

DATE 09/11/2006

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

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

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

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 INCONVENIENCE, 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:

Elizabeth E. Peters
Witness Printed Name Elizabeth E. Peters
Witness Printed Name
State of Florida
County of Columbia

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

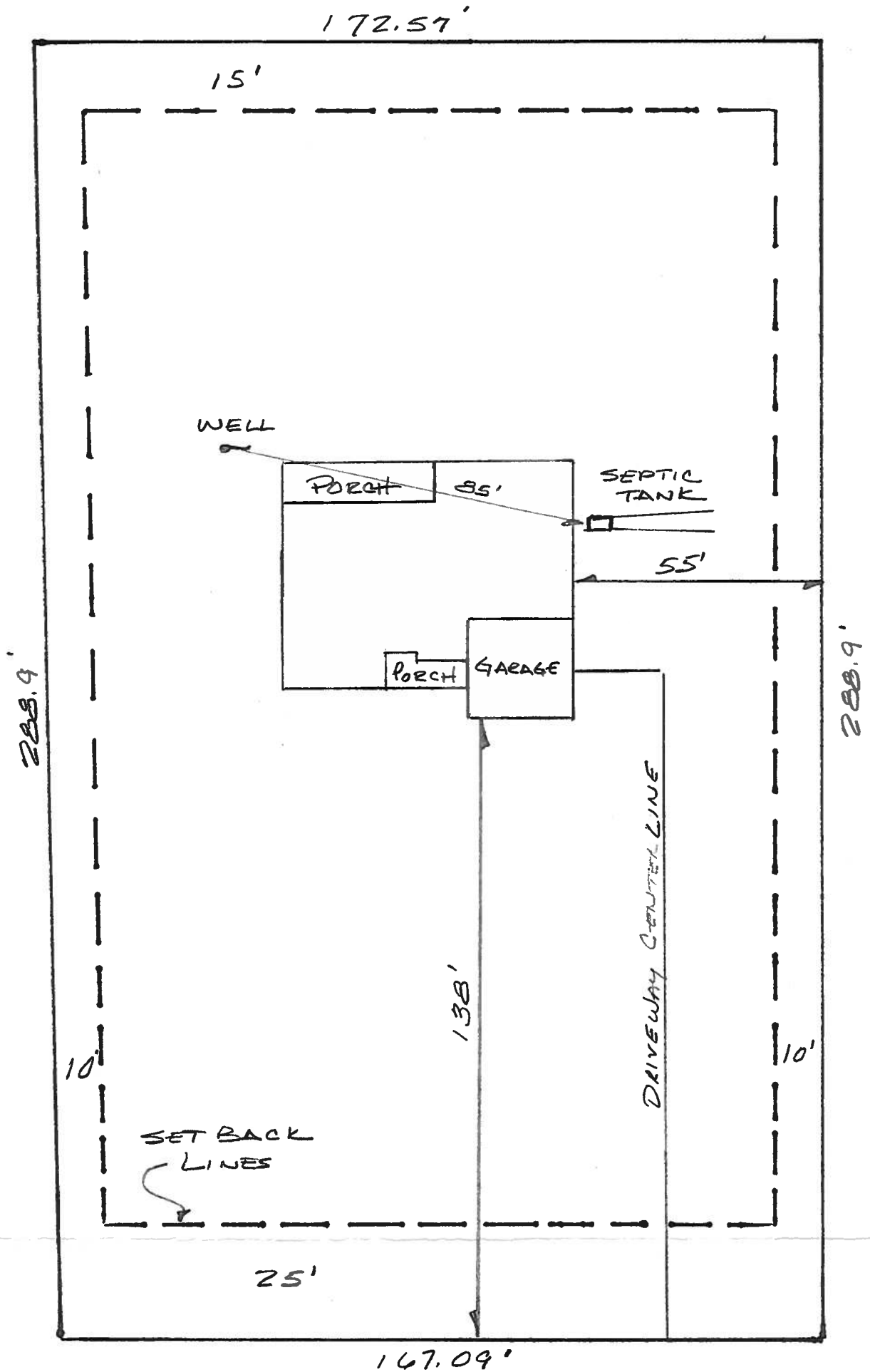
The foregoing instrument was acknowledged before me this 21st day of August, 2006, by Kevin Bedenbaugh, Sr., a married man, and Kevin BEdenbaugh, Jr, a married man,, who is/are personally known to me or who has produced FL. Drivers License as identification.

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

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

CHARLES & DRUCILLA GASLIANO
PLOT PLAN

SCALE: 1" = 30'



1031

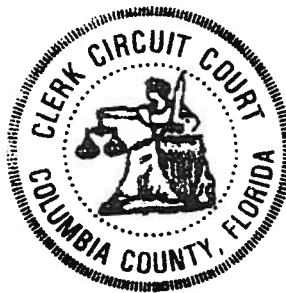
SW TROY ST.

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

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 Seagle
Deputy Clerk

Date 08-22-06



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).

Charles W. Gagliano, II
Borrower Name

Drucilla L. Gagliano
Co-Borrower Name

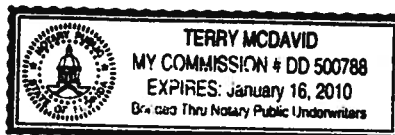
The foregoing instrument was acknowledged before me this 21st day of August, 2006, by CHARLES W. GAGLIANO, II & DRUCILLA L. GAGLIANO, who is personally known to me or who has produced driver's license for identification.

Terry McDavid
Notary Public

My Commission Expires:

Inst:2006019964 Date:08/22/2006 Time:15:23

DC, P. DeWitt Cason, Columbia County B:1093 P:1561



Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0608-84 Date Received 8/24 By TDW Permit # 1200/24957
 Application Approved by - Zoning Official BLK Date 30-08-06 Plans Examiner OKJTH Date 9-11-06
 Flood Zone X P-1 Development Permit MA Zoning RSF-2 Land Use Plan Map Category Res. Low-Dens.
 Comments NOC - SW 1/4 1034 Perry, FL 32348

Applicants Name L & L CONSTRUCTION, LLC Phone 754-5882
 Address 524 NW CARR CT. LAKE CITY, FL 32055
 Owners Name CHARLES & DEUCILLA GAGLIANO Phone 755-3682
 911 Address 1031 SUTROD 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 & DEUCILLA 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 MA Unit 1 Phase
 Driving Directions 90 WEST, SOUTH ON 247, WEST ON SW TROY ST.,
CROSS 252-B 1/10 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 COMMENCEMENT 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)

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

Levy Sapp
 Contractor Signature
 Contractors License Number 06046500
 Competency Card Number
 NOTARY STAMP/SEAL
Danielle L. Messer
 Notary Signature
 DANIELLE L. MESSER
 MY COMMISSION # DB 233085
 EXPIRES: July 16, 2007
 Bonded Thru Budget Notary Services

John: Weegien

**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 TRUSSWOOD 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

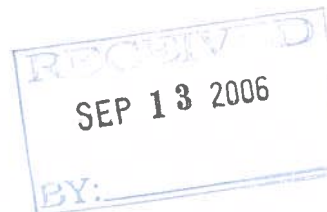
COMMENTS: _____

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





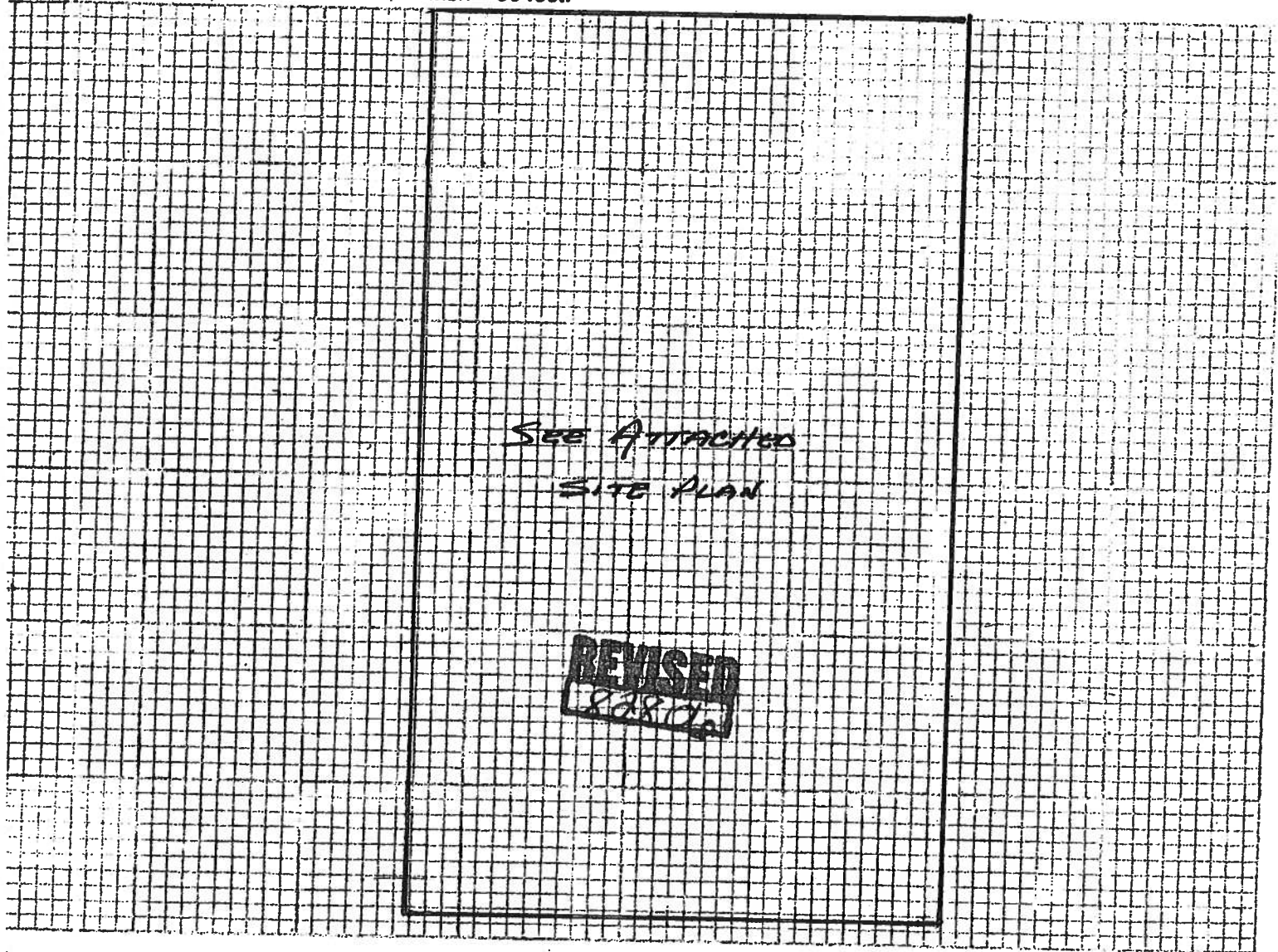
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 09-0944-N

PART II - SITE PLAN

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



Notes: _____

Plan submitted by: [Signature]

Approved [Signature]

APT-11111

Signature
Not Approved

Columbia CHD

AGENT

Title
Date 8/24/06

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



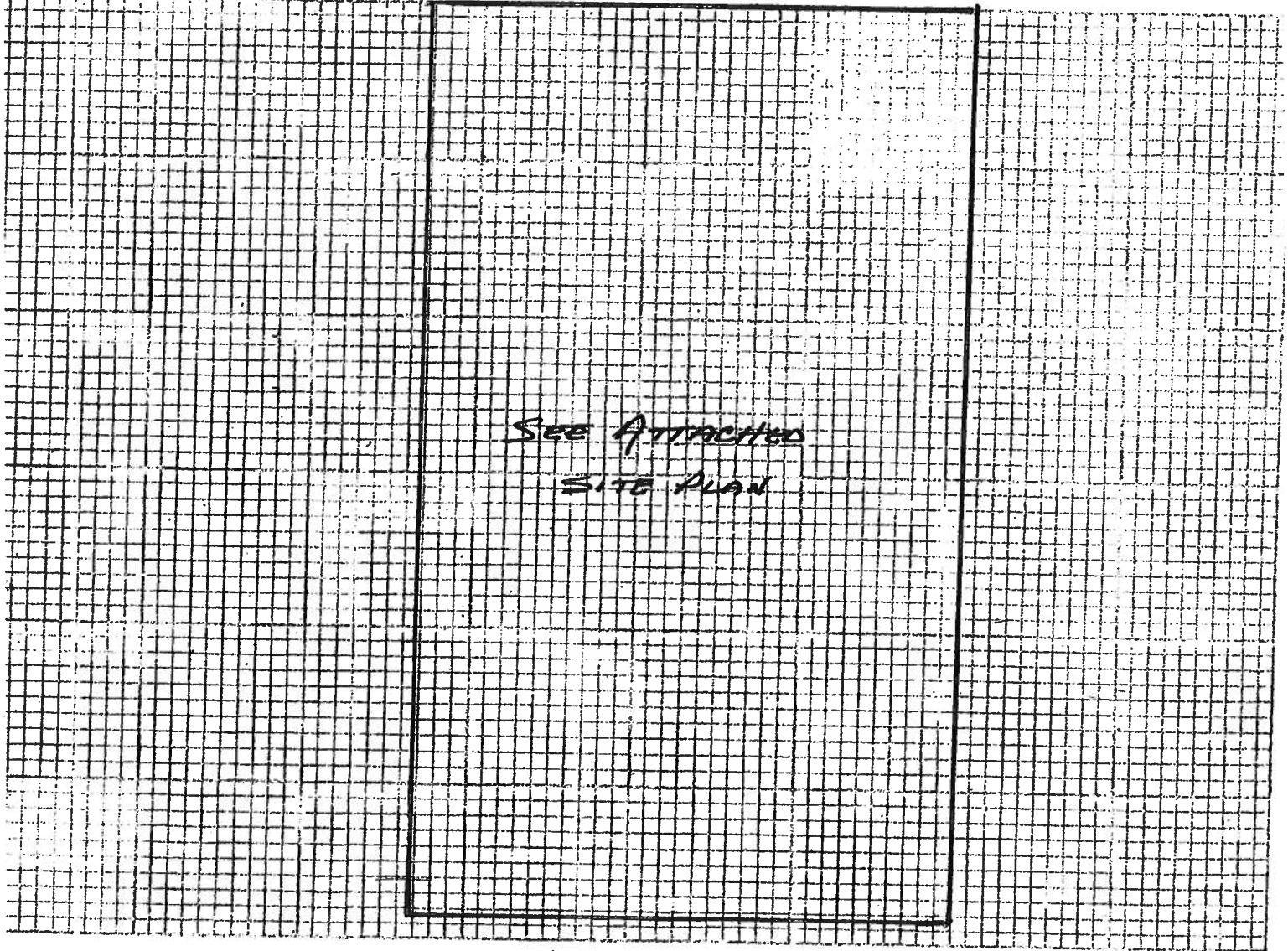
STATE OF FLORIDA
DEPARTMENT OF HEALTH

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

Plan submitted by:

Approved

APPROVED

Signature

Not Approved

Columbia CHD

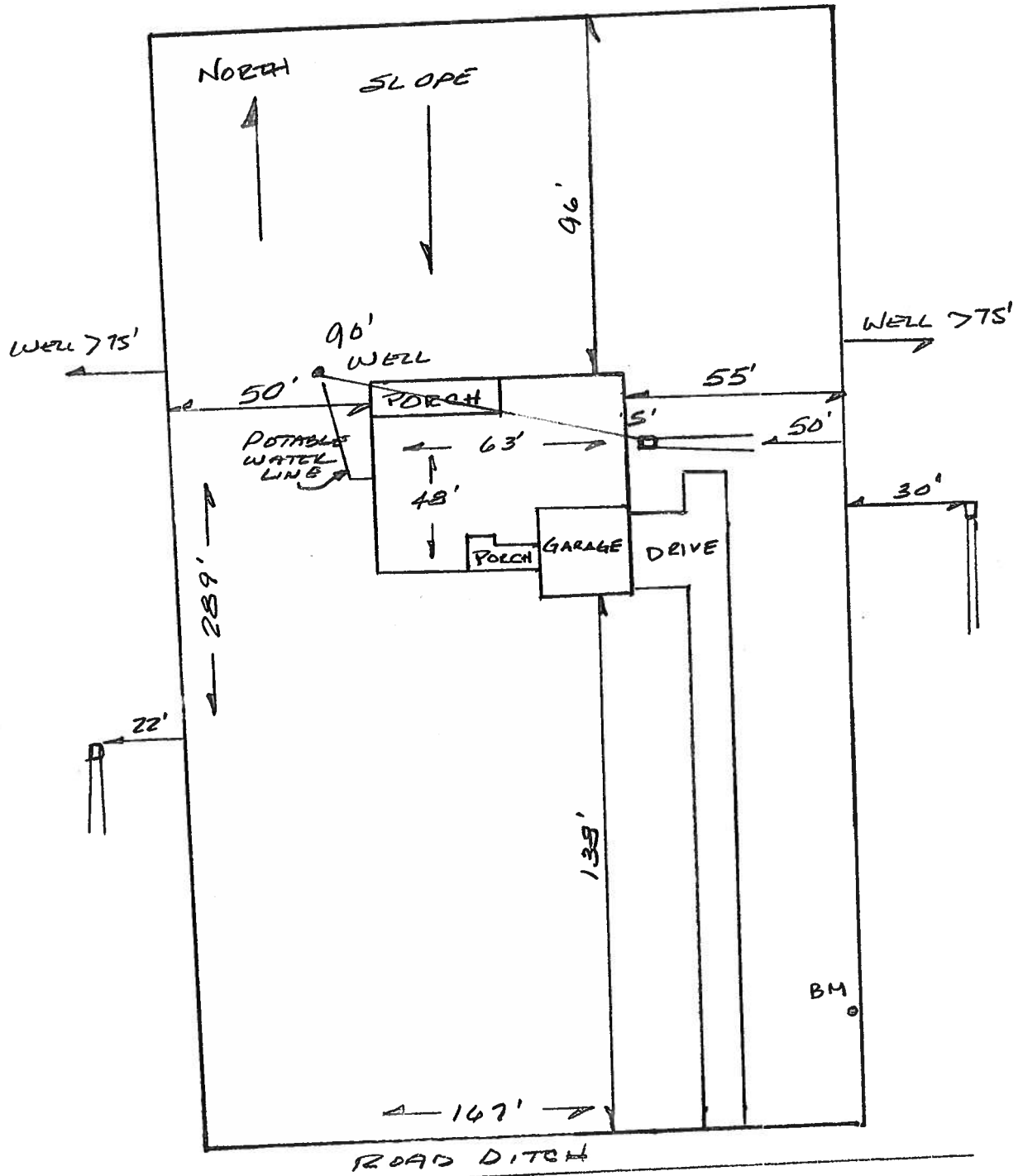
AGENT

Title

Date 8/24/6

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



Remy Sapp. AGENT

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.0

The higher the score, the more efficient the home.

24957

Gagallano Residence, ...

221000:

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

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: LAKELAND, FL 33204



*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 EnergyStarTM 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 EnergyGauge® (Version: FLRCSB v4.21)

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 joist members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier, gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

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

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X Tank	X Multiplier	X Credit = Total
Number of	X	Multiplier	= Total	Volume		Bedrooms	Ratio		Multiplier
Bedrooms									
4		2635.00	10540.0	40.0	0.92	4	1.00	2635.00	1.00 10540.0
As-Built Total:									10640.0

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

PASS



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 (DM x DSM x AHU)	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)	0.428	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 X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2355.0	12.74	6400.5	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:				As-Built Total:				2660.0		9120.7	
DOOR TYPES											
Area X BWPM = Points				Type	R-Value		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:				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:				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:				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

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 (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
32394.0	0.4266	13819.3		<small>(sys 1: Central Unit 46000 btuh, SEER/EFF(13.0) Ducts: Unc(S), Con(R), Ins(AH), R6.0(INS)</small> 30096 1.00 (1.08 x 1.147 x 0.91) 0.263 1.000 8915.3 30096.3 1.00 1.128 0.263 1.000 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 X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X SPM X SOF = Points			
.18	2355.0	20.04	6495.0	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	266.2	
Adjacent	0.0	0.00	0.0								
Base Total:		42.0	172.2	As-Built Total:				42.0		266.2	
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	

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: Gagliano Residence	Jurisdiction Number:
Climate Zone: North	

<p>1. New construction or existing New <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/></p> <p>4. Number of Bedrooms 4 <input type="checkbox"/></p> <p>5. Is this a worst case? No <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 2355 ft² <input type="checkbox"/></p> <p>7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</p> <p>a. U-factor: Description Area</p> <p>(or Single or Double DEFAULT) 7a. (Dble, U=0.6) 92.1 ft² <input type="checkbox"/></p> <p>b. SHGC: 7b. (Clear) 218.1 ft² <input type="checkbox"/></p> <p>(or Clear or Tint DEFAULT)</p> <p>8. Floor types R=0.0, 253.7(p) ft <input type="checkbox"/></p> <p>a. Slab-On-Grade Edge Insulation</p> <p>b. N/A <input type="checkbox"/></p> <p>c. N/A <input type="checkbox"/></p> <p>9. Wall types R=13.0, 2276.7 ft² <input type="checkbox"/></p> <p>a. Frame, Wood, Exterior</p> <p>b. Frame, Wood, Adjacent R=11.0, 383.3 ft² <input type="checkbox"/></p> <p>c. N/A <input type="checkbox"/></p> <p>d. N/A <input type="checkbox"/></p> <p>e. N/A <input type="checkbox"/></p> <p>10. Ceiling types R=30.0, 2850.0 ft² <input type="checkbox"/></p> <p>a. Under Attic</p> <p>b. N/A <input type="checkbox"/></p> <p>c. N/A <input type="checkbox"/></p> <p>11. Ducts Sup. R=6.0, 219.0 ft <input type="checkbox"/></p> <p>a. Sup. Unc. Ret. Con. AH: Interior</p> <p>b. N/A <input type="checkbox"/></p>	<p>12. Cooling systems Cap: 48.0 kBtu/hr <input type="checkbox"/></p> <p>a. Central Unit SEER: 13.00 <input type="checkbox"/></p> <p>b. N/A <input type="checkbox"/></p> <p>c. N/A <input type="checkbox"/></p> <p>13. Heating systems Cap: 48.0 kBtu/hr <input type="checkbox"/></p> <p>a. Electric Heat Pump HSPF: 8.00 <input type="checkbox"/></p> <p>b. N/A <input type="checkbox"/></p> <p>c. N/A <input type="checkbox"/></p> <p>14. Hot water systems Cap: 40.0 gallons <input type="checkbox"/></p> <p>a. Electric Resistance EF: 0.92 <input type="checkbox"/></p> <p>b. N/A <input type="checkbox"/></p> <p>c. Conservation credits <input type="checkbox"/></p> <p>(HR-Heat recovery, Solar DHP-Dedicated heat pump)</p> <p>15. HVAC credits <input type="checkbox"/></p> <p>(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</p>
---	---

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: Benny Jones

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.
 EnergyGauge® (Version: FLRCSB v4.21)

Project Summary
Entire House
 Glenn I. Jones Inc.

Job: **Gagliano Residence**
 Date:
 By:

552 N.W. Hillen Ave., Lake City, FL 32053 Phone: (386)752-5389 Fax: (386)755-5401 Email: louis@biznet.fl.com Web: www.glennjones.com

Project Information

For: **L & L Construction**

Notes:

Design Information

Weather: **Jacksonville Cecil Fld Na, 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/swing 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	5768 Btuh
Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	5768 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	48000 Btuh @ 47°F
Heating output	27 °F
Temperature rise	1800 cfm
Actual air flow	0.045 cfm/Btuh
Air flow factor	0.60 in H2O
Static pressure	
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	1800 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.

Comfort Builder by Wrightsoft 6.0.55 RSRCAR41550

T:\Projects - Quotes\L&L Construction, LLC (Lee Gapp)\Gagliano Residence\Gagliano Residence.rpt C

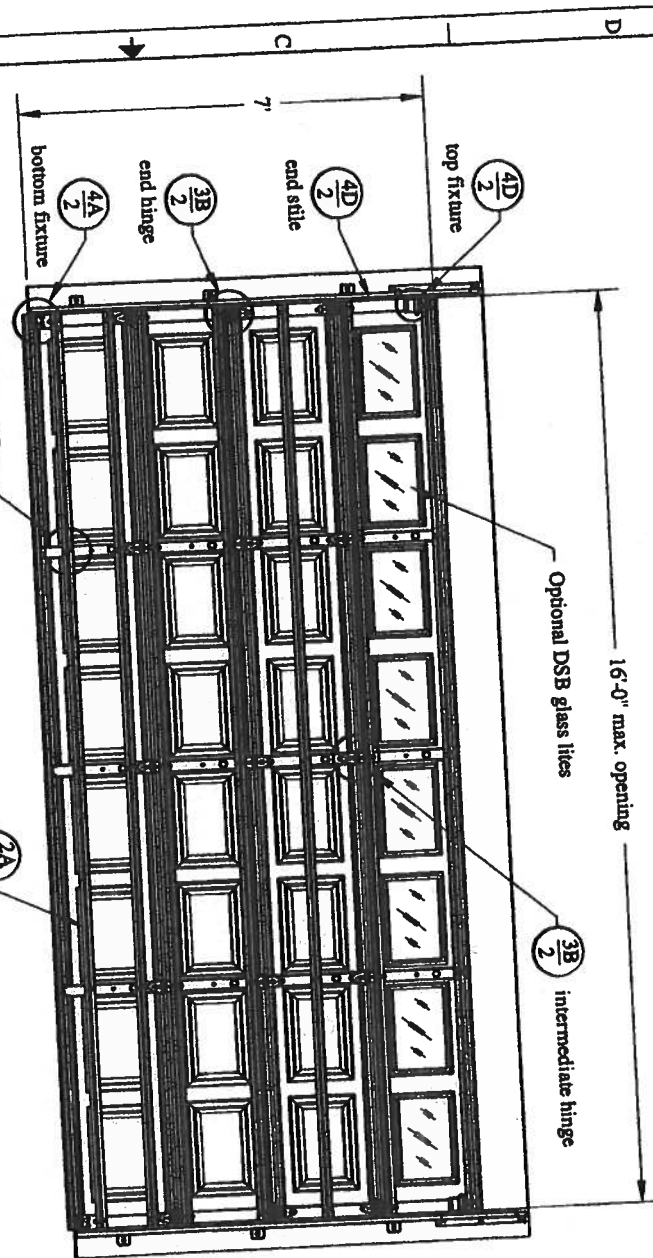
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Page 1

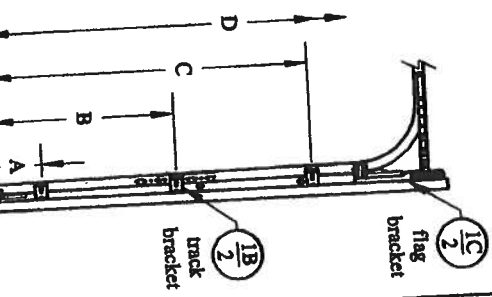
УДК 62-50

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



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

*Dimensions shown above are for doors up to five sections high.
*For doors 6' tall or higher, use 1 1/4" O.D.

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

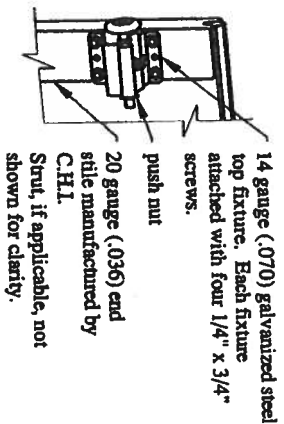
Per 2004 FBC Table 1609.6E, DP meets or exceeds basic wind speed of:
V = 110 MPH for Exposure B and mean roof height of 30' or less
V = 93 MPH for Exposure C and mean roof height of 30' or less

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

Details on some views may have been omitted 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.

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.

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.

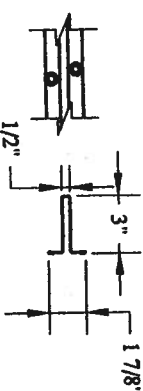
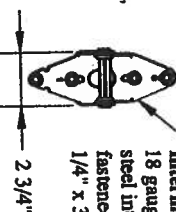
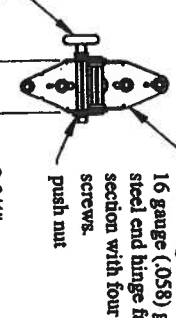
2\" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4\" x 5/8\" track bolt and nut.

End Hinge 16 gauge (.056) galvanized steel end hinge fastened to section with four 1/4\" x 3/4\" screws.

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

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.



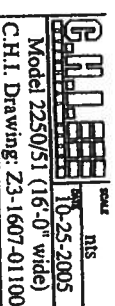
20 gauge (.034) 33 ksi galvanized steel 3\" struts attached with two 1/4\" x 3/4\" screws per stile or hinge plate.

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
Aluminum extrusion
push nut

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

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



PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____

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			FL. 6079.7
1. Single hung			
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			FL. 889-122
1. Siding <i>Hardie</i>			
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	30RF → FL. 1814.3
2. Underlayments			15RF → FL. 1814.1
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Alpine Engineered Products, Inc.

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

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-

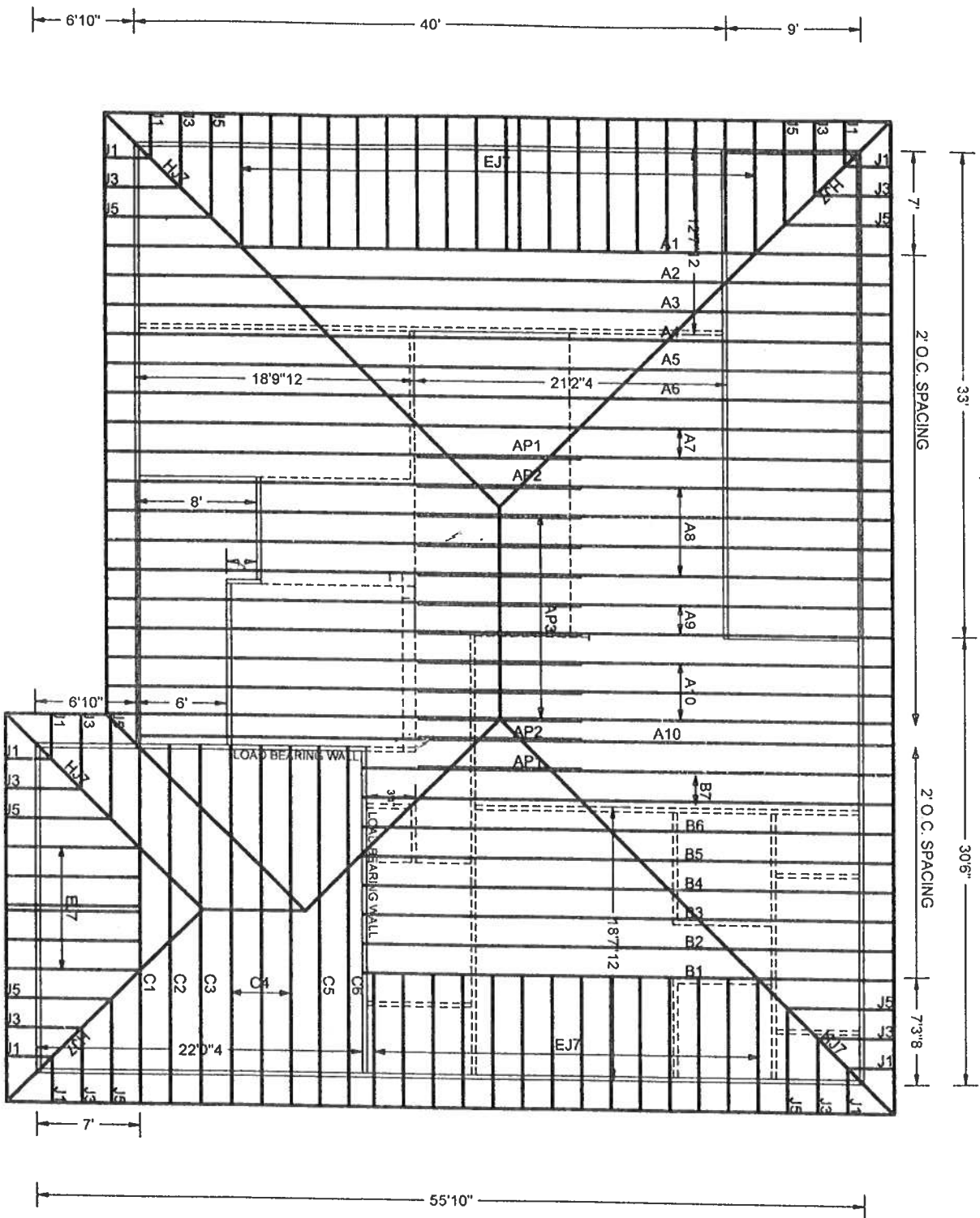
Seal Date: 08/08/2006

-Truss Design Engineer-
Arthur R. Fisher

Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

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

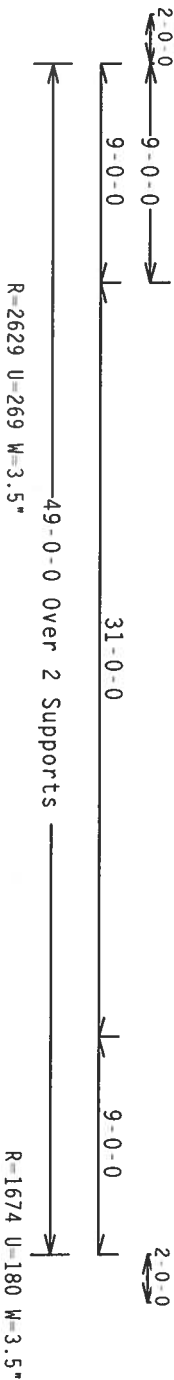
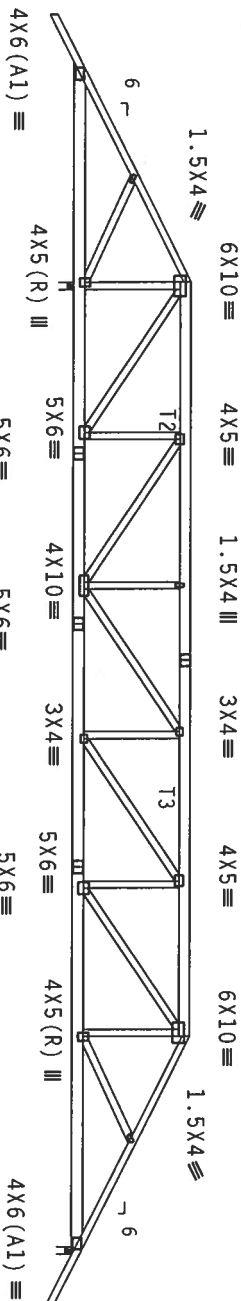
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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.

5X6 ≡



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.24.1

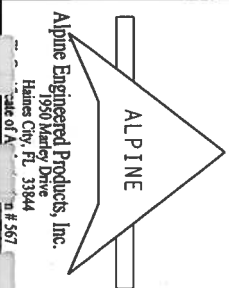
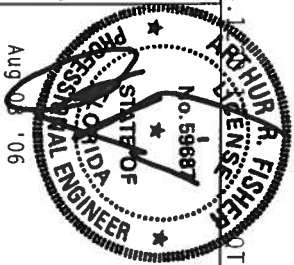
QTY:1 FL/-/6/-/R/-

Scale = .125"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REMEMBER TO FOLLOW THE FOLLOWING SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 OGDON ROAD, SUITE 200, WILSON, NJ 07094) OR ADEQUATELY TRAINED PERSONNEL. THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

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 AIA/PAI AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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	1S2L487	Z04		

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

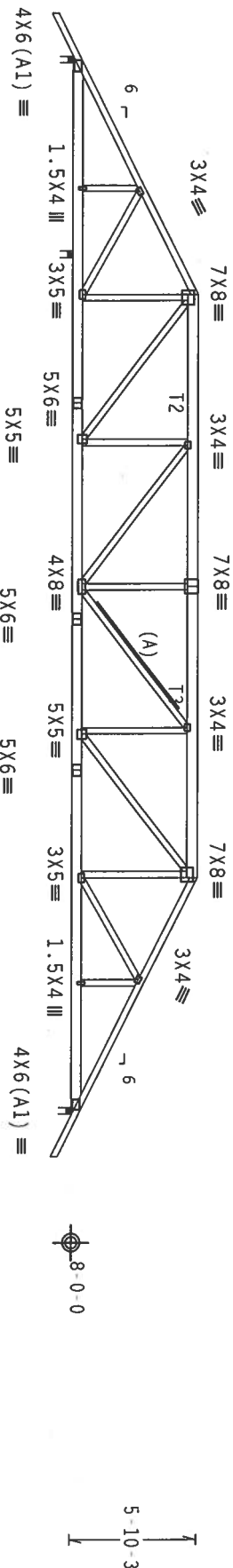
(A) 1x4 SP #3 or better "T" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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.

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.

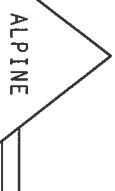


2'-0-0
9'-1-12
11'-0-0
27'-0-0
11'-0-0
2'-0-0
49'-0-0 Over 3 Supports
R=786 U-180 W-3.5"
R=1675 U-180 W-3.5"
R=1842 U-190 W-3.5"

PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)
7.24.1
TY:1 FL/-/6/-/1/-/R/-
Scale = .125"/ft.

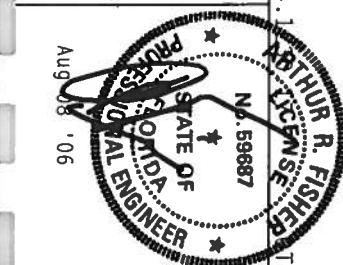
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REWORKING OR ALTERING THE TRUSS IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF ALPINE ENGINEERED PRODUCTS, INC. IS PROHIBITED.
DO NOT REMOVE OR ALTER ANY OF THE DIMENSIONS OR MATERIALS SPECIFIED ON THIS DRAWING.
MODIFICATIONS SHALL BE MADE IN ACCORDANCE WITH THE FOLLOWING: 1. ALL DIMENSIONS SHALL BE IN FEET AND INCHES, UNLESS OTHERWISE SPECIFIED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.
ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Phone 888-567-5671

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.
ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.



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"		

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.

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



R=1658 U=180 W=3.5^m

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

7.24.16

FL/-/-61/-/-R/-

Scale = .125"/Ft.

No. 59687

ALPINE ENGINEERED



Aug 08 '06

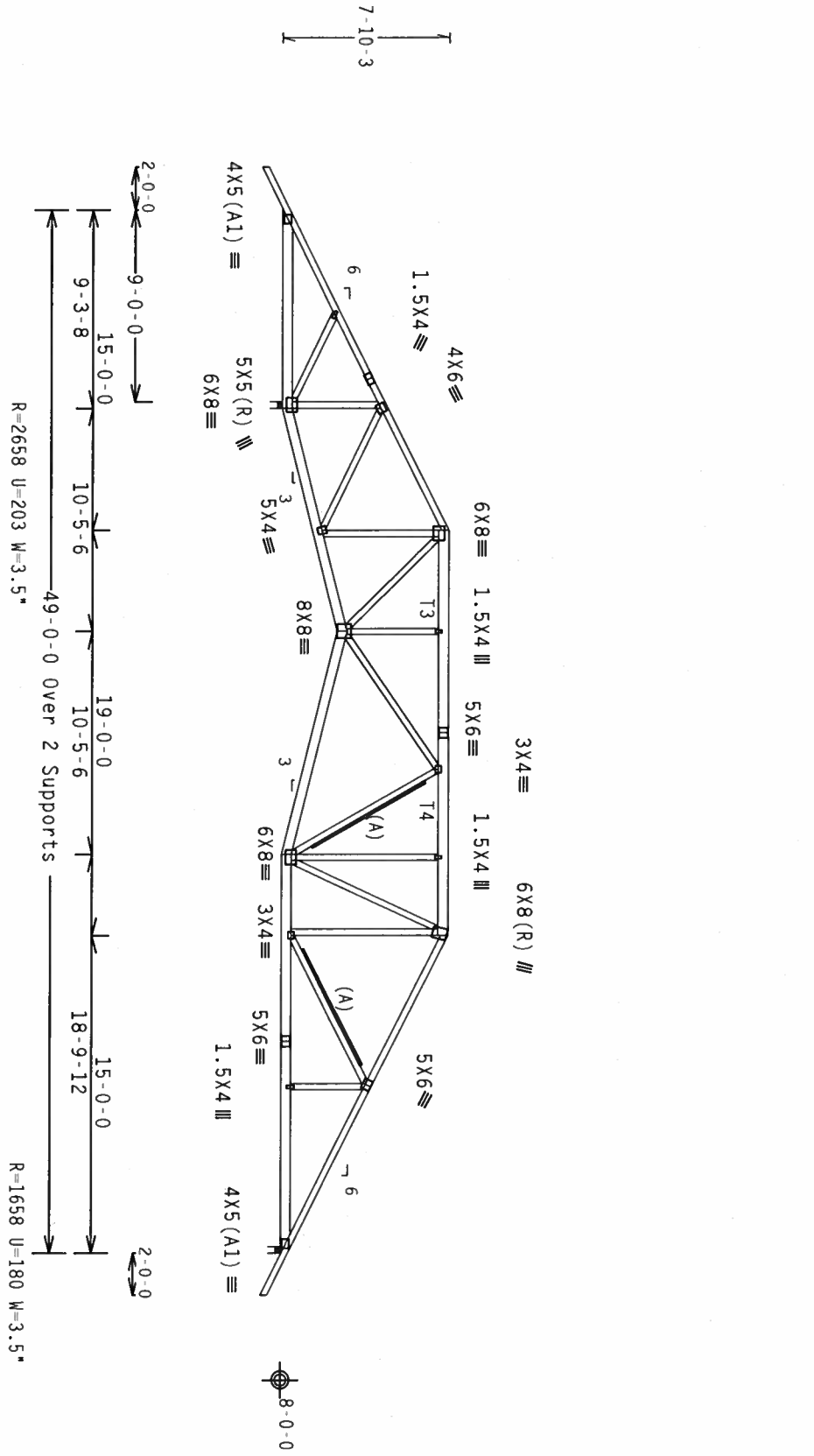
5

REF	R487--	94888
DATE	08/08/06	
DRW	HCSR487	06220025
HC-ENG	DAL/AF	
SEQN-	118897	
REF-	1521487	704

(6 288 L&L Construction Gaigliano . ** 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.
 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.



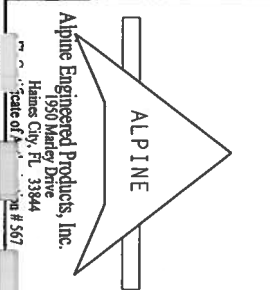
PLT TYP. Wave

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

7.24.16 EXHIBIT 1

FL/-/6/-/R/-

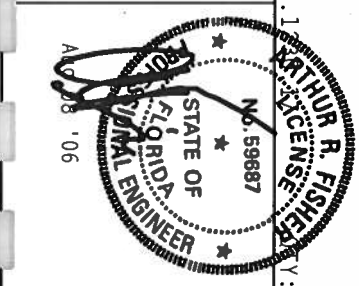
Scale = .125"/ft.



ALPINE
 Engineered Products, Inc.
 1950 Marley Drive
 Haines City, FL 33844
 Phone 888-567-5671

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (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 A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASI) AND TPI. ALPINE TRUSSES ARE DESIGNED TO BE USED WITH 1600K OR 1800K (K=KIPS) GALV. STEEL. APPLY TO EACH FACE OF TRUSS AND TO EACH FACE OF CEILING. ANY DEVIATION FROM THIS DESIGN, POSITION PER DRAWINGS 1600-K, 1800-K, SHALL BE PERMITTED ONLY BY A WRITTEN ORDER FROM ALPINE ENGINEERED PRODUCTS, INC. 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 AWS/TPI 1 SEC. 2.



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	SEON-	118911
DUR. FAC.	1.25		
SPACING	24.0"		
JREF-	1SZL487	Z04	

THIS WORK PREPARED FROM COMPUTER INPUT (LUAUS & DIMENSIONS) SUBMITTED BY IKUSS MRK.

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.

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.

Scale = .125"/ft.

REF	R487 - - 94890
DATE	08/08/06

[illegible]

HC-ENG DAL/AF

1DEC 1971 107 704

REF - 152L481 204

Bot	chord	2X6	SP	#1	Dense
Webbs	2X4	SP	#3		

(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.

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.

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.



Scale = 125"/Ft

STATE OF
No. 99687
JAN 19 1968

TC LL	20.0 PSF	REF R487 - - 94891
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCURSR487 06220027

Aug 08 '06

19

SPACING	24.0"	JREF - 1SZL487 Z04
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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.

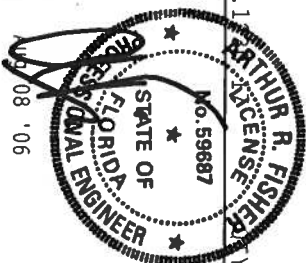
(C) Continuous lateral bracing equally spaced on member. Or 2x4 SP #3 or better "T" brace. 80% length of web member. Attached With 16d Box or Gun (0.135"x3.5",min.) nails @ 6" OC.

In lieu of structural panels or rigid ceiling use purllins 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.



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.



TC LL	20.0 PSF	REF	R487 - - 94892
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCUSR487 062220034
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

(6 288 L&L Construction Gagliano , ** A9)
Top chord 2x6 SP #1 Dense :11, 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 (0.135"x3.5",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.

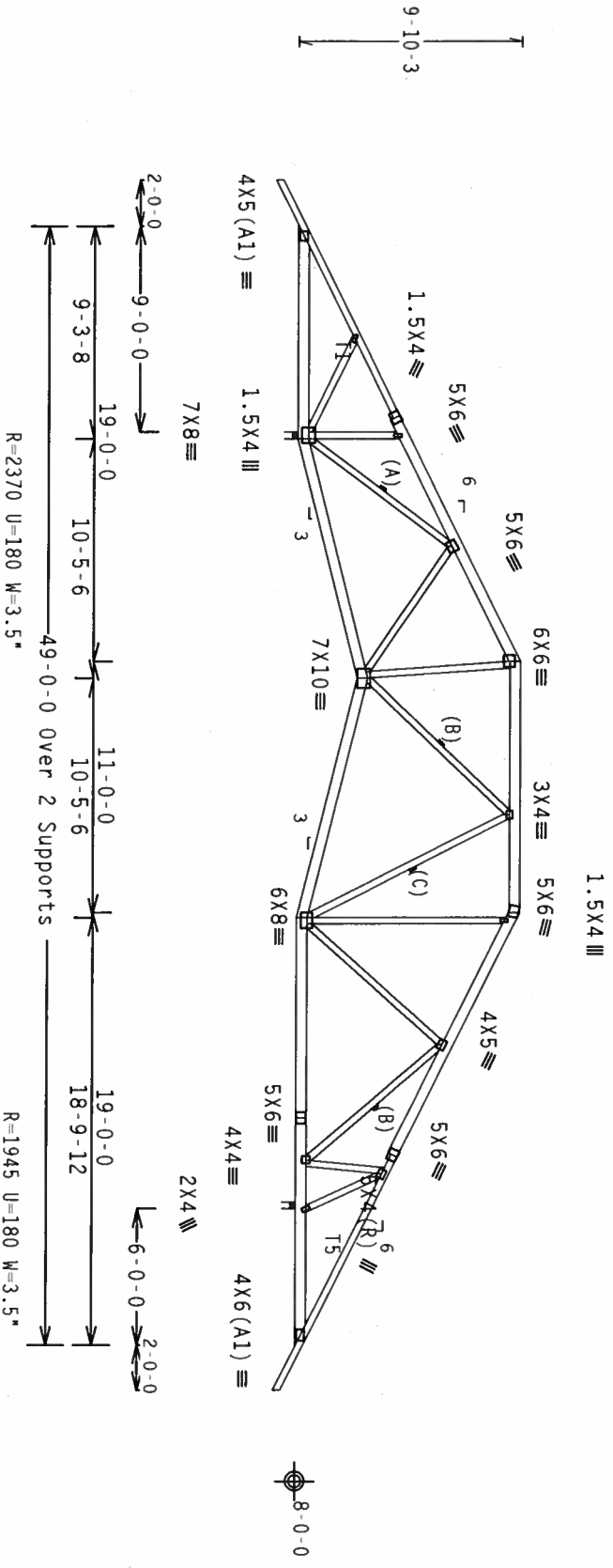
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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.

(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.



PLT TYP. Wave

Design Crit: TP1-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

7.24.1

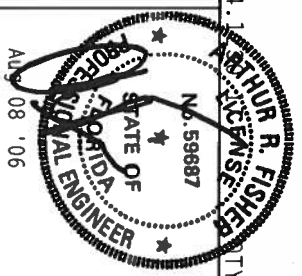
FL/-/6/-/-/R/-

Scale = .125"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFERENCE TO THE FOLLOWING INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 563 DUNDAS ST. W. SUITE 200, MISSISSAUGA, ONTARIO L4V 1V4, CANADA, IS SOLELY FOR INFORMATIONAL PURPOSES. THE TRUSS PLATE INSTITUTE IS NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE TRUSS. THE TRUSS PLATE INSTITUTE IS NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE TRUSS. THE TRUSS PLATE INSTITUTE IS NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE TRUSS.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AFPA AND TP1. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AFPA AND TP1.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP1-2002 SEC.3. A SEAL ON THIS DESIGN SHALL BE OBTAINED FROM THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/PTI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Gainesville, FL 33844
Date of A: 08/06/06

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	1S2L487 204

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.

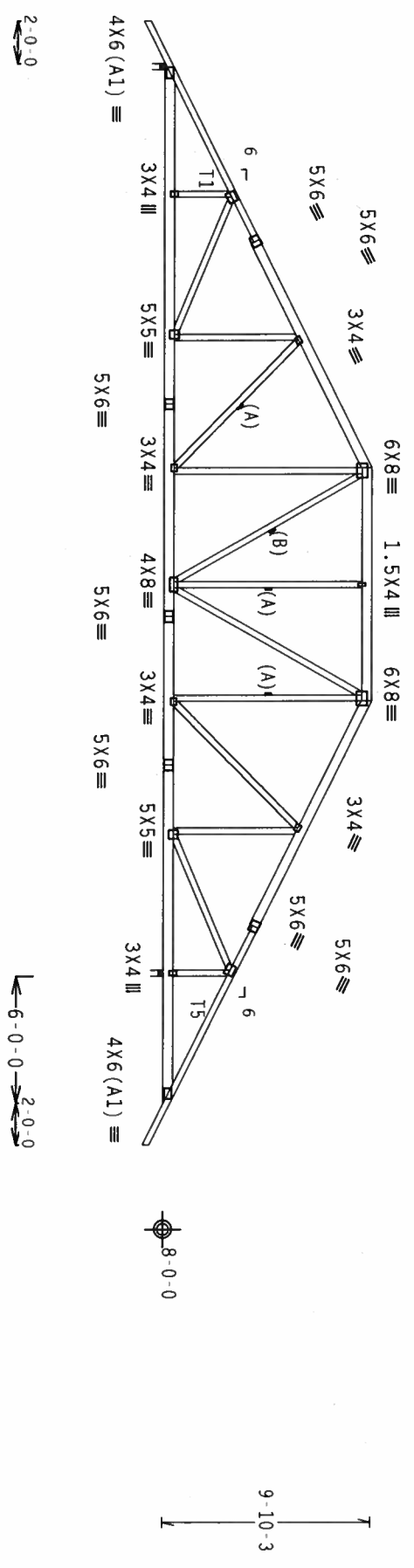
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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.

(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.



2'-0-0
19'-0-0
11'-0-0
19'-0-0
2'-0-0
49'-0-0 Over 2 Supports
R=1849 U=180 W=3.5"
R=2454 U=237 W=3.5"

PLT TYP. Wave

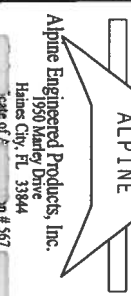
Design Cmt: TP1-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

7.24.1

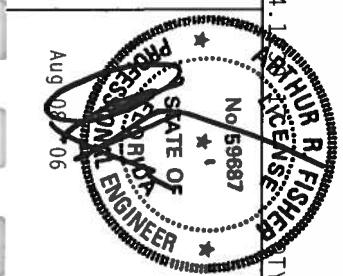
Scale = .125"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE FOLLOWING COMPANIES FOR TRUSS PLATE INSTRUCTIONS: S&S, D'ONOFRIO DR., SUITE 200, MAISON, WI 53219, AND MICA, 4000 TRUSS DRIVE, MAISON, WI 53219. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1664 (W/5/5) ASTM A653 GRADE 40/60 (W/5/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, Z.



ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



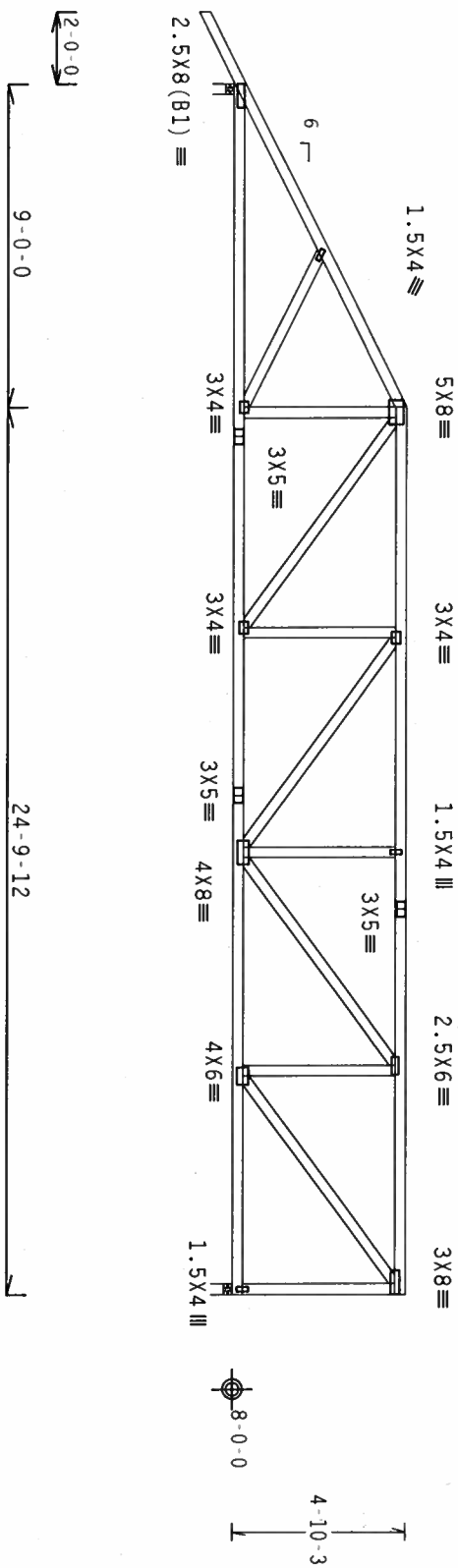
TC LL	20.0 PSF	REF	R487-- 94894
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCUSR487 06220030
BC LL	0.0 PSF	HC-ENG	DAL/AF
TOT.LD.	40.0 PSF	SEQN-	118992
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	15ZL487 204

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.



9-0-0
24-9-12
33-9-12 over 2 Supports
R=1537 U=180 W=3.5"
R=1382 U=180 W=3.5"

PLT TYP. Wave

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



Scale = .1875"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 581 O'CONNOR DR., SUITE 200, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 100, FARMINGTON, CT 06031) FOR BEST PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 MOD (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. APPLY CONNECTOR PLATES ARE MADE OF 2018/1664 (W/H/S/K) ASH A653 GRADE 40/60 (W/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) 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.

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844
Date of: 7/1/06

Job # 557

TC LL	20.0 PSF	REF	R487 - 94896
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 204

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 1, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

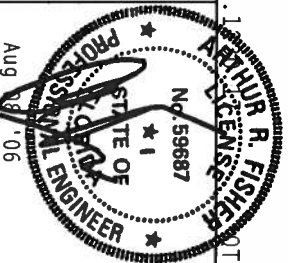
Right end vertical not exposed to wind pressure.

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



1950 Marley Drive
Haines City, FL 33844

****IMPORTANT**** Furnish a copy of this design to the INSTALLATION CONTRACTOR AND THE ENGINEER BEFORE PROCEEDING WITH FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. FRUITS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, DESIGNING, INSTALLING & BRACING OF TRUSSES. DISCUSS COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AREA) AND TPI-1. ATTENTION IS DRAWN TO THE REQUIREMENTS OF SECTION 6.0 OF THE AISC STEEL ERECTORS' HANDBOOK, 9TH EDITION, WHICH SETS OUT RULES FOR EACH TYPE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA AS OF TPI-1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGN AND THE QUALITY OF THE WORKMANSHIP. THE USER OF THIS DOCUMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE USER.



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

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

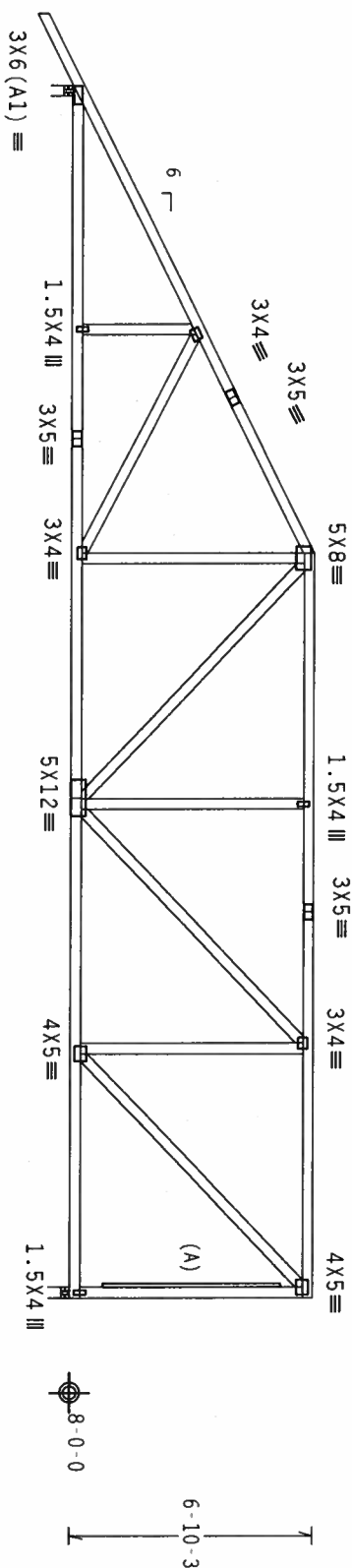
(A) 1x4 SP #3 or better "T" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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.



12'-0-0

13'-0-0

20'-9-12

R=1537 U=180 W=3.5"

R=1382 U=180 W=3.5"

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 = .1875"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TPI-2002(STD) FOR ALL INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, 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 A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

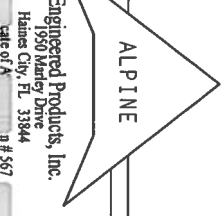
ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI-2002(STD). ALPINE

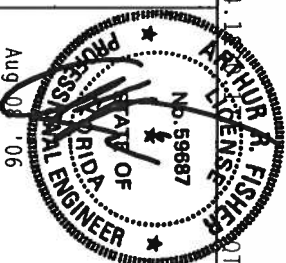
CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S) ASTM A653 GRADE 40/50 (4" K/M, S) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Alpine Engineered Products, Inc.
1990 Marley Drive
Haines City, FL 33844
Call of A
567



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	15ZL487 204

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 1" 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.


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

7.24

QTY:1 FL/-/6/-/-/R/-

Scale = .1875"/Ft.

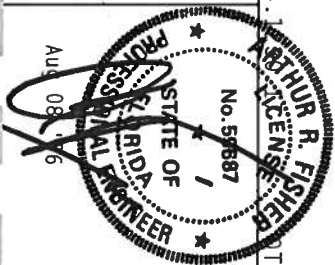
WARNING THESE REQUIRE EXPERIENCE AND IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCCL 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (CRISS PLATE INSTITUTE), 563 D'ONOFIO RD., SUITE 200, MADISON, WI 53719. AND APCA (WOOD FRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, N.W. 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 TOP CHORD CEILING.

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

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 AIAA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF ALUMINUM IN ACCORDANCE WITH THE AIAA SPECIFICATION.

Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844
Estate of A. J. #567



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

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.

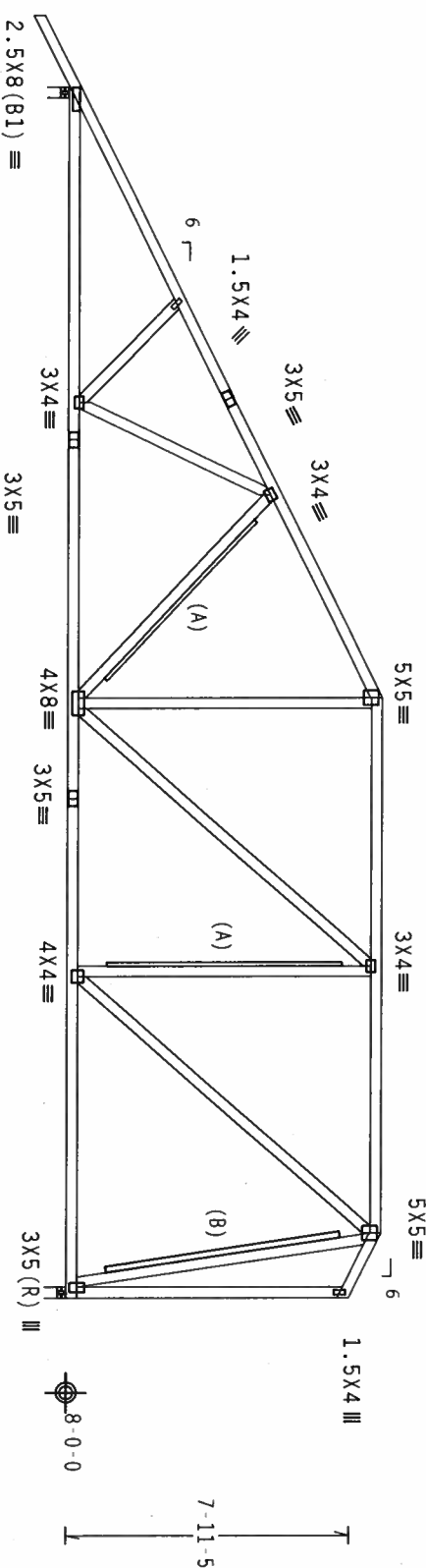
In lieu of structural panels or rigid ceiling use purlins to
brace TC @ 24" OC, BC @ 24" OC.

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.



12'-0" \leftarrow 17'-0" \leftarrow 15'-0" \leftarrow 1'-9" \leftarrow
33'-9" over 2 Supports
R=1537 U=180 W=3.5"
R=1382 U=180 W=3.5"

PLT TYP. Wave

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

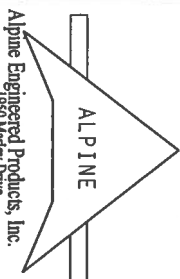
QTY: 1 FL/-/6/-/R/-

Scale = .1875"/ft.

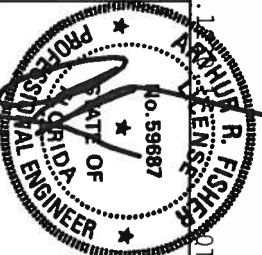
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31.1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS COMPANY, 6500 ENTERPRISE RD., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P) AND TPI. ALPINE

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. CONNECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING SHALL BE THE SUIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1990 Marley Drive
Haines City, FL 33844
Phone 888-357-5672



TC LL	20.0 PSF	REF	R487--	94900
TC DL	10.0 PSF	DATE	08/08/06	
BC DL	10.0 PSF	DRW	HCUR487	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

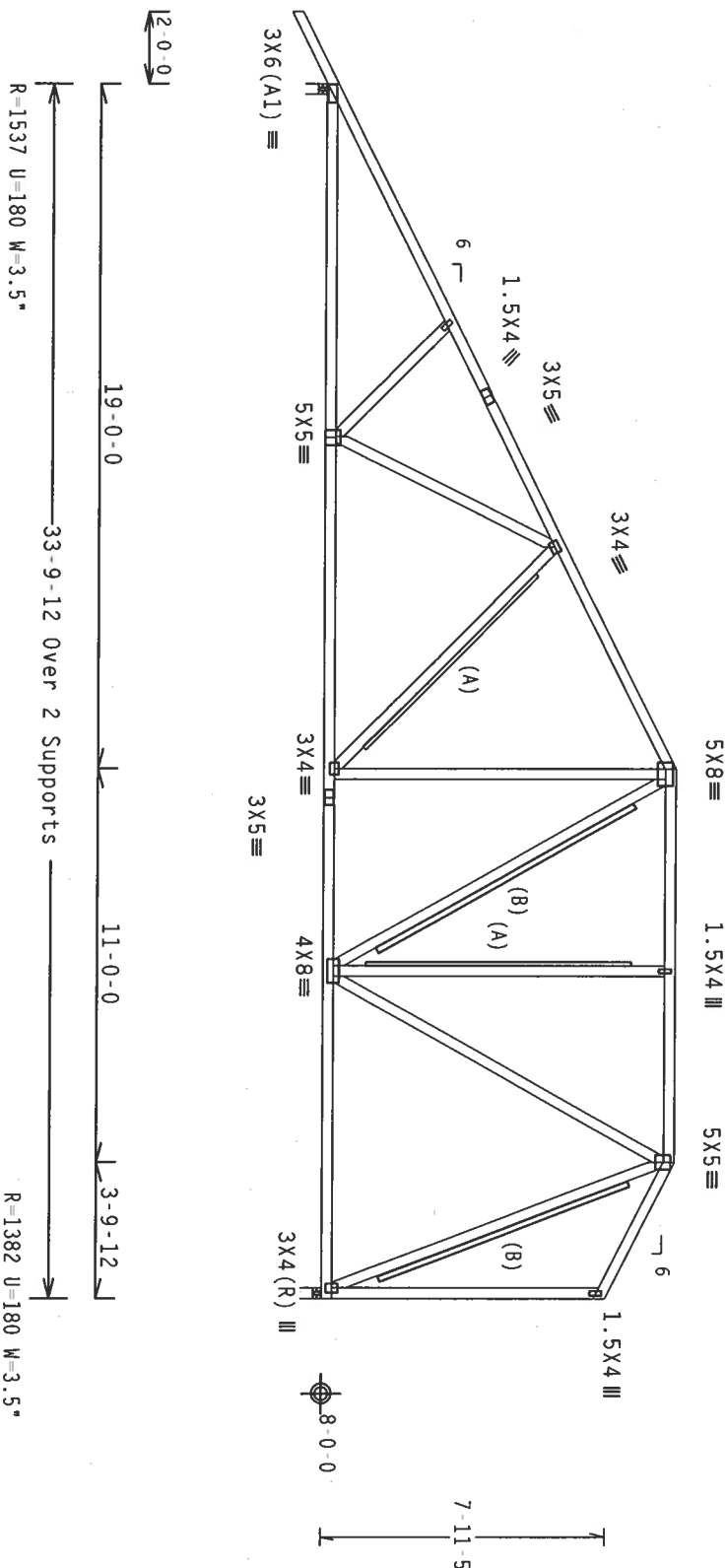
(A) 1x4 SP #3 or better "T" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.
In lieu of structural panels or rigid ceiling use purlins to
brace TC @ 24" OC, BC @ 24" OC.

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.



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 = .1875"/ft.

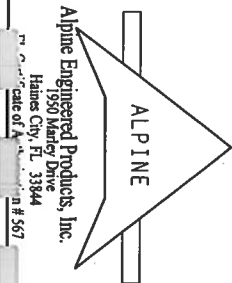
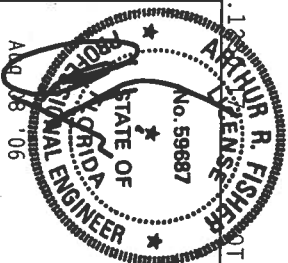
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31-1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE 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 A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ALPINE ENGINEERED PRODUCTS, INC. IS NOT RESPONSIBLE FOR THE DESIGN OF ANY OTHER STRUCTURAL ELEMENTS OR THE DESIGN OF THE BUILDING AS A WHOLE.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF ANY OTHER STRUCTURAL ELEMENTS OR THE DESIGN OF THE BUILDING AS A WHOLE.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF ANY OTHER STRUCTURAL ELEMENTS OR THE DESIGN OF THE BUILDING AS A WHOLE.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Phone: 888-357-3577
Fax: 888-357-3578
Website: www.alpineeng.com

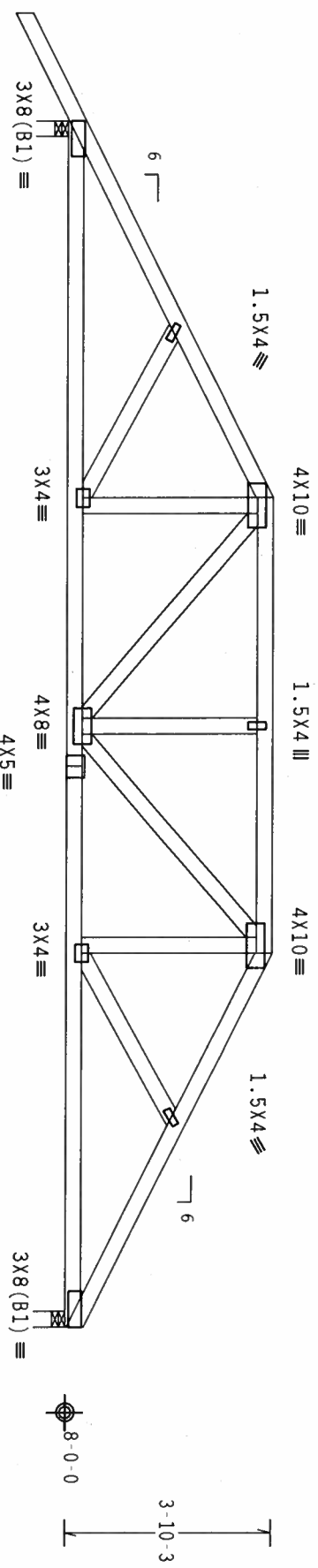
TC LL	20.0 PSF	REF	R487-- 94901
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCSR487 06220150
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	12361
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	15ZL487 204

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

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

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

#1 hip supports 7'-0" jacks with no webs.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



22-6-0 Over 2 Supports
R=1919 U=184 W=3.5"
R=1772 U=180 W=3.5"

PLT TYP. Wave

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

Scale = .3125"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING. REFER TO BC31.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE INTERNATIONAL ASSOCIATION OF BUILDING OFFICIALS (IABO), 1000 RIVERVIEW DRIVE, SUITE 200, MADISON, WI 53719, AND IBCA (INTERNATIONAL BUILDING CODES), 6500 EXETER STREET, 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 A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI-2002 (STD).

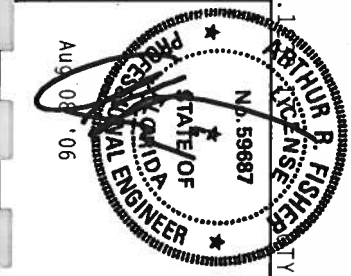
ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI-2002 (STD).

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI-2002 (STD).

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI-2002 (STD).

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI-2002 (STD).

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI-2002 (STD).



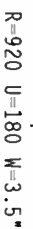
TC LL	20.0 PSF	REF	R487-- 94902
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCUSR487 06220031
BC LL	0.0 PSF	HC-ENG	DAL/AF
TOT.LD.	40.0 PSF	SEQN-	118868
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	15ZL487 Z04



Alpine Engineered Products, Inc.
1990 Marley Drive
Haines City, FL 33844
State of Florida License No. 59687

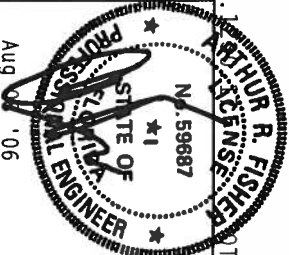
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



Scale = .3125"/Ft.

UNDERSTANDING THE 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/TP1 1 SEC. 2.

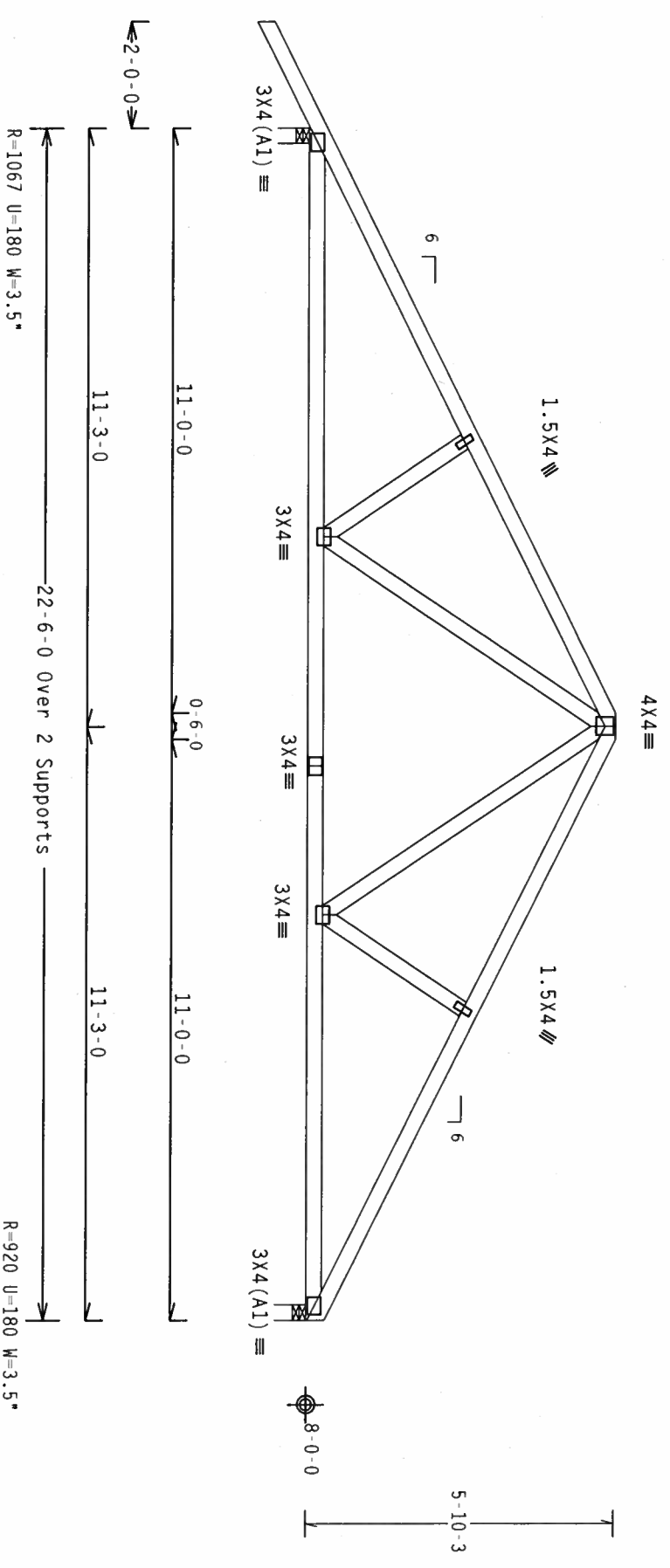


TC LL	20.0 PSF	REF	R487 - - 94903
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCU8R487 06220028
BC LL	0.0 PSF	HC-ENG	DAL/AF *
TOT.LD.	40.0 PSF	SEQN -	118840
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1SZL487 Z04

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

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

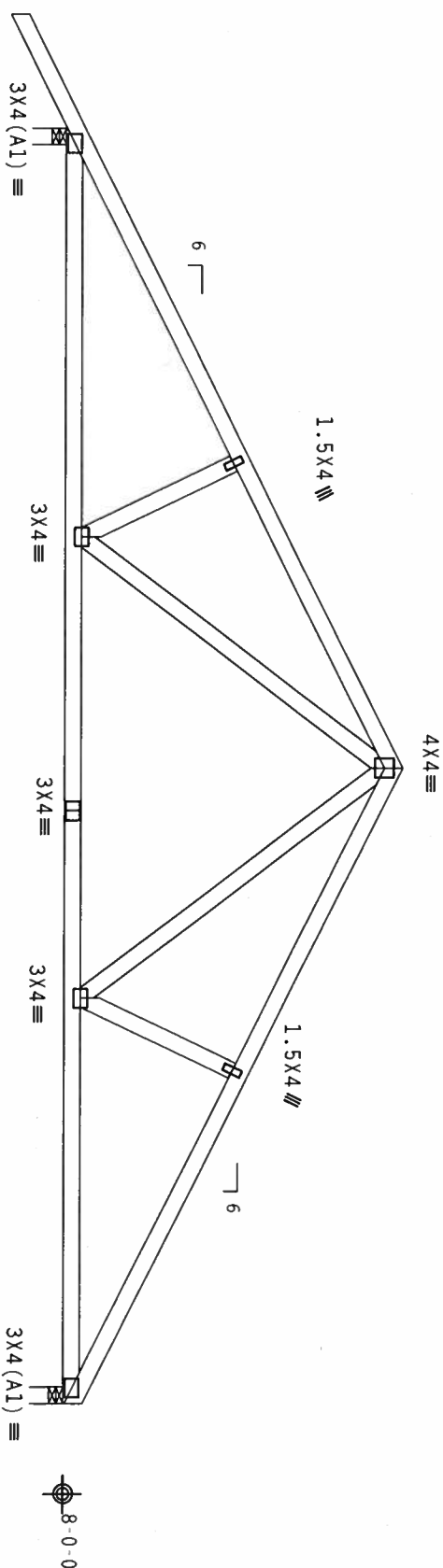
Design Cmt: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12

Scale = .3125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 030 BUILDING CODE, 1997 EDITION, (1) PLATE 1000, (2) PLATE 1001, (3) PLATE 1002, (4) PLATE 1003, (5) PLATE 1004, (6) PLATE 1005, (7) PLATE 1006, (8) PLATE 1007, (9) PLATE 1008, (10) PLATE 1009, (11) PLATE 1010, (12) PLATE 1011, (13) PLATE 1012, (14) PLATE 1013, (15) PLATE 1014, (16) PLATE 1015, (17) PLATE 1016, (18) PLATE 1017, (19) PLATE 1018, (20) PLATE 1019, (21) PLATE 1020, (22) PLATE 1021, (23) PLATE 1022, (24) PLATE 1023, (25) PLATE 1024, (26) PLATE 1025, (27) PLATE 1026, (28) PLATE 1027, (29) PLATE 1028, (30) PLATE 1029, (31) PLATE 1030, (32) PLATE 1031, (33) PLATE 1032, (34) PLATE 1033, (35) PLATE 1034, (36) PLATE 1035, (37) PLATE 1036, (38) PLATE 1037, (39) PLATE 1038, (40) PLATE 1039, (41) PLATE 1040, (42) PLATE 1041, (43) PLATE 1042, (44) PLATE 1043, (45) PLATE 1044, (46) PLATE 1045, (47) PLATE 1046, (48) PLATE 1047, (49) PLATE 1048, (50) PLATE 1049, (51) PLATE 1050, (52) PLATE 1051, (53) PLATE 1052, (54) PLATE 1053, (55) PLATE 1054, (56) PLATE 1055, (57) PLATE 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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.



11-3-0

$R=920$ $U=180$ $W=3.5$

Scale = .3125"/Ft.

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

Professional Engineer Seal for Arthur A. Fisher, State of Florida, No. 59687, dated August 08 '06.

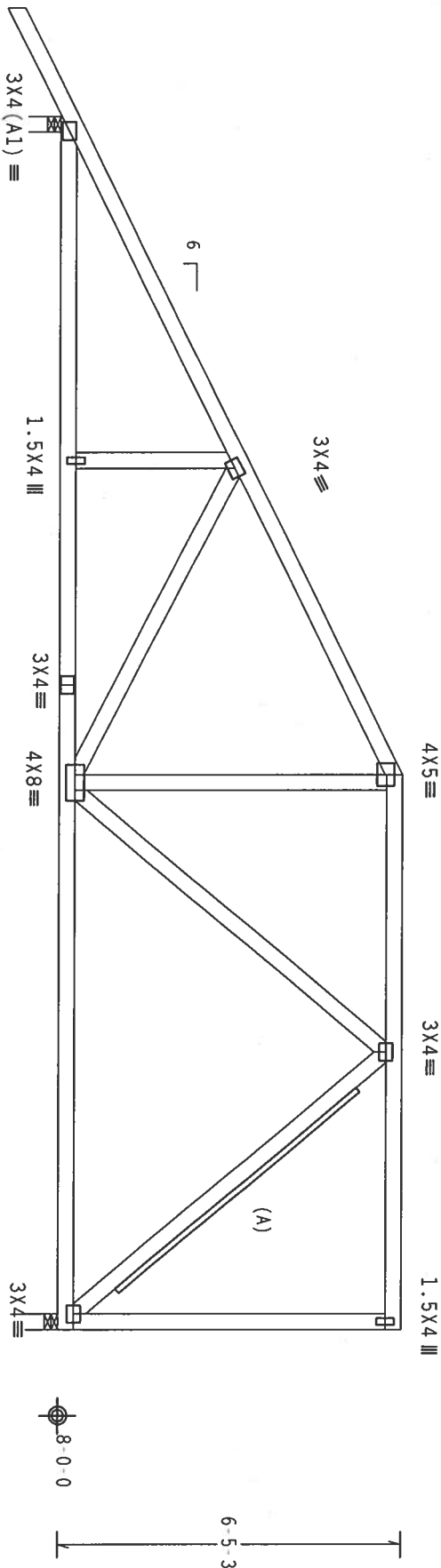
TC LL	20.0 PSF	REF	R487 - 94905
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCUSR487 06220151
BC LL	0.0 PSF	HC-ENG	JB/AF *
TOT.LD.	40.0 PSF	SEQN-	12286
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SZL487 Z04

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.



L=2'-0"-0" >=

12'-2'-0" 22'-6'-0" Over 2 Supports 10'-4'-0" R=1073 U=180 W=3.5" R=914 U=180 W=3.5"

PLT TYP. Wave

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

7.24.12

Scale = .3125"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO ACES 1-01 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 DOW RD., WILSON, NJ 07094) FOR TRUSS SAFETY INFORMATION. TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE FABRICATOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

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 AND BRACING OF TRUSSES.

DESIGN CONFORMS WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/N) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. ALPINE

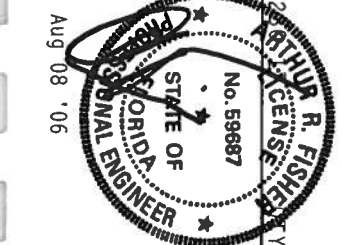
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A.2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

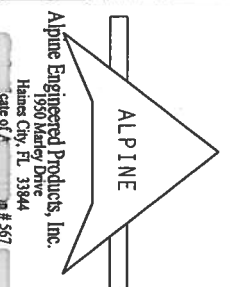
DESIGN SHOWN. THE SUITABILITY OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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"			

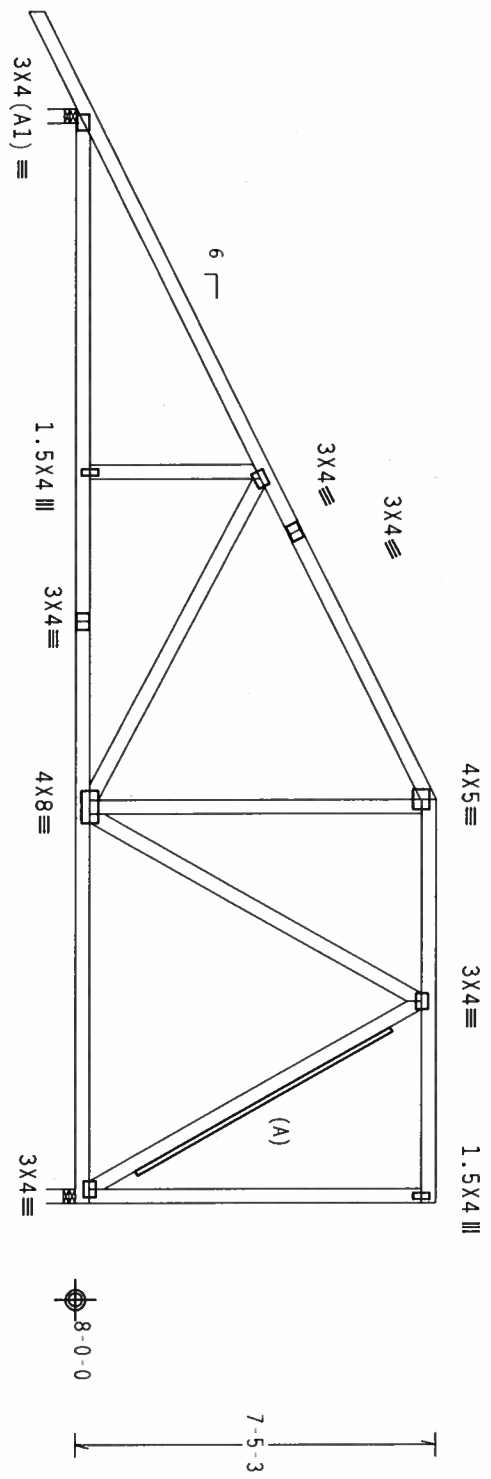
JREF-15ZL487 204



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.



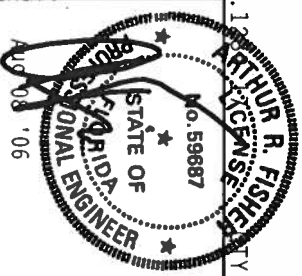
14'-2'-0"
8'-4'-0"
22'-6'-0" Over 2 Supports
R=1073 U=180 W=3.5"
R=914 U=180 W=3.5"

PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)
7.24.1
Scale = .25"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D. O'NEAL DR., SUITE 200, MADISON, WI 53719) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6200 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.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Phone # 567
Fax # 567

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 70/18/1664 (W/H/S/K) ASH A663 GRADE 40/60 (W. E/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIMENSIONS 1604.2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF 1/11/2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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	SEON-	12302
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SZL487 204

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

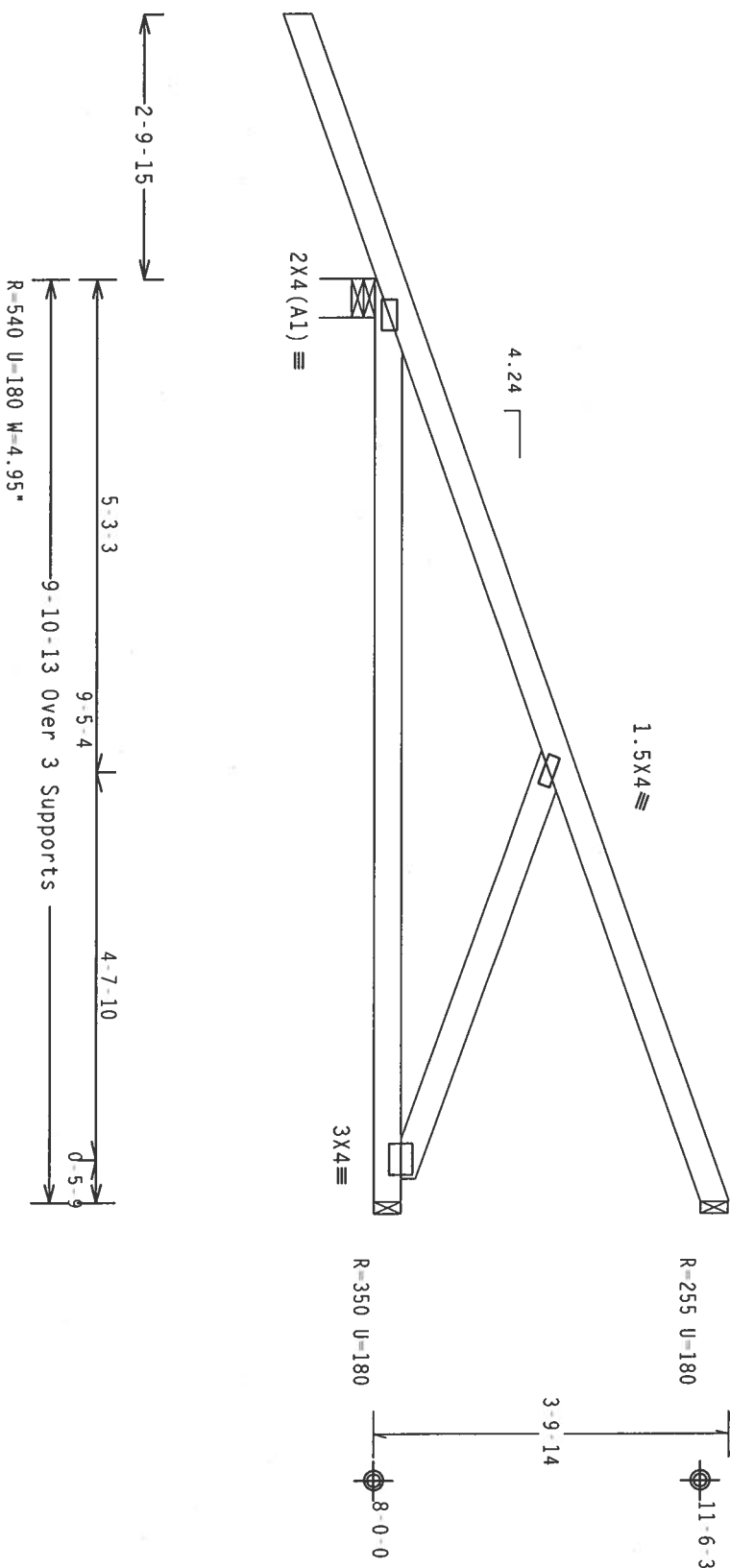
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.24.12

FL/-/6/-/R/-

Scale =.5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RIGID CEILING. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI-2002 (STD).

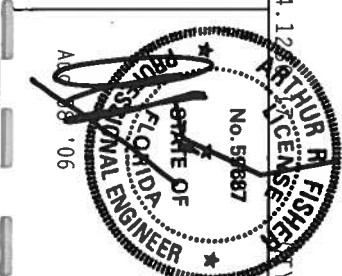
CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGNING INDICATES THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1 SEC. 2.

Alpine Engineered Products, Inc.

Haines City, FL 33844

State of Florida License No. 59887

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 (STD) OR FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI-2002 (STD).



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	SEON-	115330	
DUR.FAC.	1.25			
SPACING	SFF ABOVE			
JREF	15ZL487	Z04		

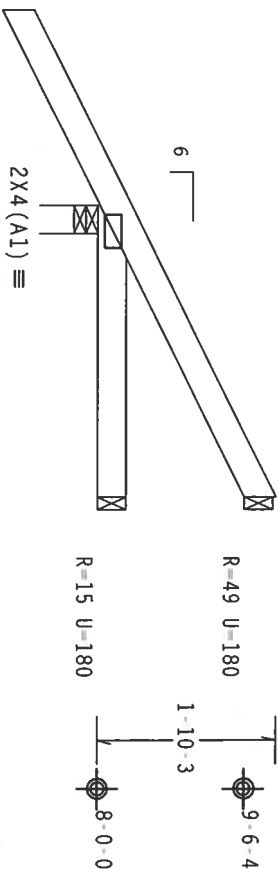
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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.



2-0-0

3-0-0 Over 3 Supports
R=317 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

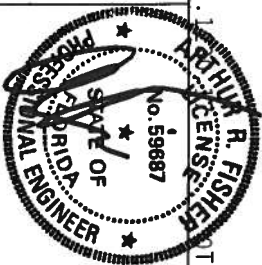
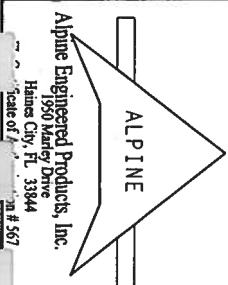
7.24.1

FL/-6/-/-R/-

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
IT IS THE RESPONSIBILITY OF THE DESIGNER TO PROVIDE ALL NECESSARY INFORMATION TO THE FABRICATOR, SHIPPER, INSTALLER AND BRACER.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
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 AND BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI-1. ALPINE
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES AS OF TPI-1-2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGNED AND SHOWN. THE SEALING AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER AMST/PI 1 SEC. 2.



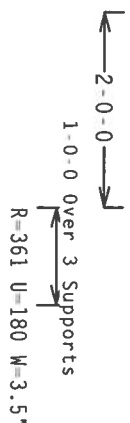
TC LL	20.0 PSF	REF R487-- 94911
TC DL	10.0 PSF	DATE 08/08/06
BC DL	10.0 PSF	DRW HCUSR487 06220020
BC LL	0.0 PSF	HC-ENG DAL/AF *
TOT.LD.	40.0 PSF	SEQN- 118819
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZL487_204

מקא. כטא וס שווימאסע, (מטמאמאט א כמטל) וטמו אבויטע וטמו טלמאטלעזע טעט נאוו

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.

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 Bottom chord.



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

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

7.24.1

FL/-/6/-/-/R/-

Scale = .5" / Ft.

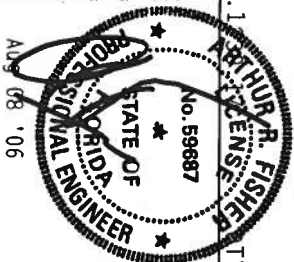
* * * * *

"MAINING" PROCESSES REMOVE EXISTING GASES IN FABRICATION, MANULING, SHIPPING, INSTALLING AND BRACING REFER TO GC51-10 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (IRON & PLATE INSTITUTE, 563 O'DONOHUE DR., SUITE 200, MADISON, WI 53718) AND NICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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 TIE-BED CEILING.

* * * * *

Alpine Engineered Products, Inc.

1930 Mahey Drive
Haines City, FL 33844
Scale of A-1 on #567



TC LL	20.0 PSF	REF	R487 - - 94912
TC DL	10.0 PSF	DATE	08/08/06
BC DL	10.0 PSF	DRW	HCSR487 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

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

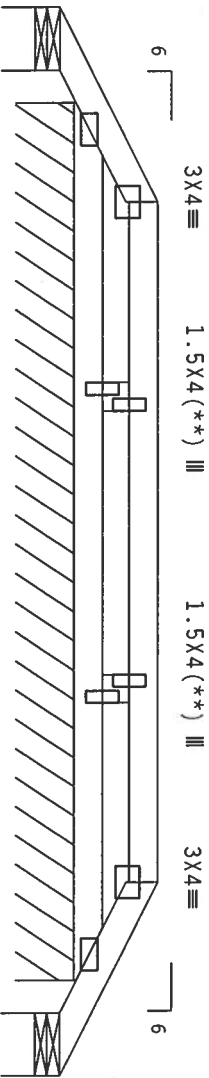
In lieu of structural panels or rigid ceiling use purlins to
brace TC @ 24" OC, BC @ 24" OC.

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.



0-10-4

11-0-0 Over 3 Supports
R=13 U=180 W=7.826"
R=73 PLF U=22 PLF W=9-0-6
R=13 U=180 W=7.826"

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.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BC31.1.02 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 963
D. ONOFRI DR., SUITE 200, MADISON, WI 53719) AND WCA (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 A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
REFER TO BC31.1.02 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 963
D. ONOFRI DR., SUITE 200, MADISON, WI 53719) AND WCA (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.

ALPINE

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

Scale of 1/8" = 1'-0" on #567



Aug 18 '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"	UREF-	15ZL487_204

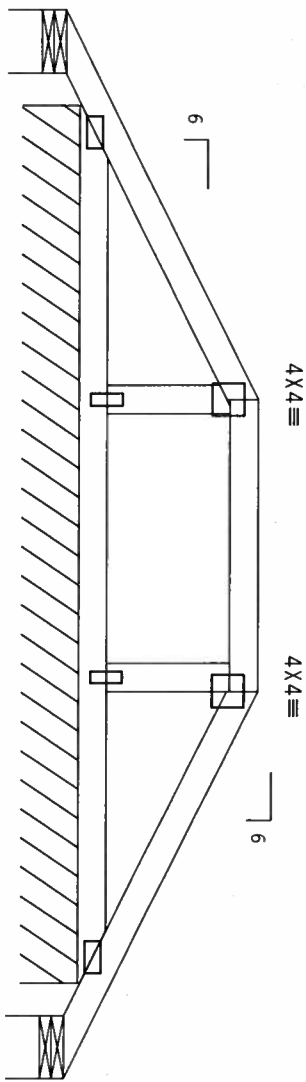
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.



17-10-35

1-10-4

11'-0" over 3 Supports
R=3 U=180 W=7.826"
R=77 PLF U=24 PLF W=9-0-6
R=3 U=180 W=7.826"

PLT TYP. Wave

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

7.24.1

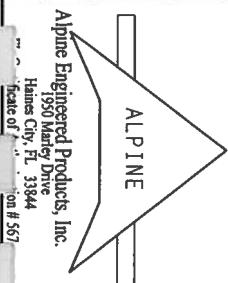
ARTHUR R. FISHER

FL/-/6/-/R/-

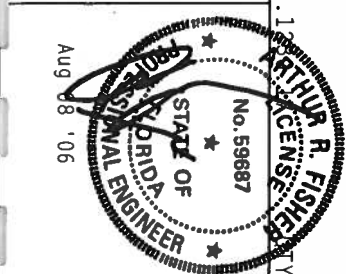
Scale = .5"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BC&I, SUITE 200, MADISON, WI 53719, AND WICKI HODD TRUSS COMPANY, 1000 N. WISCONSIN AVE., SUITE 200, MILWAUKEE, WI 53219, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 CONNECTION PLATES ARE MADE OF 20/18/16GA (W/H/S/X) 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. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK AS OF TPI1 2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
Haines City, FL 33844
Phone # 567



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-	15ZL487_204	

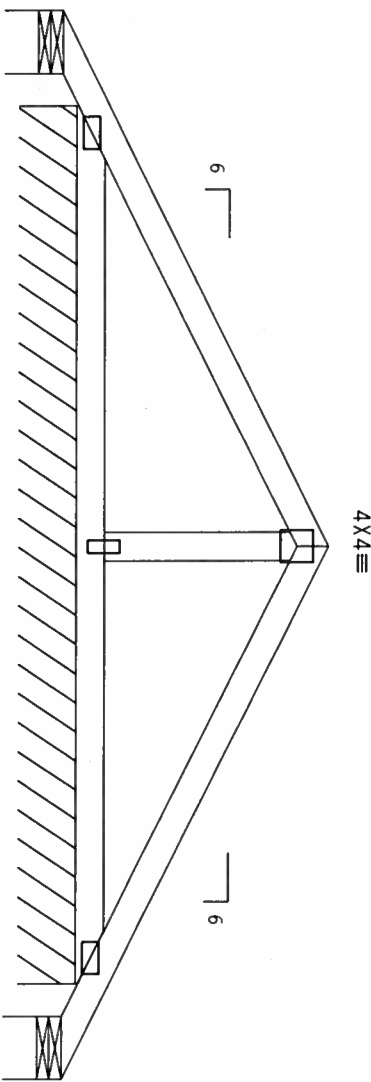
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 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.



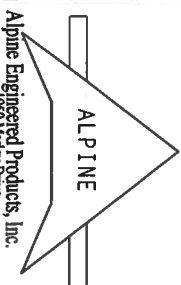
2x4 (A1) ≡ 1.5X4 III 2x4 (A1) ≡
4-6-3 4-6-3 4-6-3 11-0-0 Over 3 Supports
R=49 U=180 W=7.826"
R=87 PLF U=29 PLF W=9-0-6
R=49 U=180 W=7.826"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10.0

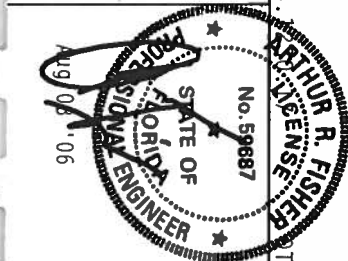
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BC31.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583
D'ONOFIO DR., SUITE 200, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES,
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AREA) 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.
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES AS OF TPI-2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES COMPLIANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT
DESIGN. SHOW THE NAME OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/771.1 SEC. 2.



Alpine Engineered Products, Inc.
1990 Marley Drive
Haines City, FL 33844

Scale of 1" = 10'-0" on #567



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	SEON- 119012
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1S2L487 204

Scale = .5"/ft.

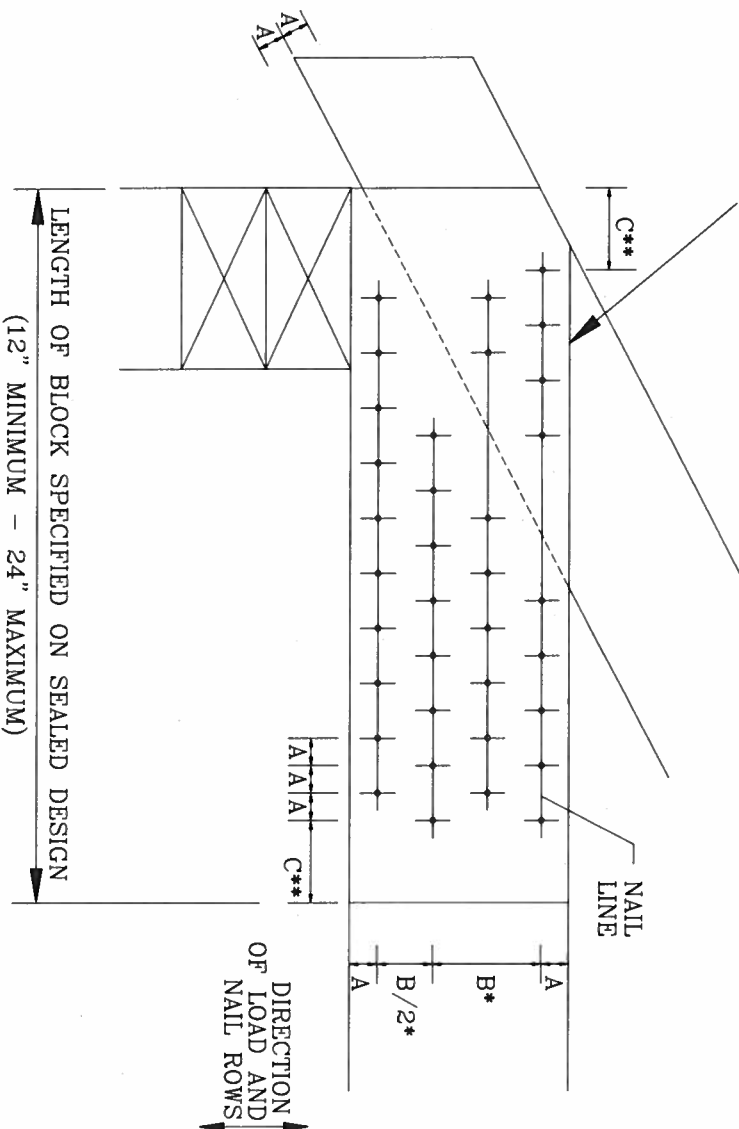
MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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.

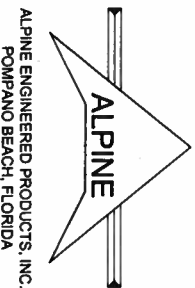


NAIL TYPE	CHORD SIZE							
	2X4	2X6	2X8	2X10	2X12	3X6	3X8	3X10
8d BOX (0.113"x2.5")	3	6	9	12	15	18	21	24
10d BOX (0.128"x3")	3	5	7	10	12	15	18	21
12d BOX (0.128"x3.25")	3	5	7	10	12	15	18	21
16d BOX (0.135"x3.5")	3	5	7	10	12	15	18	21
20d BOX (0.148"x4")	2	4	5	6	8	10	12	15
8d COMMON (0.131"x2.5")	3	5	7	10	12	15	18	21
10d COMMON (0.148"x3")	2	4	6	8	10	12	15	18
12d COMMON (0.148"x3.25")	2	4	6	8	10	12	15	18
16d COMMON (0.162"x3.5")	2	4	6	8	10	12	15	18
0.120"x2.5" GUN	3	6	8	11	14	17	20	23
0.131"x2.5" GUN	3	5	7	10	12	15	18	21
0.120"x3.0" GUN	3	6	8	11	14	17	20	23
0.131"x3.0" GUN	3	5	7	10	12	15	18	21

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"

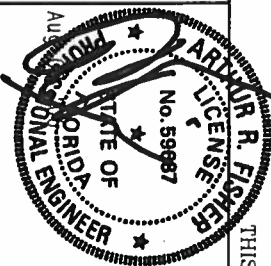
THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

■■WASINING■■ TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
 ■■PLATE INSTITUTE REFER TO BECI-1-03 "BUILDING COMPANION SAFETY INFORMATION", PUBLISHED BY TPI (TRUSS
 ■■OF AMERICA, 6200 ENTERPRISE LN, MADISON, WI 53719) AND VITA (WOOD TRUSS COUNCIL
 ■■OF AMERICA, 6200 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING
 ■■STRUCTURAL PANELS AND BUILT-UP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

■■PERMANENT■■ FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED
 ■■PRODUCTS■■ SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO
 ■■BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING &
 ■■BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC.
 ■■BY AISC AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1664 AND 2018/515X/515X 6653 GRADE
 ■■AND 2018/515X/515X 6653 GRADE. CONNECTOR PLATES TO EACH TRUSS AND UNLESS OTHERWISE LOCATED
 ■■BY THE DESIGNER SHALL BE 1/2" THICK. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER
 ■■PERFORMANCE AS OF TPI 1-2008 SEC. 3.3. 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



REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGELK1103
-ENG	SJP/KAR

PIGGYBACK DETAIL

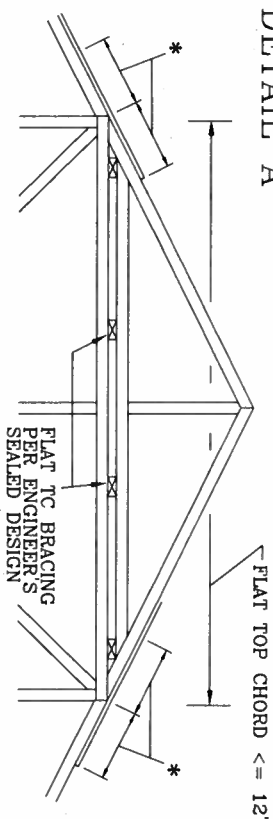
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, CLOSED BLDG.
 LOCATED ANYWHERE IN ROOF, CAT II, EXP C,
 WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

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 ADEQUATELY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS.

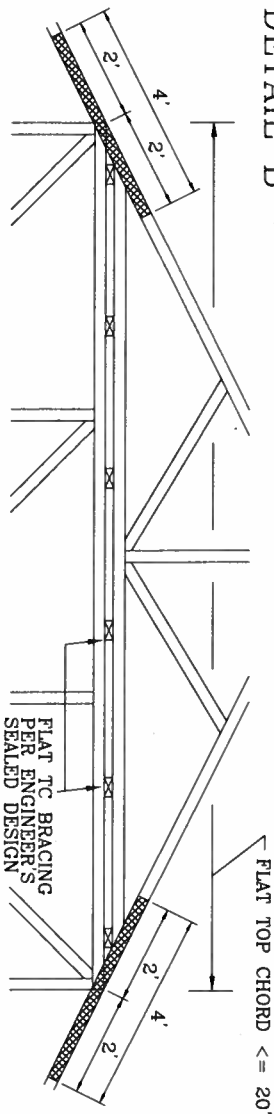
DETAIL A



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

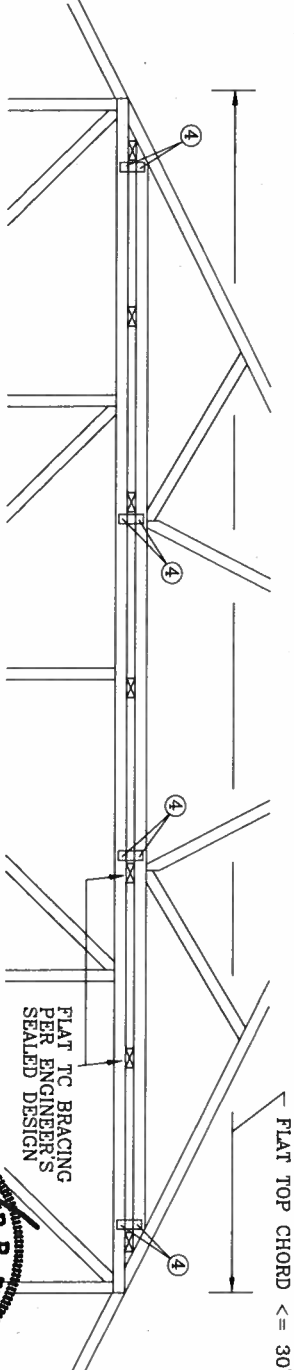
* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.

DETAIL B



PIGGYBACK CAP TRUSS TOENAILLED 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



IN LIEU OF TRUSS 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 TRUSS PLATES. ATTACH WITH (8) 8d COMMON NAILS PER GUSSET. (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

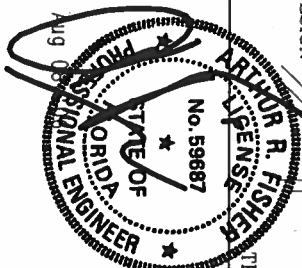
THIS DRAWING REPLACES DRAWINGS 581.670 & 961.860

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
 POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 593 DOWNSIDE DR., SUITE 200, MADISON, WI 53719, AND WCA CYCLOD 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 CONNECTORS WITH APPLICABLE PROVISIONS OF WCA QUALITY DESIGN SPEC, 40/60 (C/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY THIS DESIGN, POSITION PER DRAWINGS 160A-12. ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PER DESIGN. DESIGNER'S SIGNATURE AND SEAL INDICATES ACCEPTANCE OF THE DESIGN. THE PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE DESIGNER IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TP1 1 SEC. 2.



TC LL	PSF	REF	PIGGYBACK
TC DL	PSF	DATE	04/14/05
BC DL	PSF	DRWG	PIGGYBACK0405
BC LL	PSF	-ENG	DLJ/KAR
TOT. LD.	MAX 60 PSF		
DUR. FAC.	1.15		
SPACING	24.0"		

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

PIGGYBACK DETAIL

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, SFC

ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF

WIND TC DL=5 PSF, WIND BC DL=5 PSF

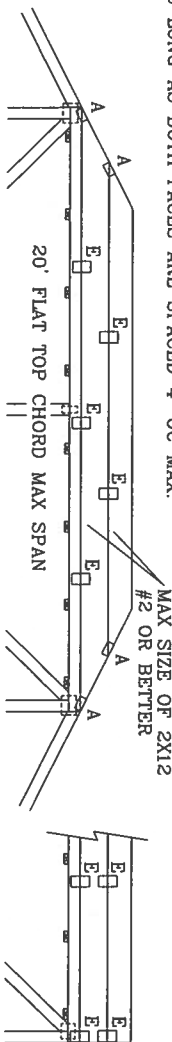
FRONT FACE (E.*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

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

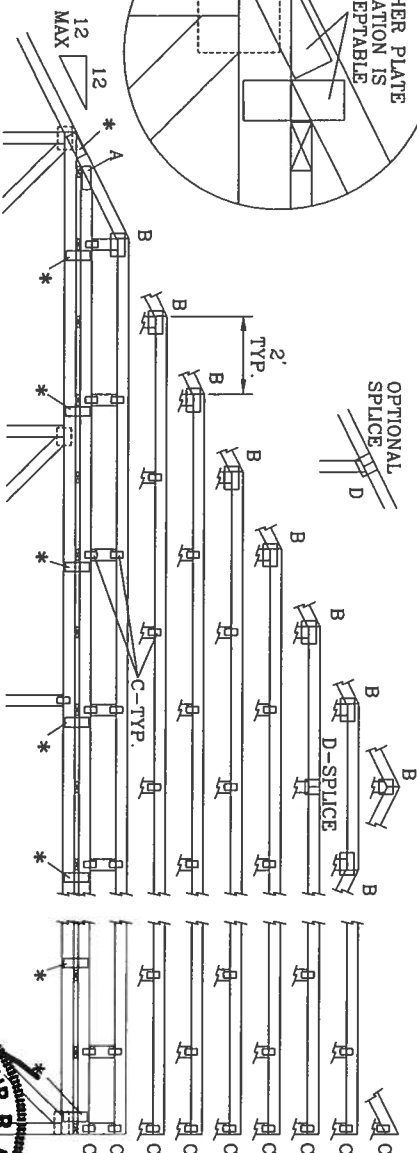
(4) 6d BOX (0.099" X 2" MIN) NAILS.
8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099" X 2" MIN) NAILS PER GUSSET.
(4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

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			



EITHER PLATE LOCATION IS ACCEPTABLE

OPTIONAL SPLICE



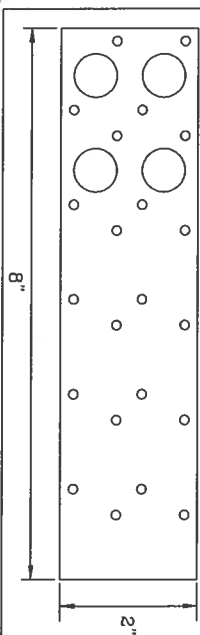
*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DUNDON DR., SUITE 200, MADISON, WI 53719, AND VITA (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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WEB LENGTH	WEB BRACING CHART
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

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

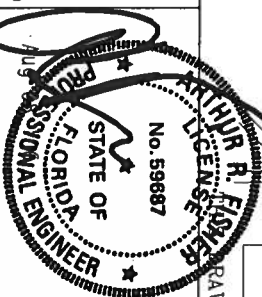
DATE 04/14/05

DRWG PIGBACKB0405

-ENG DLJ/KAR

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA



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

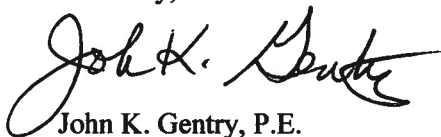
Dear Mr. Haltiwanger,

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

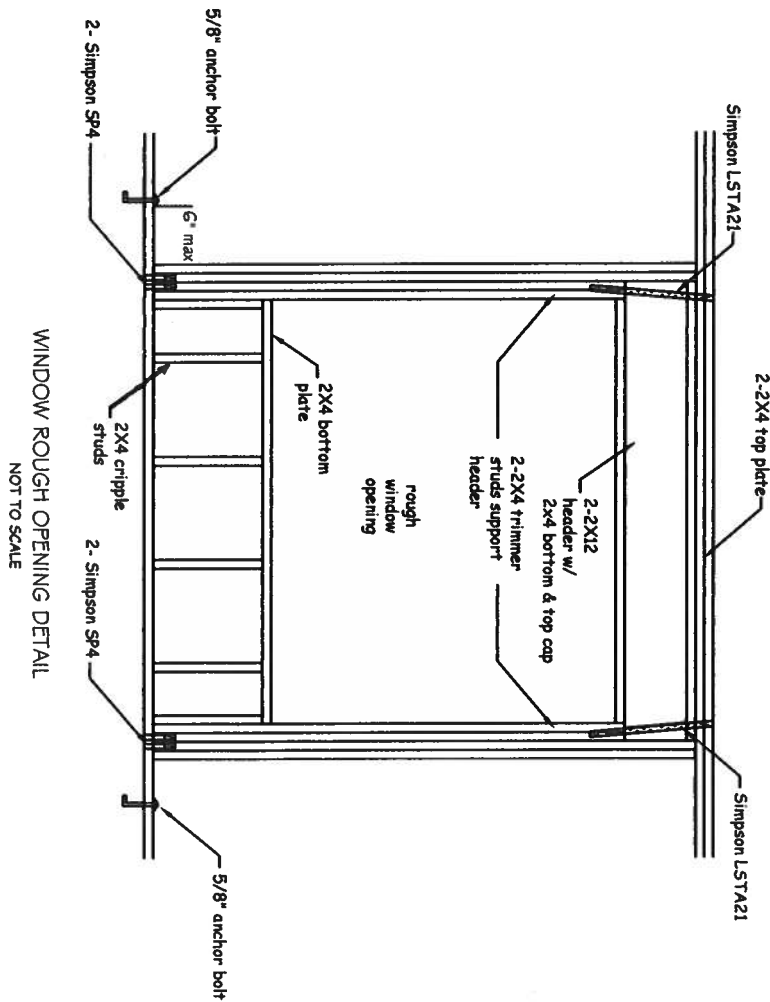
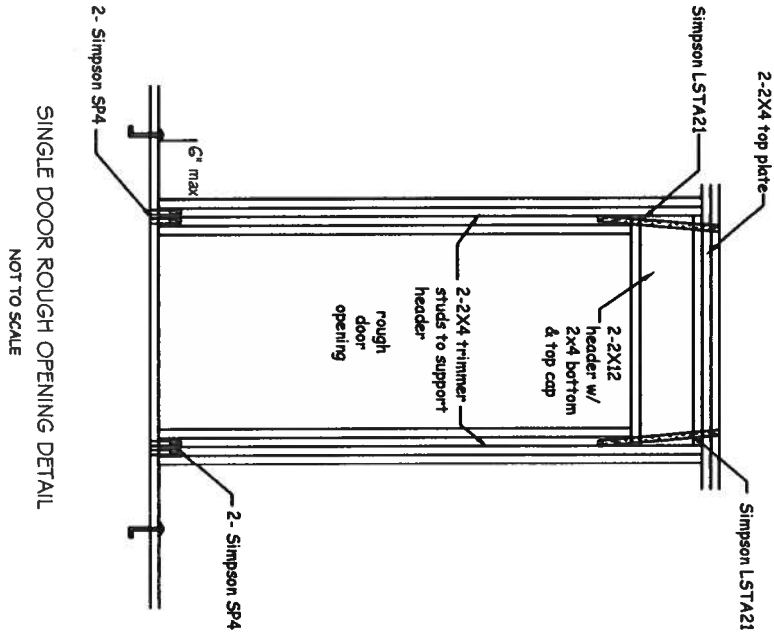
If you have any questions or require further information please contact me at 850/584-4408.

Sincerely,

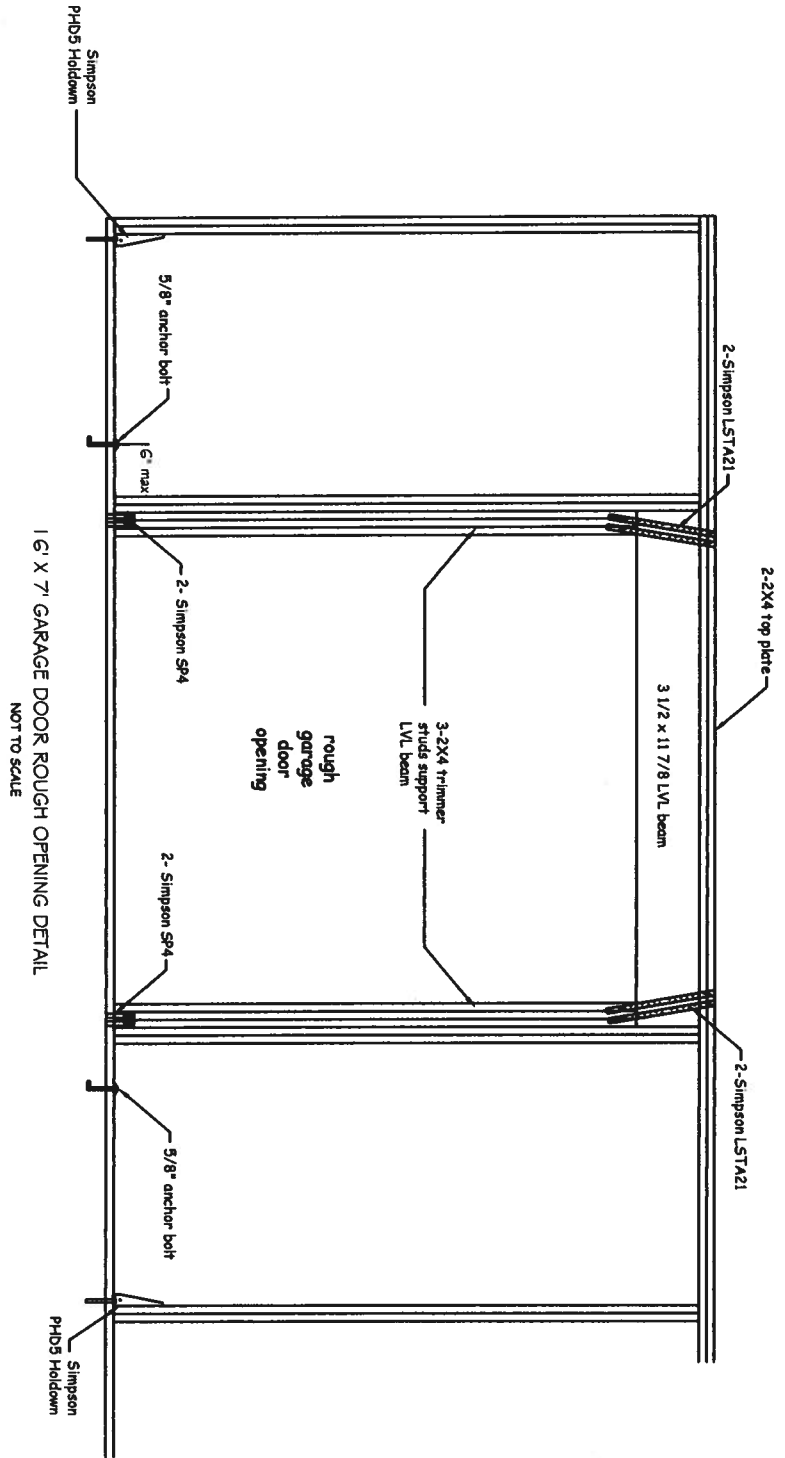


John K. Gentry, P.E.

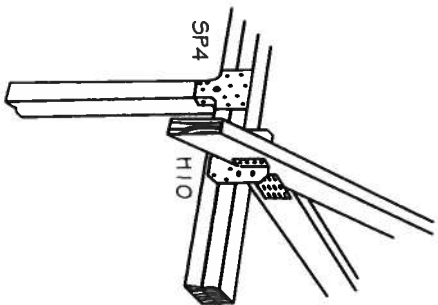
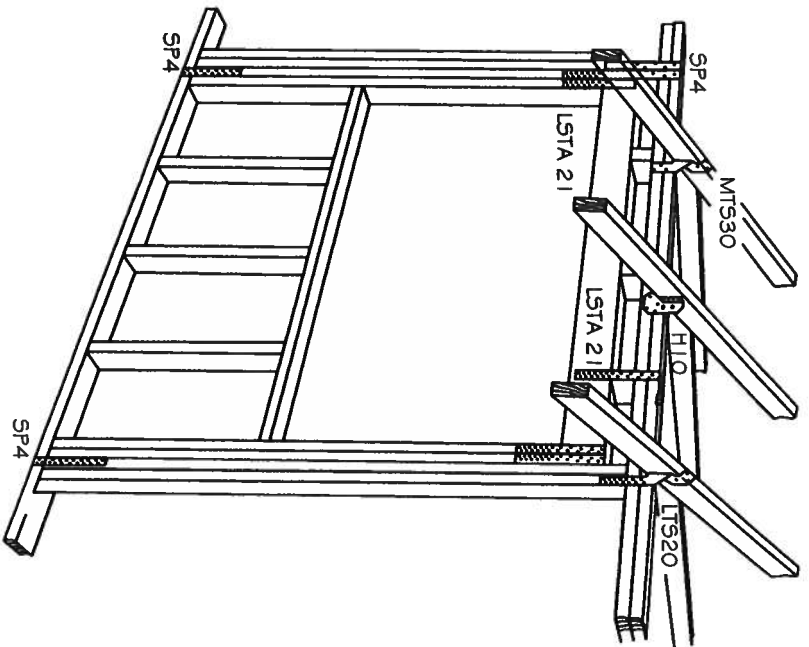
Cc: Plumb Level Construction
Jodi Cooper



Handwritten signature: J. H. Smith

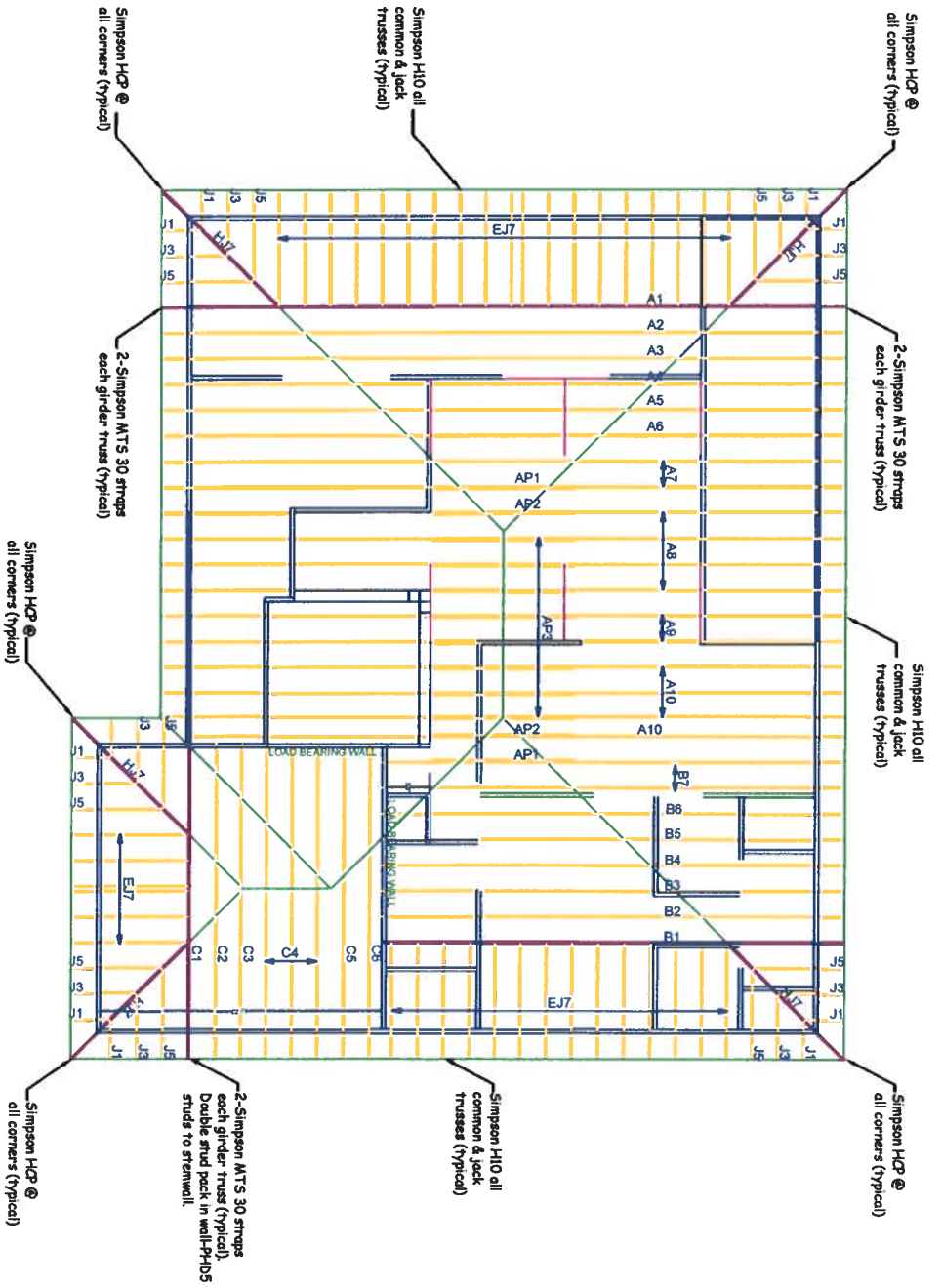


Handwritten signature: J. Smith
Handwritten date: 10-06-06



TYPICAL FRAME DETAILS
NOT TO SCALE

Handwritten signature and date:
 10/10/2020
 J. K. Smith



GAGLIANO ENGINEERED TRUSS PLAN
NOT TO SCALE

John K. Gagliano
 06/16/2019
 16

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

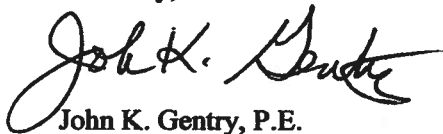
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1. Sealed details are attached showing construction requirements for the window/door openings and for the opening to the garage.
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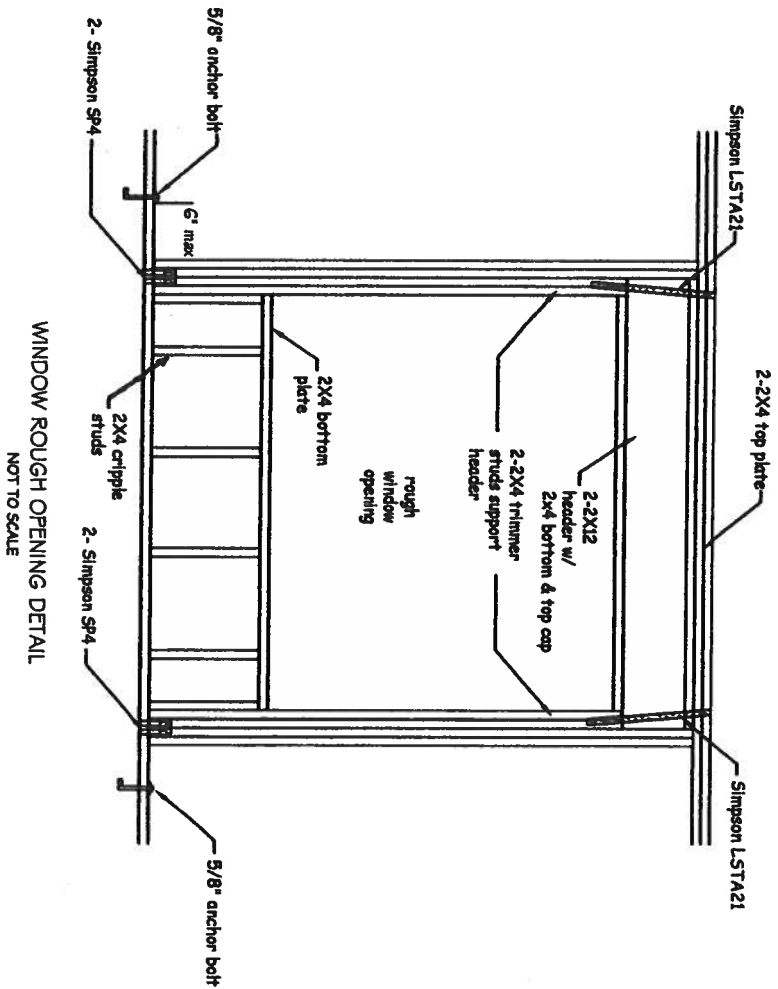
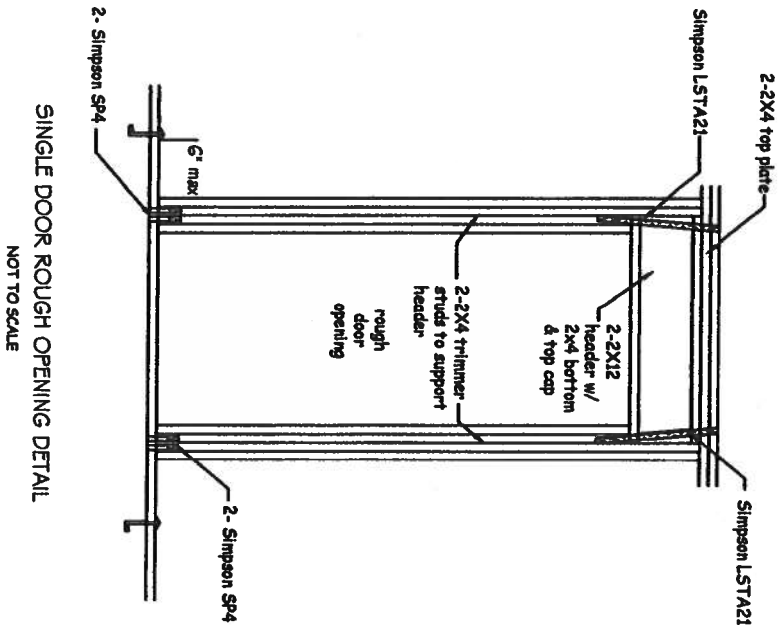
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Sincerely,

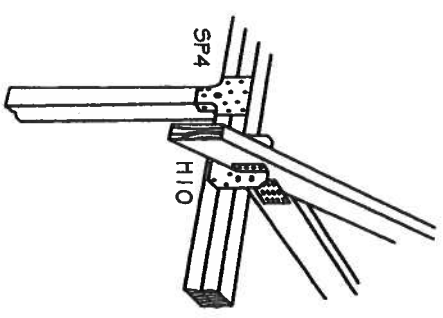
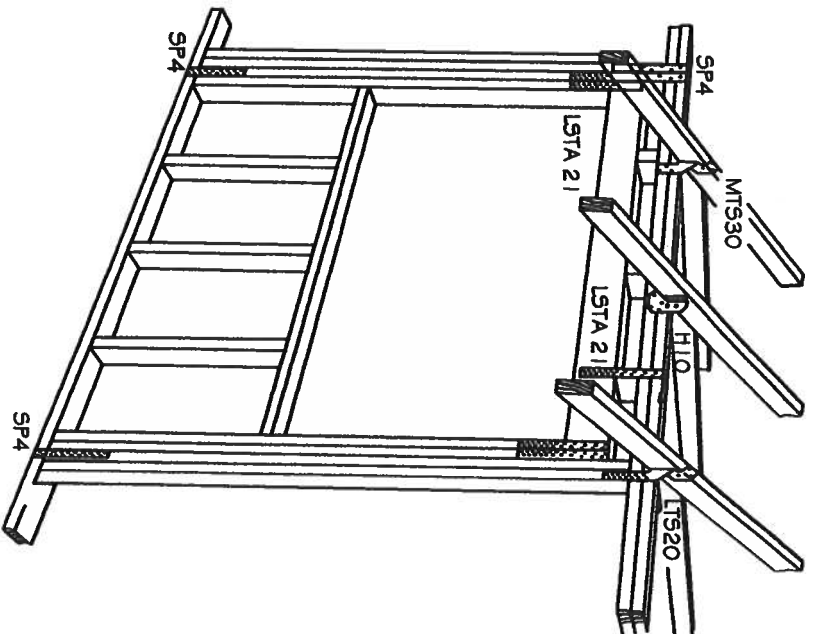


John K. Gentry, P.E.

Cc: Plumb Level Construction
Jodi Cooper



Handwritten signature and date:
 J. K. [Signature]
 10/1/00



TYPICAL FRAME DETAILS
NOT TO SCALE

Handwritten signature and circular stamp.

The circular stamp contains the following text:

- Seal of the State of Texas** (around the perimeter)
- Department of Transportation** (around the perimeter)
- Office of the State Engineer** (around the perimeter)
- State Engineer** (in the center)



NOT TO SCALE

John L. Smith
1966

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

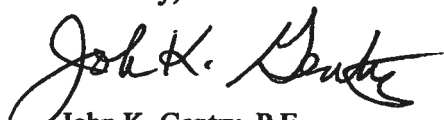
Dear Mr. Haltiwanger,

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

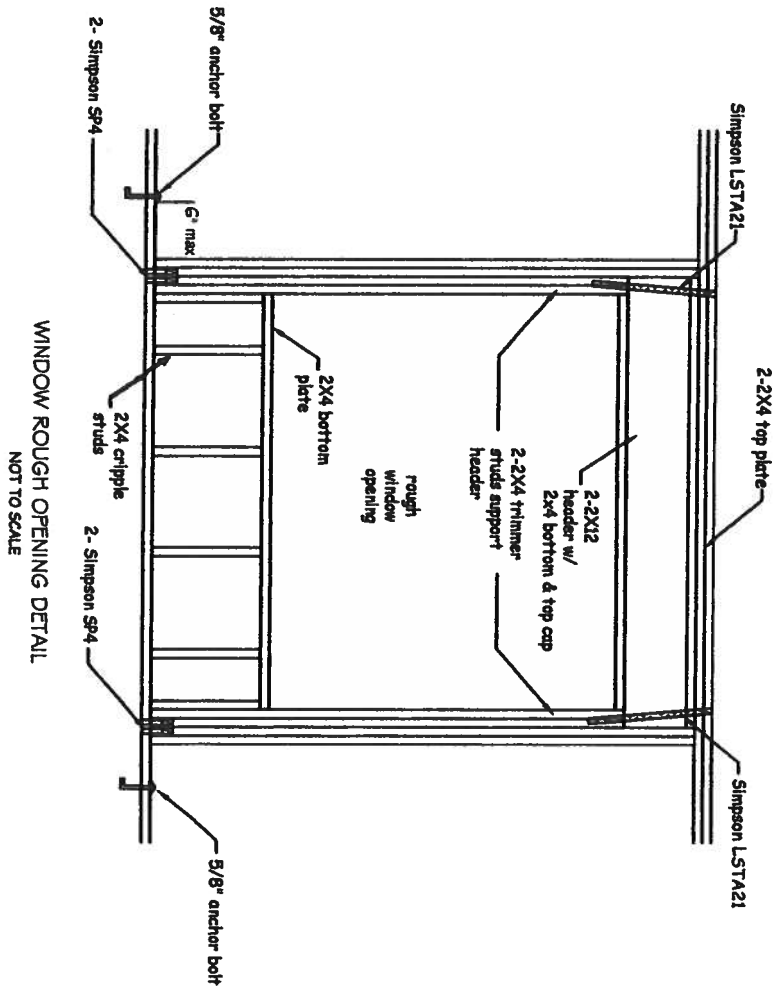
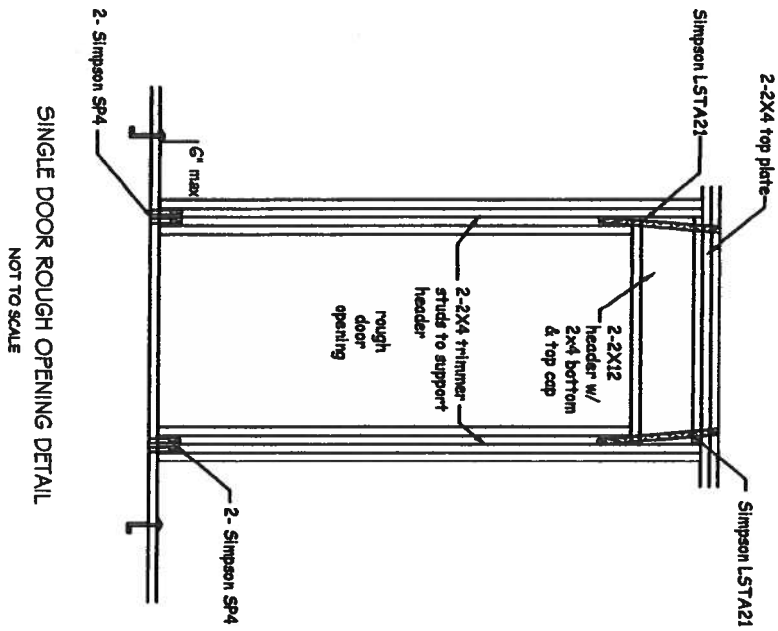
If you have any questions or require further information please contact me at 850/584-4408.

Sincerely,

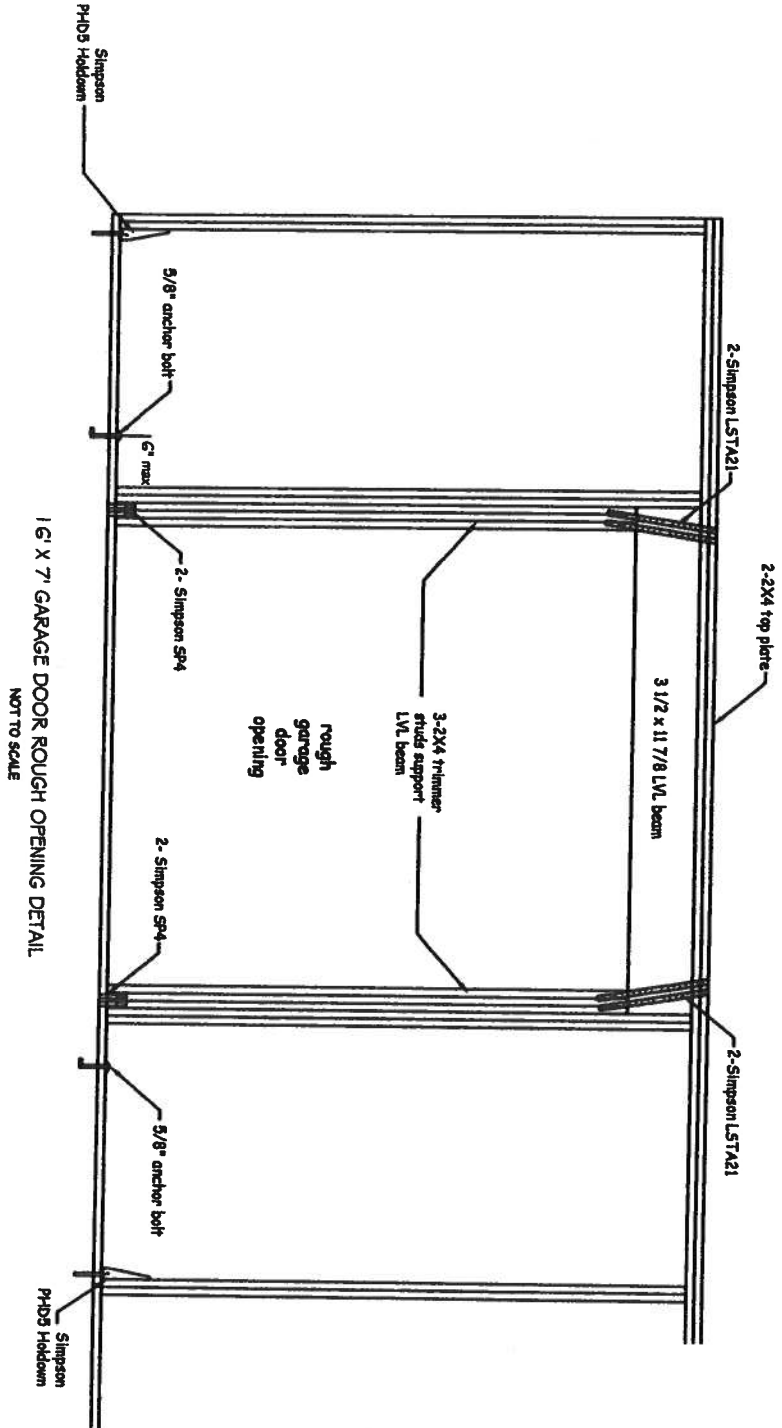


John K. Gentry, P.E.

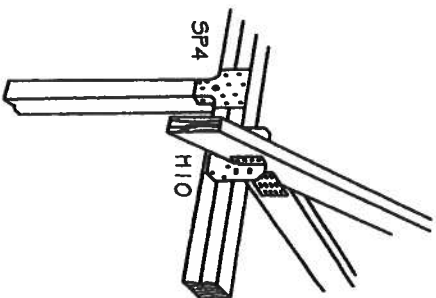
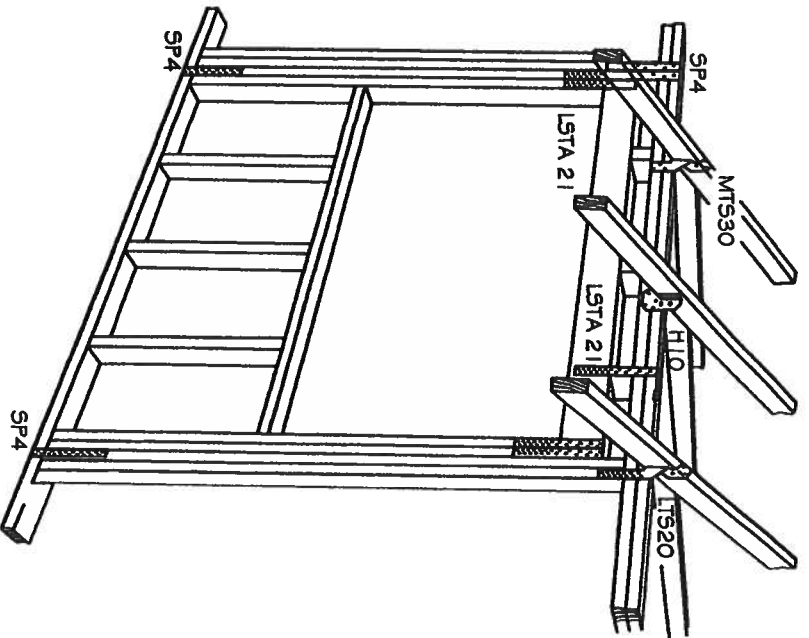
Cc: Plumb Level Construction
Jodi Cooper



Handwritten signature and date:
 J. K. [Signature]
 10/1/00

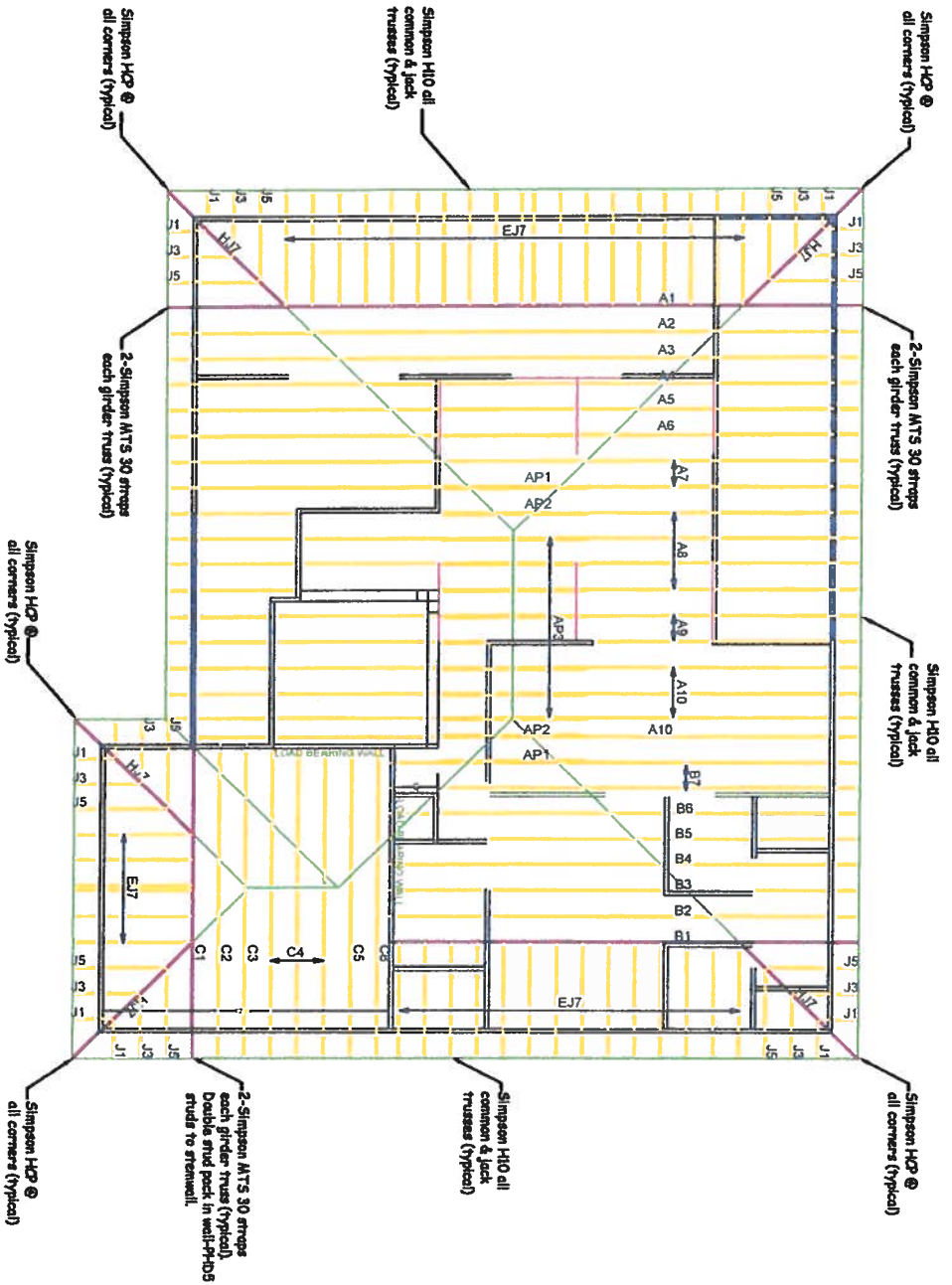


Handwritten signature and date:
 10-1-06
 [Signature]



TYPICAL FRAME DETAILS
NOT TO SCALE

John Doe
4-27-00



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.

1 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. JB102476 Company Phone No. 352-735-9011
FHA/VA Case No. (if any) _____

Section 2: Builder Information

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

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Charles & Drucilla Gagliano
Russwood Estates
Lot #5
1031 SW Troy St.
Lake City, FL 32024
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other Sand
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 Cypermethrin
EPA Registration No. 79676-1
Approximate Final Mix Solution % 0.25%
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) JB104376

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)

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

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 Dickel

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)