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
WAIVER	05-0944-N	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 3735

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by

C.O: Final _____ date/app. by

Culvert _____ date/app. by

M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 590.00 CERTIFICATION FEE $ 16.32 SURCHARGE FEE $ 16.32

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 697.64

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Prepared by:
Erin Peters
Provident Title & Mortgage, Inc.
444 SW Alachua Avenue
Lake City, Florida 32025

File Number: 06-464

General Warranty Deed

Made this August 21, 2006 A.D. By **Kevin Bedenbaugh, Sr., a married man, and Kevin BEdenbaugh, Jr , a married man,,** P.O. Box 1616, Live Oak Florida 32064, hereinafter called the grantor, to **Charles W. Gagliano II and Drucilla L. Gagliano, husband and wife,** whose post office address is: 524 NW Carr Court, Lake City, FL 32055, hereinafter called the grantee:

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

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, ($10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 5, RUSSWOOD ESTATES UNIT 1, according to the plat thereof as recorded in Plat Book 6, Page 70 of the public records of Columbia County, Florida.

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: **02853-105**

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

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2005.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Printed Name Elizabeth E. Peters

Witness Printed Name

Kevin Bedenbaugh Sr (Seal)
Kevin Bedenbaugh, Sr.
Address: P.O. Box 1616, Live Oak Florida 32064

KB Jr (Seal)
Kevin BEdenbaugh, Jr
Address: P.O. Box 1616, Live Oak Florida 32064

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 21st day of August, 2006, by Kevin Bedenbaugh, Sr., a married man, and Kevin BEdenbaugh, Jr , a married man,, who is/are personally known to me or who has produced FL. Drivers License as identification.

Elizabeth E. Peters
Notary Public
Print Name: Elizabeth E. Peters
My Commission Expires: August 6, 2010.

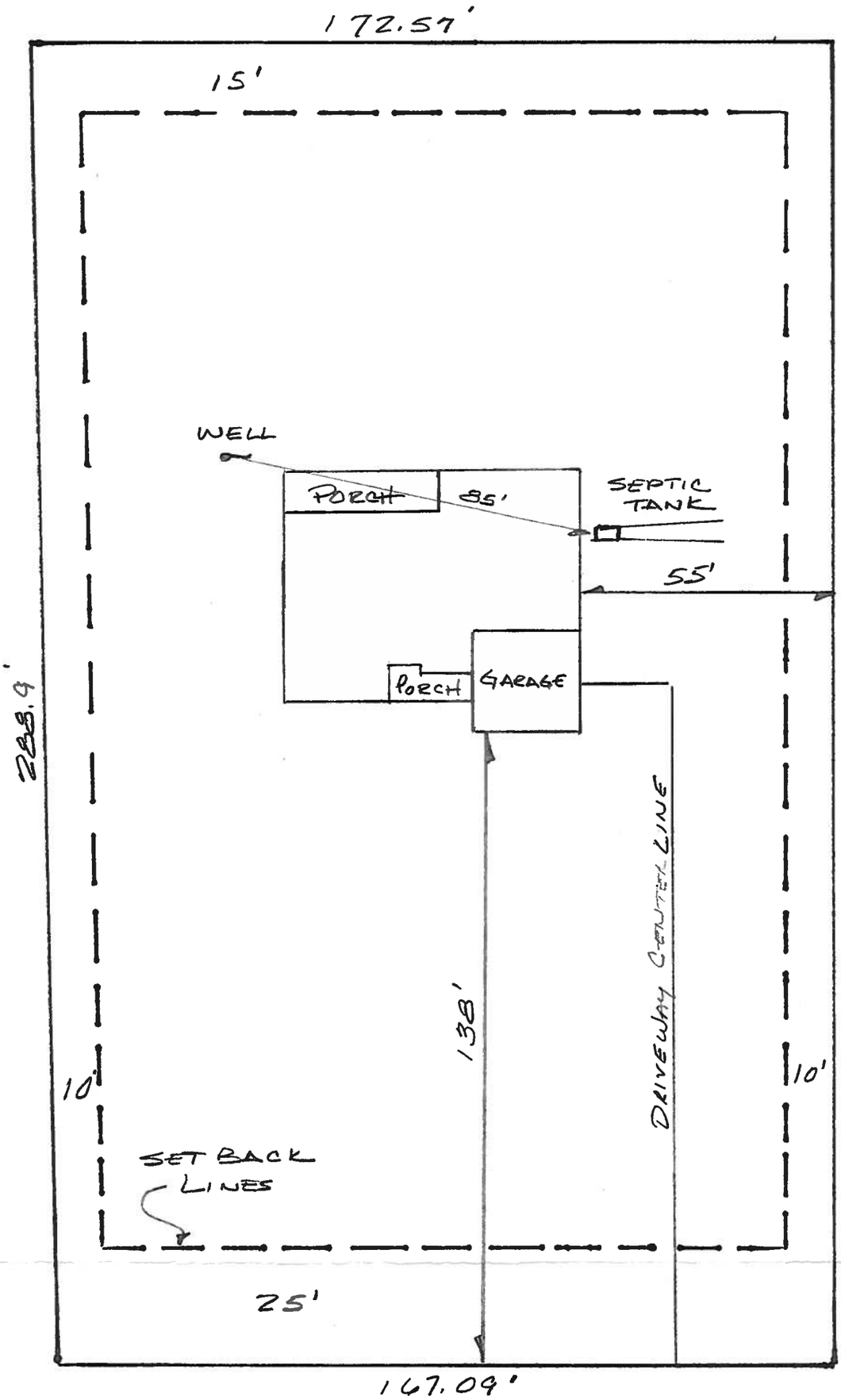
NOTARY PUBLIC-STATE OF FLORIDA
Elizabeth E. Peters
Commission # DD582013
Expires: AUG. 06, 2010
BONDED THRU ATLANTIC BONDING CO., INC.

NOTARY PUBLIC-STATE OF FLORIDA
Elizabeth E. Peters
Commission # DD582013
Expires: AUG. 06, 2010
BONDED THRU ATLANTIC BONDING CO., INC.

CHARLES & DRUCILLA GAGLIANO

PLOT PLAN

SCALE: 1" = 30'



1031
SW TROY ST.

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Sharon Teagle
Deputy Clerk
Date 08-22-06

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

PERMIT NO._____ TAX FOLIO NO._____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

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

1. Description of property: Lot 5, RUSSWOOD ESTATES, Unit 1, according to the plat thereof as recorded in Plat Book 6, Page 70, public records of Columbia County, Florida.

2. General description of improvement: **Construction of Dwelling**

3. Owner information:
   a. Name and address: Charles W. Gagliano, II and Drucilla L. Gagliano
   542 NW Carr Court, Lake City, FL 32055

   b. Interest in property: **Fee Simple**

   c. Name and address of fee simple title holder (if other than Owner): **NONE**

4. Contractor (name and address): L & L Construction, LLC
   524 NW Carr Court, Lake City, FL 32055

5. Surety:
   a. Name and address: _____

   b. Amount of bond: _____

6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
   4705 WEST U.S. HIGHWAY 90
   P. O. BOX 2029
   LAKE CITY, FLORIDA 32056

7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE

8. In addition to himself, Owner designates **PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056** to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

Borrower Name

Drucilla L. Gagliano
Co-Borrower Name

The foregoing instrument was acknowledged before me this 21st day of August, 2006, by CHARLES W. GAGLIANO, II & DRUCILLA L. GAGLIANO who is personally known to me or who has produced driver's license for identification.

Notary Public
My Commission Expires:

Inst:200619964 Date:08/22/2006 Time:15:23
DC,P.DeWitt Cason,Columbia County B:1093 P:1561

TERRY MCDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0608-84 Date Received 8/24 By JW Permit # 1200/24957

Application Approved by - Zoning Official BLK Date 30.08.06 Plans Examiner OK JTH Date 9-1-06

Flood Zone X Plat Development Permit NA Zoning RSF-2 Land Use Plan Map Category Res. Low Dev.

Comments

~~NOC~~ ~~EH~~ ~~Agent~~ ~~Letter~~

Applicants Name L & L CONSTRUCTION, LLC Phone 754-5882

Address 524 NW CARR CT. LAKE CITY, FL 32055

Owners Name CHARLES & DRUCILLA GAGLIANO Phone 755-3682

911 Address 1031 SW TROY ST. LAKE CITY, FL 32024

Contractors Name LEVY SAPP Phone 754-5882

Address 524 NW CARR CT. LAKE CITY, FL 32055

Fee Simple Owner Name & Address CHARLES & DRUCILLA GAGLIANO 524 NW CARR CT L.C. 32055

Bonding Co. Name & Address NONE

Architect/Engineer Name & Address JOHN GENTRY PO BOX 1034 PERRY, FL 32348

Mortgage Lenders Name & Address 1ST FEDERAL 4705 W. US 90 LAKE CITY, FL 32055

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progressive Energy

Property ID Number 10-4-16-02853-105 Estimated Cost of Construction $140,000.00

Subdivision Name RUSSWOOD ESTATES Lot 5 Block NA Unit 1 Phase

Driving Directions 90 WEST, SOUTH ON 247, WEST ON SW TROY ST., CROSS 252-B 4/10 MILE TO PROPERTY ON RIGHT

Type of Construction WOOD FRAME - RESIDENTIAL Number of Existing Dwellings on Property 0

Total Acreage 1.11 Lot Size ____ Do you need a - Culvert Permit or (Culvert Waiver) or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 138' Side 55' Side 50' Rear 96'

Total Building Height 22' Number of Stories 1 Heated Floor Area 2355 SQ' Roof Pitch 6:12

TOTAL 3265

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

L & L CONST. LLC - Levy Sapp
Owner Builder or Agent (Including Contractor)

Levy Sapp
Contractor Signature
Contractors License Number CBC046500
Competency Card Number
NOTARY STAMP/SEAL

DANIELLE L. MESSER
MY COMMISSION # DD 233085
EXPIRES: July 16, 2007
Bonded Thru Budget Notary Services

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 24 day of August 20 06.

Personally known ✓ or Produced Identification ____

Danielle L. Messer
Notary Signature

JHN: WEEGHEN

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001200

DATE: 09/11/2006 BUILDING PERMIT NO. 24957

APPLICANT LEVY SAPP PHONE 386.754.5882

ADDRESS 524 NW CARE COURT LAKE CITY FL 32055

OWNER CHARLES & DRUCILLA GAGLIANO PHONE 386.755.3682

ADDRESS 1031 SW TROY STREET LAKE CITY FL 32024

CONTRACTOR LEVY SAPP PHONE 386.754.5882

LOCATION OF PROPERTY 90- W TO SR 247-S TO TROY STREET,TURN W,CROSS C252-B & GO 6/10 OF A MILE TO PROPERTY ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT RUSSWOOD ESTATES 5 1

PARCEL ID # 10-4S-16-02853-105

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Levy Sapp

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: Perry Little DATE: SEPT-15-06

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

RECEIVED
SEP 13 2006
BY:

COLUMBIA COUNTY GATEWAY TO FLORIDA

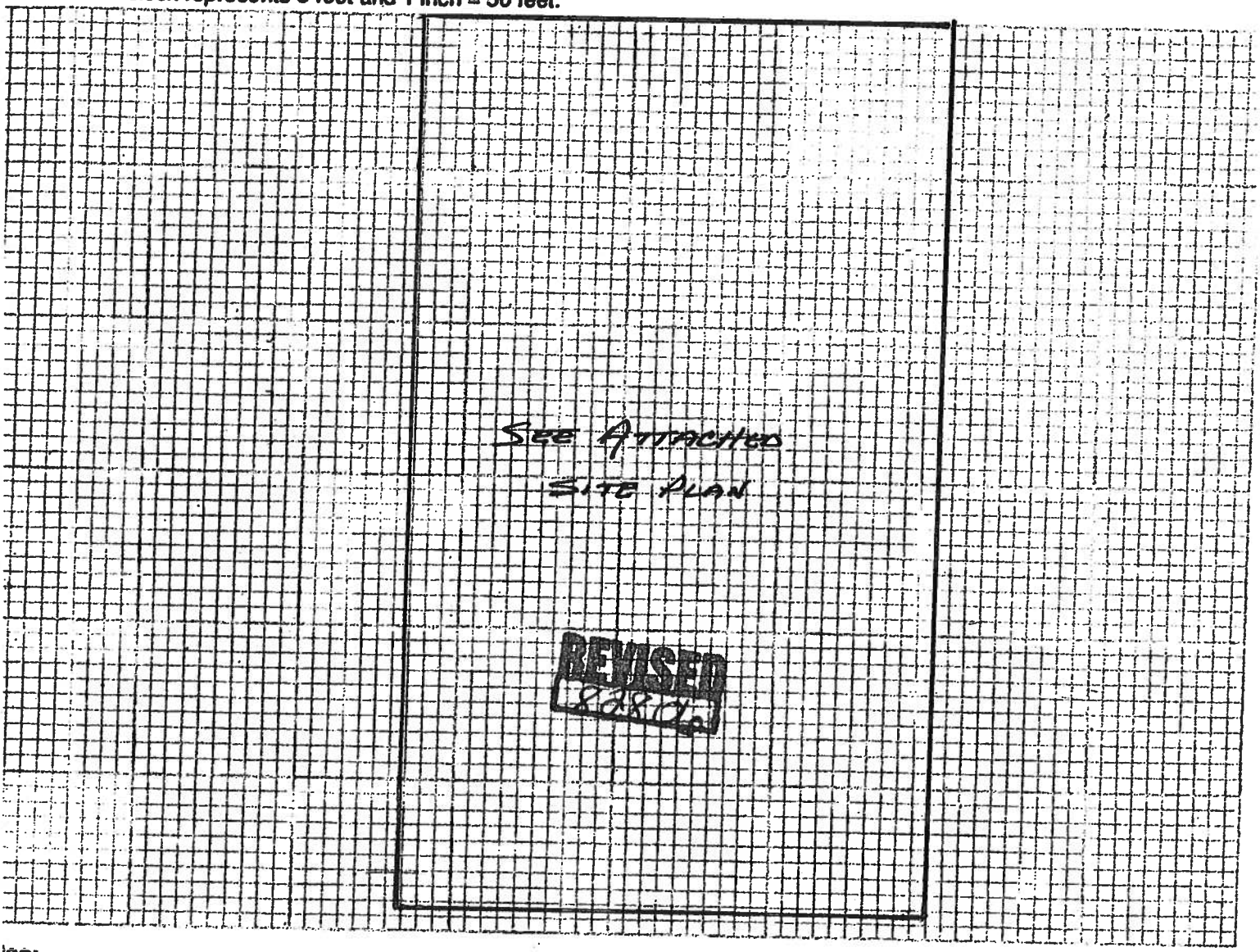
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0944-N

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



les:

Plan submitted by: APPROVED Signature AGENT Title

Approved Not Approved Columbia CHD Date 8/24/6

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

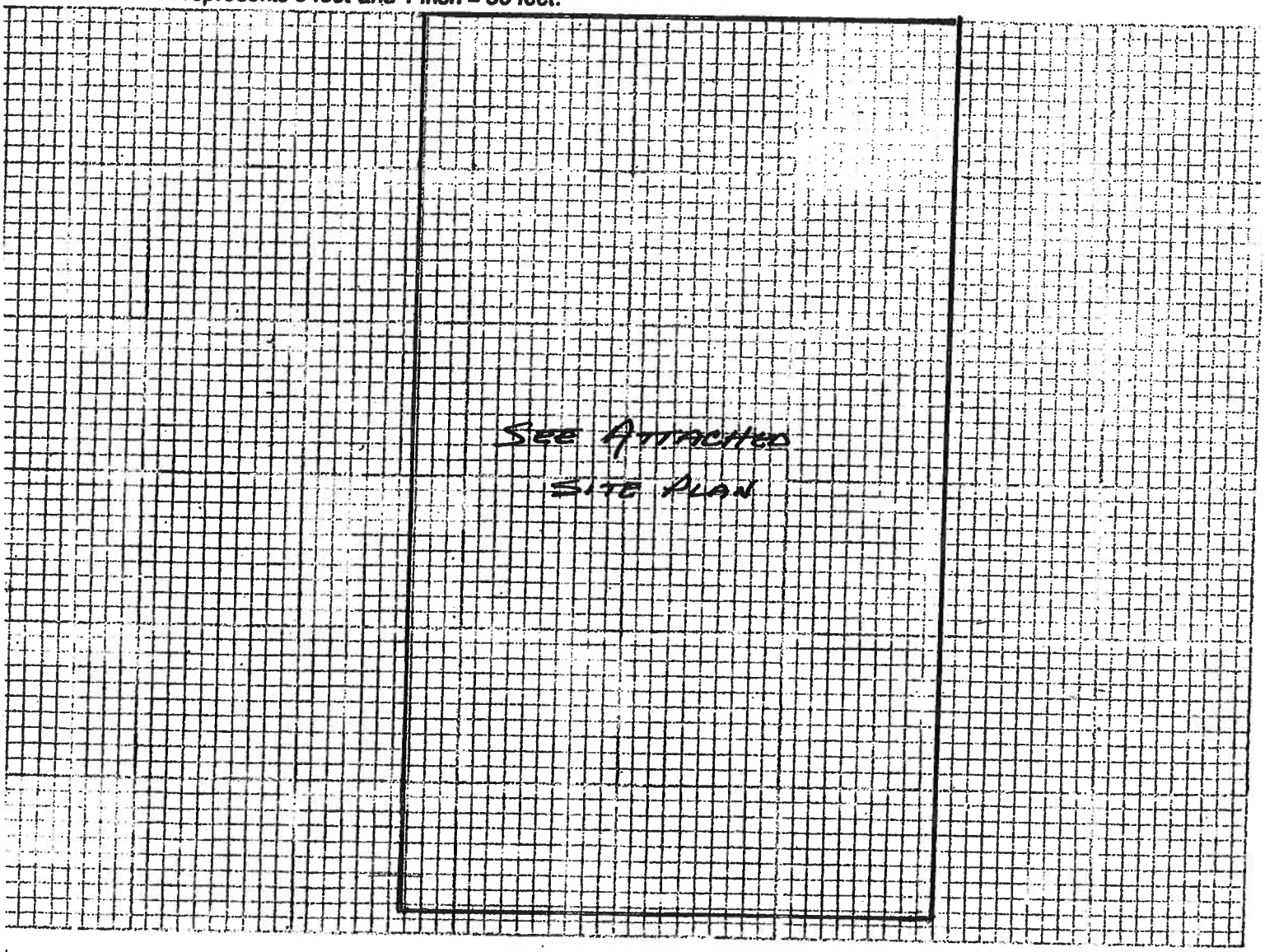
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0944-N

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

GAGLIANO

1031 SW TROY ST.

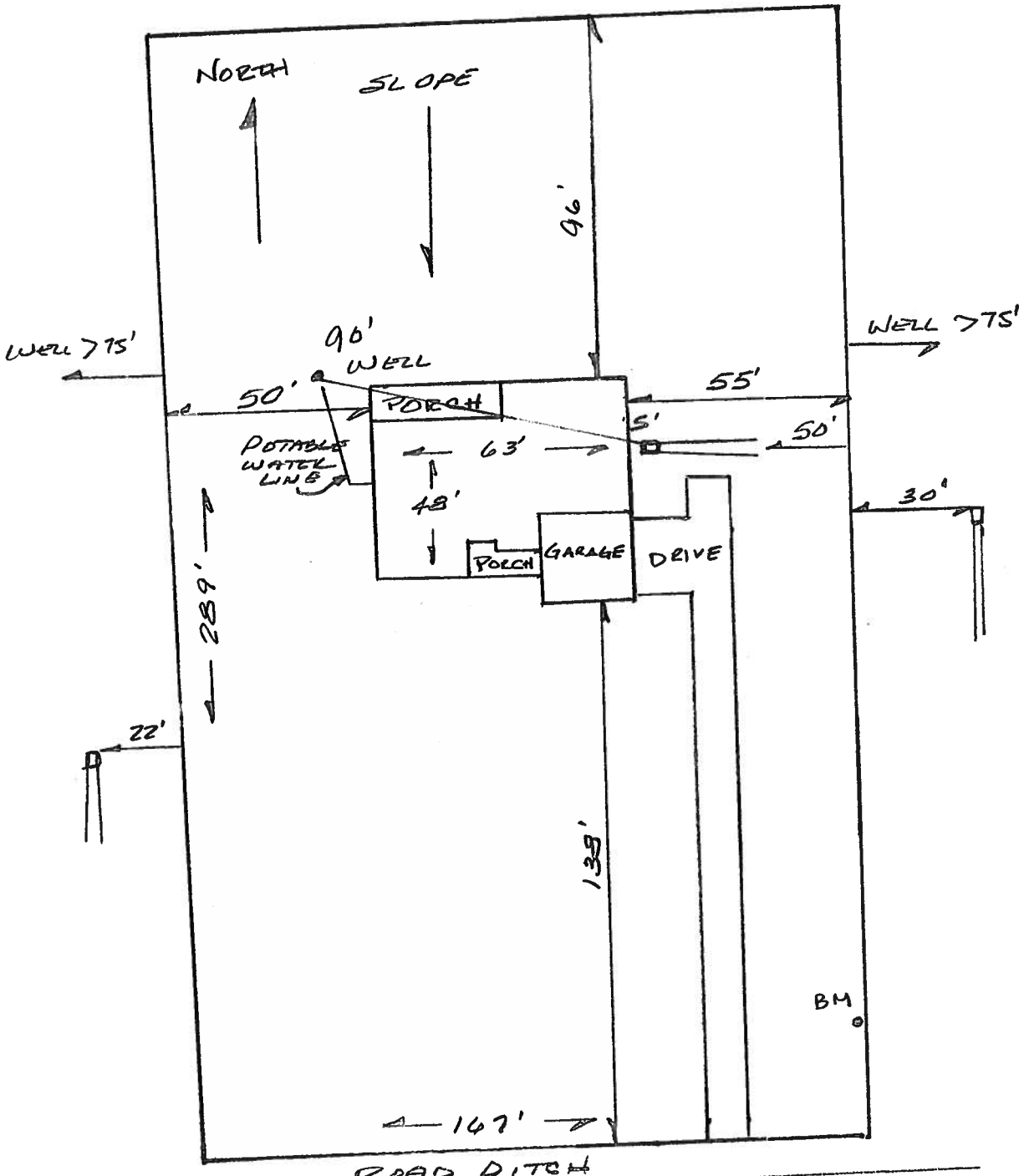
10-4-16-02853-105

Site Plan submitted by: APPROVED Signature AGENT Title

Plan Approved Not Approved Columbia CHD Date 8/24/16

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



Jerry Sapp - AGENT

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.0

The higher the score, the more efficient the home.

24957

Gagaliano Residence, . . . 221000:

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	4	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	2355 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT)	7a. (Dble, U=0.6) 92.1 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 218.1 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 253.7(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 2276.7 ft²	
	b. Frame, Wood, Adjacent	R=11.0, 383.3 ft²	
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 2850.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 219.0 ft	
	b. N/A		
12.	Cooling systems		
	a. Central Unit	Cap: 48.0 kBtu/hr SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 48.0 kBtu/hr HSPF: 8.00	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 40.0 gallons EF: 0.92	
	b. N/A		
	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: [signature] Date: 8-23-06

Address of New Home: 1031 SW Troy St City/FL Zip: Lake City, FL 32024

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST *

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

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4

FORM 600A-2004

EnergyGauge® 4.21

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

FORM 600A-2004

EnergyGauge® 4.21

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT						
WATER HEATING									
Number of Bedrooms	X Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
4	2635.00	10540.0	40.0	0.92	4	1.00	2635.00	1.00	10540.0
			As-Built Total:						10540.0

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
13819	13971	10540	38330	8915	10704	10540	30159

PASS

FORM 600A-2004

EnergyGauge® 4.21

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: ,,, PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**22267.9**	**Winter As-Built Points:**					**21790.8**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 48000 btuh ,EFF(8.0) Ducts Unc(S),Con(R),Int(AH),R6.0					
			21790.8	1.000	(1.060 x 1.169 x 0.93)	0.426	1.000	10703.9
22267.9	**0.6274**	**13970.9**	**21790.8**	**1.00**	**1.152**	**0.426**	**1.000**	**10703.9**

FORM 600A-2004

EnergyGauge® 4.21

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	2365.0	12.74	5400.5	Double,U=0.61,Clear	E	1.5	6.0	92.1	11.68	1.04	1114.1
				Double,U=0.61,Clear	N	1.5	6.0	30.0	17.34	1.00	521.4
				Double,U=0.61,Clear	W	1.5	6.0	90.0	13.51	1.02	1244.8
				Double,U=0.61,Clear	S	1.5	4.0	6.0	6.22	1.35	50.5
				As-Built Total:				218.1			2930.9
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points
Exterior	2276.7	3.70	8423.8	Frame, Wood, Exterior			13.0	2276.7	3.40		7740.8
Adjacent	383.3	3.60	1379.9	Frame, Wood, Adjacent			11.0	383.3	3.60		1379.9
Base Total:	2660.0		9803.7	As-Built Total:				2660.0			9120.7
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM	=	Points
Exterior	42.0	8.40	352.8	Exterior Wood				42.0	12.30		516.6
Adjacent	0.0	0.00	0.0								
Base Total:	42.0		352.8	As-Built Total:				42.0			516.6
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points
Under Attic	2850.0	2.05	5842.5	Under Attic			30.0	2850.0	2.05 X	1.00	5842.5
Base Total:	2850.0		5842.5	As-Built Total:				2850.0			5842.5
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points
Slab	253.7(p)	8.9	2257.9	Slab-On-Grade Edge Insulation			0.0	253.7(p	18.80		4769.6
Raised	0.0	0.00	0.0								
Base Total:			2257.9	As-Built Total:				253.7			4769.6
INFILTRATION	Area X	BWPM =	Points					Area X	WPM	=	Points
	2355.0	-0.59	-1389.4					2355.0	-0.59		-1389.4

FORM 600A-2004

EnergyGauge® 4.21

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 32394.0			**Summer As-Built Points:**					**30096.3**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 46000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
32394.0	0.4266	13819.3	30096 **30096.3**	1.00 **1.00**	(1.08 x 1.147 x 0.91) **1.128**	0.263 **0.263**	1.000 **1.000**	8915.3 **8915.3**

FORM 600A-2004

EnergyGauge® 4.21

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	2366.0	20.04	8495.0	Double,U=0.61,Clear	E	1.5	6.0	92.1	43.20	0.91	3631.3
				Double,U=0.61,Clear	N	1.5	6.0	30.0	20.46	0.94	576.2
				Double,U=0.61,Clear	W	1.5	6.0	90.0	39.69	0.91	3262.8
				Double,U=0.61,Clear	S	1.5	4.0	6.0	37.01	0.74	163.8
				As-Built Total:				218.1			7634.1
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Exterior	2276.7	1.70	3870.4	Frame, Wood, Exterior			13.0	2276.7	1.50		3415.0
Adjacent	383.3	0.70	268.3	Frame, Wood, Adjacent			11.0	383.3	0.70		268.3
Base Total:	2660.0		4138.7	As-Built Total:				2660.0			3683.4
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Exterior	42.0	4.10	172.2	Exterior Wood				42.0	6.10		256.2
Adjacent	0.0	0.00	0.0								
Base Total:	42.0		172.2	As-Built Total:				42.0			256.2
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	2850.0	1.73	4930.5	Under Attic			30.0	2850.0	1.73 X 1.00		4930.5
Base Total:	2850.0		4930.5	As-Built Total:				2850.0			4930.5
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	253.7(p)	-37.0	-9386.9	Slab-On-Grade Edge Insulation			0.0	253.7(p	-41.20		-10452.4
Raised	0.0	0.00	0.0								
Base Total:			-9386.9	As-Built Total:				253.7			-10452.4
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	2355.0	10.21	24044.6					2355.0	10.21		24044.6

EnergyGauge® 4.21

FORM 600A-2004

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	Gagliano Residence	Builder:	Glenn I. Jones Inc.
Address:		Permitting Office:	
City, State:	,	Permit Number:	
Owner:	Gagaliano Residence	Jurisdiction Number:	
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 48.0 kBtu/hr SEER: 13.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	4	c. N/A	
5. Is this a worst case?	No	13. Heating systems	
6. Conditioned floor area (ft²)	2355 ft²	a. Electric Heat Pump	Cap: 48.0 kBtu/hr HSPF: 8.00
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor: (or Single or Double DEFAULT)	7a. (Dble, U=0.6) 92.1 ft²	c. N/A	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 218.1 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 40.0 gallons EF: 0.92
a. Slab-On-Grade Edge Insulation	R=0.0, 253.7(p) ft	b. N/A	
b. N/A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 2276.7 ft²		
b. Frame, Wood, Adjacent	R=11.0, 383.3 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2850.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 219.0 ft		
b. N/A			

Glass/Floor Area: 0.09 Total as-built points: 30159 Total base points: 38330 **PASS**

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

PREPARED BY: Louis Weeks

DATE: 8-24-06

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

OWNER/AGENT: [signature]

DATE: 8-24-06

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

BUILDING OFFICIAL: _____

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Project Summary
Entire House
Glenn I. Jones Inc.

Job: Gagliano Residence
Date:
By:

552 N.W. Hilton Ave., Lake City, Fl 32055 Phone: (386)752-5389 Fax: (386)755-3401 Email: louis@bizsee.rr.com, Web: www.glennjones.com

Project Information

For: L & L Construction

Notes:

Design Information

Weather: Jacksonville Cecil Fld Ne, FL, US

Winter Design Conditions

Outside db	34 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	94 °F
Inside db	75 °F
Design TD	19 °F
Daily range	M
Relative humidity	50 %
Moisture difference	41 gr/lb

Heating Summary

Structure	30952 Btuh
Ducts	4395 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	35347 Btuh

Sensible Cooling Equipment Load Sizing

Structure	26249 Btuh
Ducts	5176 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/sizing multiplier	0.99
Equipment sensible load	30242 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2355	2355
Volume (ft³)	23548	23548
Air changes/hour	0.70	0.40
Equiv. AVF (cfm)	275	157

Latent Cooling Equipment Load Sizing

Structure	5766 Btuh
Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	5766 Btuh
Equipment total load	36008 Btuh
Req. total capacity at 0.70 SHR	3.6 ton

Heating Equipment Summary

Make Carrier
Trade Model 38BYG Heat Pump
Model 38BYG04830

Efficiency	8 HSPF
Heating input	
Heating output	48000 Btuh @ 47°F
Temperature rise	27 °F
Actual air flow	1600 cfm
Air flow factor	0.045 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	

Cooling Equipment Summary

Make Carrier
Trade Model 38BYG Heat Pump
Cond 38BYG04830
Coil FK4DNF005

Efficiency	13 SEER
Sensible cooling	33600 Btuh
Latent cooling	14400 Btuh
Total cooling	48000 Btuh
Actual air flow	1600 cfm
Air flow factor	0.053 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.84

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

Columbia County Building Department Waiver No.

Culvert Waiver Permit / Application

APPLICANT Levy Sapp PHONE 754-5882

ADDRESS 524 NW Carr Ct. Lake City, FL 32055

OWNER Charles & Drucilla Gagliano PHONE 755-3682

ADDRESS 524 NW Carr Ct. Lake City, FL 32055

CONTRACTOR L & L Construction, LLC PHONE 754-5882

LOCATION OF PROPERTY 1031 SW Troy St. Lake City, FL 32024

90 West, South on 247, West on Troy St, Cross 2520

4/10 mile to property on Right

PARCEL ID # 02853-105

SUBDIVISION (Lot/Block/Phase/Unit) Lot 5, Russwood Estates Unit 1

I HEREBY CERTIFY THAT I UNBERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNED: Levy Sapp DATE: 8-23-06

FEE: $ 50.00 A SEPARATE CHECK IS REQUIRED. MAKE CHECKS PAYABLE TO BCC.

Paid

Public Works Department Use Only

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINE THAT THE CULVERT WAIVER IS:

_____ APPROVED _____ NOT APPROVED – NEEDS A CULVERT PERMIT

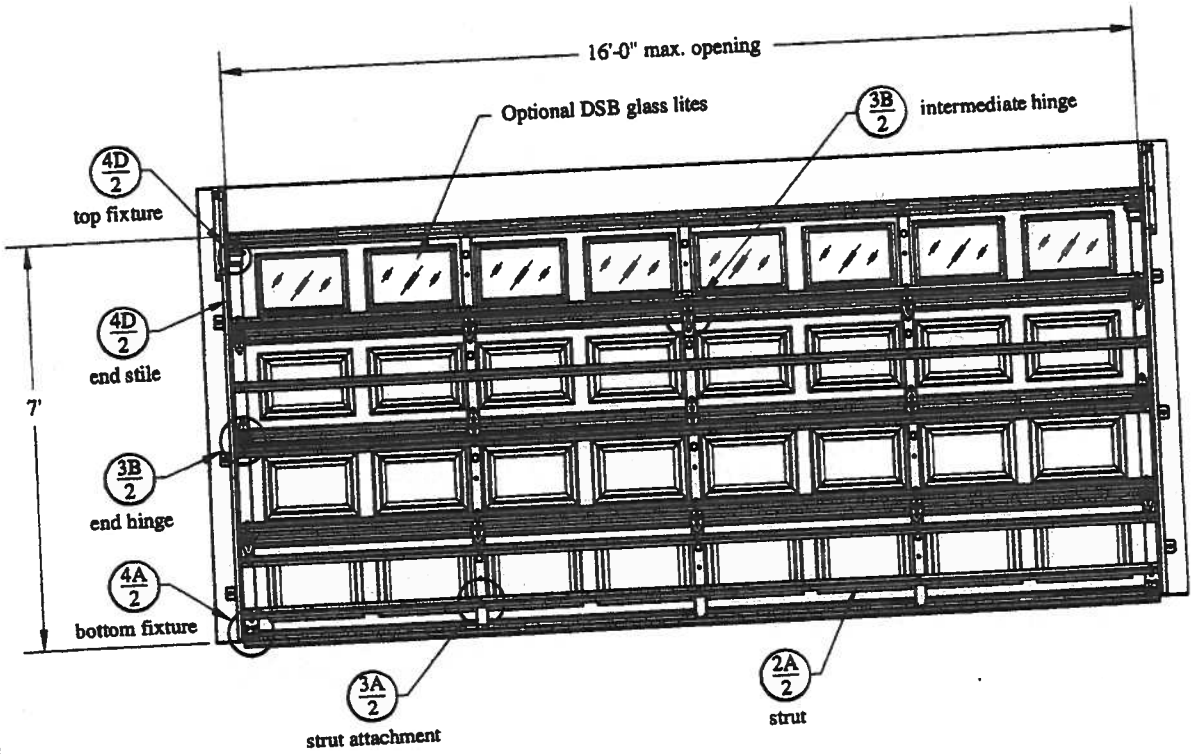
COMMENTS _____

SIGNED: _____ DATE: _____

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

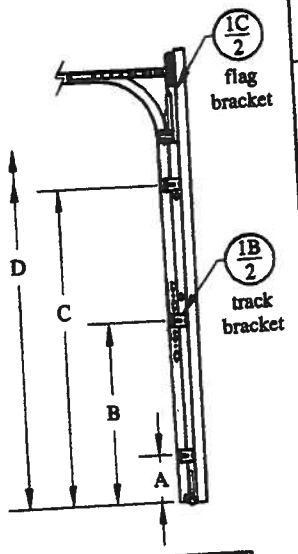
135 NE Hernando Ave., Suite B-21, Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Door Model	Gauge	Decimal
2250/2251	25	.0185
4250/4251	25	.0185
2240/2241	24	.0225
4240/4241	24	.0225
5240/5241	24	.0225



door height	section quantity	strut quantity	trk brkt per side
6'-6" to 7'-0"	4	7	3
7'-6" to 8'-0"	5	8	4
8'-3" to 8'-9"	5	9	4
9'-0" to 10'-6"	6	11	5
10'-9" to 12'-3"	7	13	6
12'-6" to 14'-0"	8	15	7

Refer to Supplemental Instructions for strut placement on doors over 7'-0" high



Track Bracket Chart		door height								
		6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"
track brackets	D	n/a	n/a	n/a	72"	69"	72"	81"	84"	87"
	C	60"	63"	66"	58"	55"	58"	60"	63"	66"
	B	35"	35"	38"	34"	31"	34"	32"	35"	38"
	A	10"	7"	10"	10"	7"	10"	4"	7"	10"

Track bracket locations shown above are for doors up to five sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced at a distance not greater than the corresponding section height.

This door has been tested in accordance with ANSI/DASMA 108-2002
Design Pressure (DP): 18.5 pos / 20.7 neg
Test Pressure (TP): 27.8 pos / 31.1 neg

Per 2004 FBC Table 1609.6E, DP meets or exceeds basic wind speed of;
V = 110 MPH for Exposure B and mean roof height of 30' or less
V = 93 MPH for Exposure C and mean roof height of 30' or less

Maximum door size: 16'-0" wide by 14'-0" tall

Glazing and door have not been tested for windborne debris.

Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.

If door is not electrically operated, a lock must be installed.

Professional Engineer's seal provided only for verification of windload construction details

John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

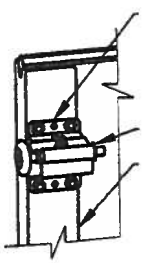
FL 5519

C.H.I.

SCALE nts
DATE 10-25-2005

Model 2250/51 (16'-0" wide)
C.H.I. Drawing: Z3-1607-01100

Details on some views may have been omitted for clarity.



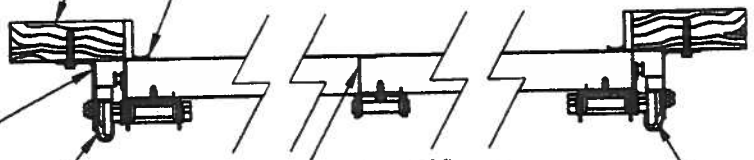
14 gauge (.070) galvanized steel top fixture. Each fixture attached with four 1/4" x 3/4" screws.

push nut

20 gauge (.036) end stile manufactured by C.H.I.
Strut, if applicable, not shown for clarity.

The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

2" x 7/16" (nominal) Stop molding required (not supplied by C.H.I.)

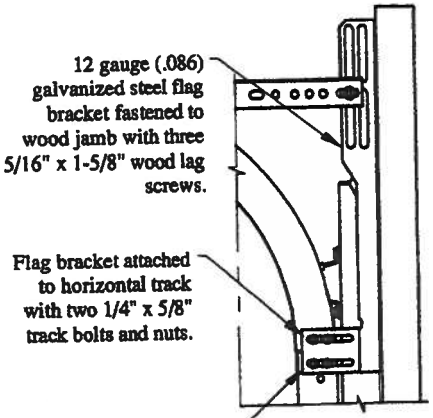


12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

20 gauge (.036) center stile manufactured by C.H.I.

2" steel roller

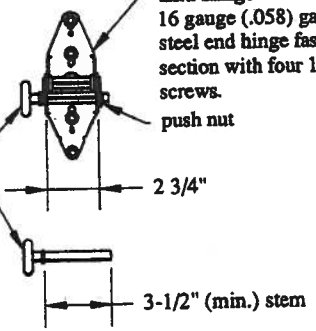
2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.



12 gauge (.086) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.

Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts.



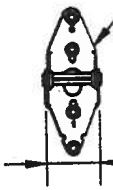
End Hinge
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.

push nut

2" steel track roller.

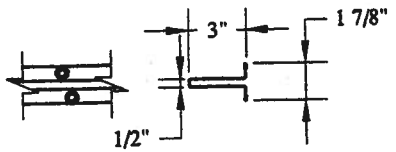
2 3/4"

3-1/2" (min.) stem



Intermediate Hinge
18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2 3/4"

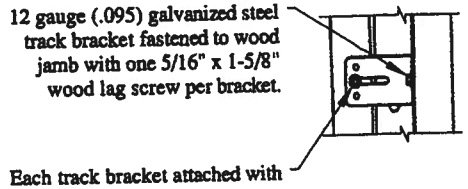


3"

1 7/8"

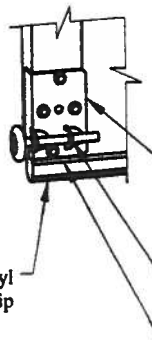
1/2"

20 gauge (.034) 33 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.



12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 11/32" rivets.



12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

Vinyl weatherstrip

push nut

Aluminum extrusion

Design Load: 18.5 pos / 20.7 neg
Test Load: 27.8 pos / 31.1 neg
page 2 of 2

Professional Engineer's seal provided only for verification of windload construction details

John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

C.H.I. SCALE nts DATE 10-25-2005

Model 2250/51 (16'-0" wide)
C.H.I. Drawing: Z3-1607-01100

PRODUCT APPROVAL SPECIFICATION SHEET

ɔcation:_____ **Project Name:**_____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			FL 4242-1
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			FL. 6079.7
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding Hardie			FL. 889 -122
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			Shingles Hip SS
D. ROOFING PRODUCTS			728.4, 728.5, 728.6
1. Asphalt Shingles	ELK	Shingles	
2. Underlayments			30RF→ FL. 1614.3
3. Roofing Fasteners			15RF→ FL. 1814.1
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SZL487-Z0408104123

Truss Fabricator:	Anderson Truss Company
Job Identification:	6-288--L&L Construction Gagliano -- , **
Truss Count:	31
Model Code:	Florida Building Code 2004
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.24.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 32.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 08/08/2006

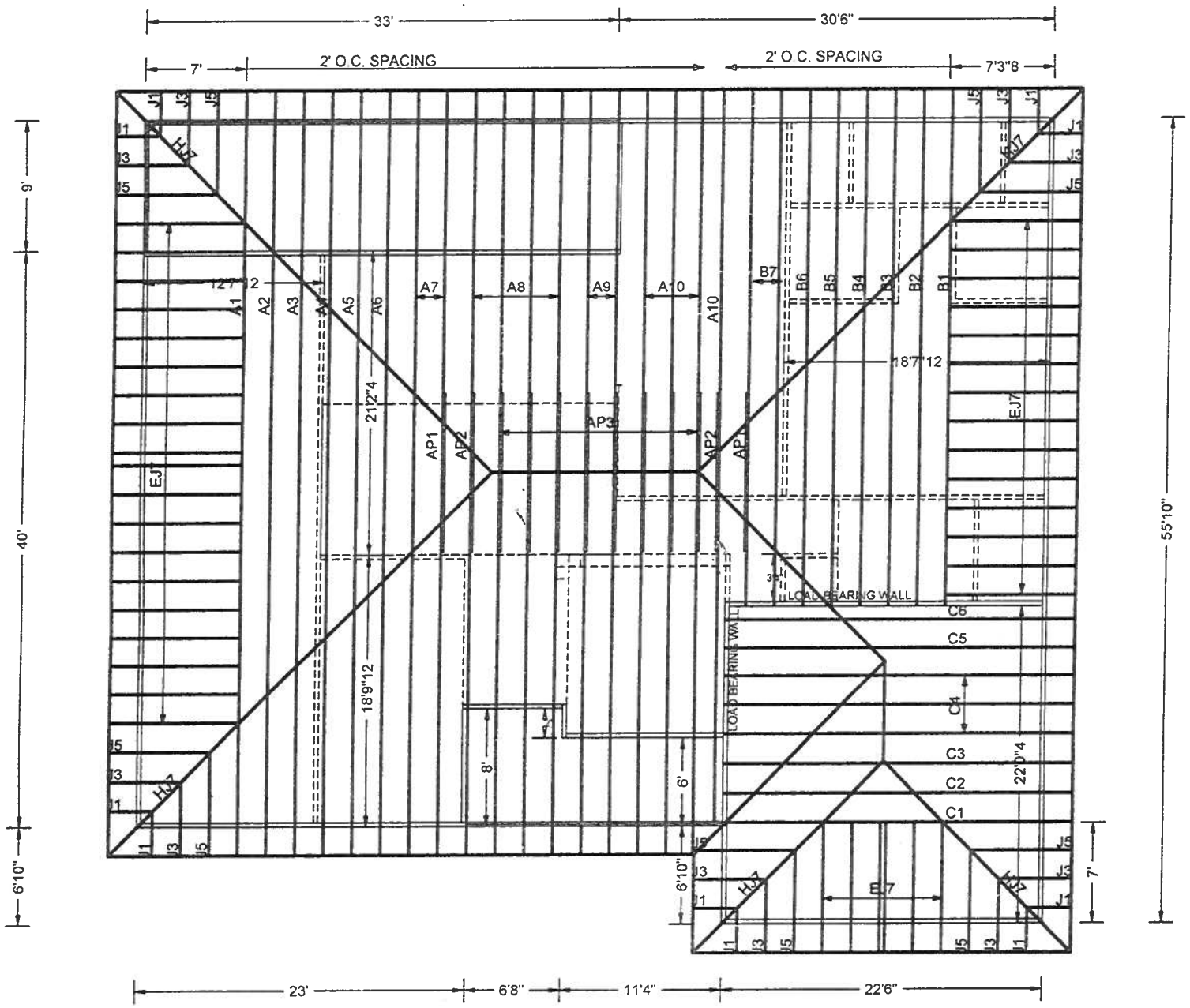
-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

Notes:

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

Details: CNBRGBLK-PIGBACKA-PIGBACKB-

#	Ref	Description	Drawing#	Date
1	94885	--A1	06220015	08/08/06
2	94886	--A2	06220023	08/08/06
3	94887	--A3	06220024	08/08/06
4	94888	--A4	06220025	08/08/06
5	94889	--A5	06220026	08/08/06
6	94890	--A6	06220019	08/08/06
7	94891	--A7	06220027	08/08/06
8	94892	--A8	06220034	08/08/06
9	94893	--A9	06220029	08/08/06
10	94894	--A10	06220030	08/08/06
11	94895	--B1	06220154	08/08/06
12	94896	--B2	06220145	08/08/06
13	94897	--B3	06220146	08/08/06
14	94898	--B4	06220147	08/08/06
15	94899	--B5	06220148	08/08/06
16	94900	--B6	06220149	08/08/06
17	94901	--B7	06220150	08/08/06
18	94902	--C1	06220031	08/08/06
19	94903	--C2	06220028	08/08/06
20	94904	--C3	06220018	08/08/06
21	94905	--C4	06220151	08/08/06
22	94906	--C5	06220152	08/08/06
23	94907	--C6	06220153	08/08/06
24	94908	--HJ7	06220016	08/08/06
25	94909	--EJ7	06220022	08/08/06
26	94910	--J5	06220017	08/08/06
27	94911	--J3	06220020	08/08/06
28	94912	--J1	06220021	08/08/06
29	94913	--AP1	06220032	08/08/06
30	94914	--AP2	06220033	08/08/06
31	94915	--AP3	06220035	08/08/06



#6-288 L&L CONSTRUCTION - GAGLIANO

REV. 8/8/06

Scale: 3/32" = 1'

Top chord 2x8 SP SS :T1, T5 2x4 SP #2 Dense:
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W5, W7 2x4 SP #2 Dense:

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

(1) 2x4X2-6-0 SP #2 Dense Top chord scab centered 48-9-10 from left end. Attach to one face of chord with (2) rows of 12d_Common_(0.148"x3.25",_min.)_nails @ 6" O.C., staggered 3".

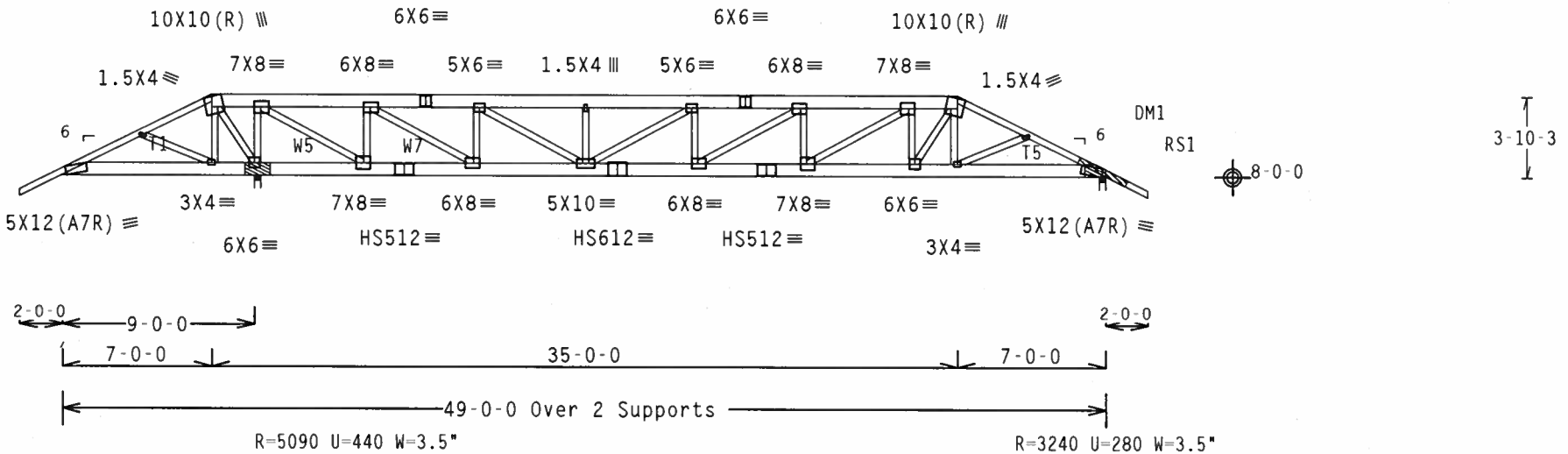
Bearing blocks: Nail type: 12d_Common_(0.148"x3.25",_min.)_nails

BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
1	9.000'	1	14"	14	Match Truss
2	48.708'	1	12"	4	Match Truss

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK1103 for additional information.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94885
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220015
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118864
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

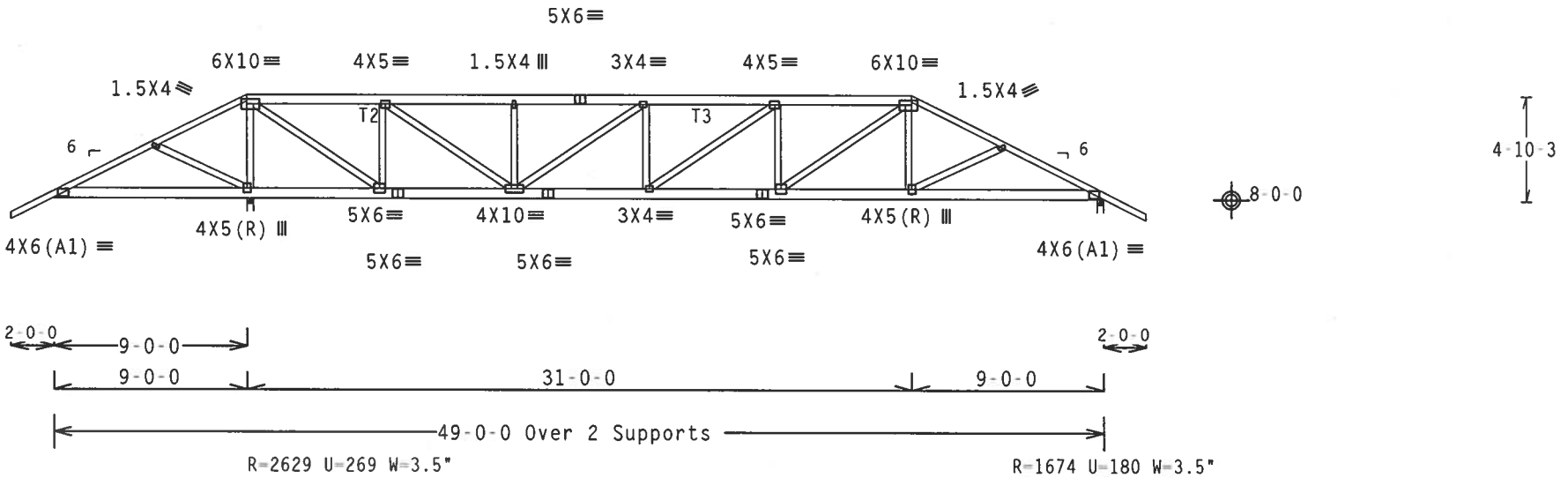
Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 [illegible] QTY:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 08 '06

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible] # 567

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TC LL	20.0 PSF	REF R487-- 94886
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220023
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118874
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6-288--L&L Construction Gagliano -- , ** - A3)

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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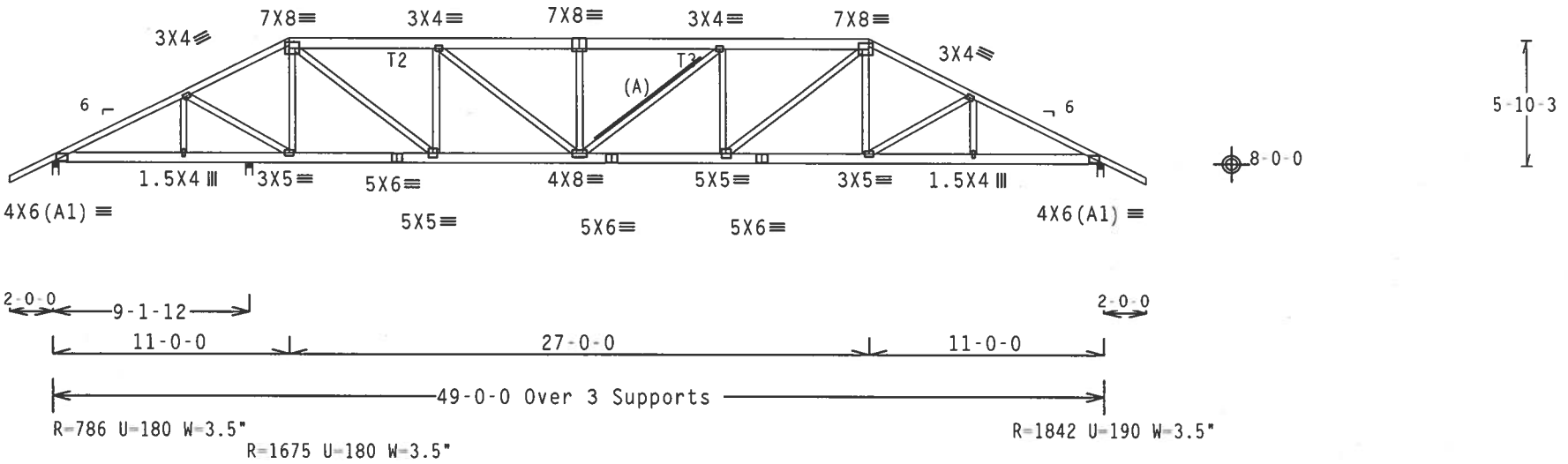

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No.59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94887
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220024
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118879
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

Top chord 2x4 SP #2 Dense :T3, T4 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

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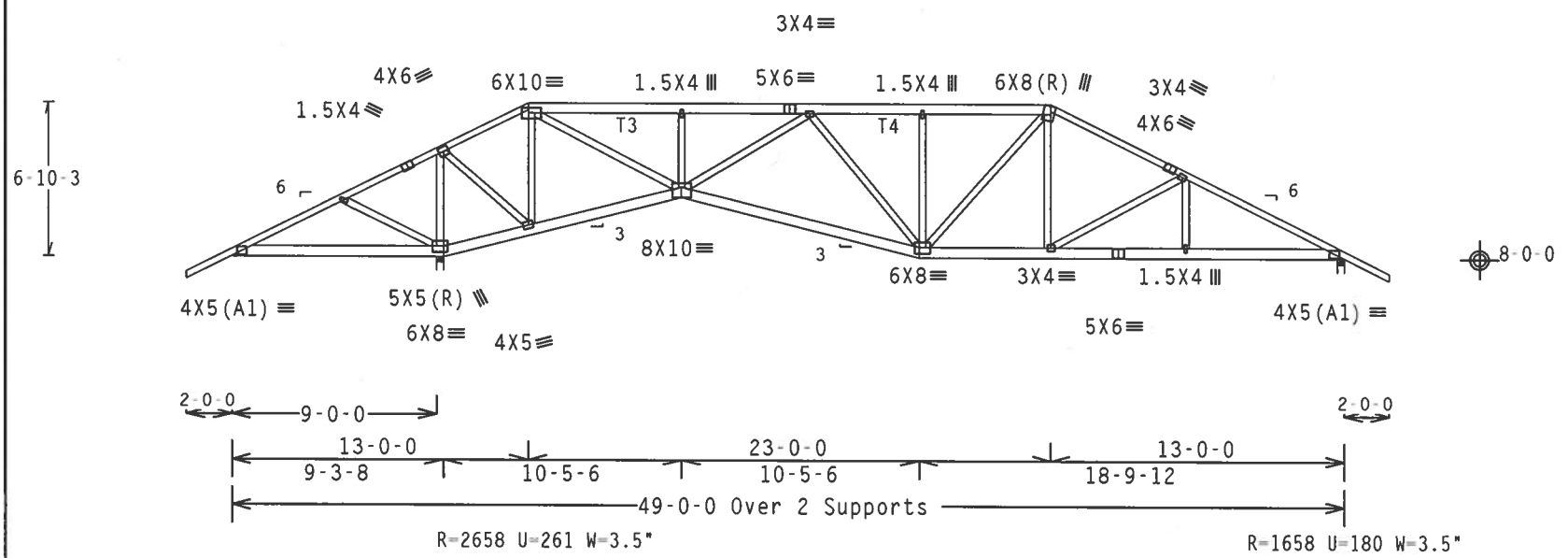
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.3 QTY:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

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ARTHUR R. FISHER LICENSE No.59887 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 08 06

ALPINE

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

TC LL	20.0 PSF	REF R487-- 94888
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220025
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118897
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6 288 L&L Construction Gagliano , ** A5)

Top chord 2x4 SP #2 Dense :T3, T4 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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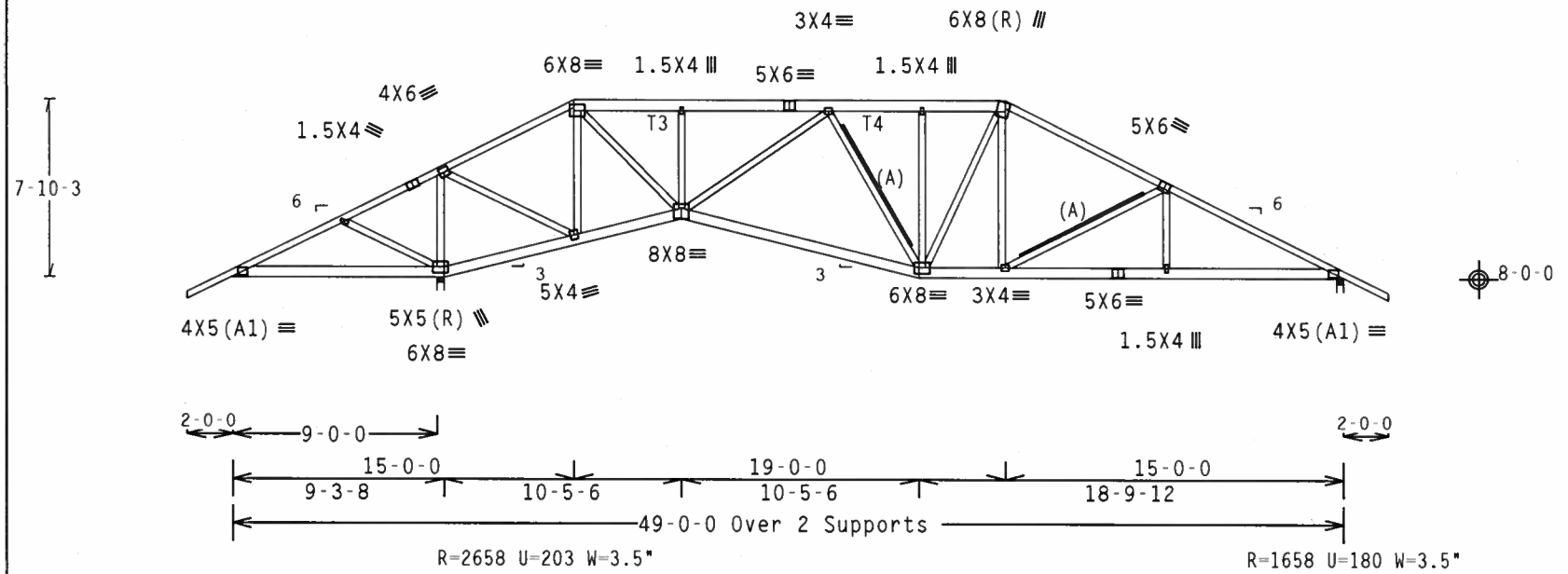

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 [illegible]TY:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]ficate of A[illegible]n # 567

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

AUG 08 '06

TC LL	20.0 PSF	REF R487-- 94889
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220026
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118911
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

Top chord 2x6 SP #1 Dense :T1, T5 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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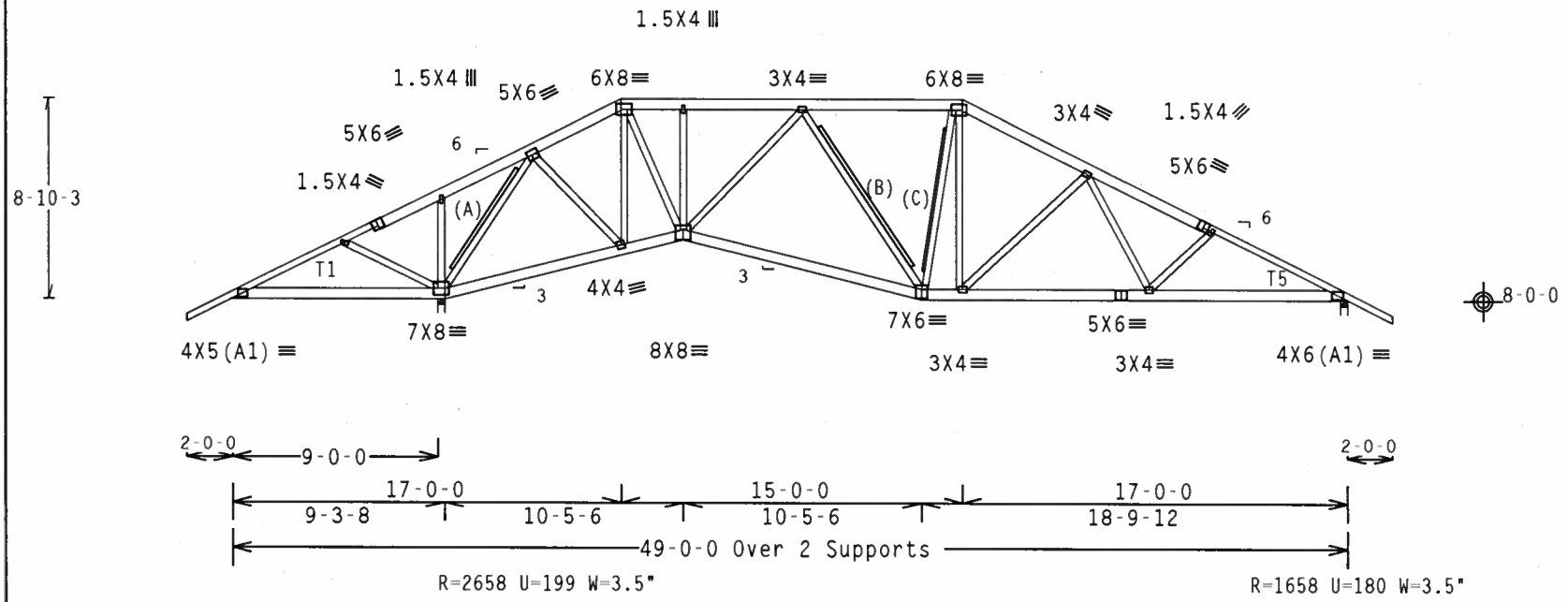

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

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Haines City, FL 33844
Certificate of Authorization # 567

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94890
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220019
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118920
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

Top chord 2x6 SP #1 Dense :T1, T5 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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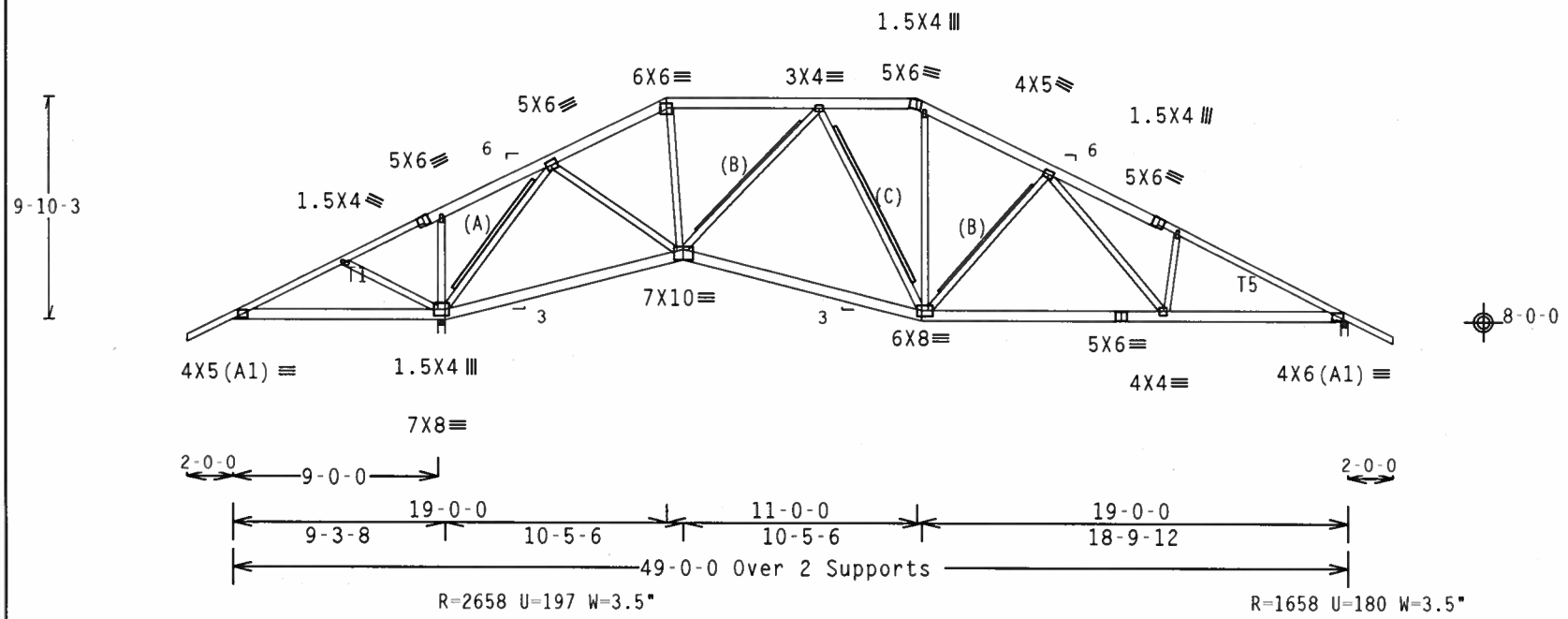

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

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

ARTHUR R. FISHER LICENSE No. 49687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08,'06

TC LL	20.0 PSF	REF R487-- 94891
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220027
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118973
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

Top chord 2x6 SP #1 Dense :T1, T5 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

(B) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "T" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

(A) Continuous lateral bracing equally spaced on member. Or 2x6 SP #3 or better "T" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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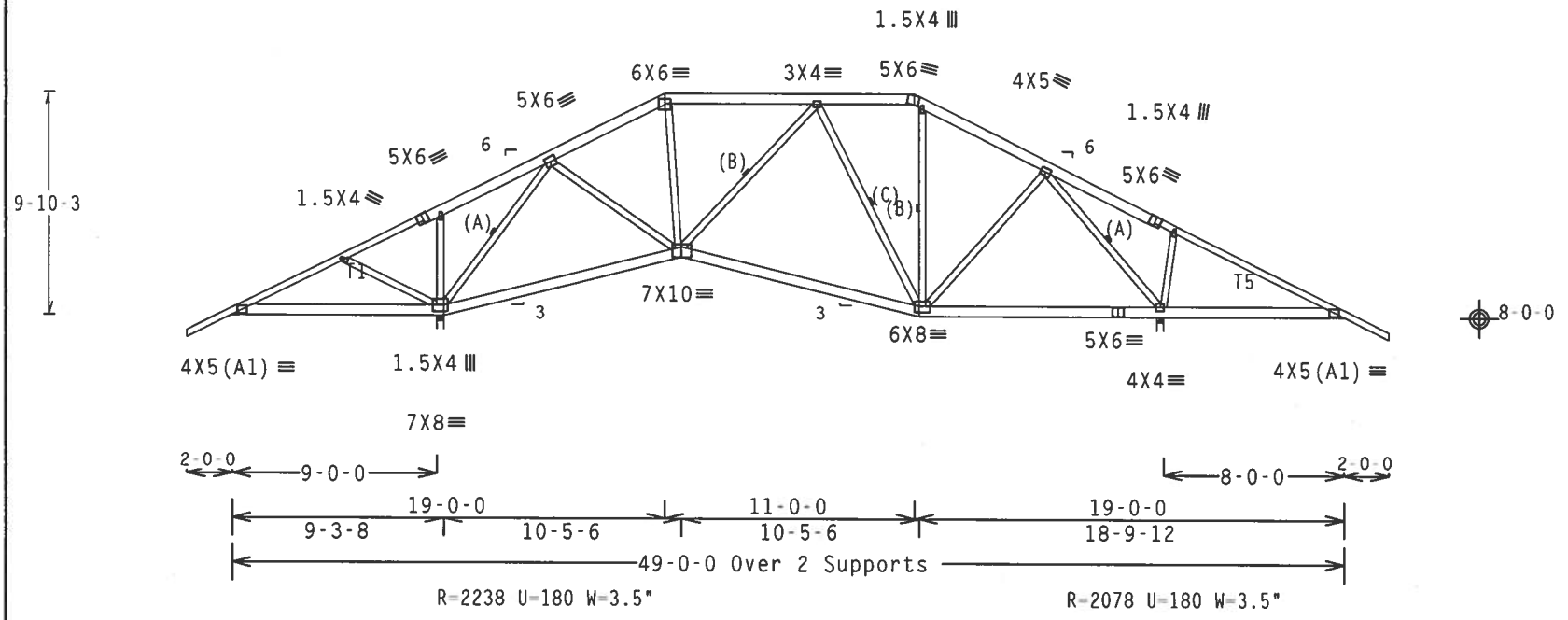
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(C) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "T" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 [illegible] Y:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 08 '06

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]cate of A[illegible]n # 567

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TC LL	20.0 PSF	REF R487-- 94892
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220034
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118964
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

Top chord 2x6 SP #1 Dense :T1, T5 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

(B) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "T" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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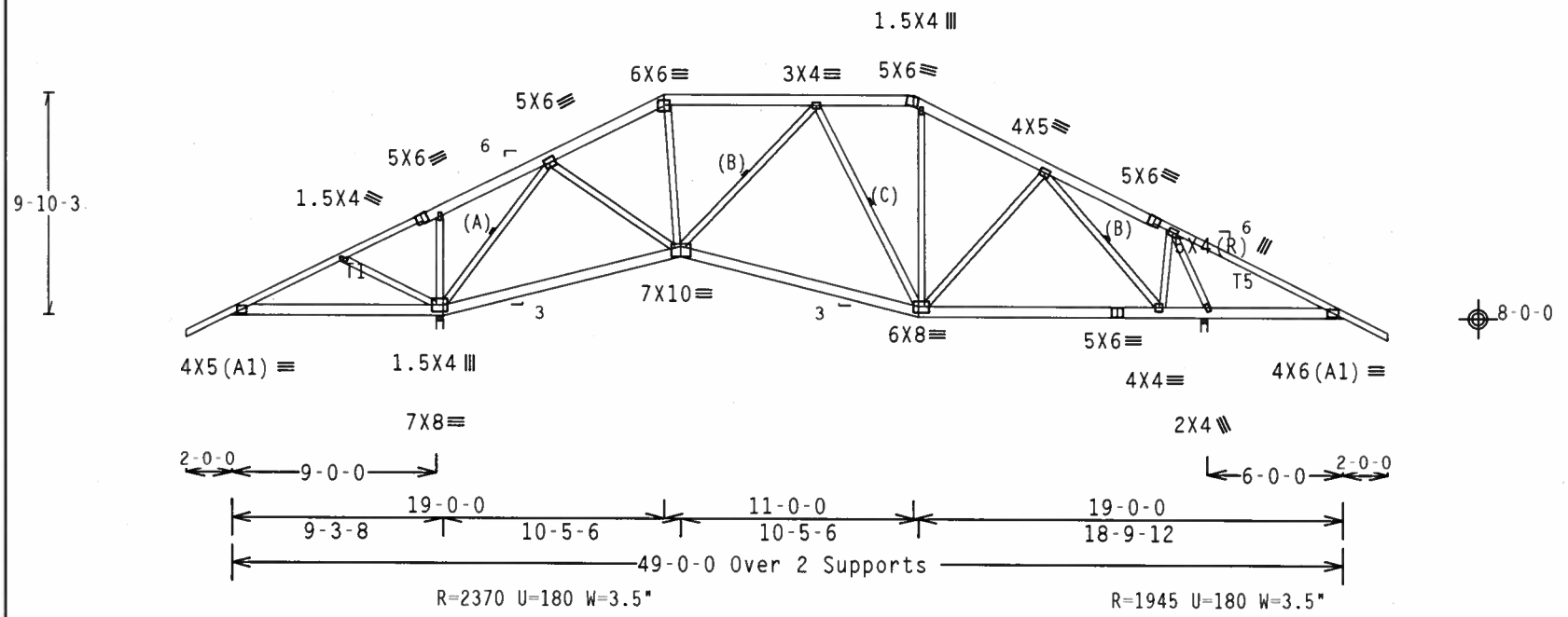
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/6/-/-/R/-

Scale =.125"/Ft.

ALPINE

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94893
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220029
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118983
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6 288 L&L Construction Gagliano , ** A10)

Top chord 2x6 SP #1 Dense :T1, T5 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

(A) Continuous lateral bracing equally spaced on member. Or 1x4 SP #3 or better "T" brace. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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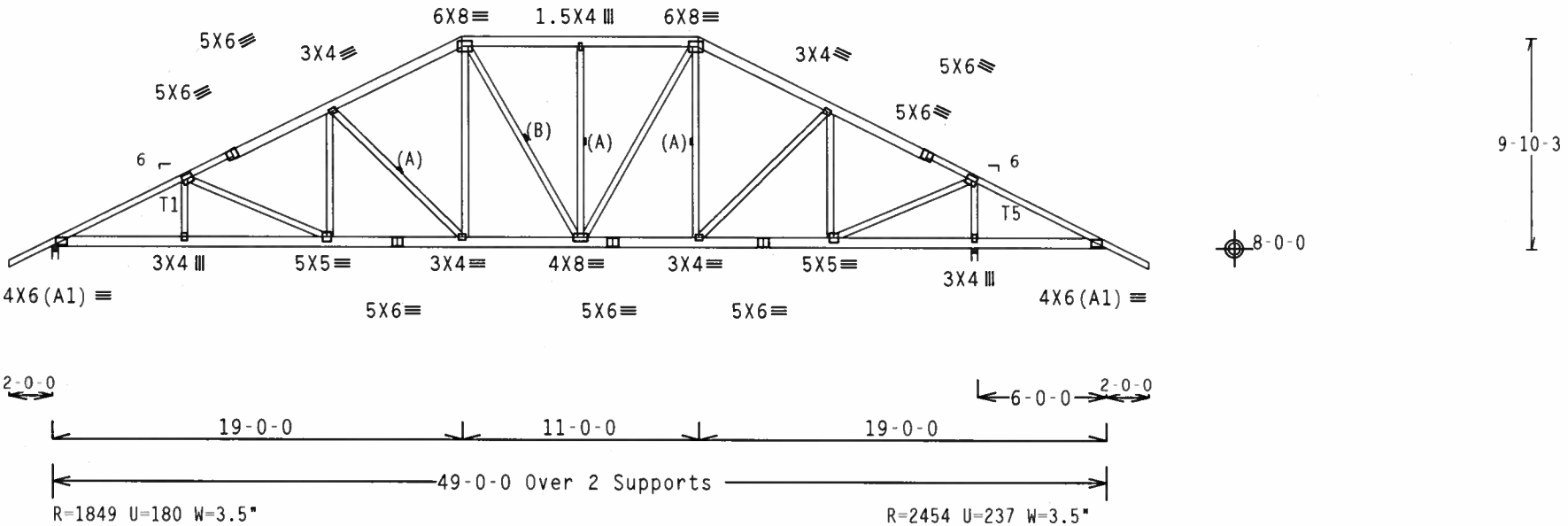
(B) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "T" brace. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/6/-/-/R/- Scale =.125"/Ft.

ALPINE

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Aug 08 06

TC LL	20.0 PSF	REF R487-- 94894
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220030
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118992
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6 288 L&&L Construction Gagliano , ** B1)

Top chord 2x6 SP #1 Dense :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W11 2x4 SP #2 Dense:

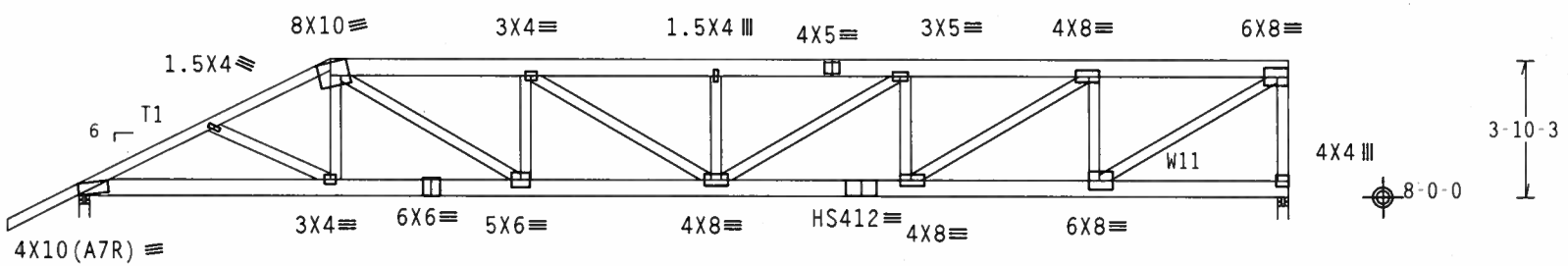
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

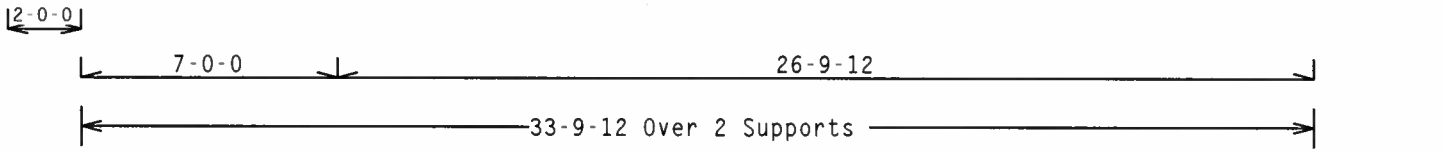
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.1875"/Ft.

ALPINE

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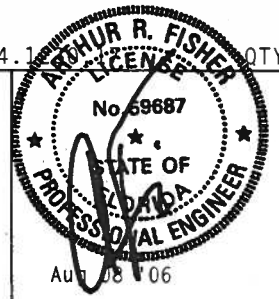


TC LL	20.0 PSF	REF R487-- 94895
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220154
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 12311
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6 288 L&&L Construction Gagliano , ** B2)

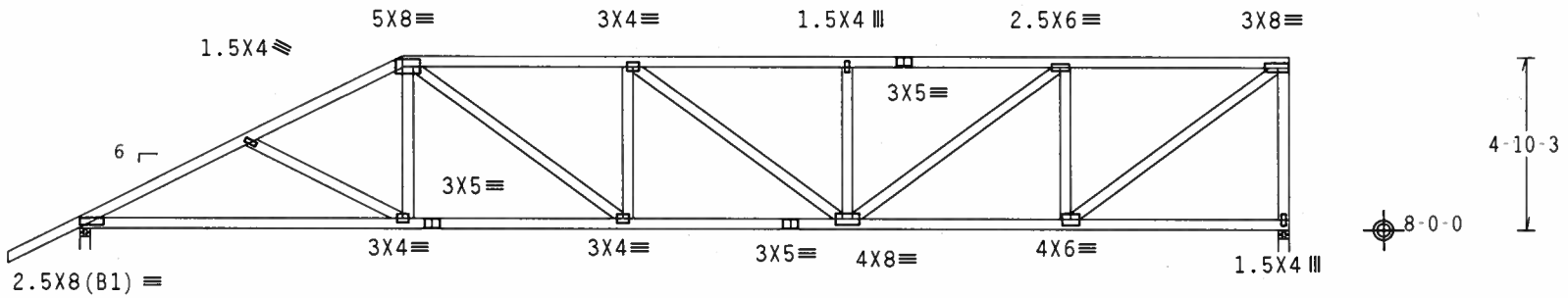
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

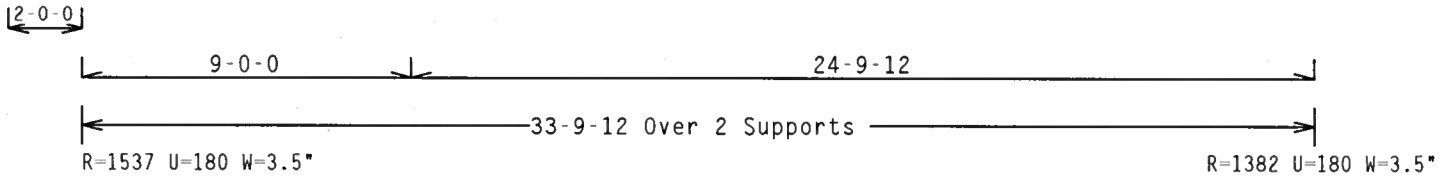
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/6/-/-/R/- Scale =.1875"/Ft.

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Aug 08 '06

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TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220145
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 12320
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

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

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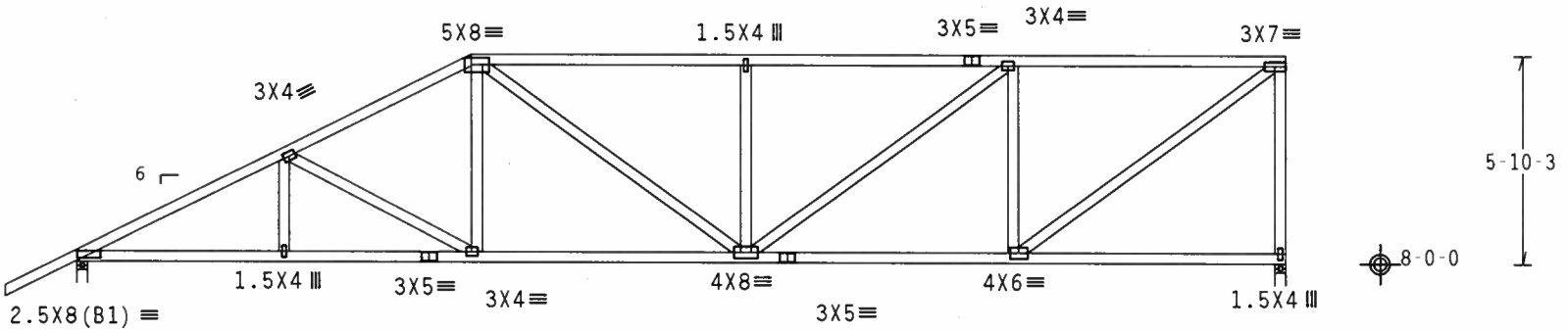

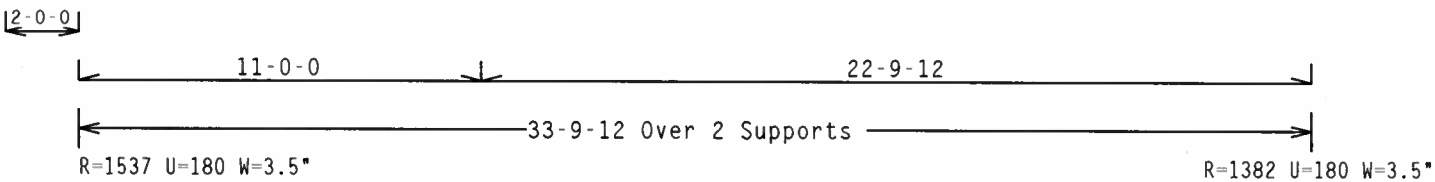

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.1875"/Ft.

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Certificate of Authorization #567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94897
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220146
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 12328
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6 288 L&L Construction Gagliano , ** B4)

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

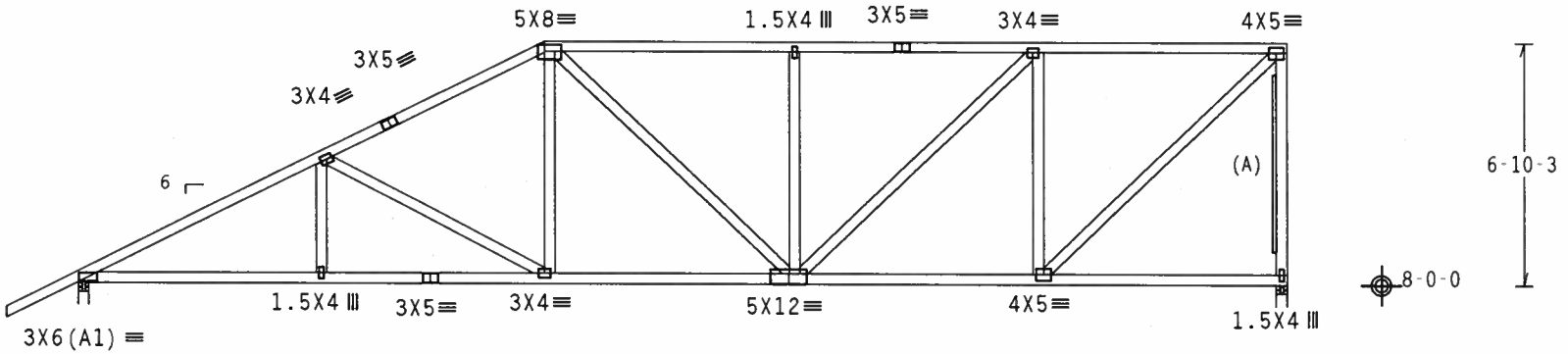
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

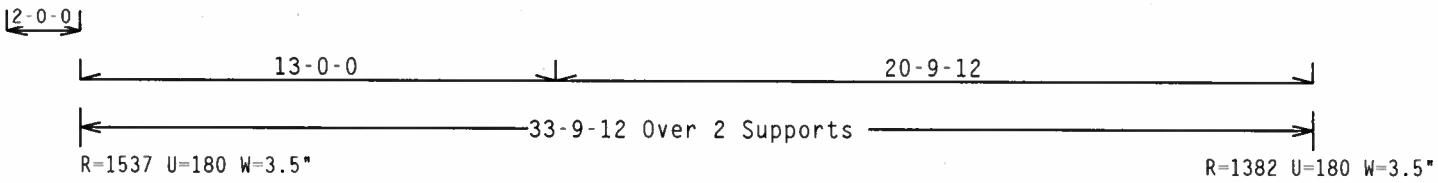
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.1875"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94898
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220147
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 12335
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6-288--L&&L Construction Gagliano -- , ** - B5)

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

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

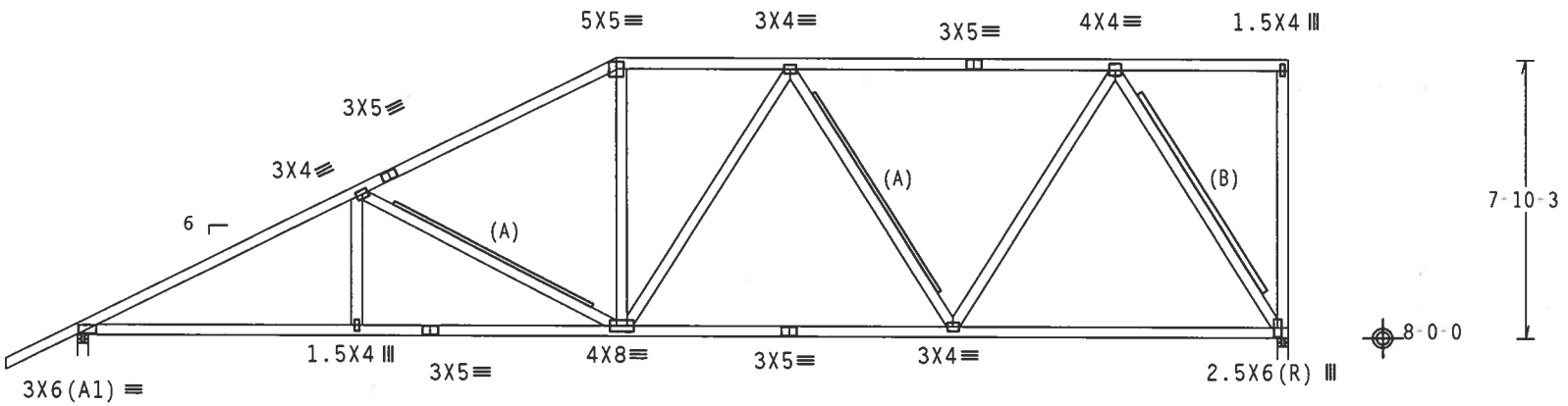
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

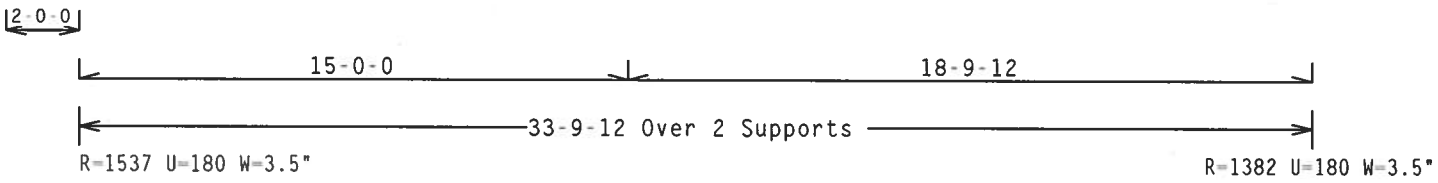
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.1875"/Ft.

ALPINE
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ARTHUR R. FISHER LICENSE No.52687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08,06

TC LL	20.0 PSF	REF R487-- 94899
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220148
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 12342
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6 288 L&&L Construction Gagliano , ** B6)

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

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

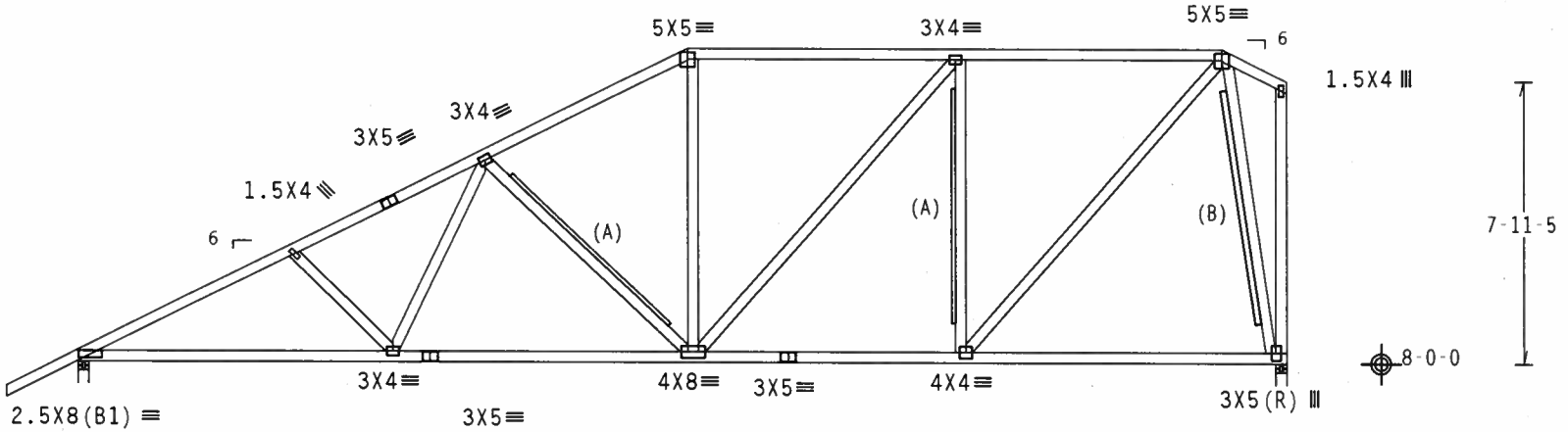
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

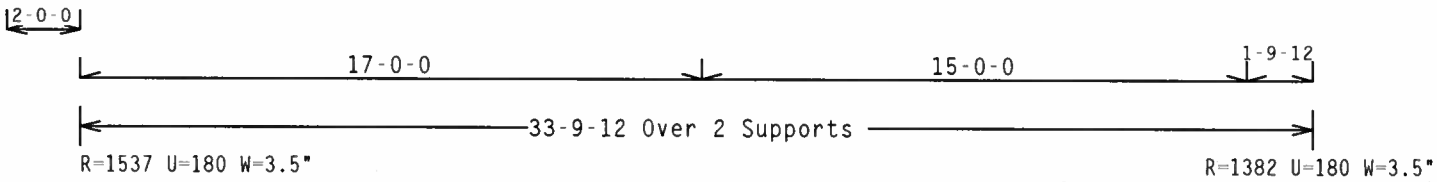
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.1875"/Ft.

ALPINE

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Certificate of Authorization # 567

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94900
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220149
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 12353
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

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

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

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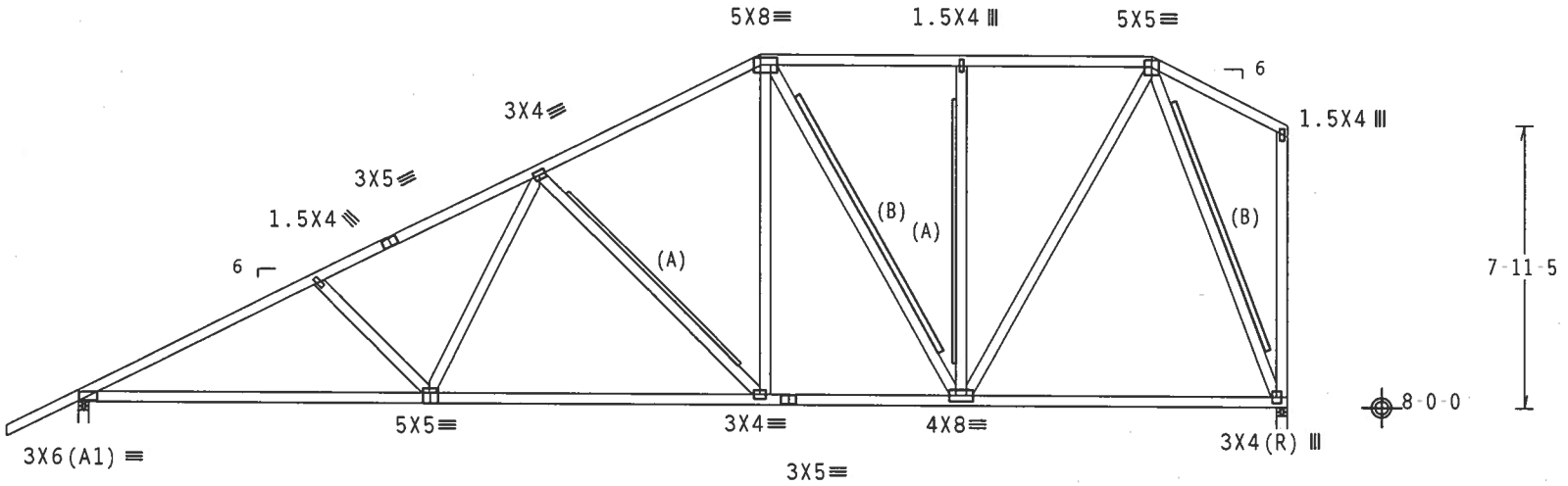
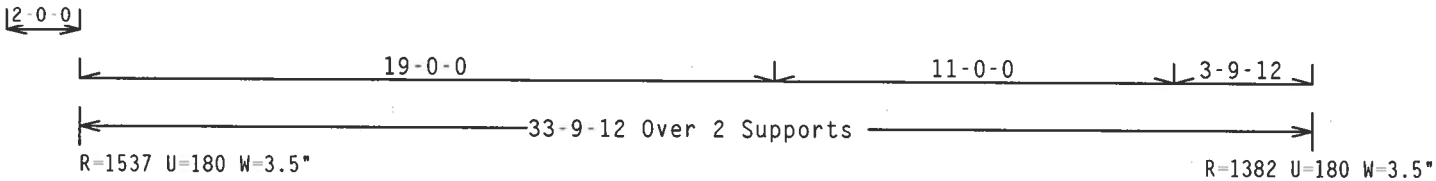
Right end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/6/-/-/R/-

Scale =.1875"/Ft.

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

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94901
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220150
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 12361
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

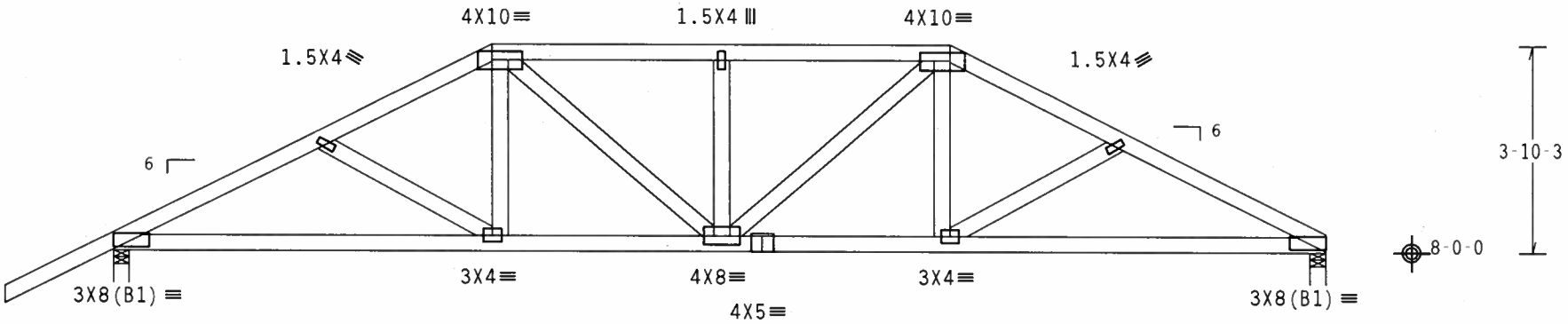
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

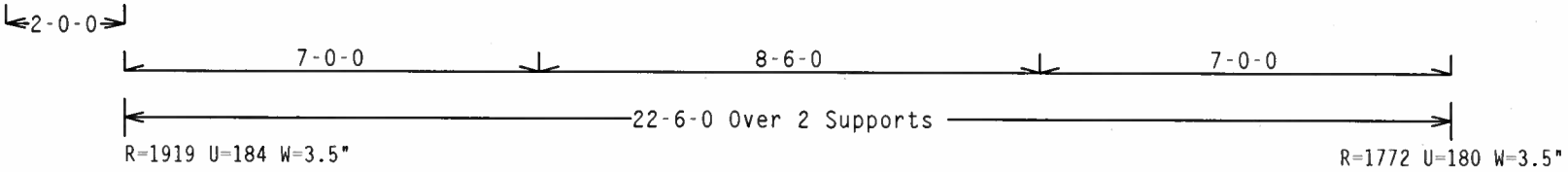
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/6/-/-/R/-
Scale =.3125"/Ft.

ALPINE
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ARTHUR B. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

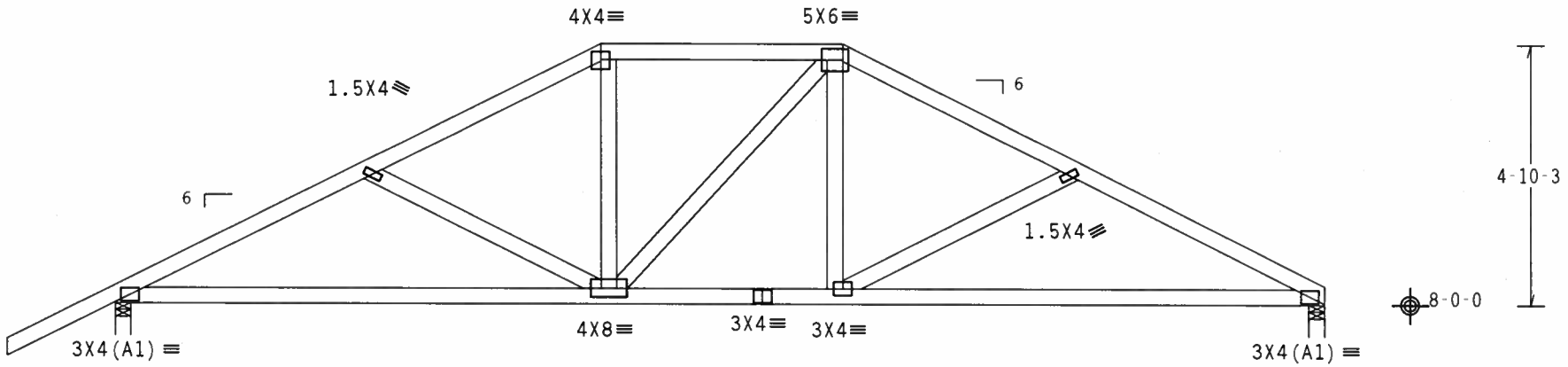
TC LL	20.0 PSF	REF R487-- 94902
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220031
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 118868
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

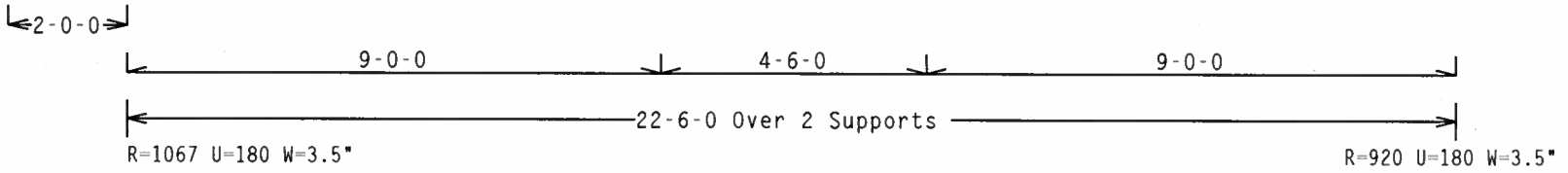
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.3125"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

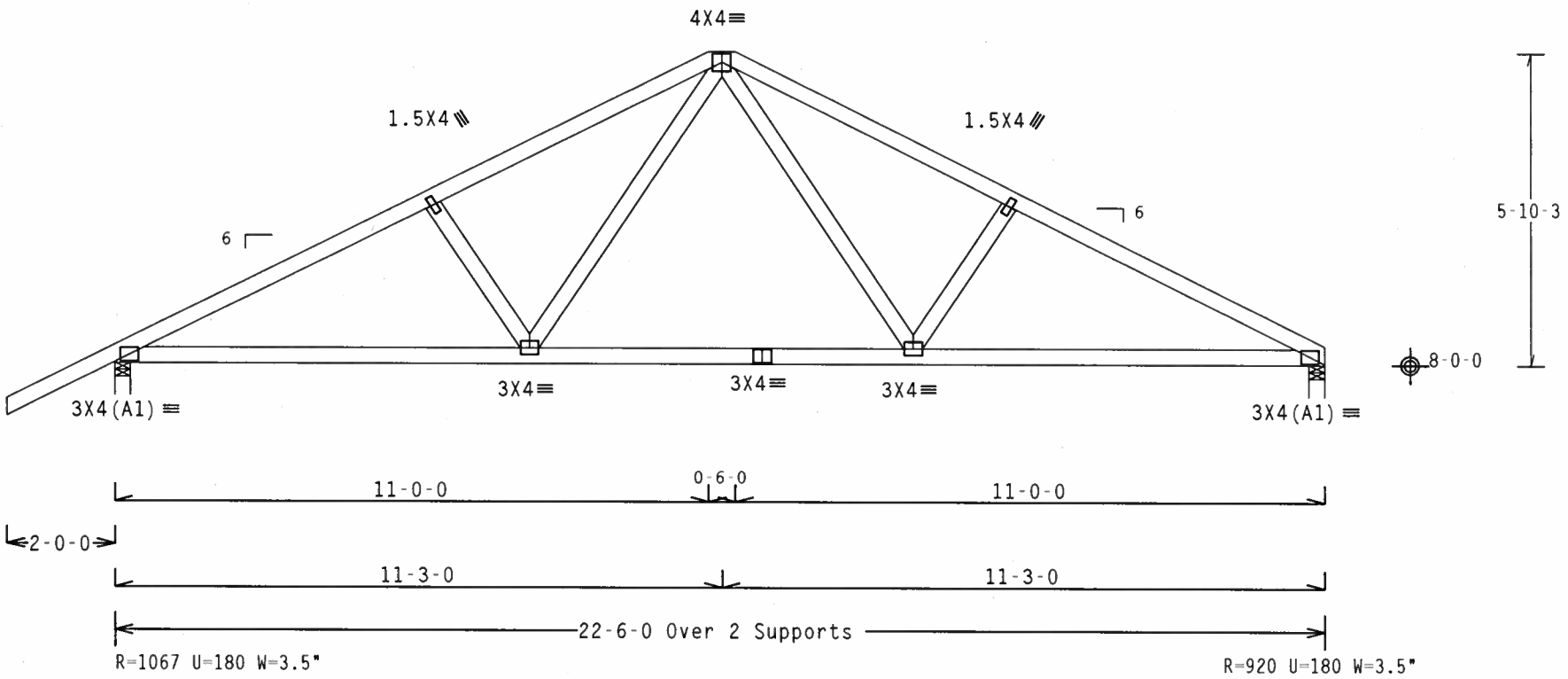
TC LL	20.0 PSF	REF	R487-- 94903
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCUSR487 06220028
BC LL	0.0 PSF	HC-ENG	DAL/AF *
TOT.LD.	40.0 PSF	SEQN-	118840
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SZL487 Z04

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

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/6/-/-/R/- Scale =.3125"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94904
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220018
BC LL	0.0 PSF	HC-ENG DAL/AF *
TOT.LD.	40.0 PSF	SEQN- 118846
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

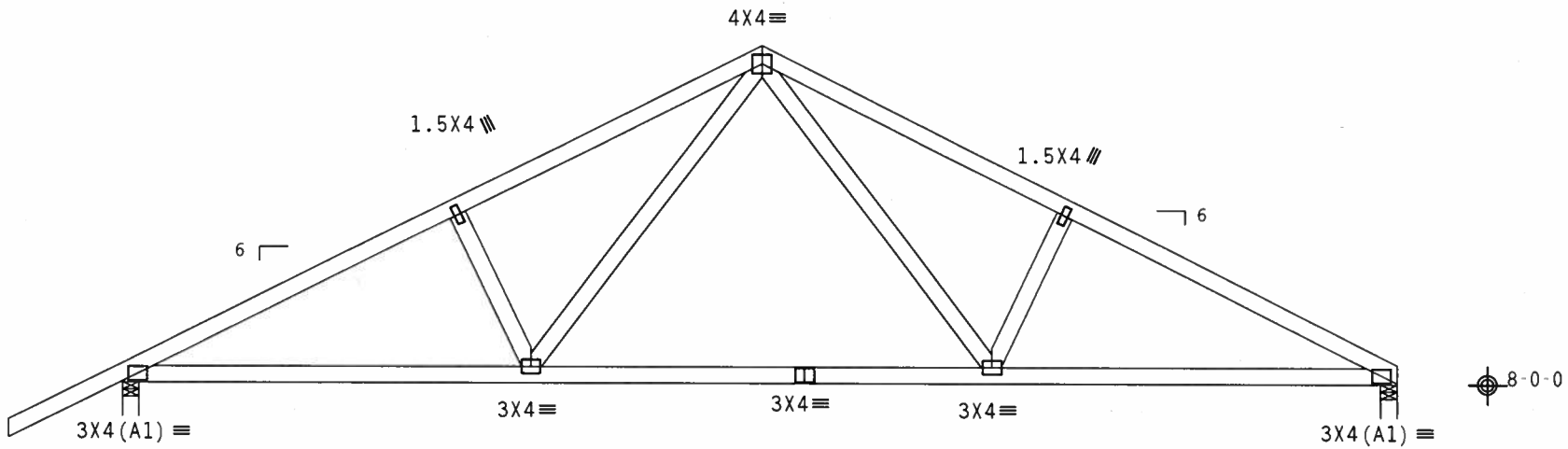
(6 288 L&L Construction Gagliano , ** C4)

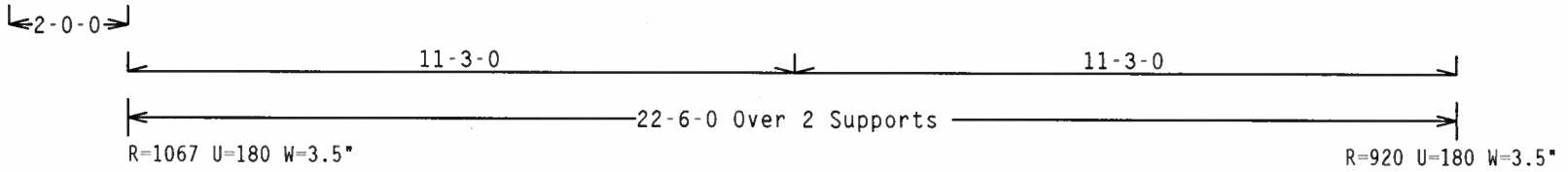
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.3125"/Ft.

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

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ARTHUR B. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94905
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220151
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 12286
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

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

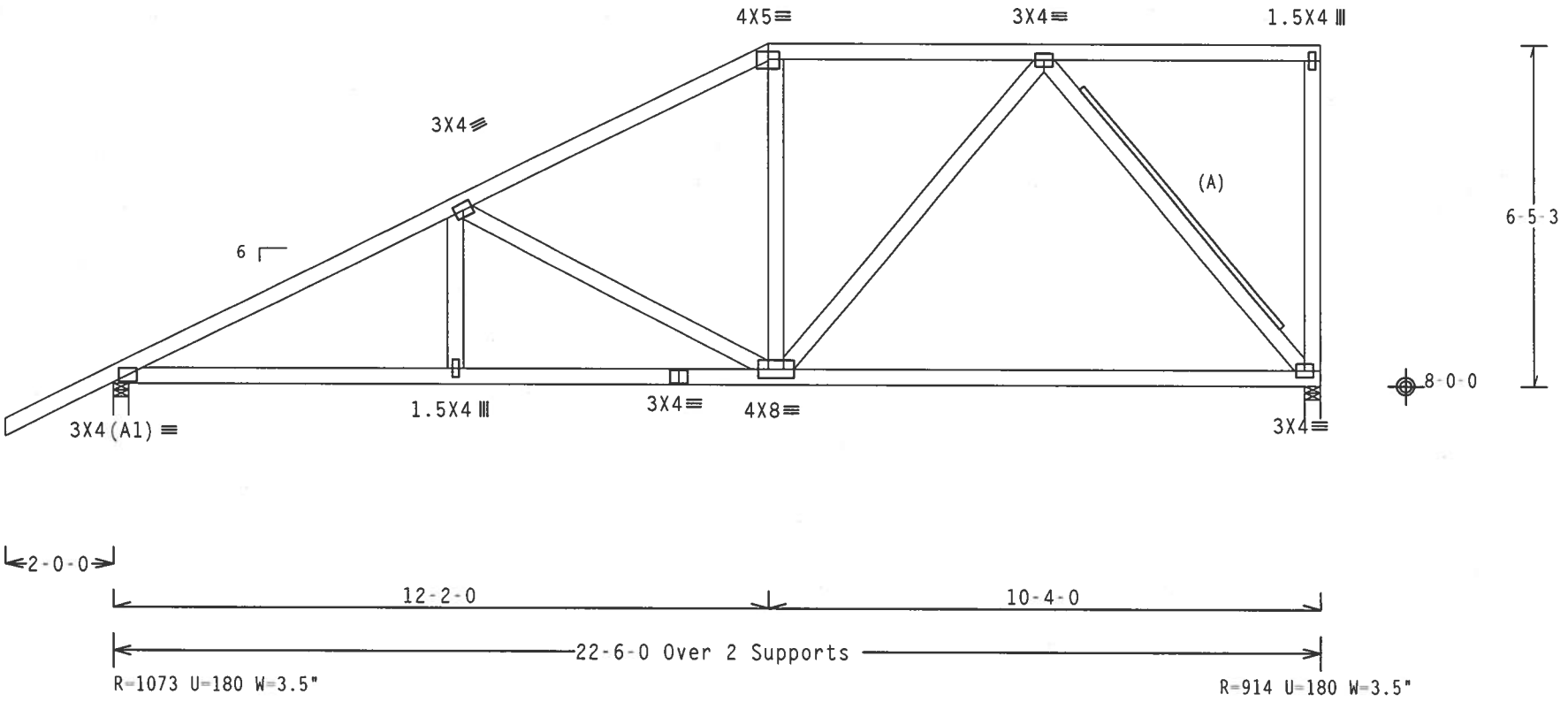
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible] TY:1 FL/-/6/-/-/R/-
Scale =.3125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]cate of A[illegible]n # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94906
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220152
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 12294
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487 Z04

(6 288 L&L Construction Gagliano , ** C6)

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

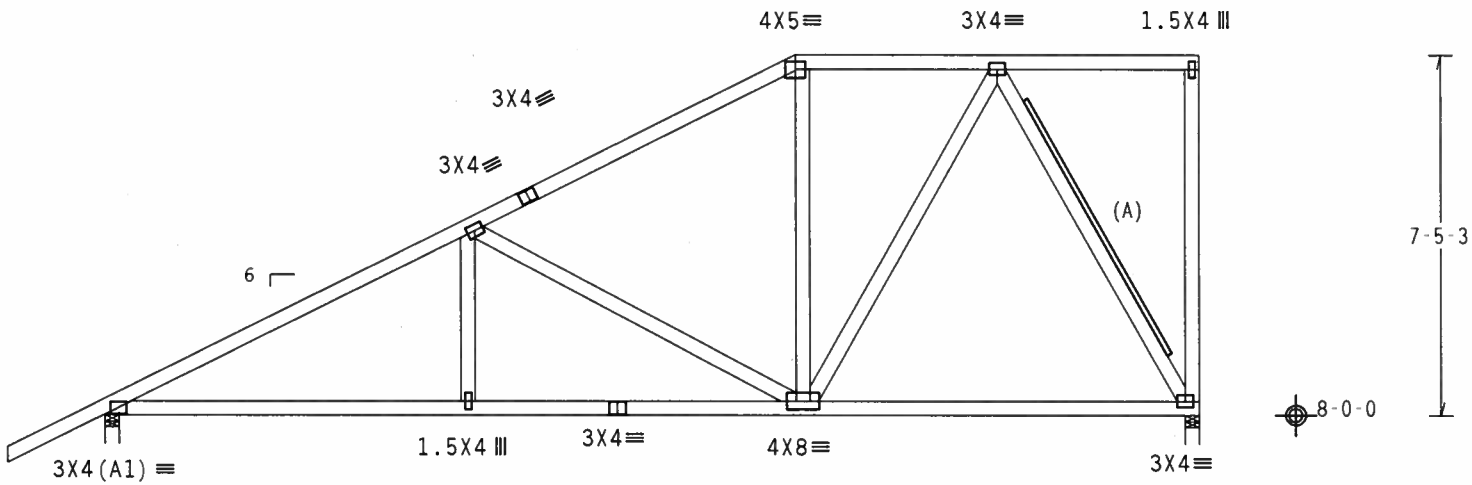
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/6/-/-/R/- Scale =.25"/Ft.

ALPINE
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Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF	R487-- 94907
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCUSR487 06220153
BC LL	0.0 PSF	HC-ENG	JB/AF *
TOT.LD.	40.0 PSF	SEQN-	12302
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SZL487 Z04

(6-288--L&L Construction Gagliano -- , ** - HJ7)

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

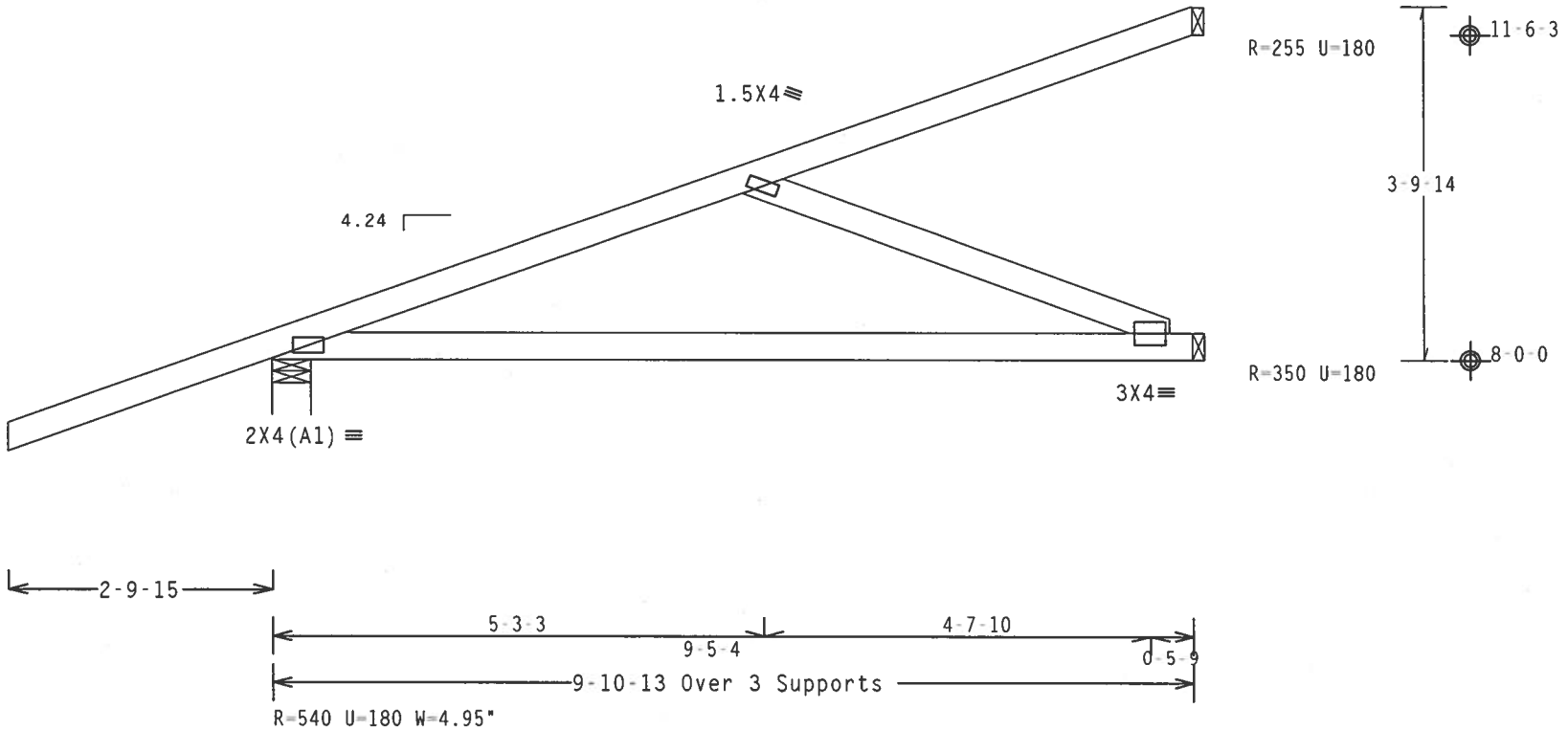
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/6/-/-/R/- Scale =.5"/Ft.

ALPINE
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1950 Marley Drive
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ARTHUR R FISHER LICENSE No. 59887 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF	R487-- 94908
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCUSR487 06220016
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	115330
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SZL487 Z04

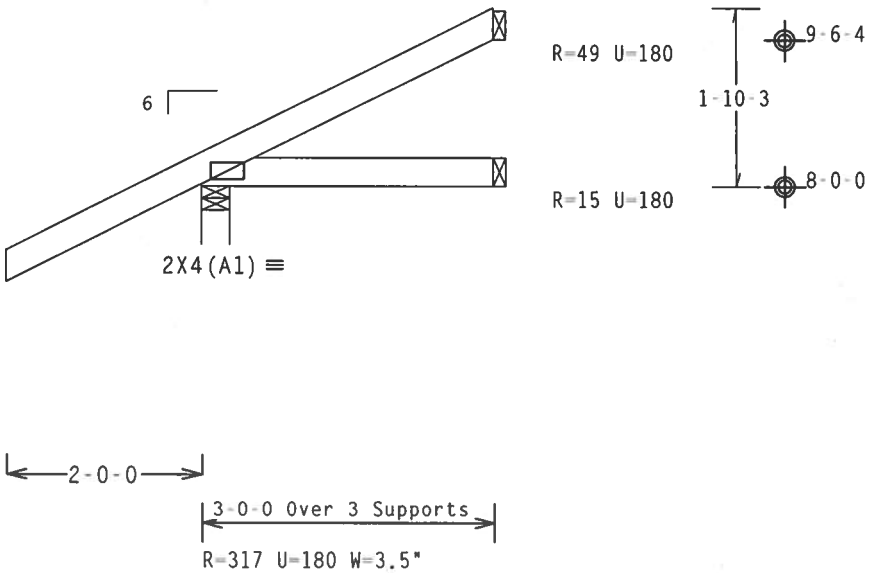
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.5"/Ft.

ALPINE
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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94911
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220020
BC LL	0.0 PSF	HC-ENG DAL/AF *
TOT.LD.	40.0 PSF	SEQN- 118819
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487_Z04

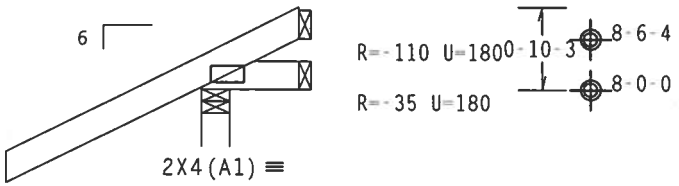
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

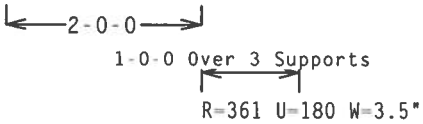
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/6/-/-/R/- Scale =.5"/Ft.

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

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 08 '06

TC LL	20.0 PSF	REF	R487-- 94912
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCUSR487 06220021
BC LL	0.0 PSF	HC-ENG	DAL/AF
TOT.LD.	40.0 PSF	SEQN-	118821
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SZL487_Z04

(6-288--L&L Construction Gagliano -- , ** - AP1)

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

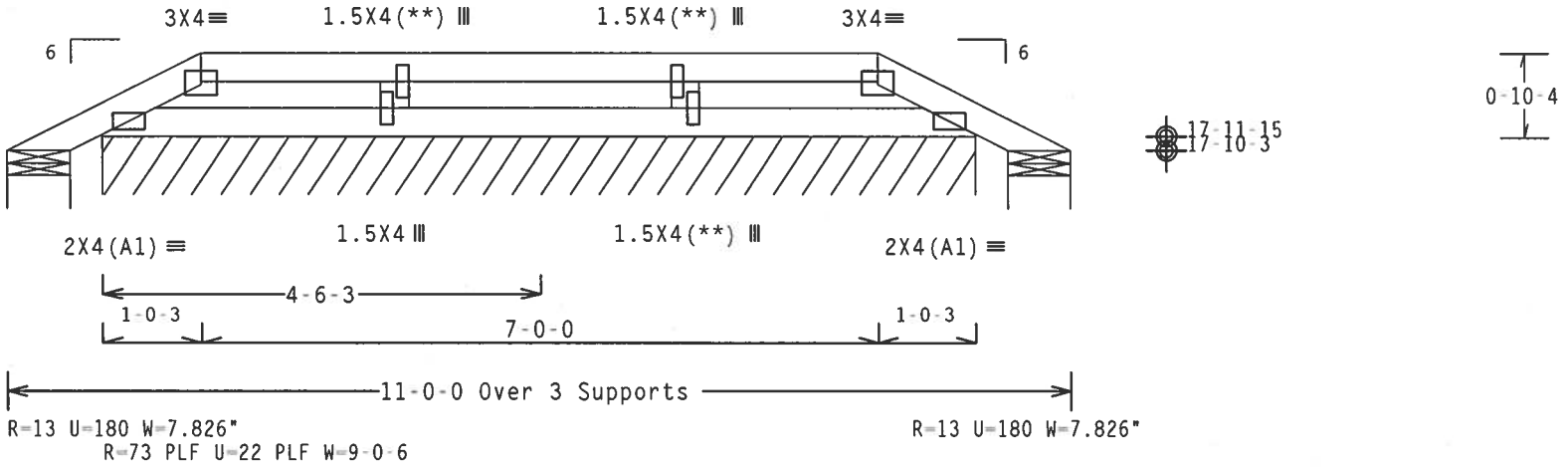
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA1103 or PIGBACKB1103 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

110 mph wind, 18.35 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/- Scale =.5"/Ft.

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Aug 8 '06

TC LL	20.0 PSF	REF	R487-- 94913
TC DL	10.0 PSF	DATE	08/08/06
BC DL	2.0 PSF	DRW	HCUSR487 06220032
BC LL	0.0 PSF		HC-ENG DAL/AF
TOT.LD.	32.0 PSF	SEQN-	119018
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SZL487_Z04

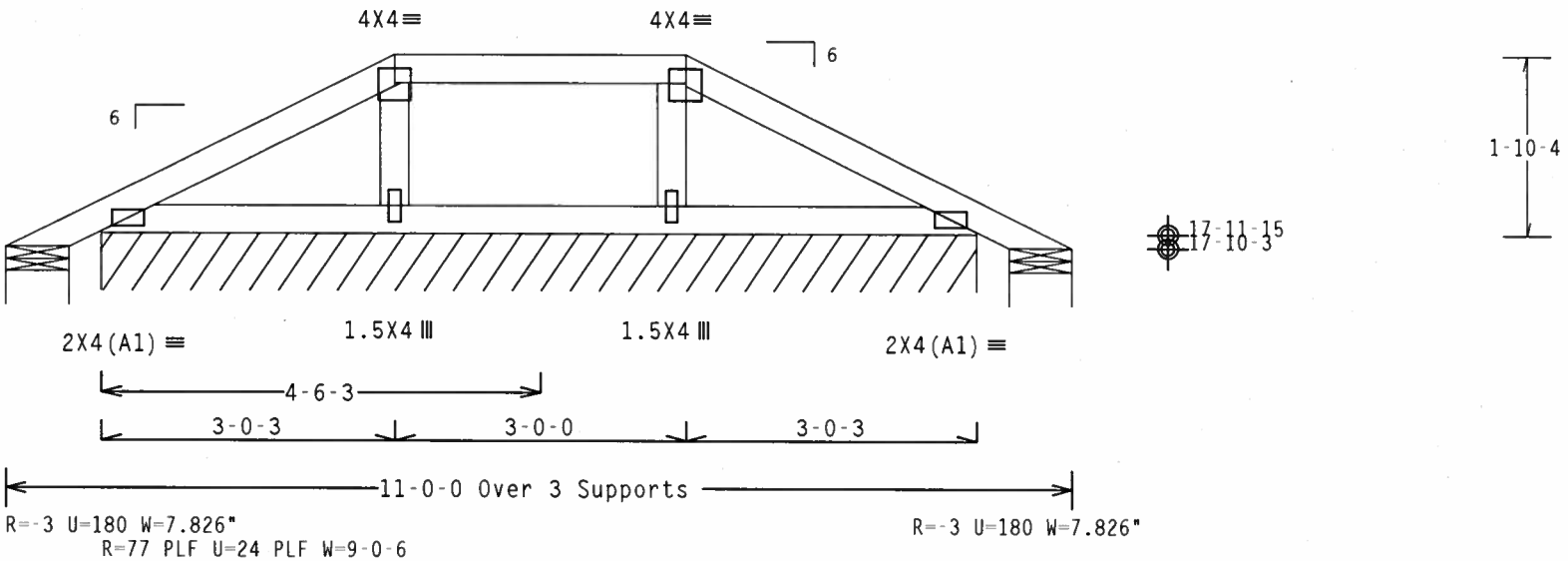
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Refer to DWG PIGBACKA1103 or PIGBACKB1103 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 18.85 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.13 QTY:1 FL/-/6/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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Aug 08 '06

TC LL	20.0 PSF	REF R487-- 94914
TC DL	10.0 PSF	DATE 08/08/06
BC DL	2.0 PSF	DRW HCUSR487 06220033
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	32.0 PSF	SEQN- 119014
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487_Z04

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

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

Refer to DWG PIGBACKA1103 or PIGBACKB1103 for piggyback details.
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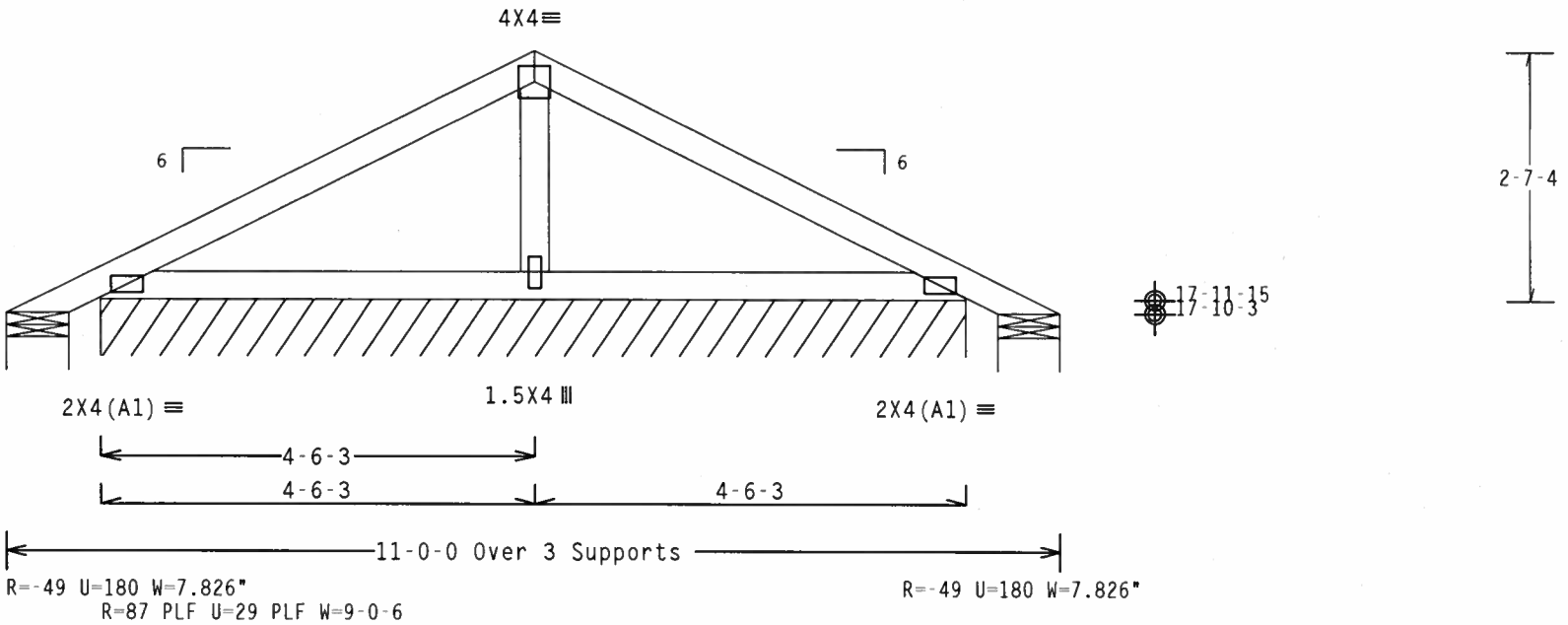
110 mph wind, 19.22 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/6/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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Aug 08 '06

TC LL	20.0 PSF	REF	R487-- 94915
TC DL	10.0 PSF	DATE	08/08/06
BC DL	2.0 PSF	DRW	HCUSR487 06220035
BC LL	0.0 PSF	HC-ENG	DAL/AF
TOT.LD.	32.0 PSF	SEQN-	119012
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SZL487_Z04

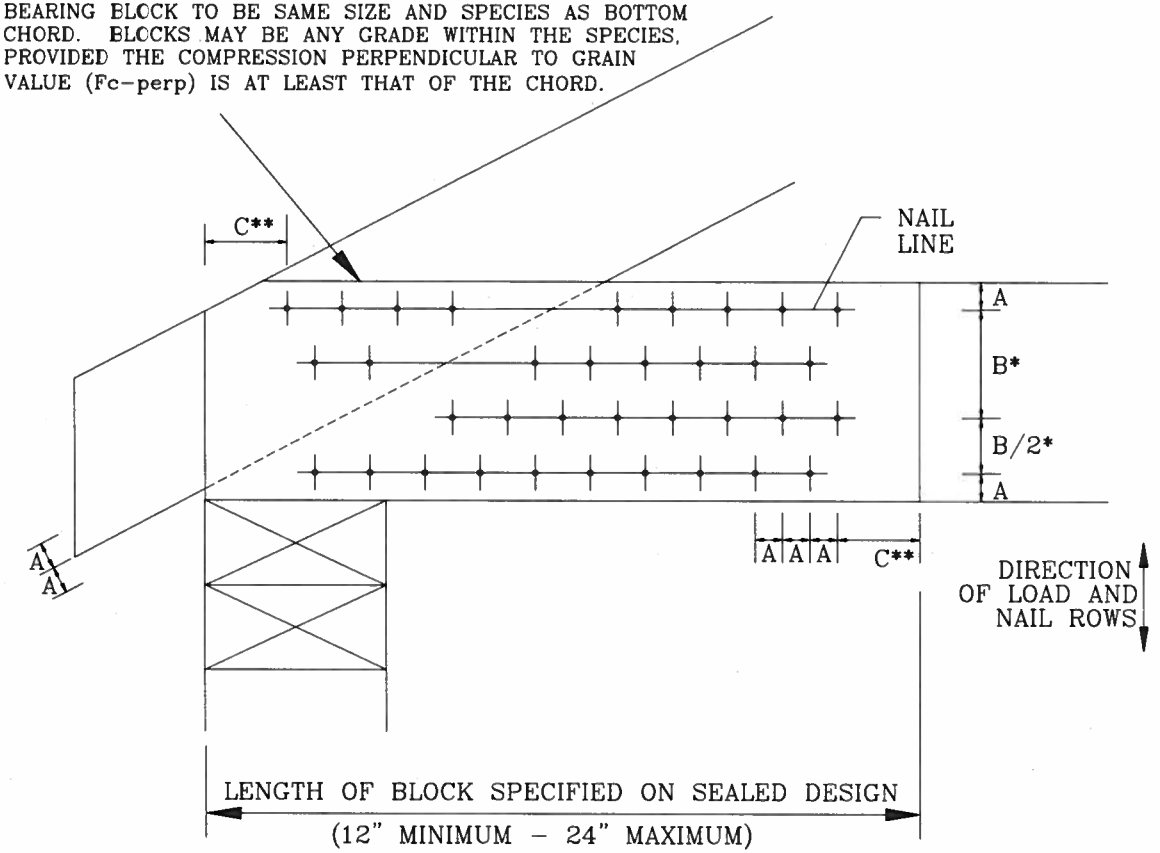
BEARING BLOCK NAIL SPACING DETAIL

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

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

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
- • SPACING MAY BE REDUCED BY 50%
- •• SPACING MAY BE REDUCED BY 33%

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



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE 2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"X2.5")	3	6	9	12	15
10d BOX (0.128"X3")	3	5	7	10	12
12d BOX (0.128"X3.25")	3	5	7	10	12
16d BOX (0.135"X3.5")	3	5	7	10	12
20d BOX (0.148"X4")	2	4	5	6	8
8d COMMON (0.131"X2.5")	3	5	7	10	12
10d COMMON (0.148"X3")	2	4	6	8	10
12d COMMON (0.148"X3.25")	2	4	6	8	10
16d COMMON (0.162"X3.5")	2	4	6	8	10
0.120"X2.5" GUN	3	6	8	11	14
0.131"X2.5" GUN	3	5	7	10	12
0.120"X3.0" GUN	3	6	8	11	14
0.131"x3.0" GUN	3	5	7	10	12

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES A	B*	C**
8d BOX (0.113"X2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X3")	7/8"	1 5/8"	2"
12d BOX (0.128"X3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"X3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"X3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"X3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"X3.5")	1'	2"	2 1/2"
0.120"X2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"X2.5" GUN	7/8"	1 5/8"	2"
0.120"X3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	2"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug

REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGBLK1103
-ENG	SJP/KAR

PIGGYBACK DETAIL

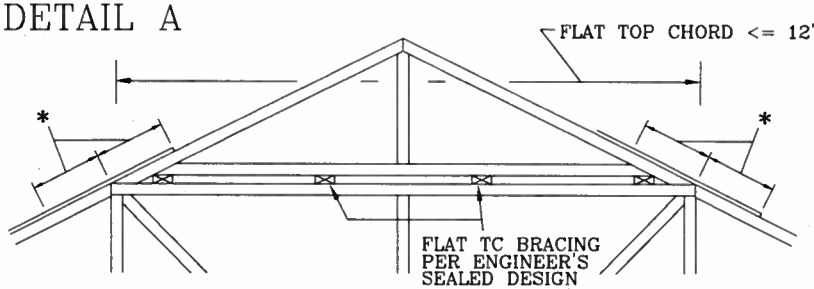
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

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

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

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

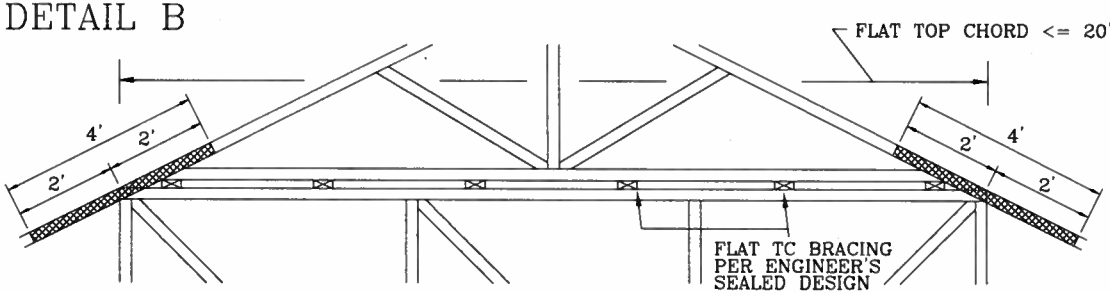
DETAIL A



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

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

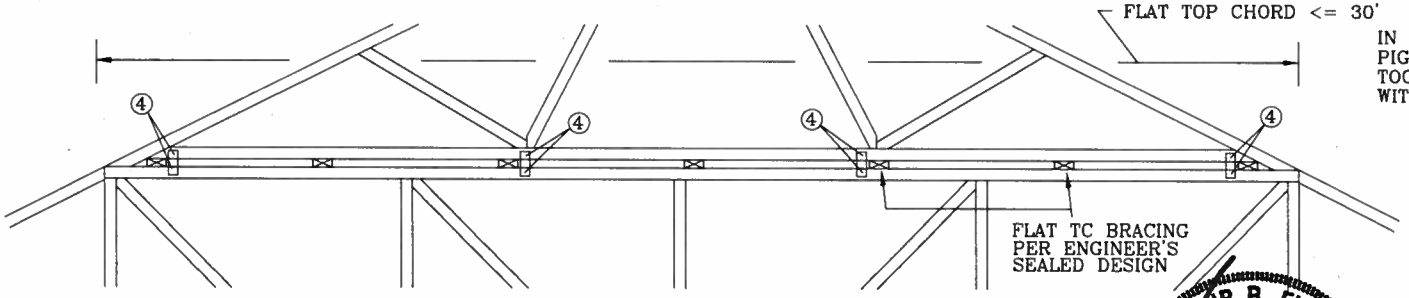
DETAIL B



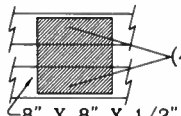
PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"X3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

DETAIL C

CAP TRUSS TOENAILED TO TOP CHORD BRACING AND SECURED WITH 3X8 TRULOX PLATES (EACH FACE) AT EACH END AND AT 1/3 POINTS. CIRCLED NUMBER INDICATES REQUIRED NUMBER OF 0.120" X 1.375" NAILS PER FACE. SEE DRAWING 160TL FOR TRULOX INFORMATION.



IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE.



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

THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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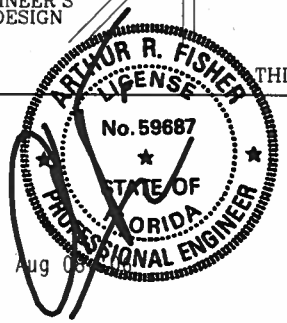


TC LL	PSF	REF PIGGYBACK
TC DL	PSF	DATE 04/14/05
BC DL	PSF	DRWG PIGBACKA0405
BC LL	PSF	-ENG DLJ/KAR
TOT. LD.	MAX 60 PSF	
DUR. FAC.	1.15	
SPACING	24.0"	

PIGGYBACK DETAIL

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

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

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

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

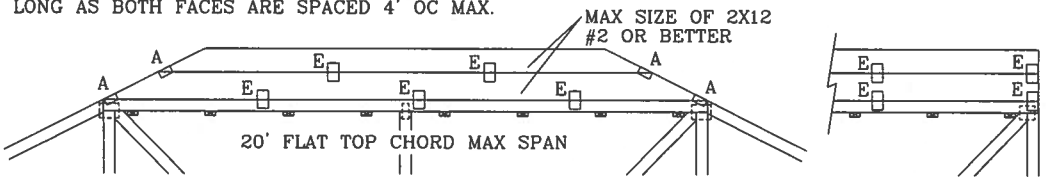
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

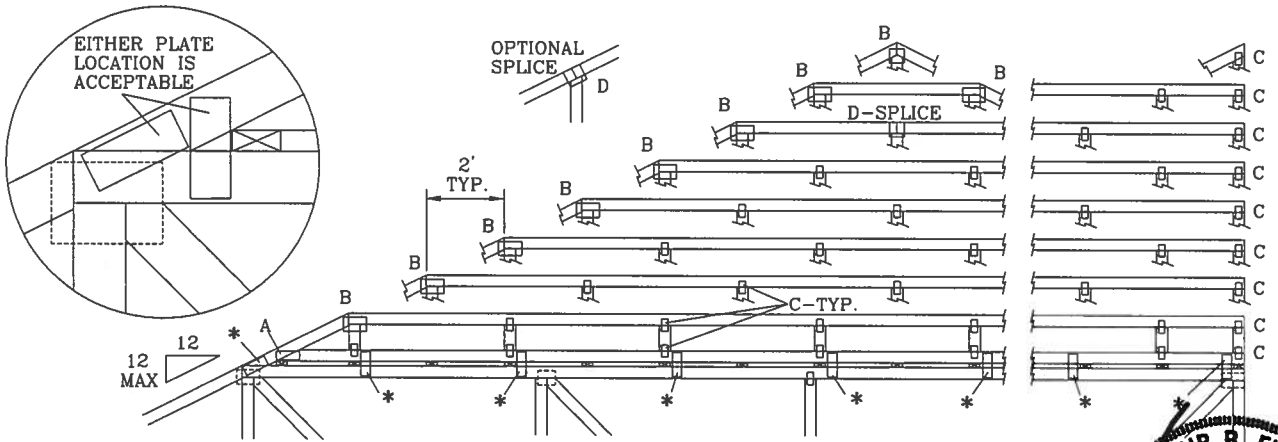
130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

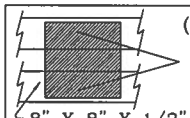
130 MPH WIND, 30' MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

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





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



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

8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET.

(4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

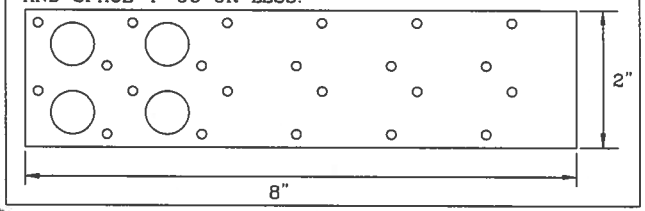
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

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

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5",MIN) NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC.

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



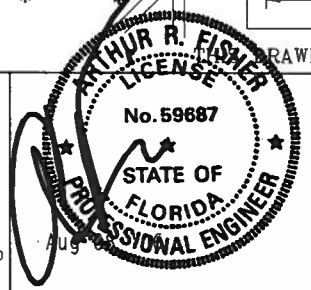
DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, 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.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE 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 TPI 1-2002 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.



MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

REF	PIGGYBACK
DATE	04/14/05
DRWG	PIGBACKB0405
-ENG	DLJ/KAR

COASTAL RESOURCES ENGINEERING, LLC.
114b West Green Street
P.O. Box 1034, Perry, Fl. 32348
Engineering Business # 25890
Telephone: (850) 584-4408
E-mail: johng@gtcom.net

September 6, 2006

Mr. Joe Haltiwanger, Plans Examiner
Columbia County Building Department
P.O. Box 1529
Lake City, FL
32056-1529

Re: Charles Gagliano Home
Permit Application # 0608-84

Dear Mr. Haltiwanger,

This letter is an Addendum to the Plans we certified for the referenced home. The contractor must follow the additional requirements in this Addendum in building the home. The additional information and requirements below follow the order of the plans review comments we received from you.

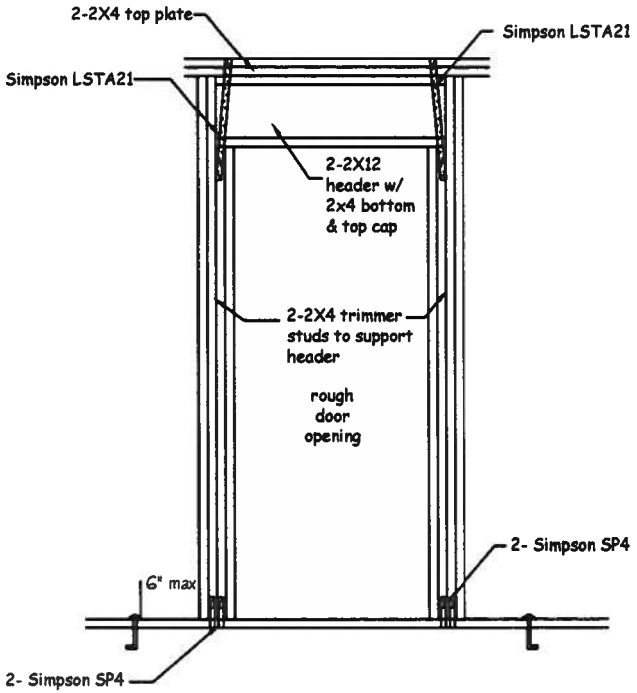
1. Sealed details are attached showing construction requirements for the window/door openings and for the opening to the garage.
2. Per requirements of the NEC, Arc-Fault interrupter devices shall protect all branch circuits supplying outlets installed within a bedroom.
3. Attached is a drawing of the roof truss framing plan that specifies the uplift protection requirement for each truss/girder attachment

If you have any questions or require further information please contact me at 850/584-4408.

Sincerely,

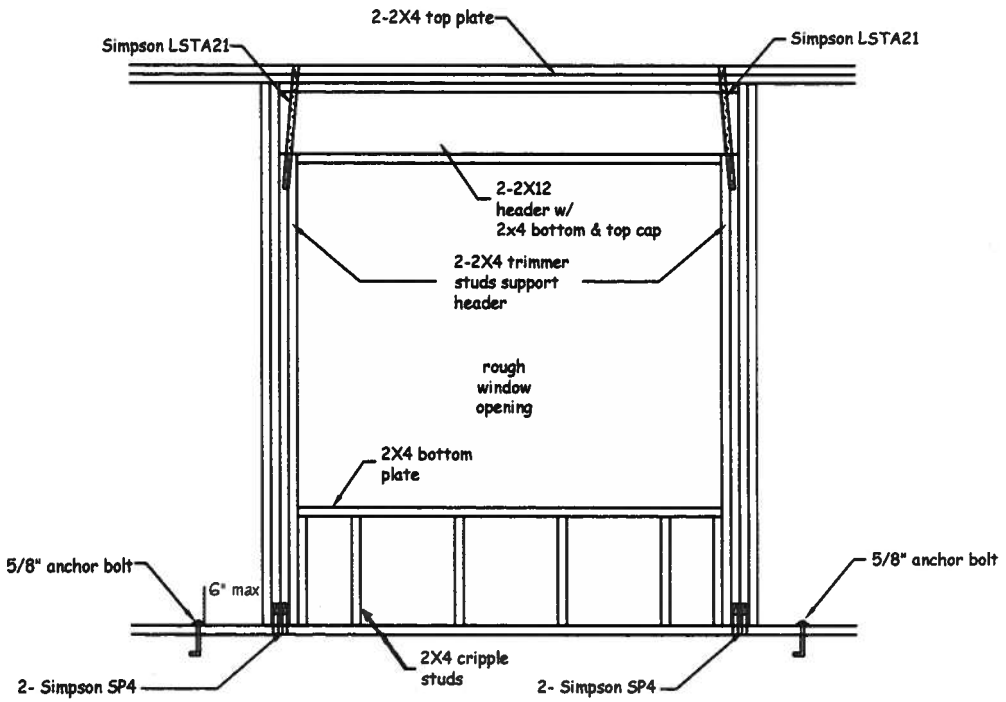
John K. Gentry, P.E.

Cc: Plumb Level Construction
Jodi Cooper



SINGLE DOOR ROUGH OPENING DETAIL

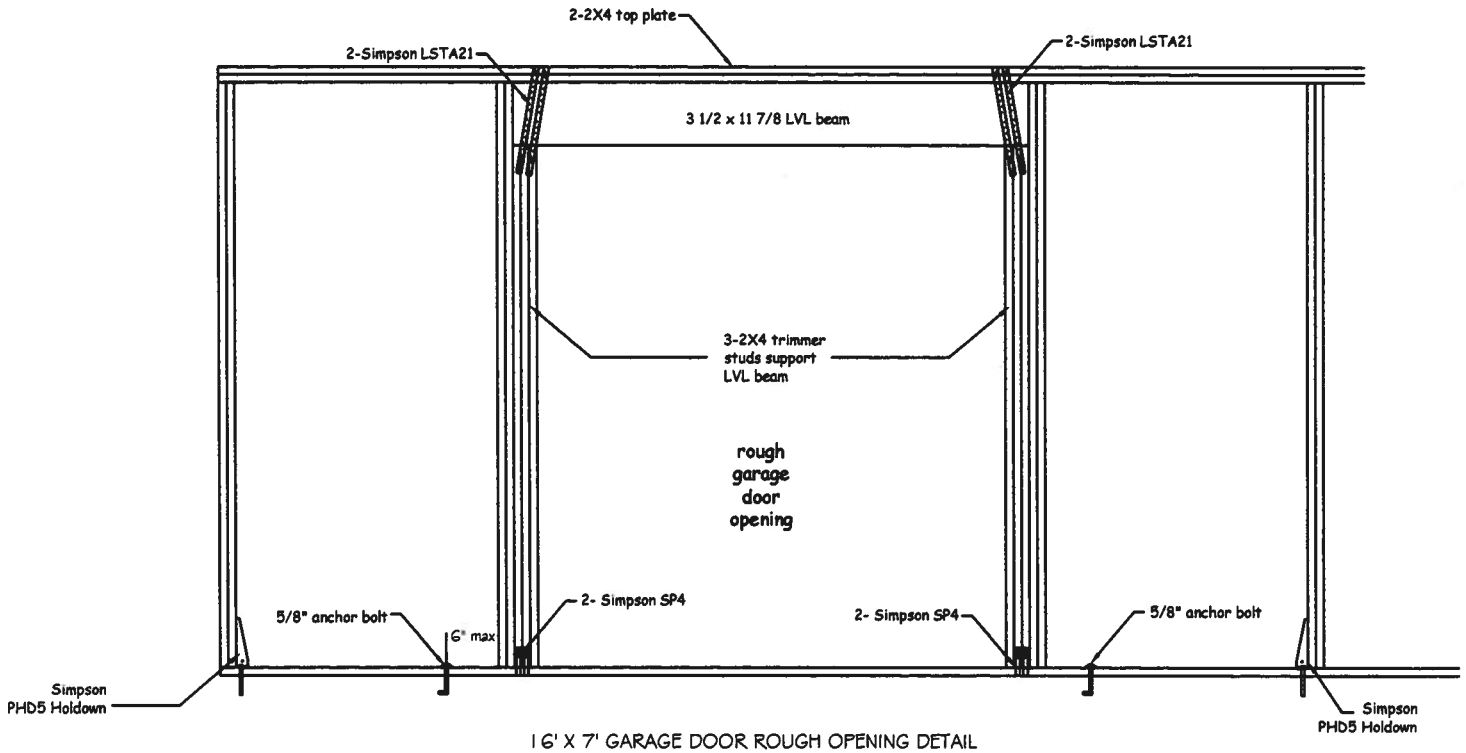
NOT TO SCALE



WINDOW ROUGH OPENING DETAIL

NOT TO SCALE

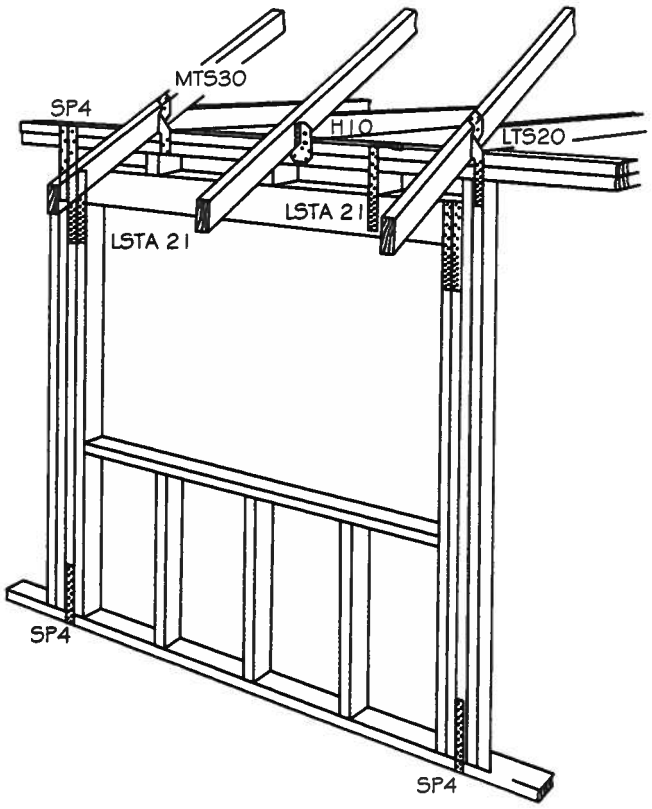
John Mentze
6 Sept-06

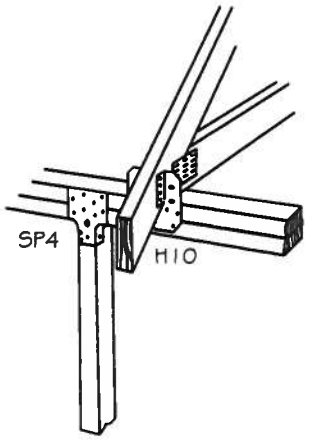


16' X 7' GARAGE DOOR ROUGH OPENING DETAIL

NOT TO SCALE

6-Sept-06

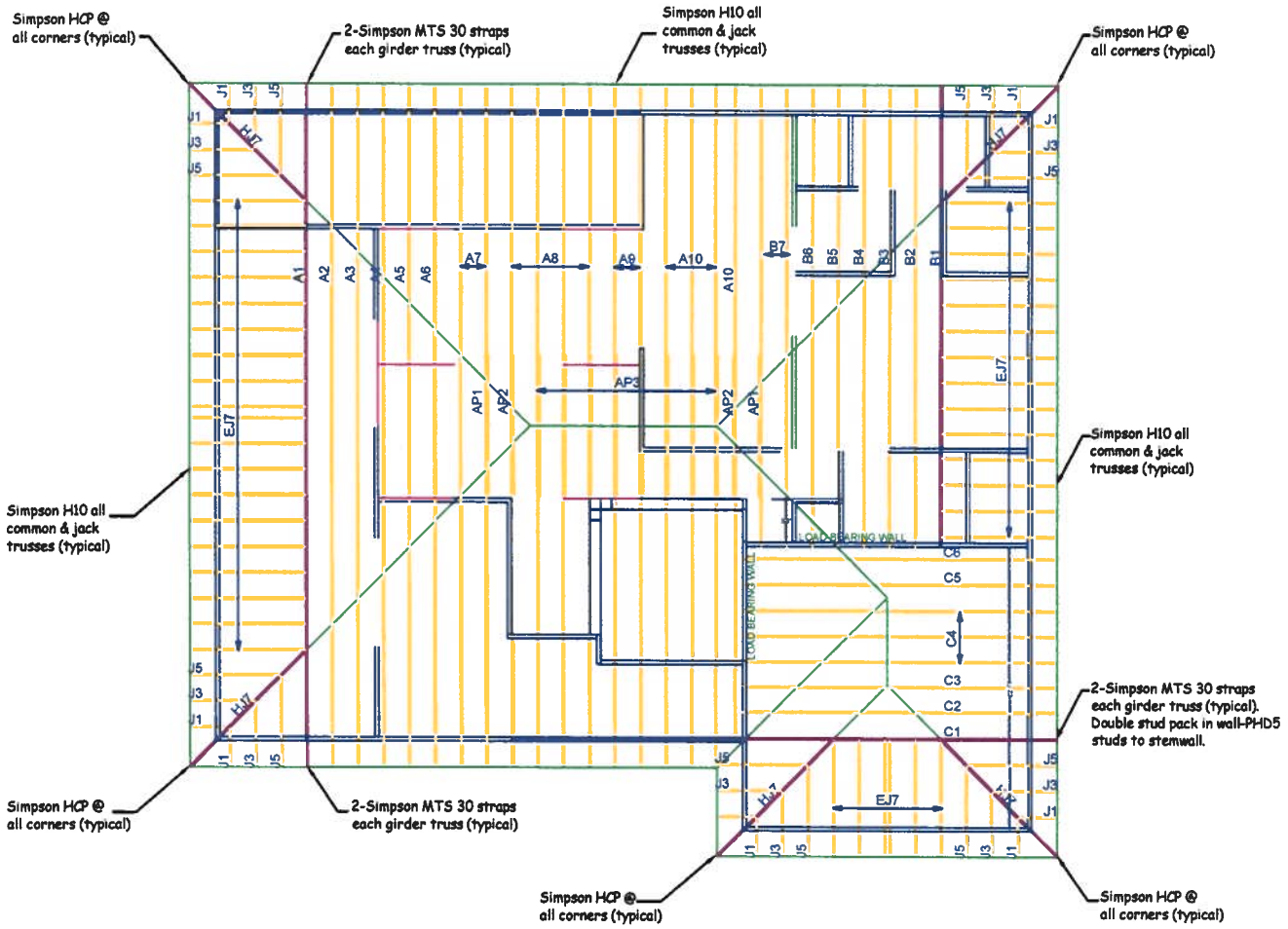




TYPICAL FRAME DETAILS

NOT TO SCALE

6-Sept-06



GAGLIANO ENGINEERED TRUSS PLAN

NOT TO SCALE

John K. Gaglio
6 Sept 06

COASTAL RESOURCES ENGINEERING, LLC.
114b West Green Street
P.O. Box 1034, Perry, Fl. 32348
Engineering Business # 25890
Telephone: (850) 584-4408
E-mail: johng@gtcom.net

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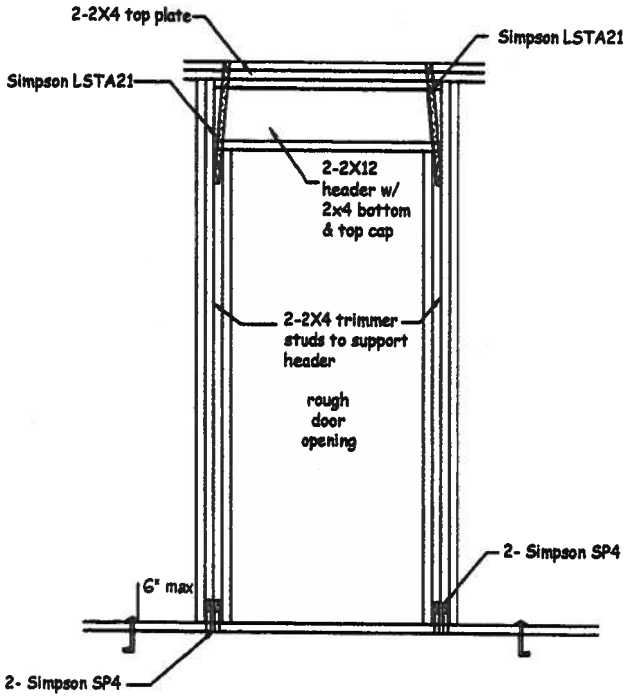
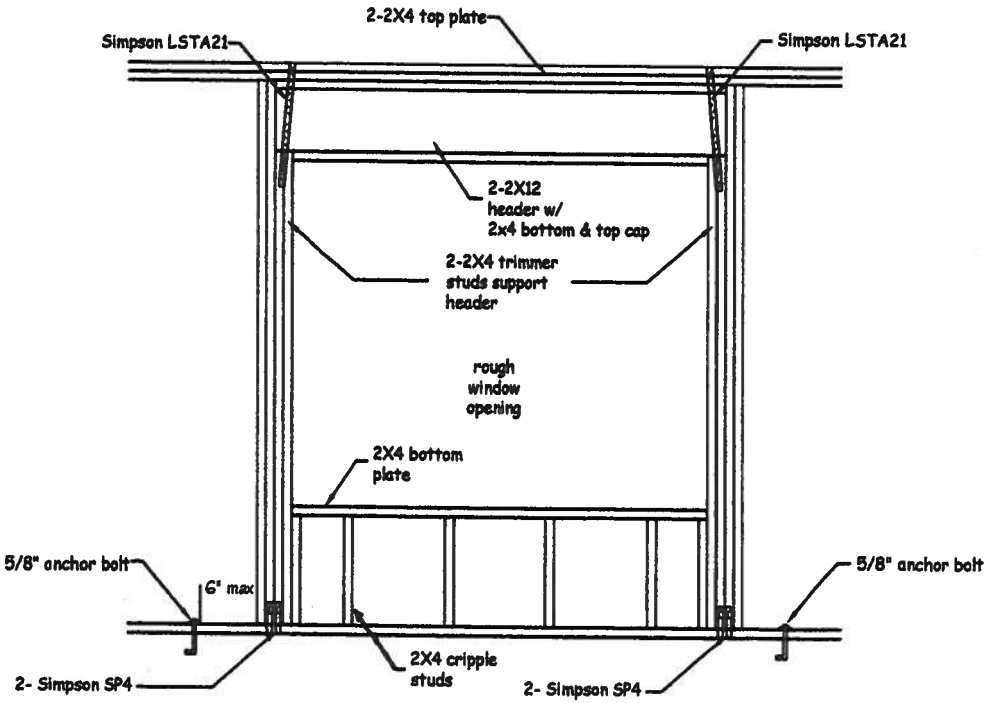
Jodi Cooper



SINGLE DOOR ROUGH OPENING DETAIL

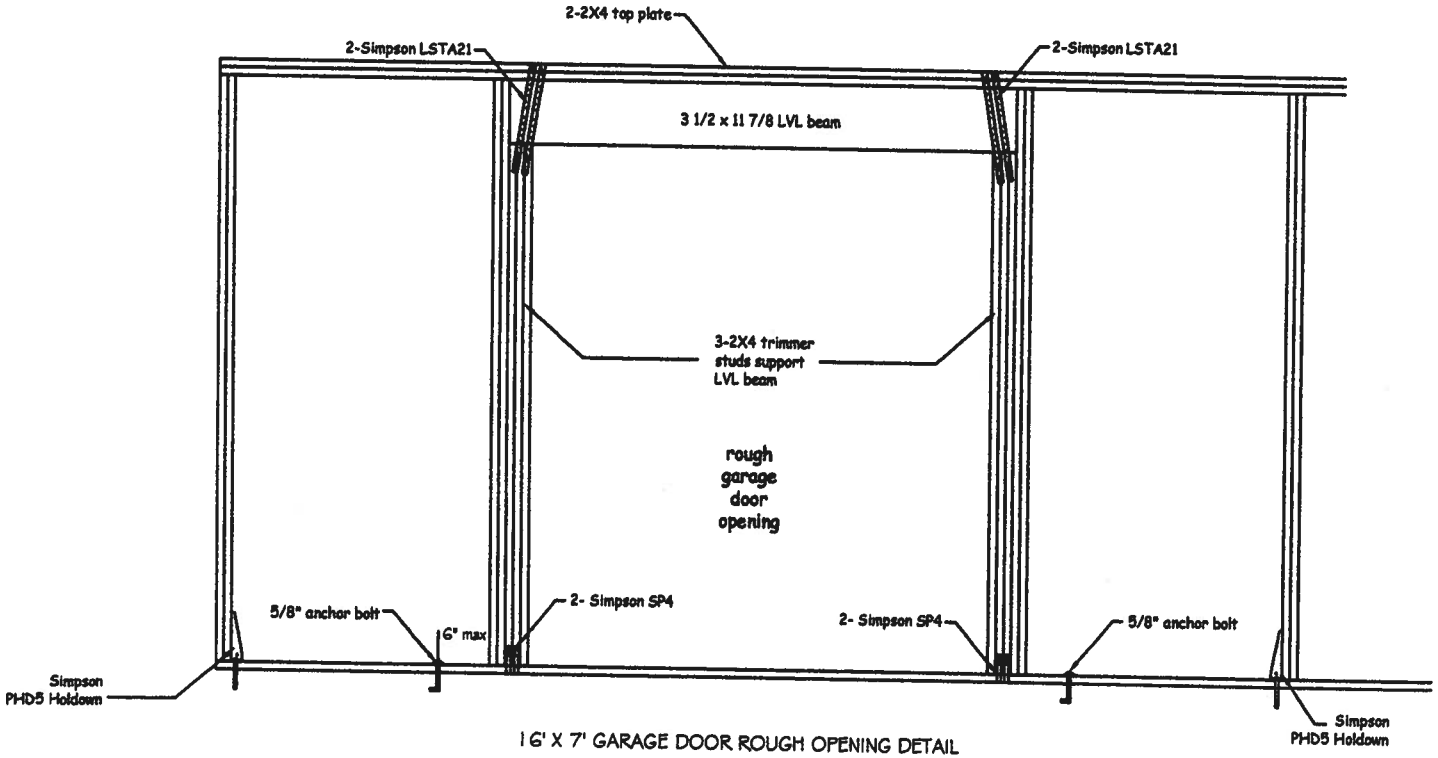
NOT TO SCALE



WINDOW ROUGH OPENING DETAIL

NOT TO SCALE

John Foster
6 Sept-06



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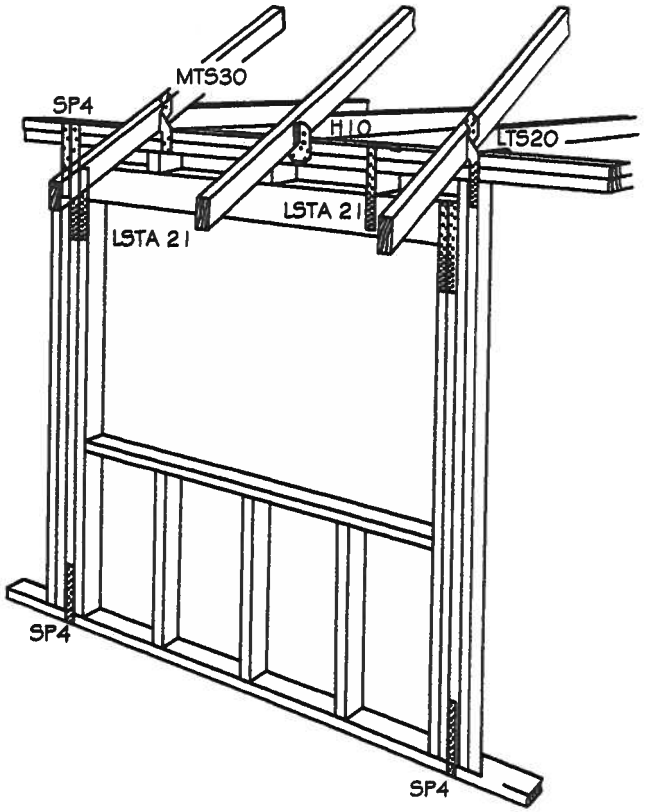

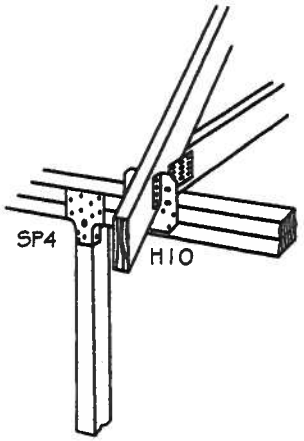

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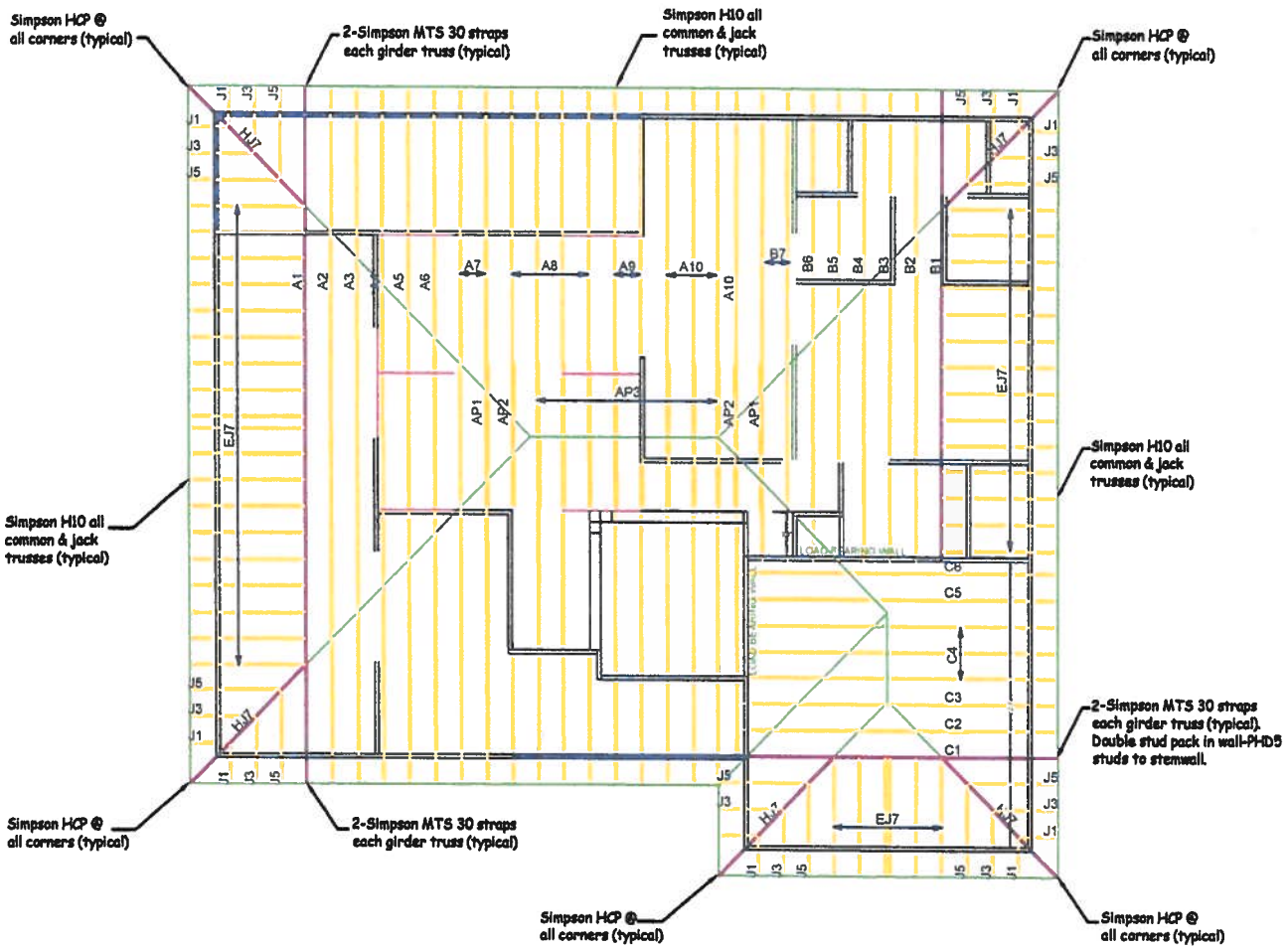

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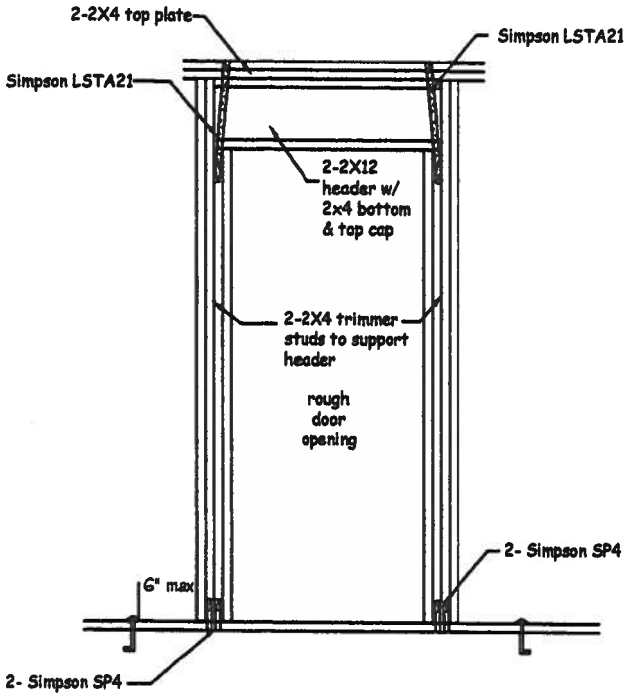

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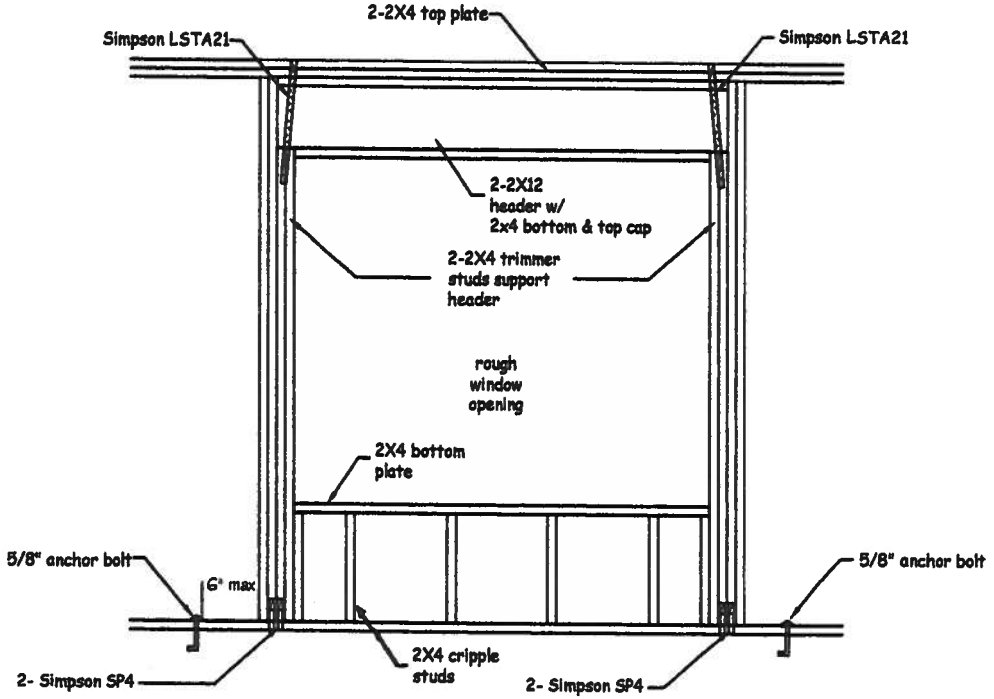

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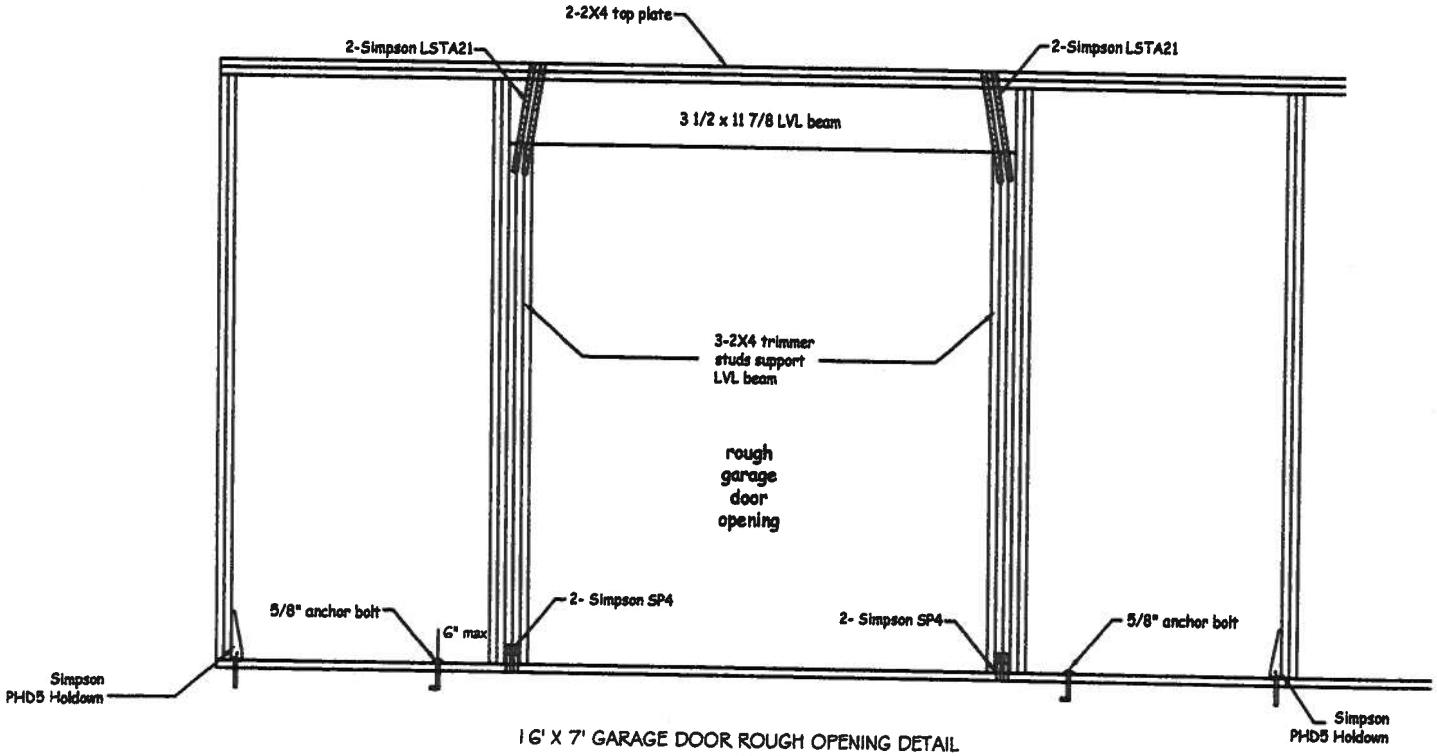

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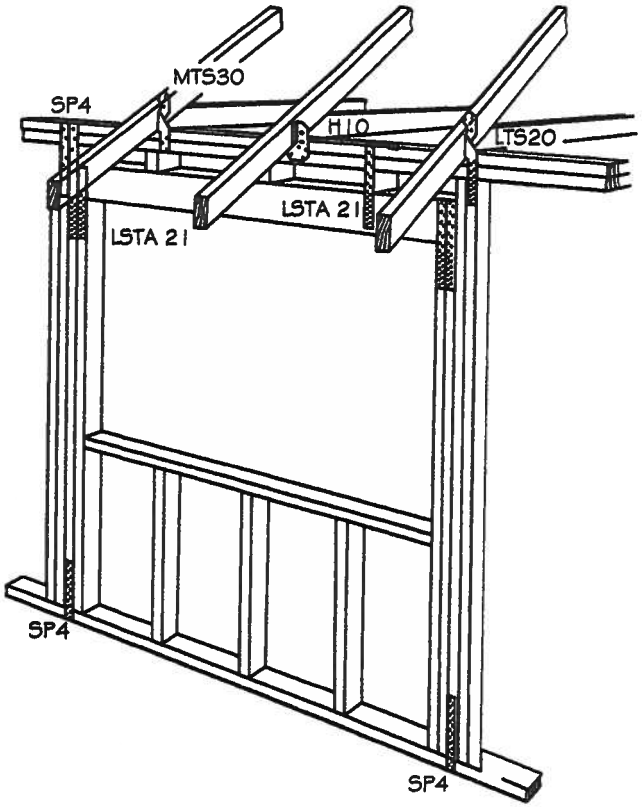

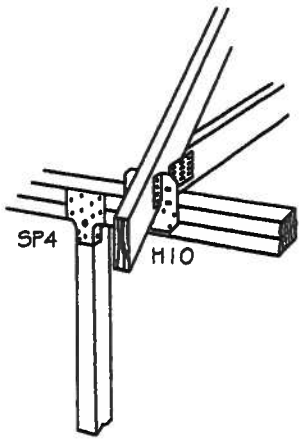

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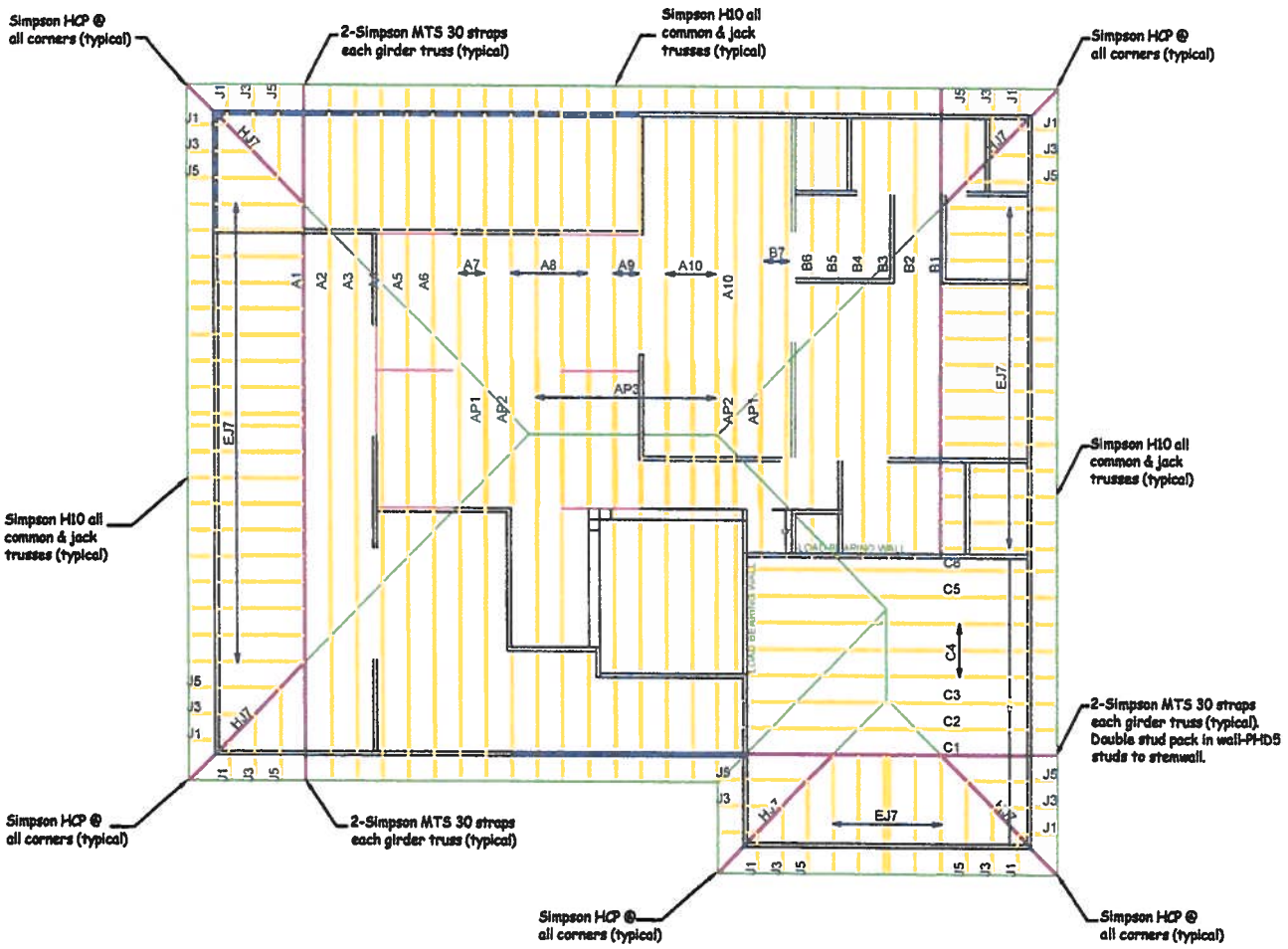

GAGLIANO ENGINEERED TRUSS PLAN

NOT TO SCALE

6 Sept 06

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise. 9 24957

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB103475 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) ______

Section 2: Builder Information

Company Name: L & L Construction Company Phone No. 754-5882

Section 3: Property Information 755-3682

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Charles & Drucilla Gagliano 5
Russwood Estates 1031 SW Troy St.
Lot #5 Lake City, FL 32024

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other ______
Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 10/10/06
Brand Name of Product(s) Used G-Pro Cypermetherin
EPA Registration No. 79676-1
Approximate Final Mix Solution % .25%
Approximate Size of Treatment Area: Sq. ft. 3265 Linear ft. 310 Linear ft. of Masonry Voids 310
Approximate Total Gallons of Solution Applied 700 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) ______

Comments Soil in slab extremely dry - very hard to soak in

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104378

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Shannon Gregory Date 10/10/06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

Form **NPCA-99-B** may still be used form **HUD-NPCA-99-B** (04/2003)

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 10-4S-16-02853-105 **Building permit No.** 000024957

Use Classification SFD/UTILITY **Fire:** 50.22

Permit Holder LEVY SAPP **Waste:** 150.75

Owner of Building CHARLES & DRUCILLA GAGLIANO **Total:** 200.97

Location: 1031 SW TROY STREET(RUSSWOOD EST., LOT 5)

Date: 01/10/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)