DATE 02/15/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025535

APPLICANT LEO GIELAS PHONE 386.752.8574

ADDRESS 346 SW GREEN ACRES WAY LAKE CITY FL 32024

OWNER LEO & MARY ANN GIELAS PHONE 386.752.8574

ADDRESS 346 SW GREEN ACRES WAY LAKE CITY FL 32024

CONTRACTOR LEO J.GIELAS PHONE 386.752.8574

LOCATION OF PROPERTY 90-W TO CYPRESS LAKE S.D. TO SWEETBREEZE,TL TO SOUTH END OF PLAN TO GREENACRE,TR 1ST. PLACE ON L.

TYPE DEVELOPMENT ADD/SFD ESTIMATED COST OF CONSTRUCTION 40400.00

HEATED FLOOR AREA 808.00 TOTAL AREA 936.00 HEIGHT 35.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 12'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

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

NO. EX.D.U. 1 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 33-3S-16-02434-312 SUBDIVISION CYPRESS LAKE

LOT 12 BLOCK PHASE 4 UNIT TOTAL ACRES 1.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			I Leo J Gielas Jr.

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	07-00122N	BLK	JTH	N

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash 1107

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 $ 205.00 CERTIFICATION FEE $ 4.68 SURCHARGE FEE $ 4.68

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** 289.36

INSPECTORS OFFICE _____ CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

- CK# 1107.

Columbia County Building Permit Application

For Office Use Only Application # 0702-21 Date Received 2/9/07 By GT Permit # 25535

Application Approved by - Zoning Official BLK Date 2.13.07 Plans Examiner OK JH Date 2-12-07

Flood Zone X (Survey) Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den

Comments 07-00122-N

☐ NOC ☒ EH ☑ Deed or PA ☐ Site Plan existing well ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

- USED -

Name Authorized Person Signing Permit LEO GIELAS Phone 386-752-8574 Fax

Address

Owners Name LEO J. & MARY ANN GIELAS Phone 386-752-8574

911 Address 346 SW GREEN ACRES WAY, LAKE CITY 32024

Contractors Name OWNER/BUILDER Phone

Address

Fee Simple Owner Name & Address LEO J. GIELAS JR./MARY ANN GIELAS

Bonding Co. Name & Address

Architect/Engineer Name & Address

Mortgage Lenders Name & Address

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

Property ID Number 33-3S-16-02434-312 Estimated Cost of Construction $20,000.00

Subdivision Name CYPRESS LAKE Lot 12 Block Unit Phase

Driving Directions US 90 W. TO CYPRESS LAKE SUBDIVISION TURN LEFT ON SWEETBREEZE DR, FOLLOW TO SOUTH END OF PLAN, TURN RT. TO GREEN ACRES - "346" 1st on left

Type of Construction ADDITION TO SFD Number of Existing Dwellings on Property 2

Total Acreage 1 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 50'✓ Side 51'S✓ Side 70'N Rear 128'+N

Total Building Height 35' Number of Stories 1 Heated Floor Area TOTAL 808 936 Roof Pitch 12/12

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

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

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

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY PUBLIC-STATE OF FLORIDA
Michael J. Carr
Commission # DD519389
Expires: FEB. 19, 2010
Bonded Thru Atlantic Bonding Co., Inc.

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 8 day of Feb. 20 07.

Personally known ____ or Produced Identification ✓

Notary Signature

(Revised Sept. 2006)

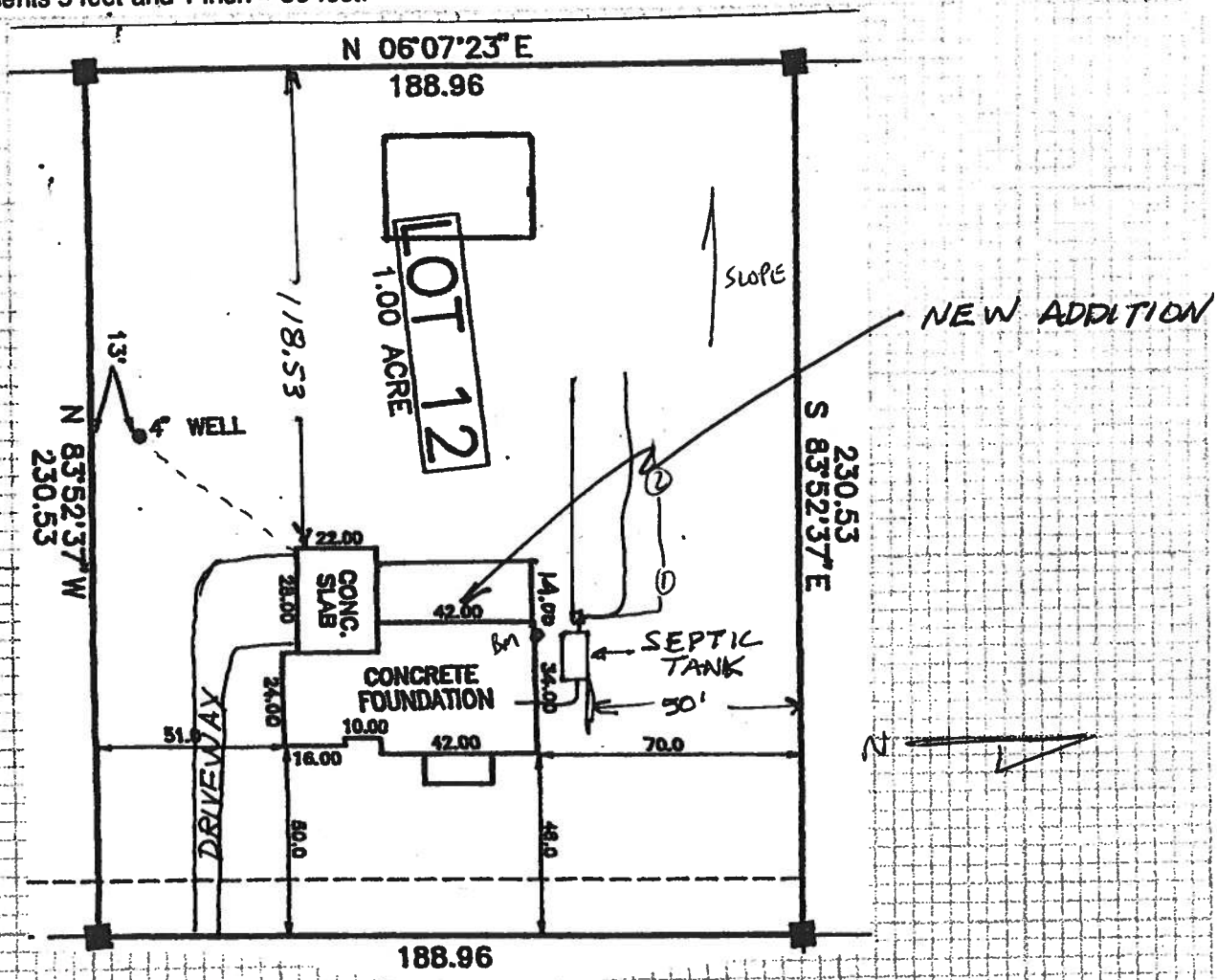
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0012ZN

PART II - SITE PLAN

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



FLOOD NOTE
ACCORDING TO THE OFFICIAL FLOOD HAZARD MAPS OF COLUMBIA COUNTY (FIRM), THE LOT SHOWN DOES NOT LIE WITHIN A FLOOD ZONE "A" AREA. IT IS WITHIN FLOOD ZONE "X", WHICH HAS BEEN DETERMINED TO BE OUTSIDE OF THE 500 YEAR FLOOD PLANE (REF:

ELEVATION ABOVE SEA LEVEL

83.2 83.3 83.9 84.2 85 85.5 86 82.

Notes: SITE 1 = ELEV. PT.

Site Plan submitted by: [signature] 2-9-07
Signature Title Date

Plan Approved / Not Approved APPROVED Columbia CHD

By [signature] County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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LOT 12 CYPRESS LAKE PHASE 4.      GIELAS LEO JR & MARY ANN       33-3S-16-02434-312              Columbia County  2007 R
                                  346 SW GREEN ACRES WAY                                                CARD 001 of 001
                                  LAKE CITY, FL 32024-9262                    PRINTED 12/28/2006 10:56          BY  JEFF
                                                                              APPR     8/31/2004 HC
```

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BUSE 000100 SINGLE FAM       AE? Y       2077 HTD AREA    131.214 INDEX    33316.02 CYPRS LAKE        PUSE  000100 SINGLE FAMILY
MOD   1 SFR          BATH      2.00       3024 EFF AREA     65.607 E-RATE    100.000 INDX   STR  33- 3S-16E
EXW  19 COMMON BRK   FIXT                198396 RCN                        1995 AYB    MKT AREA 06              176,572 BLDG
 30% 10 ABOVE AVG.   BDRM         3       89.00 %GOOD     176,572 B BLDG VAL     1995 EYB    (PUD1                      6,529 XFOB
RSTR 08 IRREGULAR    RMS                 ----------------------------------------------    AC                        42,500 LAND
RCVR 03 COMP SHNGL   UNTS                #FIELD CK:                          HX AppYr 1996  #    NTCD                          0 AG
   %    N/A          C-W%                #LOC:  346 GREEN ACRES WAY SW                      #    APPR CD                       0 MKAG
INTW 05 DRYWALL      HGHT                #                                                  #    CNDO                    225,601 JUST
   %    N/A          PMTR                #               +-------37-----+                   #    SUBD                          0 CLAS
FLOR 14 CARPET       STYS        1.0     #               IUDU1993       I                   #    BLK
 10% 15 HARDTILE     ECON                #               2              2                   #    LOT                           0 SOHD
HTTP 04 AIR DUCTED   FUNC                #               5              5                   #    MAP#                          0 ASSD
A/C  03 CENTRAL      SPCD                #               I              I                   #    HX                            0 EXPT
QUAL 04 ABOVE AVG.   DEPR 52             #               +-------37-----+                   #    TXDT    002                   0 COTXBL
FNDN    N/A          N/A                 #                                                  #
SIZE 03 RECTANGLE    N/A                 #   +-----23--+                                    # -------------- BLDG TRAVERSE -------------
CEIL    N/A          N/A                 #   IFGR1995 I                                     # BAS1995=W13 UOP1995=N12 W29   S12 E29$FOP1
ARCH    N/A          N/A                 #   2        +-----29----+                         # 995=W29 S8 E29N8$ S8 W29 N8 FGR1995=N20 W2
FRME 01 NONE         N/A                 #   0        IUOP1995    I                         # 3 S20 E23$ W23 S8 W4 S25 E17 N2 E10 S4 E11
KTCH    N/A          N/A                 #   +-----23--+-----29----+--13+                  #  FOP1995=S8 E19 N8 W19$ E31 N35$ PTR1993=N
WNDO    N/A          N/A                 #   I         IFOP1995    I    I                  # 30 UDU1993= N25 W37 S25 E37$ S30$.
CLAS    N/A          N/A                 # +-+         +-----29----+    I                  #
OCC     N/A          N/A                 # IBAS1995                     3                  #
COND    N/A            %                 # 2                            5                  #----------------- PERMITS -----------------
SUB   A-AREA  %  E-AREA   SUB VALUE      # 5                            I                  #  NUMBER     DESC          AMT    ISSUED
BAS95   2077 100   2077      121276      # I       +-10+                I                  #
UOP95    348  20     70        4088      # +---17-+    +--11+---19-+----+                  #
FOP95    384  30    115        6715      #                   IFOP1995                      #
FGR95    460  55    253       14772      #                   +---19-+                      #---------- SALE ----------
UDU93    925  55    509       29721      #                                                 # BOOK   PAGE     DATE              PRICE
                                         #                                                 #    795    571  9/02/1994 Q V        18500
                                         #                                                 # GRANTOR CYPRESS LAKE LAND TRUST
                                         #                                                 # GRANTEE LEO GIELAS JR & MARY ANN GIELAS
                                         #                                                 #
                                         #                                                 # GRANTOR
TOTAL   4194        3024      176572     ----------------------------------------------    GRANTEE
```

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-------EXTRA FEATURES---------------------------------- FIELD CK:
AE BN  CODE      DESC       LEN   WID HGHT QTY QL   YR  ADJ        UNITS UT      PRICE   ADJ UT PR   SPCD %    %GOOD  XFOB VALUE
Y   1 0190    FPLC PF                      1    1995 1.00        1.000 UT     1600.000    1600.000          100.00       1,600
Y     0166    CONC,PAVMT                   1    1995 1.00     3286.000 UT        1.500       1.500          100.00       4,929
```

```
    LAND   DESC       ZONE  ROAD {UD1 {UD3 FRONT DEPTH  FIELD CK:
AE  CODE              TOPO  UTIL {UD2 {UD4  BACK   DT     ADJUSTMENTS          UNITS UT      PRICE   ADJ UT PR    LAND VALUE
Y 000100 SFR        RSF-1  0003                        1.00 1.00 1.00 1.00      1.000  LT   42500.000    42500.00       42,500
                      0002 0003
L001 - 1.00 AC                                  SALE - LOT 12
 2007
```

Columbia County Property Appraiser

DB Last Updated: 2/5/2007

2007 Proposed Values

Parcel: 33-3S-16-02434-312 HX

Tax Record | Property Card | Interactive GIS Map | Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	GIELAS LEO JR & MARY ANN		
Site Address	GREEN ACRES		
Mailing Address	346 SW GREEN ACRES WAY LAKE CITY, FL 320249262		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	33316.02	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	0.000 ACRES		
Description	LOT 12 CYPRESS LAKE PHASE 4.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$42,500.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$176,572.00
XFOB Value	cnt: (2)	$6,529.00
Total Appraised Value		$225,601.00

Just Value		$225,601.00
Class Value		$0.00
Assessed Value		$133,652.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$108,652.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
9/2/1994	795/571	WD	V	Q		$18,500.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1995	Common BRK (19)	2077	4194	$176,572.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	1995	$4,929.00	3286.000	0 x 0 x 0	(.00)
0190	FPLC PF	1995	$1,600.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 LT - (.000AC)	1.00/1.00/1.00/1.00	$42,500.00	$42,500.00

Columbia County Property Appraiser DB Last Updated: 2/5/2007

1 of 1

NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

( ) Single Family Dwelling **( ) Two-Family Residence**

( ) Farm Outbuilding **( ) Other_____**

NEW CONSTRUCTION OR IMPROVEMENT

(X) New Construction **(X) Addition, Alteration, Modification or other Improvement**

I LEO J. GIELAS JR. **, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____**

Leo J. Gielas Jr. 2-8-07

Owner Builder Signature **Date**

NOTARY PUBLIC-STATE OF FLORIDA
Michael J. Carr
Commission # DD519389
Expires: FEB. 19, 2010
Bonded Thru Atlantic Bonding Co., Inc.

The above signer is personally known to me or produced identification FL Drivers License

Notary Signature _____ **Date** 2-8-07 **(Stamp / Seal)**

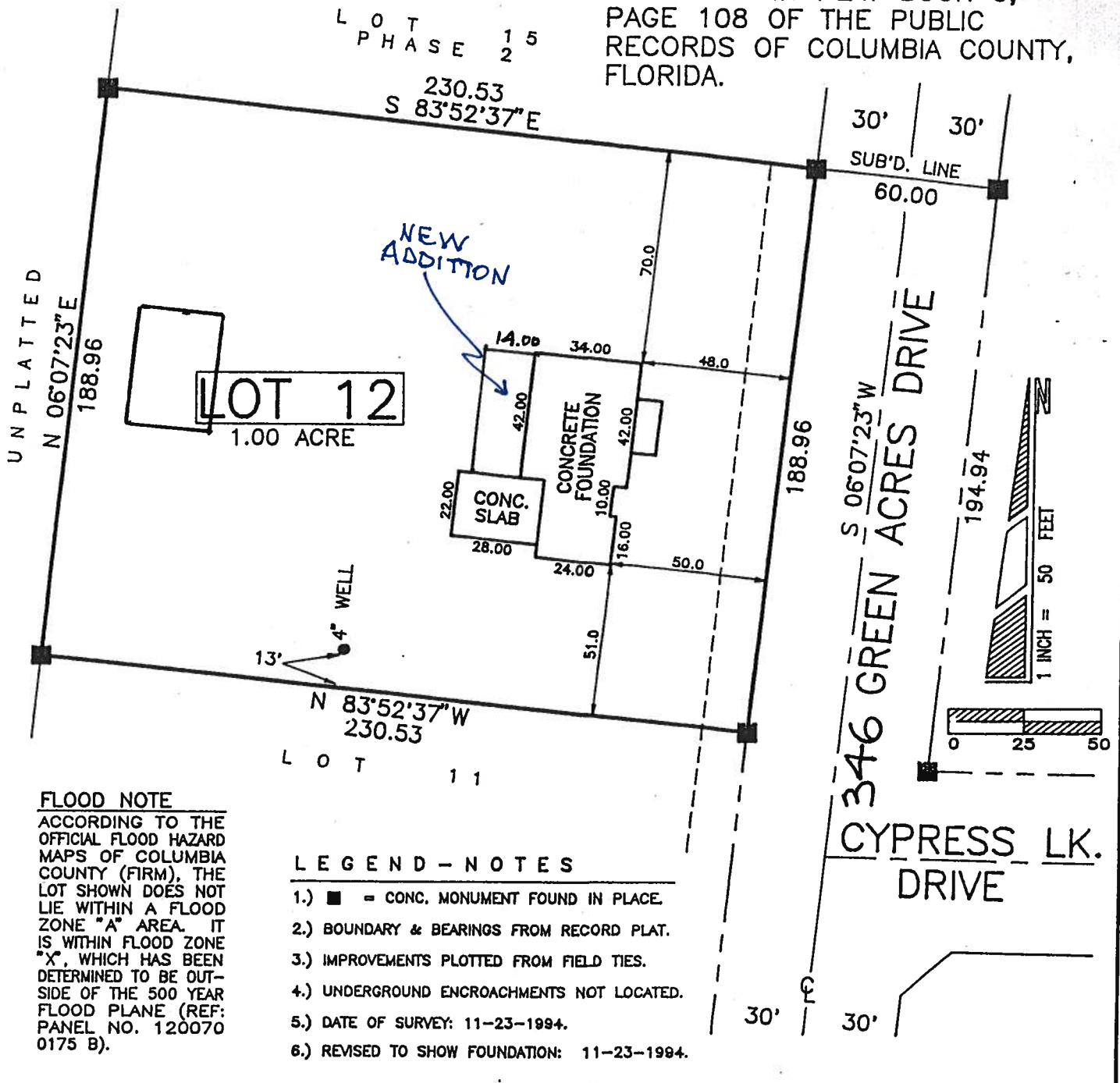
FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date_____ **Building Official/Representative**_____

BOUNDARY SURVEY

LOT NO. 12 OF "CYPRESS LAKE PHASE 4", A SUBDIVISION AS RECORDED IN PLAT BOOK 6, PAGE 108 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.



FLOOD NOTE

ACCORDING TO THE OFFICIAL FLOOD HAZARD MAPS OF COLUMBIA COUNTY (FIRM), THE LOT SHOWN DOES NOT LIE WITHIN A FLOOD ZONE "A" AREA. IT IS WITHIN FLOOD ZONE "X", WHICH HAS BEEN DETERMINED TO BE OUT-SIDE OF THE 500 YEAR FLOOD PLANE (REF: PANEL NO. 120070 0175 B).

LEGEND - NOTES

1.) ■ = CONC. MONUMENT FOUND IN PLACE.
2.) BOUNDARY & BEARINGS FROM RECORD PLAT.
3.) IMPROVEMENTS PLOTTED FROM FIELD TIES.
4.) UNDERGROUND ENCROACHMENTS NOT LOCATED.
5.) DATE OF SURVEY: 11-23-1994.
6.) REVISED TO SHOW FOUNDATION: 11-23-1994.

CERTIFICATION

CERTIFIED TO: LEO J. GIELAS, JR. , MARY ANN GIELAS, AND FIRST RAILROAD COMMUNITY FEDERAL CREDIT UNION

I HEREBY CERTIFY that this Survey complies with the Minimum Technical Standards for Land Surveying as set forth by the Florida Board of Professional Land Surveyors, pursuant to Section 472.027, Florida Statutes.

SIGNED: _____ DATE: 11 / 23 / 19 94

Donald F. Lee, P.L.S.
Florida Reg. No. 3628

NOT VALID UNLESS SIGNED AND EMBOSSED WITH SURVEYOR'S SEAL

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 33-3S-16-02434-312 **Permit Number** _____

1. Description of property: (legal description of the property and street address or 911 address)
LOT 12 PHASE 4 - CYPRESS LAKE SUBDIVISION

346 SW GREEN ACRES WAY, LAKE CITY, FL 32024

2. General description of improvement: ADDITION TO REAR OF HOUSE, GREAT ROOM & 1 BEDROOM.

3. Owner Name & Address LEO J. GIELAS JR / MARY ANN GIELAS

Interest in Property _____

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name OWNER / BUILDER LEO GIELAS **Phone Number** _____

Address 346 SW GREEN ACRES WAY, LAKE CITY, FL 32024

6. Surety Holders Name _____ **Phone Number** _____

Address _____

Amount of Bond _____

Inst:2007003216 Date:02/09/2007 Time:10:37
D.C.,P.DeWitt Cason,Columbia County B:1110 P:841

7. Lender Name _____

Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name _____ **Phone Number** _____

Address _____

9. In addition to himself/herself the owner designates _____ **of** _____ **to receive a copy of the Lien Notice as provided in Section 713.13 (1) –**

(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

Leo J. Gielas Jr.
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 8, Feb, **20** 07.

G. R. M.
Signature of Notary **NOTARY STAMP/SEAL**

NOTARY PUBLIC-STATE OF FLORIDA
George R. Morse
Commission # DD476488
Expires: SEP. 27, 2009
Bonded Thru Atlantic Bonding Co., Inc.

25535

AIR/7-037 - (13 A)

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

truss is repaired to decrease the overall height 9-0-7 to 8-7-3 by lowering the Flat Top Chord by 4.

r to drawing HCUSR487 07037003 for plates and r data not given here.

ir(s) must comply with Alpine designs & specifications

e Truss and any supported spans in proper position epair is being made.

2x6x17-7-4 SP #1 Dense FIELD-INSTALLED CUT-TO-FIT MEMBER REQUIRED (spliced where shown).

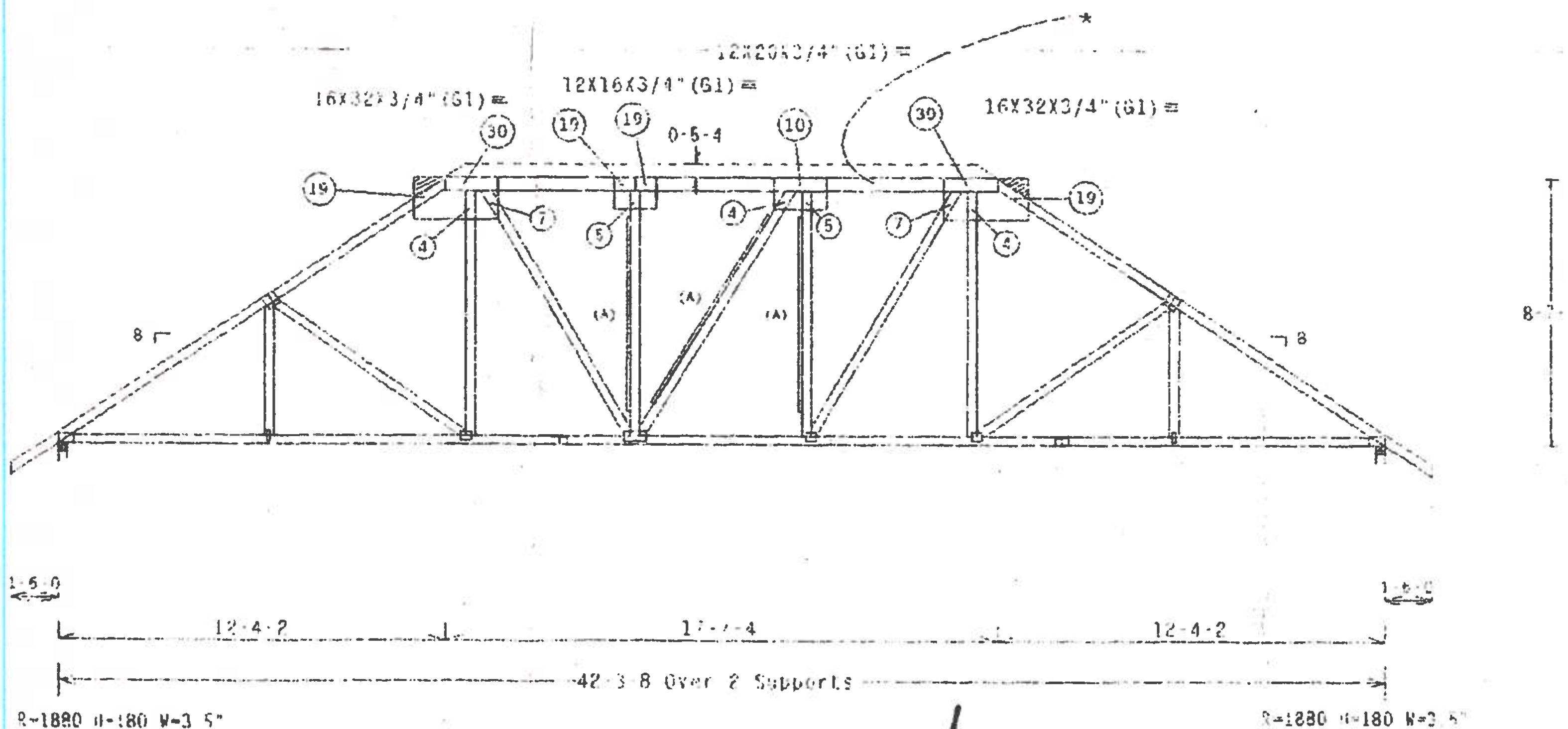
(G1) Gusset Plates are 3/4" APA STRUCTURAL I RATED SHEATHING, 48/24, EXP 1. Apply gusset to each face of truss and attach with evenly distributed 6d Box (0.099x2.0") Nails specified in circles. Hatched lines indicate portions on gussets protruding outside of the perimeter of the truss that may be trimmed flush with the truss profile.

Minimum Nail/Screw Spacing Requirements Based on ANSI/AF&PA NDS-2001:
End Distance 1-1/2"   Edge Distance 1/2"
Spacing Between Rows 1/2"   Spacing in a Row 1-1/2"
Maximum Number of Rows for Member Size:
2x4 5 Rows
2x6 9 Rows

4-16X32
19 NAILS EA
6d BOX
6x.113
NAIL GUN

2-12x16

2-12X20



TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RI=1.00(1.25)/10(0) 7.25.0411.16

TRUSS REPAIR

DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PRUDENT SOLUTION IS TO SCRAP THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FIBER DAMAGE AND EXCESSIVE CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE READILY DETECTED. THEREFORE IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REBUILD.

REPAIR WORK SHOWN ON THIS DRAWING APPLIES ONLY TO THOSE SECTIONS OF THE TRUSS REPORTED BY THE TRUSS MANUFACTURER TO HAVE BEEN DAMAGED. A QUALIFIED THIRD PARTY INSPECTOR SHALL CHECK TRUSSES TO DETERMINE THE EXTENT OF ANY FURTHER DAMAGE, IF ANY AND VERIFY THAT REPAIRS HAVE BEEN PERFORMED AS INDICATED ON THIS DRAWING.

ALPINE

Building Components Group, Inc.
Haines City, FL 33844
Certificate of Authorization # 567

ARTHUR R. FISHER LICENSE No. 53687 STATE OF FLORIDA PROFESSIONAL ENGINEER

QTY:1	FL/-/4/-/R/F
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

Scale = .1875"/Ft.	
REF	R8228- 68268
DATE	04/10/07
DRW	HCUSR8228 07100005
HC ENG	TCF/AF
SEQN-	17421 REV
FROM	JFB
JREF-	1T6E8228Z01

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T4N487-Z0106090549

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-037--OWNER BUILDER GIELAS ADDITION -- , **
Truss Count:	13
Model Code:	Florida Building Code 2004 and 2006 Supplement
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 - 40.0 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

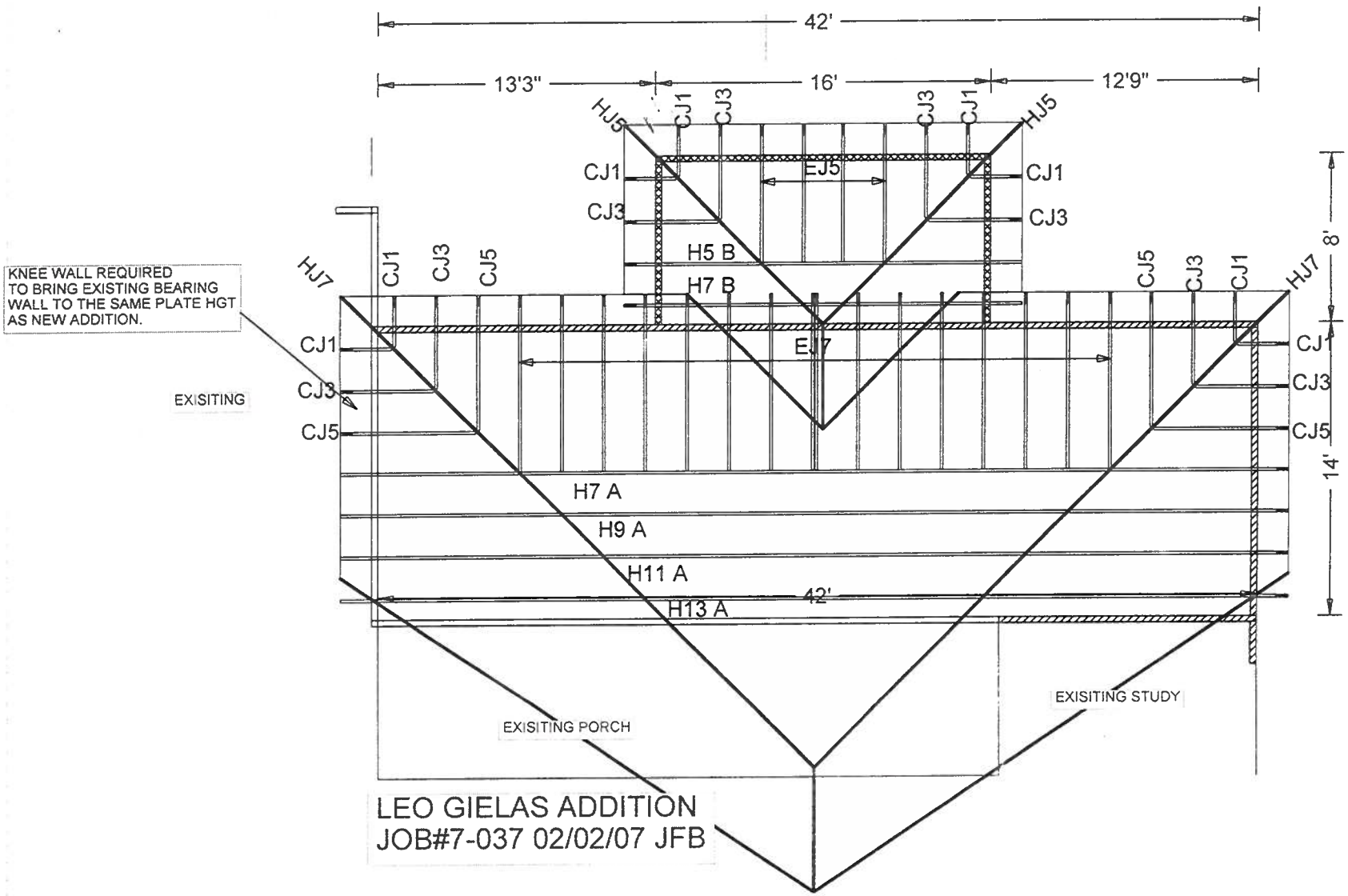
Details: -

#	Ref	Description	Drawing#	Date
1	33898	H7 A	07037009	02/06/07
2	33899	H9 A	07037001	02/06/07
3	33900	H11 A	07037002	02/06/07
4	33901	H13 A	07037003	02/06/07
5	33902	H5 B	07037010	02/06/07
6	33903	H7 B	07037004	02/06/07
7	33904	EJ5	07037005	02/06/07
8	33905	CJ1	07037008	02/06/07
9	33906	HJ5	07037011	02/06/07
10	33907	HJ7	07037012	02/06/07
11	33908	CJ3	07037006	02/06/07
12	33909	EJ7	07037001	02/06/07
13	33910	CJ5	07037007	02/06/07

Seal Date: 02/06/2007

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

FILE COPY



JOB DESCRIPTION:: OWNER BUILDER
/: GIELAS ADDITION

JOB NO:
7-037

PAGE NO:
1 OF 1

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
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.

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

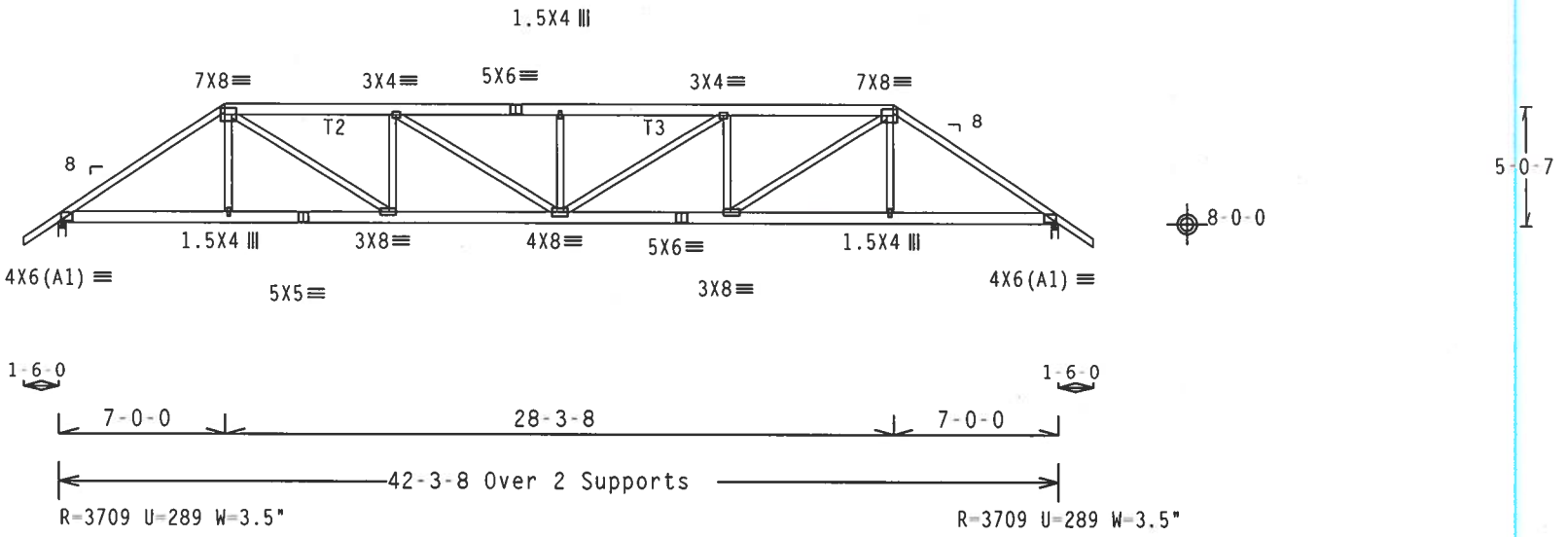
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Feb 06 '07

TC LL	20.0 PSF	REF	R487-- 33898
TC DL	10.0 PSF	DATE	02/06/07
BC DL	10.0 PSF	DRW	HCUSR487 07037009
BC LL	0.0 PSF	HC-ENG	MNM/AF
TOT.LD.	40.0 PSF	SEQN-	150683
DUR.FAC.	1.25	FROM	JFB
SPACING	24.0"	JREF-	1T4N487_Z01

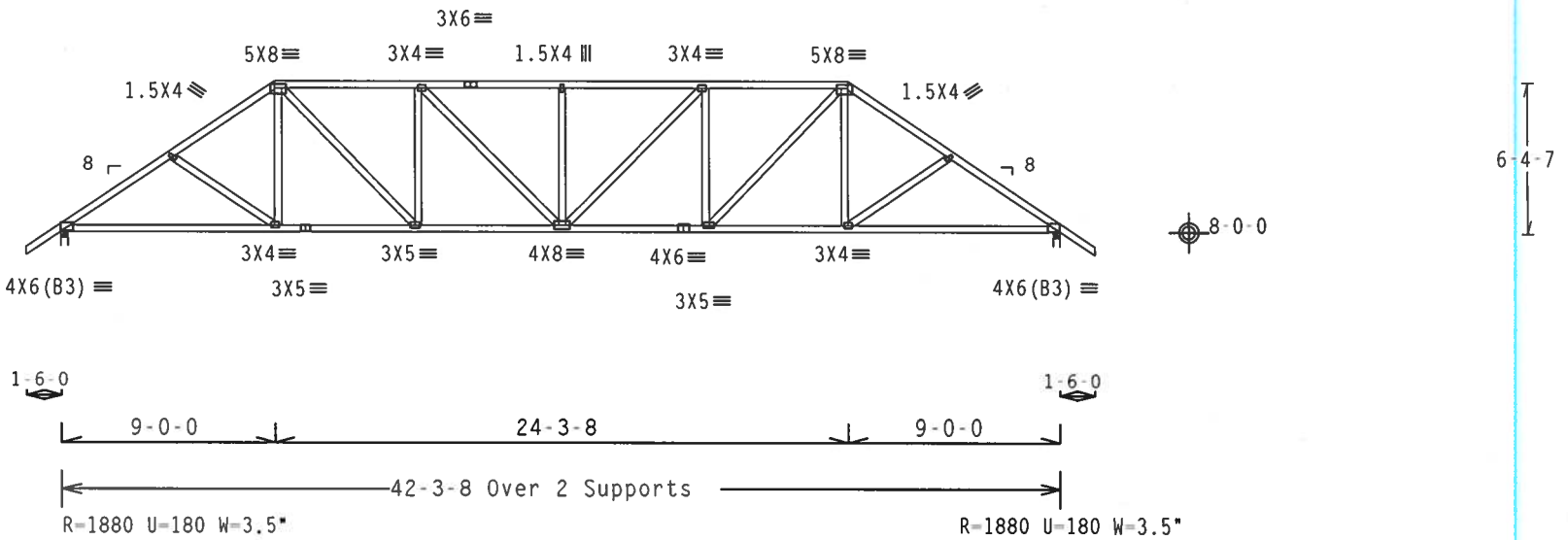
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible] TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.125"/Ft.

ALPINE

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Haines City, FL 33844
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ARTHUR B. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Feb 06 '07

TC LL	20.0 PSF	REF R487-- 33899
TC DL	10.0 PSF	DATE 02/06/07
BC DL	10.0 PSF	DRW HCUSR487 07037001
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 150688
DUR.FAC.	1.25	FROM JFB
SPACING	24.0"	JREF- 1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - H11 A)

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

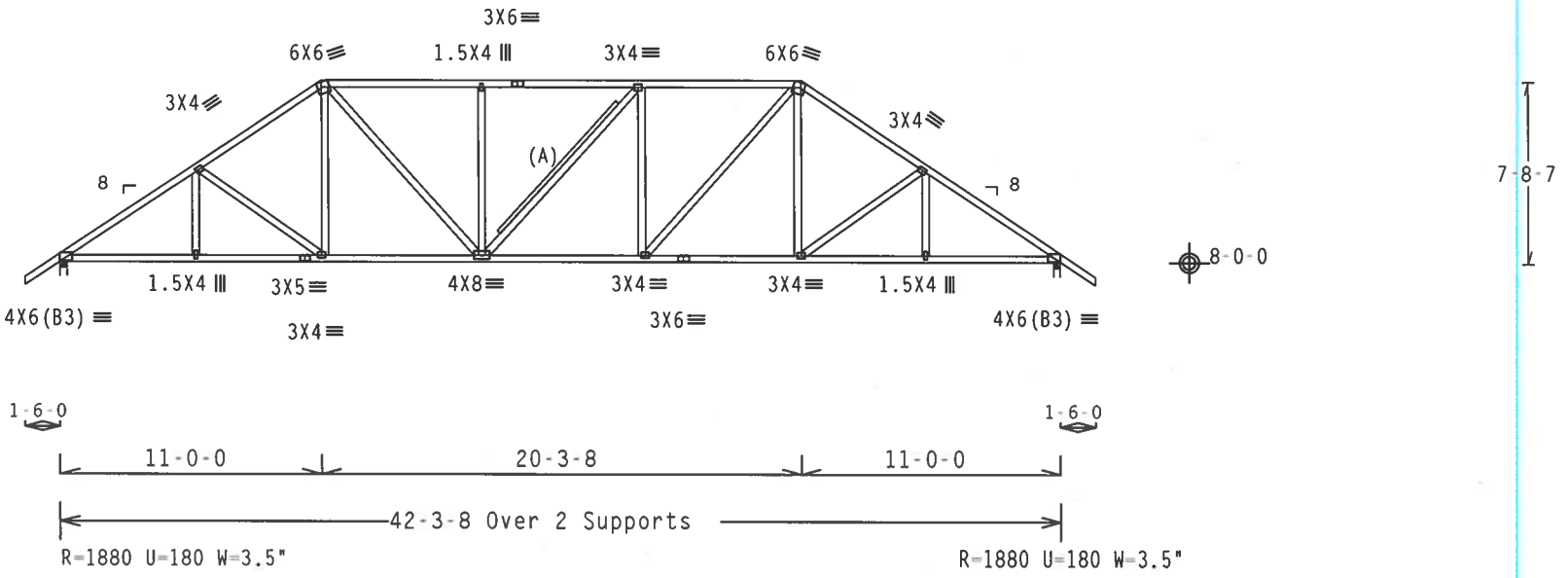
Wind reactions based on MWFRS pressures.

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

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certif... Author... # 567

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Feb 06 '07

TC LL	20.0 PSF	REF R487-- 33900
TC DL	10.0 PSF	DATE 02/06/07
BC DL	10.0 PSF	DRW HCUSR487 07037002
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 150694
DUR.FAC.	1.25	FROM JFB
SPACING	24.0"	JREF- 1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - H13 A)

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

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

Wind reactions based on MWFRS pressures.

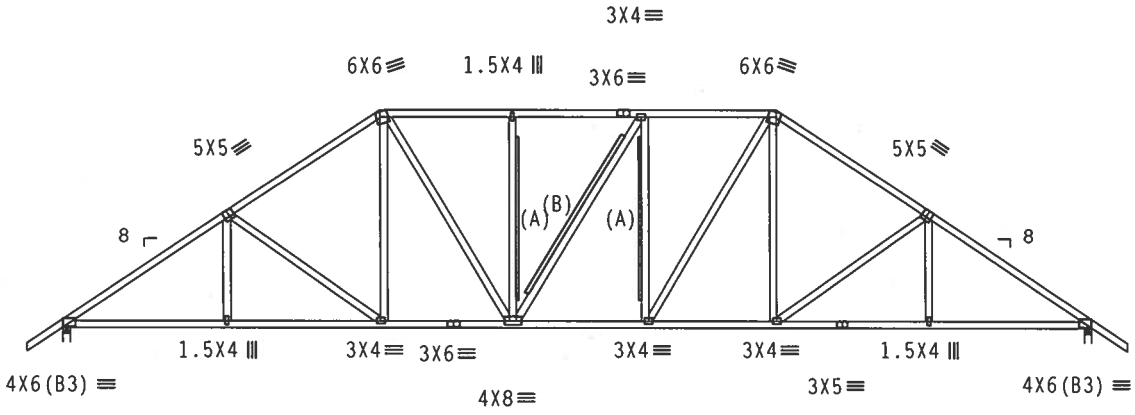
(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

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

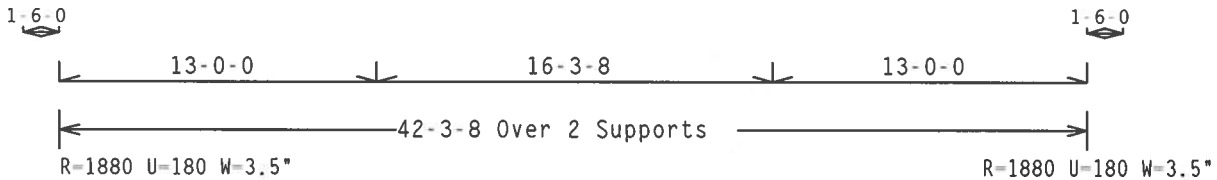
(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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



9-0-7

8-0-0



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

Feb 07 '07

TC LL	20.0 PSF	REF	R487-- 33901
TC DL	10.0 PSF	DATE	02/06/07
BC DL	10.0 PSF	DRW	HCUSR487 07037003
BC LL	0.0 PSF	HC-ENG	MNM/AF *
TOT.LD.	40.0 PSF	SEQN-	150699
DUR.FAC.	1.25	FROM	JFB
SPACING	24.0"	JREF-	1T4N487_Z01

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certif... of Author... # 567

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(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - H5 B)

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

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

110 mph wind, 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.

Wind reactions based on MWFRS pressures.

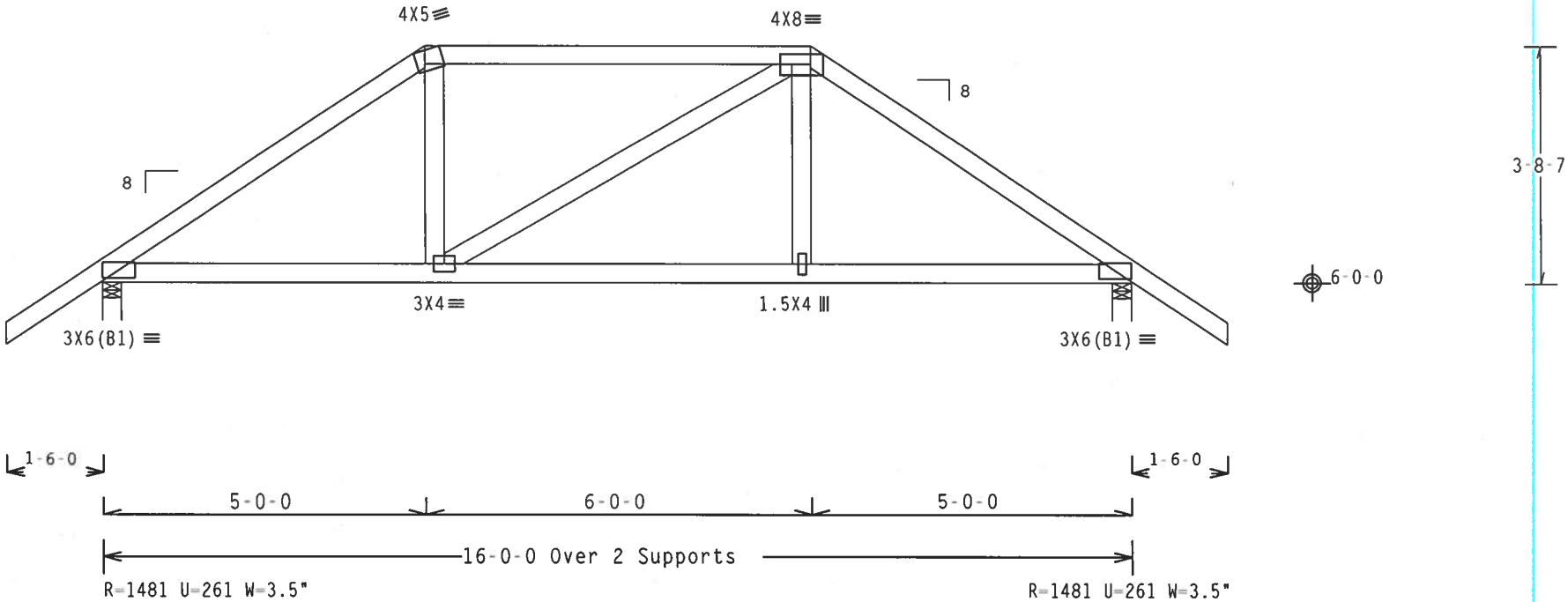
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

TC	From	64 PLF	at	-1.50	to	64 PLF	at 5.00
TC	From	64 PLF	at	5.00	to	64 PLF	at 11.00
TC	From	64 PLF	at	11.00	to	64 PLF	at 17.50
BC	From	5 PLF	at	-1.50	to	5 PLF	at 0.00
BC	From	20 PLF	at	0.00	to	20 PLF	at 16.00
BC	From	5 PLF	at	16.00	to	5 PLF	at 17.50

TC	367 LB	Conc. Load at	5.00,	11.00
TC	131 LB	Conc. Load at	7.06,	8.94
BC	154 LB	Conc. Load at	5.00,	11.00
BC	53 LB	Conc. Load at	7.06,	8.94



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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ALPINE

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Haines City, FL 33844
FL Certificate of Authorization # 567

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Feb 06 '07

TC LL	20.0 PSF	REF	R487-- 33902
TC DL	10.0 PSF	DATE	02/06/07
BC DL	10.0 PSF	DRW	HCUSR487 07037010
BC LL	0.0 PSF	HC-ENG	MNM/AF
TOT.LD.	40.0 PSF	SEQN-	19235
DUR.FAC.	1.25	FROM	JFB
SPACING	24.0"	JREF-	1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - H7 B)

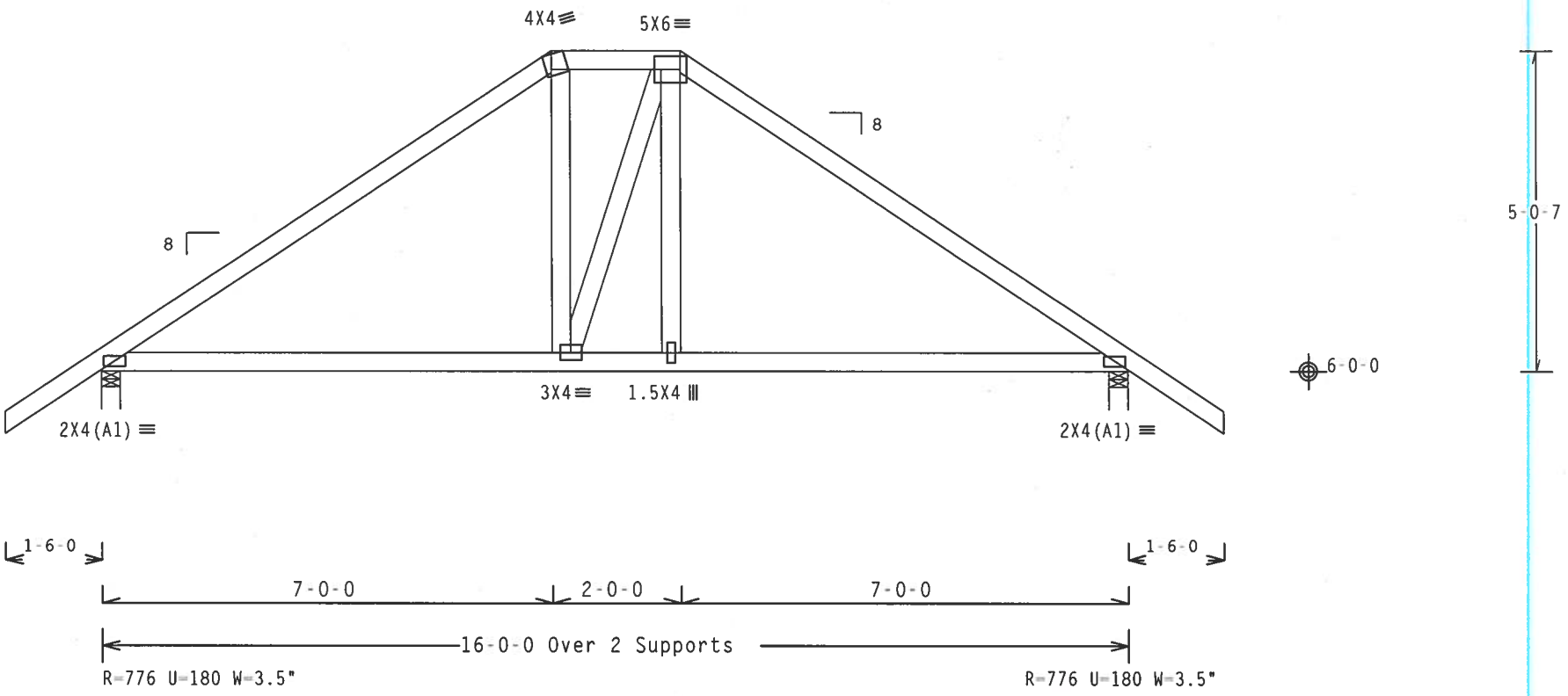
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.375"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certif[illegible] Author[illegible] # 567

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

Feb [illegible] '07

TC LL	20.0 PSF	REF R487-- 33903
TC DL	10.0 PSF	DATE 02/06/07
BC DL	10.0 PSF	DRW HCUSR487 07037004
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 19238
DUR.FAC.	1.25	FROM JFB
SPACING	24.0"	JREF- 1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - EJ5)

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

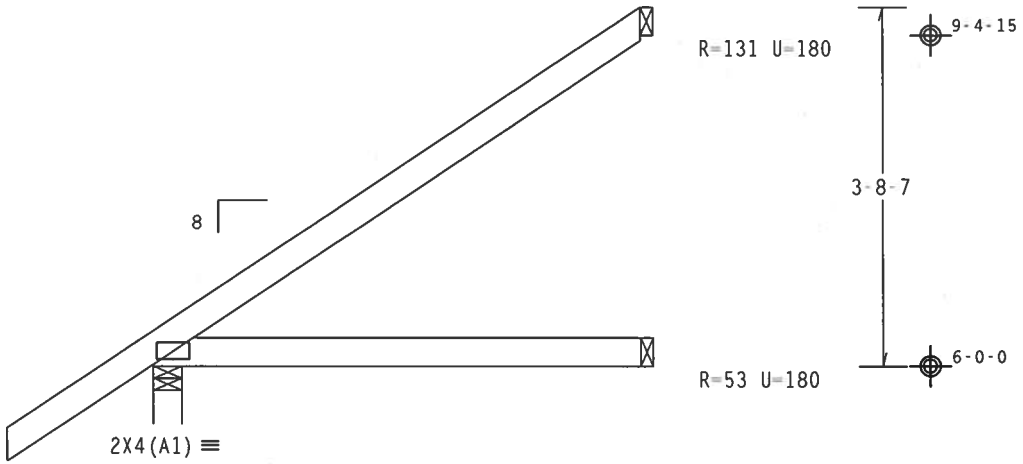
Wind reactions based on MWFRS pressures.

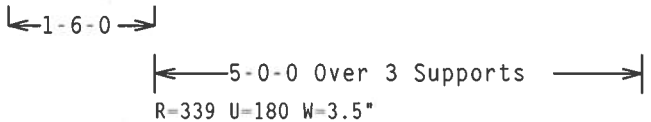
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Provide (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.





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

Feb 06 '07

TC LL	20.0 PSF	REF R487-- 33904
TC DL	10.0 PSF	DATE 02/06/07
BC DL	10.0 PSF	DRW HCUSR487 07037005
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 19219
DUR.FAC.	1.25	FROM JFB
SPACING	24.0"	JREF- 1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - CJ1)

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

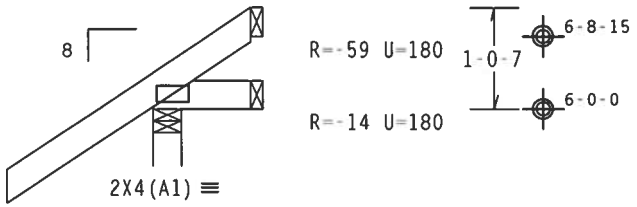
Wind reactions based on MWFRS pressures.

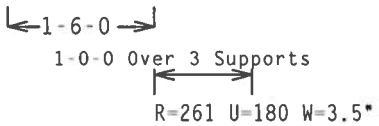
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.

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.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Feb 06 07

TC LL	20.0 PSF	REF R487-- 33905
TC DL	10.0 PSF	DATE 02/06/07
BC DL	10.0 PSF	DRW HCUSR487 07037008
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 19223
DUR.FAC.	1.25	FROM JFB
SPACING	24.0"	JREF- 1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - HJ5)

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

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

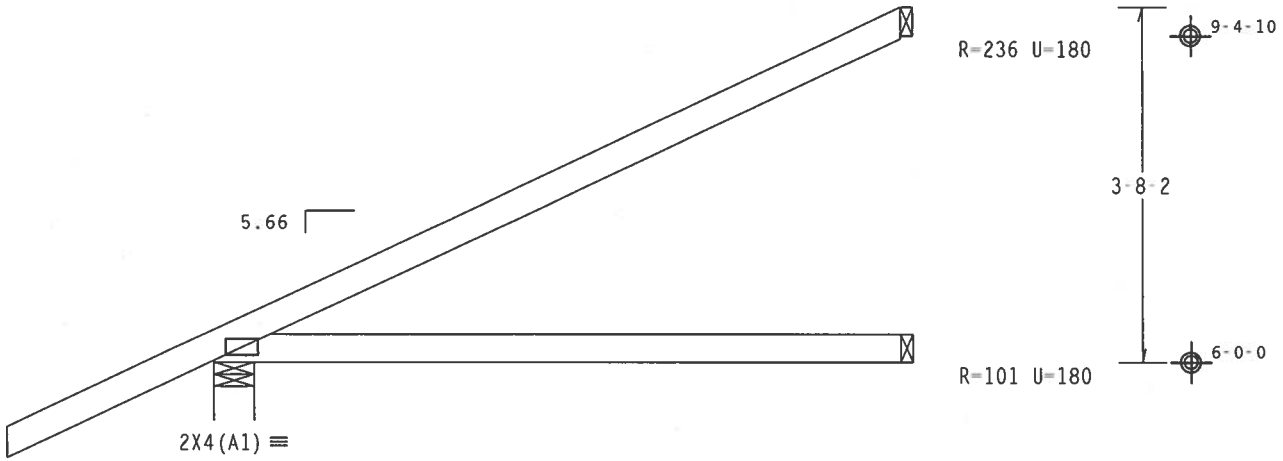
Wind reactions based on MWFRS pressures.

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.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at -2.12 to 62 PLF at 7.07
BC - From 4 PLF at -2.12 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 7.07
TC - -119 LB Conc. Load at 1.48
TC - 127 LB Conc. Load at 4.31
BC - -28 LB Conc. Load at 1.48
BC - 47 LB Conc. Load at 4.31

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



2-1-7

7-0-14 Over 3 Supports

R=413 U=201 W=4.95"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certif... Author... # 567

ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Feb 06 '07

TC LL	20.0 PSF	REF R487-- 33906
TC DL	10.0 PSF	DATE 02/06/07
BC DL	10.0 PSF	DRW HCUSR487 07037011
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 19232
DUR.FAC.	1.25	FROM JFB
SPACING	24.0"	JRFF- 1T4N487_Z01

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

Wind reactions based on MWFRS pressures.

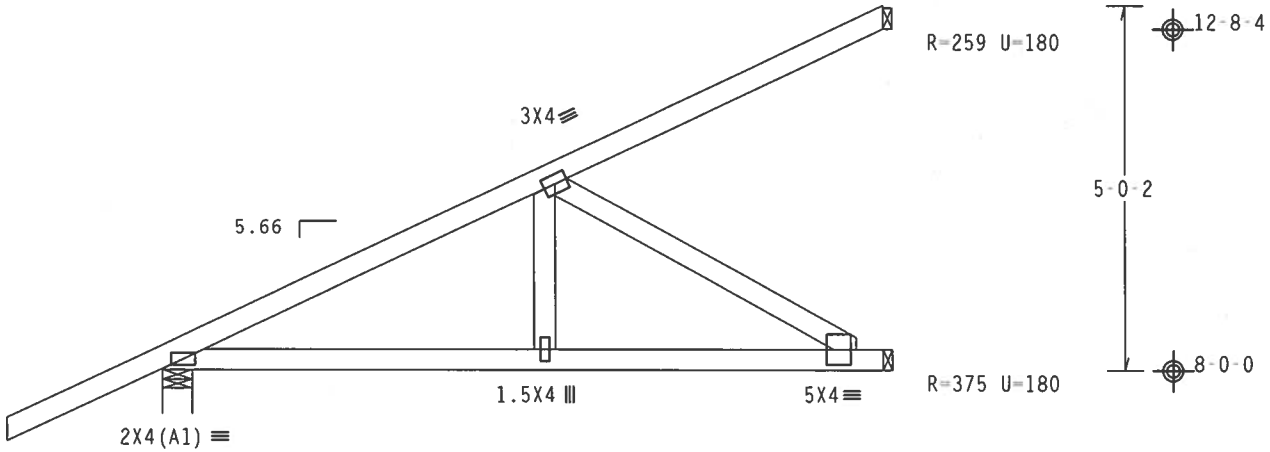
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

PROVIDE (2) 0.162"X3.5" TOE-NAILS AT TOP CHORD.
PROVIDE (3) 0.162"X3.5" TOE-NAILS AT BOTTOM CHORD.

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

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



2-1-7

9-10-13 Over 3 Supports

R=617 U=365 W=4.95"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1[illegible] TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

Feb 06 '07

TC LL	20.0 PSF	REF R487-- 33907
TC DL	10.0 PSF	DATE 02/06/07
BC DL	10.0 PSF	DRW HCUSR487 07037012
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 19250
DUR.FAC.	1.25	FROM JFB
SPACING	24.0"	JREF- 1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - CJ3)

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

Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.

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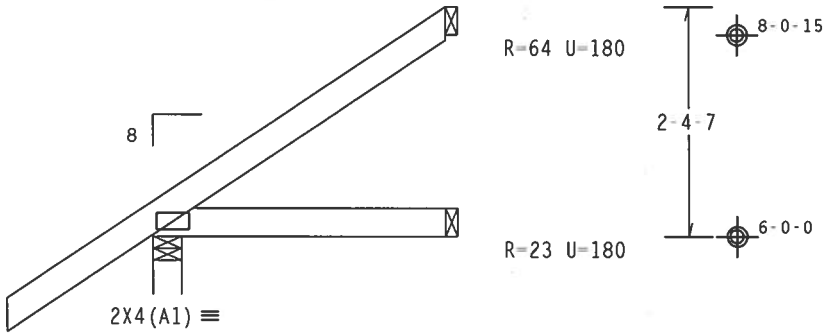

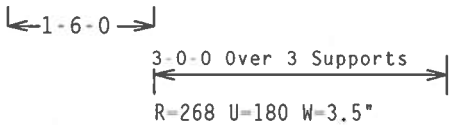

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE NO.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Feb 06 '07

TC LL	20.0 PSF	REF	R487-- 33908
TC DL	10.0 PSF	DATE	02/06/07
BC DL	10.0 PSF	DRW	HCUSR487 07037006
BC LL	0.0 PSF	HC-ENG	MNM/AF *
TOT.LD.	40.0 PSF	SEQN-	19229
DUR.FAC.	1.25	FROM	JFB
SPACING	24.0"	JREF-	1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - EJ7)

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

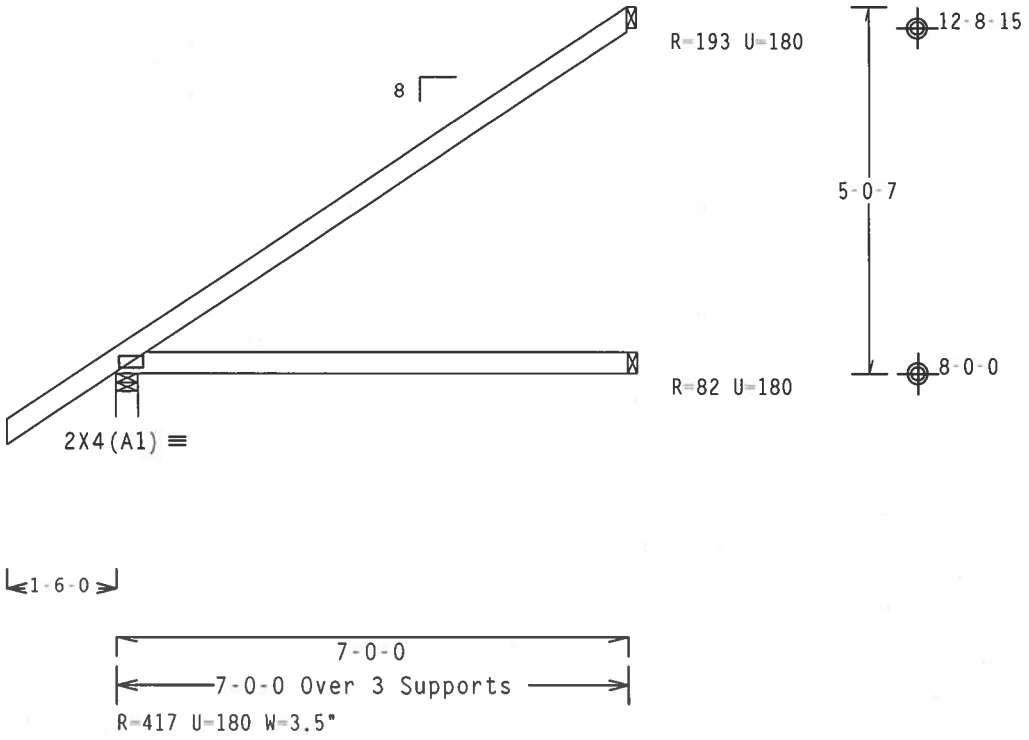
Wind reactions based on MWFRS pressures.

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

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

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

Provide (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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certif[illegible] Author[illegible] 567

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Feb 06 '07

TC LL	20.0 PSF	REF R487-- 33909
TC DL	10.0 PSF	DATE 02/06/07
BC DL	10.0 PSF	DRW HCUSR487 07037001
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 144801
DUR.FAC.	1.25	FROM JFB
SPACING	24.0"	JREF- 1T4N487_Z01

(7-037--OWNER BUILDER GIELAS ADDITION -- , ** - CJ5)

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

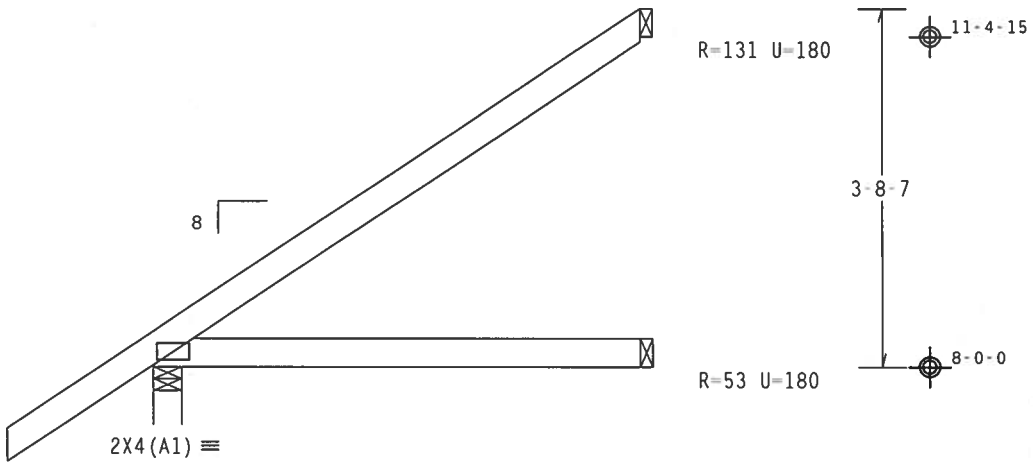
Wind reactions based on MWFRS pressures.

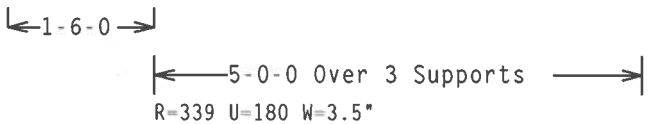
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

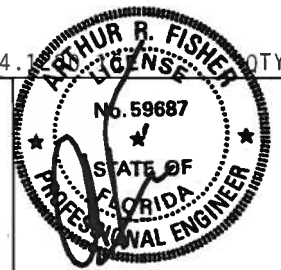
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certif... of Author... # 567



Feb 06 '07

TC LL	20.0 PSF	REF	R487-- 33910
TC DL	10.0 PSF	DATE	02/06/07
BC DL	10.0 PSF	DRW	HCUSR487 07037007
BC LL	0.0 PSF	HC-ENG	MNM/AF *
TOT.LD.	40.0 PSF	SEQN-	19245
DUR.FAC.	1.25	FROM	JFB
SPACING	24.0"	JREF-	1T4N487_Z01

RO... 118

Proposal

Page No. ______ of ______ Pages

Harry's Heating & Air Conditioning, Inc.

P.O. Box 1321
LAKE CITY, FLORIDA 32056
Phone 752-2308
YEAR 'ROUND AIR CONDITIONING
HEATING CONTRACTORS

YEAR 'ROUND AIR CONDITIONING

HEATING Contractors

PROPOSAL SUBMITTED TO	PHONE	DATE
Leo Gielas	752-8574	8 Feb 07
STREET	JOB NAME	
Green Acres Dr.		
CITY, STATE and ZIP CODE	JOB LOCATION	
ARCHITECT / DATE OF PLANS		JOB PHONE

We hereby submit specifications and estimates for:

Duct work to addition
4 Supply Outlets
1 Return in Bedroom to study
material and labor

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of ______ dollars ($ 750.00)

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized Signature ______

Note: This proposal may be withdrawn by us if not accepted within ______ days

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature ______

FILE COPY

RESIDENTIAL HEATING AND COOLING REQUIREMENTS*

HVAC WORKSHEET FOR WATT-WISE LIVING

HEATING AND COOLING REQUIREMENTS DUE TO GLASS AREA

WINDOWS & GLASS DOORS	AREA SQUARE FEET	DESIGN TEMPERATURE DIFFERENCE 30°	35°	40°	45°	50°	HEATING (BTUH LOSS)
Glass Doors, Infiltration less than 1.0 CFM/FT							
Single Glass		50	60	70	75	85	
Double Glass		40	45	50	55	60	
Other Sliding Glass Doors							
Single Glass		75	85	100	115	125	
Double Glass	20	60	70	(80)	90	100	1600
Windows, Infiltrat on less than 0.50 CFM/FT							
Single Glass		40	50	55	60	70	
Double Glass	54	25	30	(35)	40	45	1890
Windows, Infiltration less than 0.75 CFM/FT							
Single Glass		45	50	60	65	75	
Double Glass		30	35	40	45	50	
Other Windows							
Single Glass		75	90	105	115	130	
Double Glass		60	70	80	90	105	
Fixed or Picture Windows							
Single Glass		40	50	55	60	70	
Double Glass		25	30	35	40	45	
Other							
Total BTUH Loss (Enter on Line 2, Page 2)							3490

WINDOWS & GLASS DOORS	AREA SQUARE FEET	COOLING MULTIPLIER (CIRCLE) SINGLE GLASS 90° C	T	R	95° C	T	R	DOUBLE GLASS 90° C	T	R	95° C	T	R	COOLING (BTUH GAIN)
No Shading														
N		30	22	20	30	26	25	20	14	13	25	17	16	
NE & NW		60	41	36	65	45	41	50	29	24	50	32	27	
E & W		85	60	53	90	64	57	70	44	36	75	47	39	
SE & SW		75	51	45	80	56	50	60	37	30	65	40	33	
S		45	31	28	50	35	33	35	21	18	40	24	21	
Draperies or Blinds														
N		20	17	16	25	21	20	15	11	11	20	14	14	
NE & NW		35	33	30	40	37	34	30	22	21	35	25	24	
E & W	74	55	48	43	55	52	47	45	32	30	(50)	35	33	3700
SE & SW		45	39	35	50	43	39	40	26	25	40	29	28	
S		30	26	24	30	30	28	25	17	16	25	20	19	
Roller Shades														
N		25	19	17	26	23	22	20	12	11	20	15	14	
NE & NW		45	36	32	50	40	37	40	26	22	45	29	25	
E & W		65	53	47	70	57	51	55	37	32	60	40	35	
SE & SW		55	44	39	60	48	44	50	32	27	50	35	30	
S		35	28	25	40	32	30	30	20	16	35	23	19	
Awnings, Porches, Etc.														
All Directions		25	22	20	30	26	25	15	14	13	20	17	16	
Other														
Total BTUH Gain (Line 2, Page 2)														3700

*REFERENCE A.C.C.A. MANUAL "J"

(C - Clear T - Tinted R - Reflective)

Prepared By: HARVEY HTG + AIR INC

TOTAL HEATING AND COOLING REQUIREMENTS

Page 2

For:

Name: LEO GILLIS

Address: GREEN ACRES DR.

City:

(✓) Check Constr. Type	ITEM			AREA SQUARE FEET	DESIGN TEMPERATURE DIFFERENCE 30°	35°	40°	45°	50°	HEATING (BTUH LOSS)	DESIGN TEMP 90°	95°	COOLING MULT. (CIRCLE)	COOLING (BTUH GAIN)
	Gross Wall Area			448										
	Glass Area (From page 1)			74						3490				3700
	Partitions, Frame													
	Finished 1 side, No Insulation				17	19	22	25	28		6.5	10.0		
	Finished 2 sides, No Insulation				9	11	12	14	16		4.5	6.0		
	Finished 2 sides, R-5				4	5	5.5	6	7		2.5	3.5		
	Finished 2 sides, R-11				2	3	3	4	4		2.0	2.5		
	Other													
	Doors (Excluding glass)													
	No weatherstripping				135	160	180	200	225		10.0	13.0		
	Weatherstripped				70	85	95	110	120		10.0	13.0		
	R-5 Insulation, No weatherstripping				123	144	164	185	205		4.3	5.5		
	R-5 Insulation, weatherstripping				68	79	90	101	113		4.0	5.0		
	Other													
	Net Exterior Walls													
	CBS Furred, No Insulation				9	10	12	13	14		4.5	6.0		
	CBS Furred, R-3 Insulation				5	6	7	8	8		3.0	4.2		
	CBS Furred, R-4 Insulation				4	5	6	6	7		2.7	3.8		
	CBS Furred, R-5 Insulation				4	5	5	6	6		2.5	3.5		
	Frame, No Insulation				8	9	10	11	13		5.5	7.0		
	Frame, R-11 Insulation				2	2	3	3	4		2.5	3.0		
	Frame, R-14 Insulation			374	1.5	1.7	(2)	2.5	3	748	2	(2.8)		1047
	Other													
	Ceiling under attic	Roof												
	No Insulation	DK	LT		18	21	24	27	30		9	7	10	8.5
	R-11 Insulation	DK	LT		2.4	2.8	3.2	3.5	3.9		2.5	2	3	2.5
	R-19 Insulation	DK	LT		1.5	1.7	1.9	2.2	2.4		1.5	1.5	2	1.5
	R-22 Insulation	DK	LT		1.2	1.5	1.7	1.9	2.1		1.5	1.0	1.5	1.5
	R-26 Insulation	DK	LT		1.1	1.3	1.4	1.6	1.8		1.3	1	1.5	1.2
	R-30 Insulation	DK	LT	740	1	1.1	1.3	1.4	1.6		1.1	.9	1.3	1.0
	Other													
	Floor, Concrete Slab			Perimeter Ft.										
	No Edge Insulation			56	35	40	(40)	45	45	2240	0		0	
	Other													
	Subtotal									6478				4747
	People @ 300 & Appl. @ 1200													900
	Sensible BTUH Gain													
	Duct BTUH Loss & Gain									6478				5647
	2 In. Flex. or 1 In. Rigid						.10			648		.10		565
	1½ In. Rigid						.075					.075		
	Total BTUH Loss									7126				
	Subtotal BTUH Gain													6213
	x 1.3 = Total BTUH Gain													8076

Calculated Heating Requirements 7126 BTUH

Size of Unit Chosen ..... Existing HTGA unit BTUH

% Oversized .....

% Undersized .....

Calculated Cooling Requirements 8076 BTUH

Size of Unit Chosen ..... EXISTING 4 TON unit BTUH

% Oversized .....

% Undersized .....

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			5969
A. SWINGING	JELD-WEN	3/0-6/8 EXTERIOR DOOR	~~FL3863~~-R1
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	SILVERLINE	3/0-6/0 SINGLE LOW E	FL3863-R1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED	SILVERLINE	6/0-6/8 ARCH FIXED LOW E	FL3861-R1
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	TAMKO	30 AR - HERITAGE	FL 7154
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	SIMPSON	SEISMIC TIES H2.5A/SPH4-6	
B. WOOD ANCHORS			
C. TRUSS PLATES	ALPINE	ANDERSON TRUSS	TRUSS PKG.
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

[signature] — APPLICANT SIGNATURE

Feb. 8, 2007 — DATE

R-1305 01-04

FILE COPY

Notice of Treatment 63193

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE BAYA DR.
City Lake City Phone (386) 752-1703

Site Location: Subdivision Cypress Lakes
Lot # _____ Block# _____ Permit # 25535
Address 346 SW Green Acres Way

Product used	Active Ingredient	% Concentration
☐ ~~Premise~~	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☐ ~~Soil~~ ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
~~Addition~~	588	112	60

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

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

03-19-07 Date | 830 Time | R D Crawford Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

APPLICATION # 0702-21

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 600C-01 — **Residential Limited Applications Prescriptive Method C** — **NORTH 1 2 (3)**

Small Additions, Renovations & Building Systems

Compliance with Method C of Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600C-01 for additions of 600 square feet or less, site- installed components of manufactured homes, and renovations to single and multifamily residences. Alternative methods are provided for additions by use of Form 600B-01 or 600A-01.

PROJECT NAME: LEO GIELAS - ADDITION	**BUILDER:** OWNER/BUILDER		
AND ADDRESS: 346 SW GREENACRES LAKE CITY, FL 32024	**PERMITTING OFFICE:** COLUMBIA	**CLIMATE ZONE:** 1 [ ] 2 [ ] 3 [✓]	
OWNER: LEO J & MARY ANN GIELAS	**PERMIT NO.:** 25535	**JURISDICTION NO.:** 22 1000	

SMALL ADDITIONS TO EXISTING RESIDENCES (600 Square feet or less of conditioned area). Prescriptive requirements in Tables 6C-1, 6C-2 and 6C-3 apply only to the components of the addition, not to the existing building. Space heating, cooling, and water heating equipment efficiency levels must be met only when equipment is installed specifically to serve the addition or is being installed in conjunction with the addition construction. Components separating unconditioned spaces from conditioned spaces must meet the prescribed minimum insulation levels. RENOVATIONS (Residential buildings undergoing renovations costing more than 30% of the assessed value of the building). Prescriptive requirements in Tables 6C-1 and 6C-2 apply only to the components and equipment being renovated or replaced. MANUFACTURED HOMES AND BUILDINGS. Only site-installed components and features are covered by this form. BUILDING SYSTEMS Comply when complete new system is installed.

	Please Print	CK
1. Renovation, Addition, New System or Manufactured Home	1. ADDITION	
2. Single family detached or Multifamily attached	2. SING. FAM. DET.	
3. If Multifamily—No. of units covered by this submission	3. —	
4. Conditioned floor area (sq. ft.)	4. 808	
5. Predominant eave overhang (ft.)	5. 1'-0"	
6. Glass area and type:	Single Pane / Double Pane	
a. Clear glass	6a. ____ sq. ft. / ____ sq. ft.	
b. Tint, film or solar screen LOW E	6b. ____ sq. ft. / 39 sq. ft.	
7. Percentage of glass to floor area	7. 7. % / +18 SQ FT	
8. Floor type and insulation:		
a. Slab-on-grade (R-value)	8a. R= 0 / 1522 lin. ft.	
b. Wood, raised (R-value)	8b. R= ____ / ____ sq. ft.	
c. Wood, common (R-value)	8c. R= ____ / ____ sq. ft.	
d. Concrete, raised (R-value)	8d. R= ____ / ____ sq. ft.	
e. Concrete, common (R-value)	8e. R= ____ / ____ sq. ft.	
9. Wall type and insulation:		
a. Exterior:		
1. Masonry (Insulation R-value)	9a-1 R= ____ / ____ sq. ft.	
2. Wood frame (Insulation R-value)	9a-2 R= 19 / 808 sq. ft.	
b. Adjacent:		
1. Masonry (Insulation R-value)	9b-1 R= ____ / ____ sq. ft.	
2. Wood frame (Insulation R-value)	9b-2 R= 11 / ____ sq. ft.	
c. Marriage Walls of Multiple Units* (Yes/No)	9c ____ / ____	
10. Ceiling type and insulation:		
a. Under attic (Insulation R-value)	10a. R= ____ / ____ sq. ft.	
b. Single assembly (Insulation R-value)	10b. R= 30 / 808 sq. ft.	
11. Cooling system* (Types: central, room unit, package terminal A.C., gas, existing, none)	11. Type: EXISTING HEAT PUMP SEER/EER: 10 SEER	
12. Heating system*: (Types: heat pump, elec. strip, natural gas, L.P. gas, gas h.p., room or PTAC, existing, none)	12. Type: EXISTING HEAT PUMP HSPF/COP/AFUE: ____	
13. Air Distribution System*:		
a. Backflow damper or single package systems* (Yes/No)	13a. ____	
b. Ducts on marriage walls adequately sealed* (Yes/No)	13b. Yes	
14. Hot water system: (Types: elec., natural gas, other, existing, none)	14. Type: EXISTING EF: ____	

* Pertains to manufactured homes with site installed components.

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

PREPARED BY: [signature] DATE: 2/12/07

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

OWNER AGENT: [signature] DATE 2/12/07

Review of 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 in accordance with Section 553.908, F.S.

BUILDING OFFICIAL: ____

DATE: ____

TABLE 6C-1 : PRESCRIPTIVE REQUIREMENTS FOR SMALL ADDITIONS (600 Sq. Ft. and Less), RENOVATIONS TO EXISTING BUILDINGS AND SITE-INSTALLED COMPONENTS OF MANUFACTURED HOMES.

	COMPONENT	MINIMUM INSULATION	INSULATION INSTALLED
WALLS	Concrete Block	R-7	
	Frame, 2´ x 4´	R-11	
	Frame, 2´ x 6´	R-19	R-19
	Common, Frame	R-11	
	Common, Masonry	R-3	
CEILINGS	Under Attic	R-30	
	Single Assembly; Enclosed		
	Frame	R-19	R-30
	Metal Pans	R-13	
	Single Assembly; Open	R-10	
	Common, Frame	R-11	
FLOORS	Slab-on-grade	No Minimum	
	Raised Wood	R-19	0
	Raised Concrete	R-7	
	Common, Frame	R-11	
DUCT	In unconditioned space	R-6	R-6
	In conditioned space	No minimum	

	EQUIPMENT	MINIMUM EFFICIENCY	INSTALLED EFFICIENCY
COOLING	Central A/C - Split	SEER = 10.0	SEER = 10
	- Single Pkg.	SEER = 9.7	SEER =
	Room unit or PTAC	EER = 8.5*	EER = EXISTING
SPACE HEATING	Electric Resistance	ANY	
	Heat pump - Split	HSPF = 6.8	HSPF =
	- Single Pkg.	HSPF = 6.6	HSPF =
	Room unit or PTHP	COP = 2.7*	HSPF/ COP =
	Gas, natural or propane	AFUE = .78	AFUE =
	Fuel Oil	AFUE = .78	AFUE = EXISTING
HOT WATER	Electric Resistance	EF = .88	EF =
	Gas; Natural or L.P.	EF = .54	EF =
	Fuel Oil	EF = .54	EF = EXISTING

* See Table 6-3, 6-7

TABLE 6C-2: PRESCRIPTIVE REQUIREMENTS FOR GLASS AREAS IN ADDITIONS ONLY

Maximum percentage glass to floor area allowed is selected by type, overhang length, and solar heat gain coefficient. Maximum% = Installed % = 7%

GLASS TYPE, OVERHANG, AND SOLAR HEAT GAIN COEFFICIENT REQUIRED FOR GLASS PERCENTAGE ALLOWED

UP TO 20%		UP TO 30%		UP TO 40%		UP TO 50%	
Single	Double	Single	Double	Single	Double	Single	Double
OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC
1´- .87 0´- .75	0´- .78	2´- .87 1´- .75 0´- .57	1´- .78 0´- .61	NOT ALLOWED	2´- .78 1´- .61 0´- .44	NOT ALLOWED	3´- .78 2´- .61 1´- .44 0´- .35

Get certified SHGC from the manufacturer or use defaults: Single clear SHGC = .87, double clear SHGC = .78, and single tint SHGC = .75

TABLE 6C-3 MINIMUM REQUIREMENTS FOR ALL PACKAGES

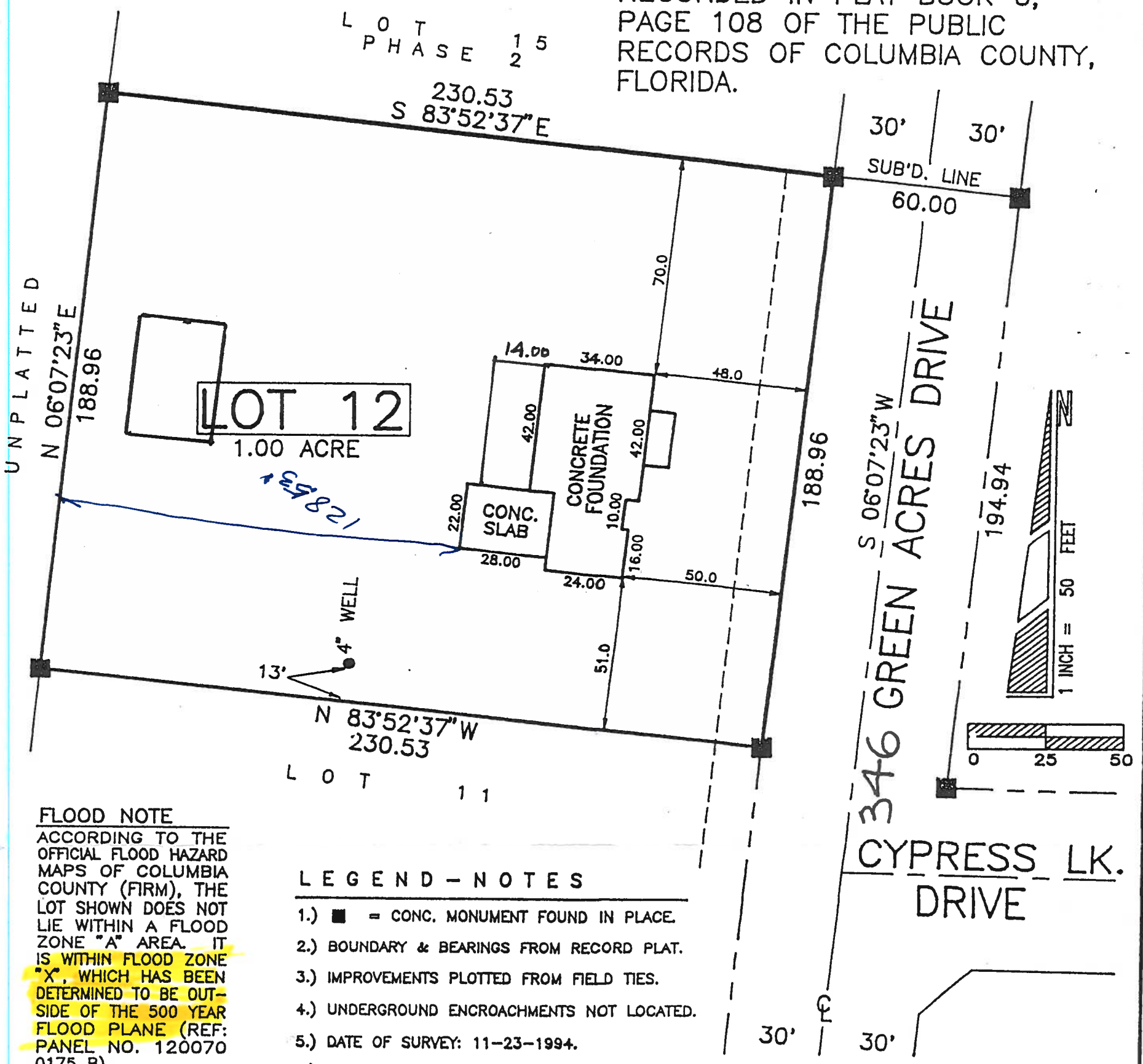
COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	✓
Exterior Windows & Doors	606.1	Max. 0.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	✓
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	✓
Multi-story Houses	606.1	Air barrier on perimeter of floor cavity between floors.	NA
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	NA
Combustion Heating	606.1	Combustion space and water heating systems must be provided with outside combustion air, except for direct vent appliances.	NA
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	N/A
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 minimum thermal efficiency of 78%.	N/A
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units).	N/A
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	N/A
HVAC Duct Construction, Insulation & Installation	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 610.1. Ducts in attics must be insulated to a minimum of R-6.	✓
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	✓

GENERAL DIRECTIONS:

1. On Table 6C-1 indicate the R-value of the insulation being added to each component and the efficiency levels of the equipment being installed. All R-values and efficiencies installed must meet or exceed the minimum values listed. Components and equipment neither being added nor renovated may be left blank.
2. ADDITIONS ONLY. Determine the percentage of new glass to conditioned floor area in the addition as follows. Total the areas of all glass windows, sliding glass doors and glass door panels. Double the area of all non-vertical roof glass and add it to the previous total. When glass in existing exterior walls is being removed or enclosed by the addition, an amount equal to the total area of this glass may be subtracted from the total glass area. Divide the adjusted glass area total by the conditioned floor area of the addition. Multiply by 100 to get the percent. Find the largest glass percentage under which your calculated percentage falls on Table 6C-2. Prescriptives are given by the type of glass (Single or Double pane) and the overhang (OH) paired with a solar heat gain coefficient (SHGC). For a given glass type and overhang, the minimum solar heat gain coefficient allowed is specified. Actual glass windows and doors previously in the exterior walls of the house and being reinstalled in the addition do not have to comply with the overhang and solar heat gain coefficient requirements on Table 6C-2. All new glass in the addition must meet the requirement for one of the options in the glass percentage category you indicated. The overhang (OH) distance is measured perpendicularly from the face of the glass to a point directly under the outermost edge of the overhang.
3. RENOVATIONS ONLY. Replacement glass needs to meet the following requirements. Any glass type and solar heat gain coefficient may be used for glass areas which are under at least a two foot overhang and whose lowest edge does not extend further than 8 feet from the overhang. Glass areas being renovated that do not meet this criteria must be either single-pane tinted, double-pane clear or double-pane tinted.
4. BUILDING SYSTEMS. Comply when new system is installed for system installed.
5. Complete the information requested on the top half of page 1.
6. Read "Minimum Requirements for Small Additions and Renovations", Table 6C-3, and check all applicable items.
7. Read, sign and date the "Owner/Agent" certification statement on page 1

BOUNDARY SURVEY

LOT NO. 12 OF "CYPRESS LAKE PHASE 4", A SUBDIVISION AS RECORDED IN PLAT BOOK 6, PAGE 108 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.



FLOOD NOTE

ACCORDING TO THE OFFICIAL FLOOD HAZARD MAPS OF COLUMBIA COUNTY (FIRM), THE LOT SHOWN DOES NOT LIE WITHIN A FLOOD ZONE "A" AREA. IT IS WITHIN FLOOD ZONE "X", WHICH HAS BEEN DETERMINED TO BE OUT-SIDE OF THE 500 YEAR FLOOD PLANE (REF: PANEL NO. 120070 0175 B).

LEGEND - NOTES

1.) ■ = CONC. MONUMENT FOUND IN PLACE.
2.) BOUNDARY & BEARINGS FROM RECORD PLAT.
3.) IMPROVEMENTS PLOTTED FROM FIELD TIES.
4.) UNDERGROUND ENCROACHMENTS NOT LOCATED.
5.) DATE OF SURVEY: 11-23-1994.
6.) REVISED TO SHOW FOUNDATION: 11-23-1984.

CERTIFICATION

CERTIFIED TO: LEO J. GIELAS, JR. , MARY ANN GIELAS, AND FIRST RAILROAD COMMUNITY FEDERAL CREDIT UNION

I HEREBY CERTIFY that this Survey complies with the Minimum Technical Standards for Land Surveying as set forth by the Florida Board of Professional Land Surveyors, pursuant to Section 472.027, Florida Statutes.

SIGNED: _____ DATE: 11/23/1994
Donald F. Lee, P.L.S.
Florida Reg. No. 3628

NOT VALID UNLESS SIGNED AND EMBOSSED WITH SURVEYOR'S SEAL