DATE 01/26/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000024083

APPLICANT DREW TAYLOR PHONE 352-208-8821

ADDRESS 6913 SW HWY 200 OCALA FL 34449

OWNER PARK & NANCY SCHIMP PHONE 386-454-0668

ADDRESS 389 SW LEGACY GLEN LAKE CITY FL 32025

CONTRACTOR JOHN WHITTAKER PHONE 352-873-1343

LOCATION OF PROPERTY 47 S, R LEGACY GLEN, AT END ON THE RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 122650.00

HEATED FLOOR AREA 2453.00 TOTAL AREA 3296.00 HEIGHT 18.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

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 18-4S-17-08466-017 SUBDIVISION HERITAGE HILLS

LOT 7 BLOCK PHASE 1 UNIT TOTAL ACRES 1.01

		CGC011962	Andrew C. Turner
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor

PRIVATE ROAD	05-1250-N	BK	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 000177

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 $ 615.00 CERTIFICATION FEE $ 16.48 SURCHARGE FEE $ 16.48

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** 722.96

INSPECTORS OFFICE LH 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.

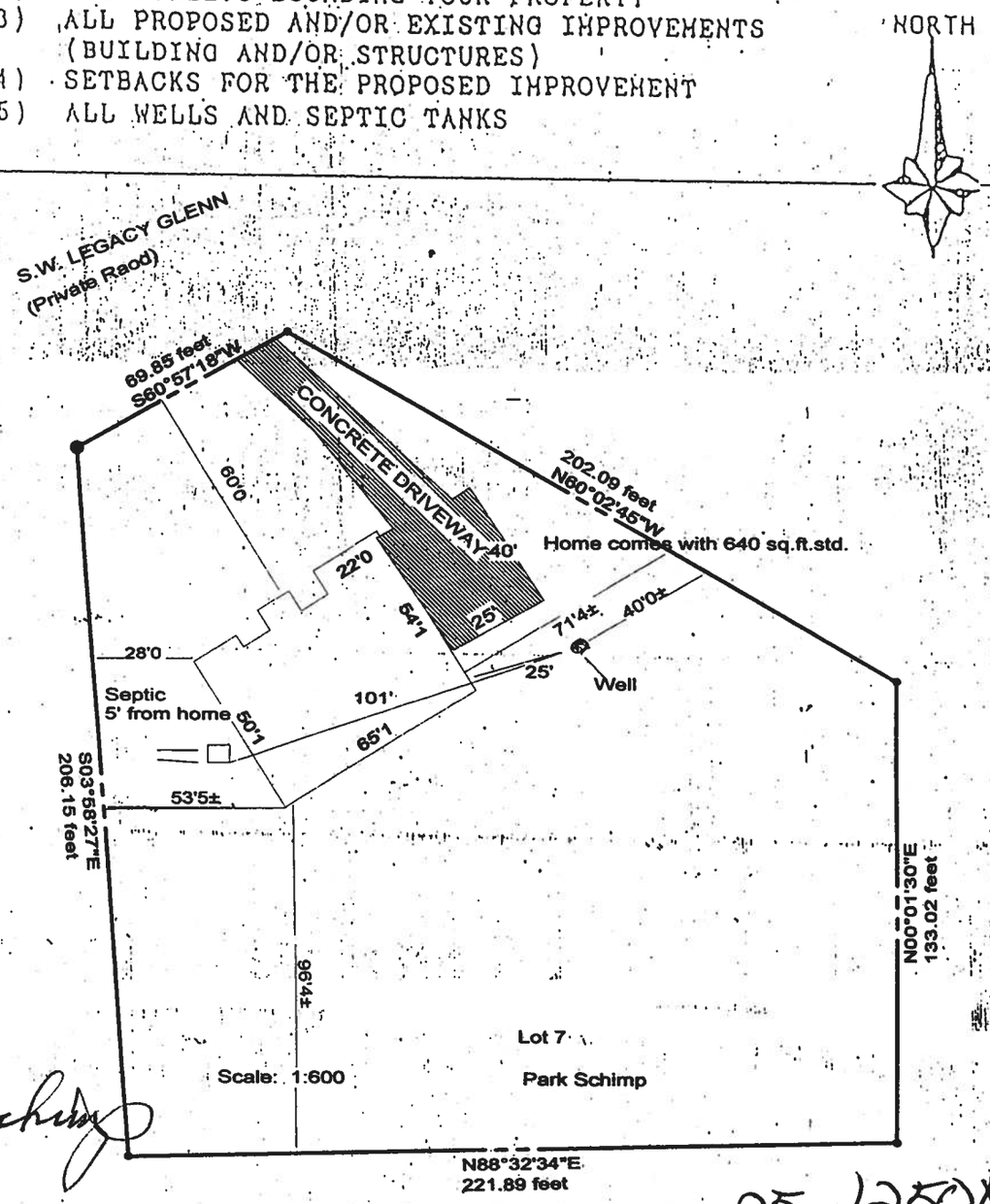
The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

05-1250N

ROUTING SLIP - SITE PLAN

NOTE: *PLEASE ACCURATELY SHOW AND LOCATE THE FOLLOWING:*

(1) SIZE OF PROPERTY
(2) ALL STREETS BOUNDING YOUR PROPERTY
(3) ALL PROPOSED AND/OR EXISTING IMPROVEMENTS (BUILDING AND/OR STRUCTURES)
(4) SETBACKS FOR THE PROPOSED IMPROVEMENT
(5) ALL WELLS AND SEPTIC TANKS



Park Schimp

12/18/2005

05-1250N

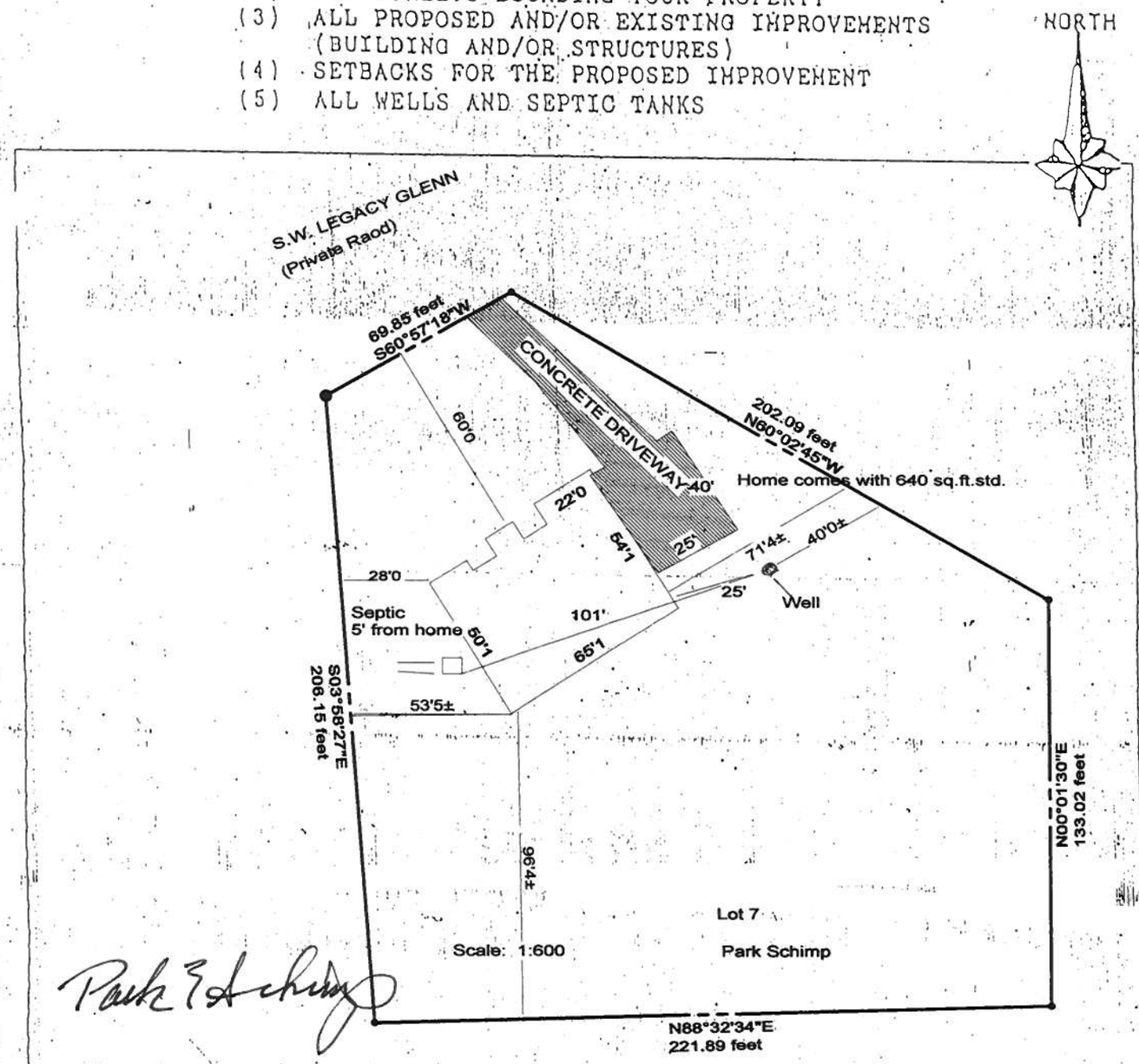
approved
12-19-06

THE ZONING DIVISION CAN NOT APPROVE YOUR ROUTING SLIP WITHOUT THE ABOVE INFORMATION ACCURATELY SUPPLIED. *INCOMPLETE SITE PLAN WILL RESULT IN DELAYS.*

ROUTING SLIP - SITE PLAN

NOTE: *PLEASE ACCURATELY SHOW AND LOCATE THE FOLLOWING:*

(1) SIZE OF PROPERTY
(2) ALL STREETS BOUNDING YOUR PROPERTY
(3) ALL PROPOSED AND/OR EXISTING IMPROVEMENTS (BUILDING AND/OR STRUCTURES)
(4) SETBACKS FOR THE PROPOSED IMPROVEMENT
(5) ALL WELLS AND SEPTIC TANKS



Park Schimp

PID # 08466-003

Directions to property:
State Road 47 South, TR. ON Legacy Glen, at end on right.

THE ZONING DIVISION CAN NOT APPROVE YOUR ROUTING SLIP WITHOUT THE ABOVE INFORMATION ACCURATELY SUPPLIED. *INCOMPLETE SITE PLAN WILL RESULT IN DELAYS.*

This Instrument Prepared by & return to:
Name: *Chris Travis, an employee of TITLE OFFICES, LLC*
Address: *1089 SW MAIN BLVD. LAKE CITY, FLORIDA 32025*
File No. 05Y-04097CT

Inst:2005009918 Date:04/29/2005 Time:11:38
Doc Stamp-Deed : 287.00
MK DC,P.DeWitt Cason,Columbia County B:1044 P:1876

Parcel I.D #: ***08466-003***

SPACE ABOVE THIS LINE FOR PROCESSING DATA | *SPACE ABOVE THIS LINE FOR RECORDING DATA*

THIS WARRANTY DEED *Made the* ***26th*** *day of* ***April****, A.D.* ***2005****, by* ***WAYNE T. HUDSON****, A MARRIED MAN, and* ***GOLDIE K. HUDSON****, HIS WIFE, hereinafter called the grantors, to* ***PARK E. SCHIMP****, A MARRIED MAN, and* ***NANCY B. SCHIMP****, HIS WIFE, whose post office address is* ***910 NW 1ST ST, HIGH SPRINGS, FL 32643****, hereinafter called the grantees:*

(Wherever used herein the terms "grantors" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: *That the grantors, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in* ***Columbia County, State of FLORIDA****, viz:*

Lot 7, HERITAGE HILLS, Phase 1, according to the map or plat thereof as recorded in Plat Book 7, Page 143-144, of the Public Records of Columbia County, FLORIDA.

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 grantors hereby covenant with said grantees that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant 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, 2004.*

In Witness Whereof, *the said grantors have signed and sealed these presents, the day and year first above written.*

Signed, sealed and delivered in the presence of:

Martha Bryan
Witness Signature
MARTHA BRYAN
Printed Name

Regina Simpkins
Witness Signature
Regina Simpkins
Printed Name

Wayne T. Hudson L.S.
WAYNE T. HUDSON
Address:
PO BOX 2273, LAKE CITY, FL 32056

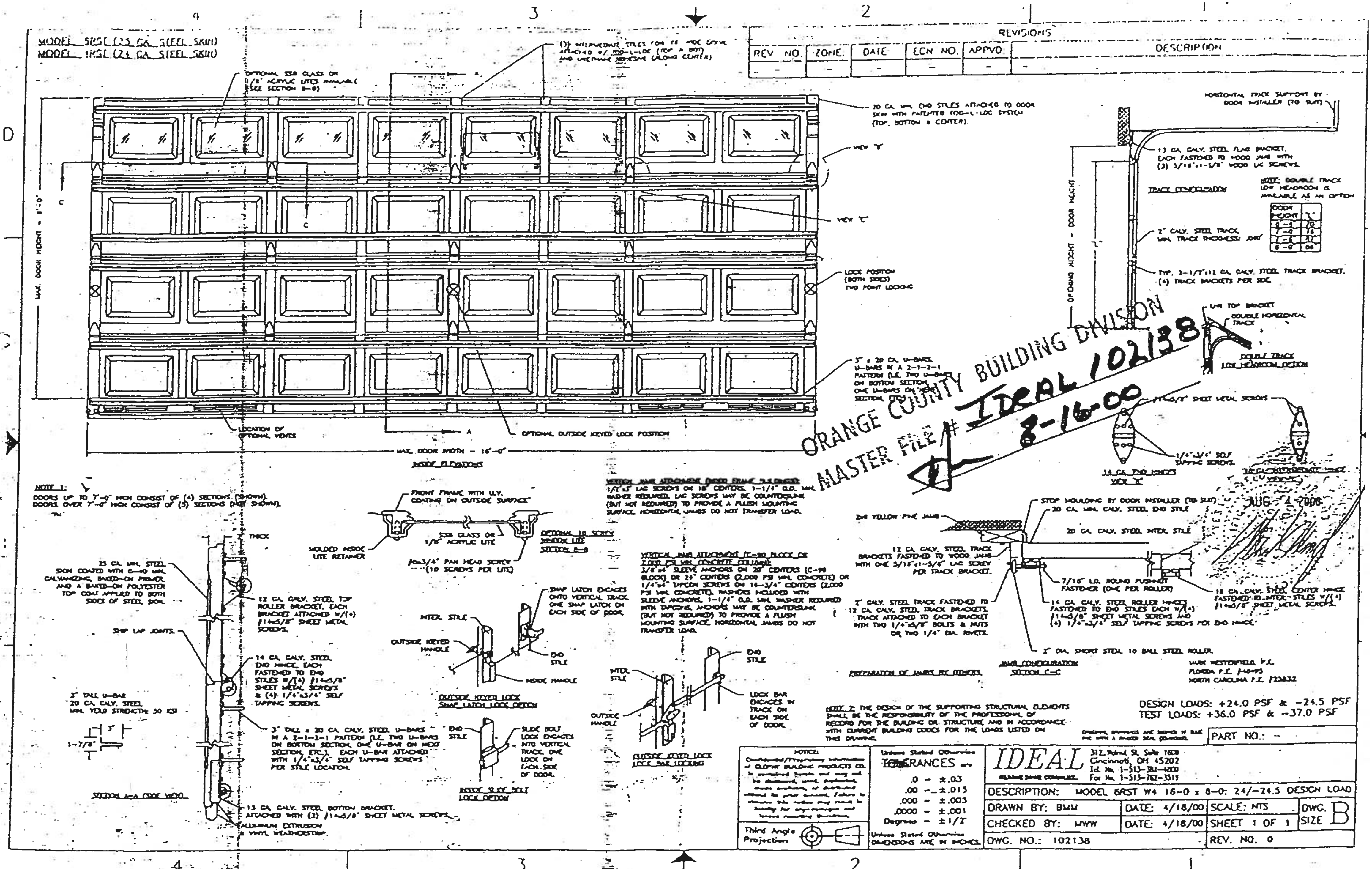
Goldie K. Hudson
GOLDIE K. HUDSON
Address:
PO BOX 2273, LAKE CITY, FL 32056

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this ***26th*** *day of* ***April, 2005****, by* ***WAYNE T. HUDSON and GOLDIE K. HUDSON****, who are known to me or who have produced* Dr. License *as identification.*

Martha Bryan
Notary Public
My commission expires _____

Martha Bryan
Commission # DD232534
Expires August 10, 2007
Bonded Troy Fain - Insurance, Inc. 800-385-7019


MODEL 5GST (25 GA. STEEL SKIN)
MODEL 1GST (24 GA. STEEL SKIN)
REVISIONS
REV NO. | ZONE | DATE | ECN NO. | APPVD | DESCRIPTION
INSIDE ELEVATIONS
MAX. DOOR WIDTH - 16'-0"
MAX. DOOR HEIGHT - 8'-0"
OPTIONAL OUTSIDE KEYED LOCK POSITION
LOCATION OF OPTIONAL VENTS
LOCK POSITION (BOTH SIDES) TWO POINT LOCKING
TRACK CONFIGURATION
DOUBLE TRACK LOW HEADROOM OPTION
14 GA. END HINGES VIEW "B"
JAMB CONFIGURATION SECTION C-C
PREPARATION OF JAMBS BY OTHERS
SECTION A-A (SIDE VIEW)
OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION
INSIDE SLIDE BOLT LOCK OPTION
OUTSIDE KEYED LOCK LOCK BAR LOCKING
ORANGE COUNTY BUILDING DIVISION
MASTER FILE # IDEAL 102138
8-16-00
AUG - 4 2000
DESIGN LOADS: +24.0 PSF & -24.5 PSF
TEST LOADS: +36.0 PSF & -37.0 PSF
IDEAL
312 Walnut St. Suite 1600
Cincinnati, OH 45202
TOLERANCES
.0 - ±.03
.00 - ±.015
.000 - ±.005
.0000 - ±.001
Degrees - ±1/2°
Third Angle Projection
PART NO.: -
DESCRIPTION: MODEL 5RST W4 16-0 x 8-0: 24/-24.5 DESIGN LOAD
DRAWN BY: BMM
DATE: 4/18/00
SCALE: NTS
CHECKED BY: WWW
DATE: 4/18/00
SHEET 1 OF 1
DWG. SIZE B
DWG. NO.: 102138
REV. NO. 0

1 #4 110 MPH

Spoke to Drew - 1-23-06

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0512-60 Date Received 12/27/05 By GT Permit # [illegible] 24083

Application Approved by - Zoning Official BLK Date 30.12.05 Plans Examiner OKJH Date 1-20-06

Flood Zone X PW Development Permit N/A Zoning RSF-1 Land Use Plan Map Category RES. V.L. DEN.

Comments [illegible] address

Dawn S. Whelan / Sales Rep. DREW TURNER (352) 308-8821

Applicants Name HOMES By Whittaker, Inc. Phone (352) 873-1343

Address 6913 SW Hwy 200, Ocala, FL 34449 FAX 352-687-9001

Owners Name Park + Nancy Schimp Phone (386) 454-0668

911 Address ~~389~~ 389 SW Legacy Glen, Lake City, FL 32025

Contractors Name John Whittaker / Homes By Whittaker, Inc. Phone (352) 873-1343

Address 6913 SW Hwy 200, Ocala, FL 34449

Fee Simple Owner Name & Address

Bonding Co. Name & Address —

Architect/Engineer Name & Address N/A

Mortgage Lenders Name & Address Suntrust Mortgage - 411 N.M. Street, Gainesville, FL 32601

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

Property ID Number 08466-~~000~~ 017 - 18-4-17 Estimated Cost of Construction $300,000.00

Subdivision Name Heritage Hills, Phase I Lot 7 Block — Unit — Phase 1

Driving Directions State Road 47 South, TR on Legacy Glen - at end on Right.

S-18 Twp 4S - Rg 17E

Type of Construction Single Family New Cons. Number of Existing Dwellings on Property 0

Total Acreage 1.01 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Private Road

Actual Distance of Structure from Property Lines - Front 60' Side 28' Side 71'4" Rear 96'4"

Total Building Height _____ Number of Stories 1 Heated Floor Area 2453 Roof Pitch 6/12

Porch 302 GARAGE 541 TOTAL 3296

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.

Nancy Schimp
Park Schimp
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 23 day of Dec. 2005.

Personally known X or Produced Identification ____

John Whittaker
Contractor Signature
Contractors License Number CGC011962
Competency Card Number _____
NOTARY STAMP/SEAL

Paula Olsen
Notary Signature

PAULA E. OLSEN
MY COMMISSION # DD466698
EXPIRES: Aug. 29, 2009
Florida Notary Service.com
(407) 398-0153

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-1250

PART II - SITE PLAN

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

See Attached

Notes: _____

Site Plan submitted by: Andrew C. Turner (Signature) Agent (Title)

Plan Approved ✓ Not Approved _____ Date 12/19/05 12/13/05

By _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
Stock Number: 5744-002-4015-6)

Cons. office Copy

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. _____
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____

APPLICATION FOR:
[✓] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: Schimp, Park

AGENT: Homes By Whittaker, Inc - John A. Whittaker, TELEPHONE: 352-873-1

MAILING ADDRESS: P.O. Box 771149, Ocala, Fl 34477

==========

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUC
BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES.

==========

PROPERTY INFORMATION

LOT: 7 BLOCK: _____ SUBDIVISION: Heritage Hills Phase 1 PLATTED: _____

PROPERTY ID #: 18-45-17-08466-017 ZONING: _____ I/M OR EQUIVALENT: [Y / N

PROPERY SIZE: 1.0 ACRES WATER SUPPLY: [✓] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000G

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / N] DISTANCE TO SEWER: _____

PROPERTY ADDRESS: TBD SW Legacy Glen

DIRECTIONS TO PROPERTY: State Road 47 South, TR on Legacy Glen, at end on Right.

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	House	4	2500	
2				
3				
4				

[ ] Floor/Equipment Drains [ ] Other (Specify) _____

SIGNATURE: John A Whittaker DATE: 12-12-05

STATE OF FLORIDA

DATE PAID: _____

COPY

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
ONSITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT # _____
DATE PAID _____
FEE PAID $ _____
RECEIPT # _____
CR # 05-3195

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Temporary/Experimental Sys
[ ] Repair [ ] Abandonment [ ] Other(Specify) _____

APPLICANT: PARK SCHIMP TELEPHONE: 386-454-0668

AGENT: _____

MAILING ADDRESS: 910 NW 1ST STREET CITY: HIGH SPRINGS STATE: FL ZIP: 32643

==========

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SC
SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE.

==========

PROPERTY INFORMATION [IF LOT IS NOT IN A RECORDED SUBDIVISION, ATTACH LEGAL DESCRIPTION OR DE

LOT: 7 BLOCK: _____ SUBDIVISION: HERITAGE HILLS PHASE 1 DATESUBD: _____

PROPERTY ID #: 18-4S-17-08466-017 [Section/Township/Range/Parcel] ZONING: _____

PROPERTY SIZE: 1.0 ACRES [Sqft/43560] PROPERTY WATER SUPPLY: [X] PRIVATE [ ] PUB

PROPERTY STREET ADDRESS: SW LEGACY GLEN

DIRECTIONS TO PROPERTY: STATE ROAD 47 SOUTH, TR ON LEGACY GLEN, AT END ON RIGHT

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	HOUSE	4	2500	4	
2					
3					
4					

[N] Garbage Grinders/Disposals [N] Spas/Hot Tubs [N] Floor/Equipment Drai
[N] Ultra-low Volume Flush Toilets [N] Other (Specify) _____

APPLICANT'S SIGNATURE: Park E Schimp DATE: 12·12·05

HRS-H Form 4015 March 1992 (Obsoletes Previous Editions Which May Not Be Used) Page 1 of

PA1

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
ONSITE SEWAGE DISPOSAL SYSTEM
SITE EVALUATION AND SYSTEM SPECIFICATIONS

PERMIT #
CR # 05-3195

APPLICANT: PARK SCHIMP AGENT:

LOT: 7 BLOCK: SUBDIVISION: HERITAGE HILLS PHASE 1

PROPERTY ID #: 18-4S-17-08466-017 [SECTION/TOWNSHIP/RANGE/PARCEL NO. OR TAX ID NU

TO BE COMPLETED BY ENGINEER, HEALTH UNIT EMPLOYEE OR OTHER QUALIFIED PERSON. ENGINEER'S
PROVIDE REGISTRATION NO. AND SIGN AND SEAL EACH PAGE OF SUBMITTAL. COMPLETE ALL ITEMS.

PROPERTY SIZE CONFORMS TO SITE PLAN: [X] YES [ ] NO NET USABLE AREA AVAILABLE: 1.0
TOTAL ESTIMATED SEWAGE FLOW: 400 GALLONS PER DAY [RESIDENCES-TABLE-1 / OTHER-TABI
AUTHORIZED SEWAGE FLOW: 1,500 GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]
UNOBSTRUCTED AREA AVAILABLE: > 2000 SQFT UNOBSTRUCTED AREA REQUIRED: 888

BENCHMARK/REFERENCE POINT LOCATION: 28" OAK TREE SOUTH OF SYSTEM SITE
ELEVATION OF PROPOSED SYSTEM SITE IS 24 INCHES [BELOW] BENCHMARK/REFERENCE PO

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATUR
SURFACE WATER: N/A FT DITCHES/SWALES: 66 FT NORMALLY WET? [ ] YES [X
WELLS: PUBLIC: N/A FT LIMITED USE: N/A FT PRIVATE: 100 FT NON-POTABLE: N/A
BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 20 FT POTABLE WATER LINES: N/A

SITE SUBJECT TO FREQUENT FLOODING: [ ] YES [X] NO 10 YEAR FLOODING? [ ] YES [X]
10 YEAR FLOOD ELEVATION FOR SITE: N/A FT MSL/NGVD SITE ELEVATION: N/A FT MSL/N

SOIL PROFILE INFORMATION SITE 1

Munsell #/Color	Texture	Depth
10YR 4/2	FS	0 to 15
10YR 5/3	FS	15 to 23
10YR 6/2	FS	23 to 36
10YR 7/2	FS	36 to 38
10YR 7/4	LS	38 to 45
10YR 7/4	SL	45 to 56
10YR 7/2	SL	56 to 72
		to
10YR 5/8	CMN/DST	36 to

USDA SOIL SERIES: BLANTON LIKE

SOIL PROFILE INFORMATION SITE 2

Munsell #/Color	Texture	Depth
10YR 4/2	FS	0 to 18
10YR 5/3	FS	18 to 24
10YR 6/2	FS	27 to 36
10YR 7/2	FS	36 to 42
10YR 7/4	LS	42 to 52
10YR 7/2	SL	52 to 72
		to
		to
10YR 5/8	CMN/DST	36 to

USDA SOIL SERIES: BLANTON LIKE

OBSERVED WATER TABLE: >72 INCHES [ABOVE / BELOW] EXISTING GRADE. TYPE: [PERCHED
ESTIMATED WET SEASON WATER TABLE ELEVATION: 36 INCHES [ABOVE / BELOW] EXISTING GRAD
HIGH WATER TABLE VEGETATION: [ ] YES [X] NO MOTTLING: [X] YES [ ] NO DEPTH: 36 INCH

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: FS / 0.90 DEPTH OF EXCAVATION: 0 INCH
DRAINFIELD CONFIGURATION: [X] TRENCH [ ] BED [OTHER (SPECIFY)
REMARKS/ADDITIONAL CRITERIA:
Location: N30°08.476', W082°39.315'

SITE EVALUATED BY: Paul Shea DATE: January 04 1980

HRS-H Form 4015 March 1992 (Obsoletes Previous Editions Which May Not Be Used)

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
ONSITE SEWAGE DISPOSAL SYSTEM
CONSTRUCTION PERMIT
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT # _____
DATE PAID _____
FEE PAID $ _____
RECEIPT # _____
CR # 05-3195

CONSTRUCTION PERMIT FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Temporary/Experimental S
[ ] Repair [ ] Abandonment [ ] Other(Specify) _____

APPLICANT: PARK SCHIMP AGENT: _____

PROPERTY STREET ADDRESS: SW LEGACY GLEN

LOT: 7 BLOCK: _____ SUBDIVISION: HERITAGE HILLS PHASE 1

PROPERTY ID #: 18-4S-17-08466-017 [SECTION/TOWNSHIP/RANGE/PARCEL NO.]
[OR TAX ID NUMBER]

==========

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF CHAPTER 10D-6 REPAIR PERMITS AND HOLDING TANK PERMITS EXPIRE 90 DAYS FROM THE DATE OF ISSUE. ALL OTHER PE EXPIRE 18 MONTHS FROM THE DATE OF ISSUE. HRS APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFA PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS WHICH SERVED AS BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID.

==========

SYSTEM DESIGN AND SPECIFICATIONS

TANK
[1,050] [GALLONS / GPD] SEPTIC TANK CAPACITY MULTI-CHAMBERED/IN SERIE
[ ] [GALLONS / GPD] _____ CAPACITY MULTI-CHAMBERED/IN SERIE
[0] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GAL
[ ] GALLONS PER DOSE DOSING TANK CAPACITY DOSE RATE [N] PER 24 HRS NO. OF PUMPS

DRAINFIELD
[444.4] SQUARE FEET PRIMARY DRAINFIELD SYSTEM
[ ] SQUARE FEET _____ SYSTEM
TYPE SYSTEM: [X] STANDARD [ ] FILLED [ ] MOUND [ ] _____
CONFIGURATION: [X] TRENCH [ ] BED [ ] _____

LOCATION OF BENCHMARK: 28" OAK TREE SOUTH OF SYSTEM SITE
ELEVATION OF PROPOSED SYSTEM SITE IS [24] INCHES BELOW BENCHMARK/REFERENCE POIN
BOTTOM OF DRAINFIELD TO BE [36] INCHES BELOW BENCHMARK/REFERENCE POIN

FILL REQUIRED: [6] INCHES EXCAVATION REQUIRED: [0.0] INCHES

OTHER _____

SPECIFICATIONS BY: Paul Lloyd TITLE: Soil Scientist

APPROVED BY: _____ TITLE: _____ COLUMBIA

DATE ISSUED: _____ EXPIRATION DATE: _____

PRIVATE SOIL EVALUATION ACKNOWLEDGEMENT

Paul Lloyd, Soil Scientist Ph. (904) 752-3571

I hereby acknowledge that **COLUMBIA COUNTY HEALTH UNIT** has no first-hand knowledge of the Soil Characteristics or Seasonal Water Table at this proposed onsite sewage treatment and disposal site (Permit # _____).

They are accepting the written evaluation of the **Approved Private Soil Evaluator** hired by myself or my approved agent(s). The system will be designed in accordance with the Private Evaluator's soil analysis and the information we have provided concerning flow rates, type of facility, and proposed usage.

I understand that a complete and accurate site plan is necessary to show the exact location of all pertinent facilities and features and other items that would affect location of this OSTDS. I also acknowledge that **any deviation** from the exact site plan would require another site evaluation by the private soil evaluator. Any system failure due to the incorrect soil evaluation, site plan or application information is not the responsibility of the COLUMBIA COUNTY PUBLIC HEALTH UNIT.

Signature Paul J Helwig Date 12·12·05
Homeowner / Agent

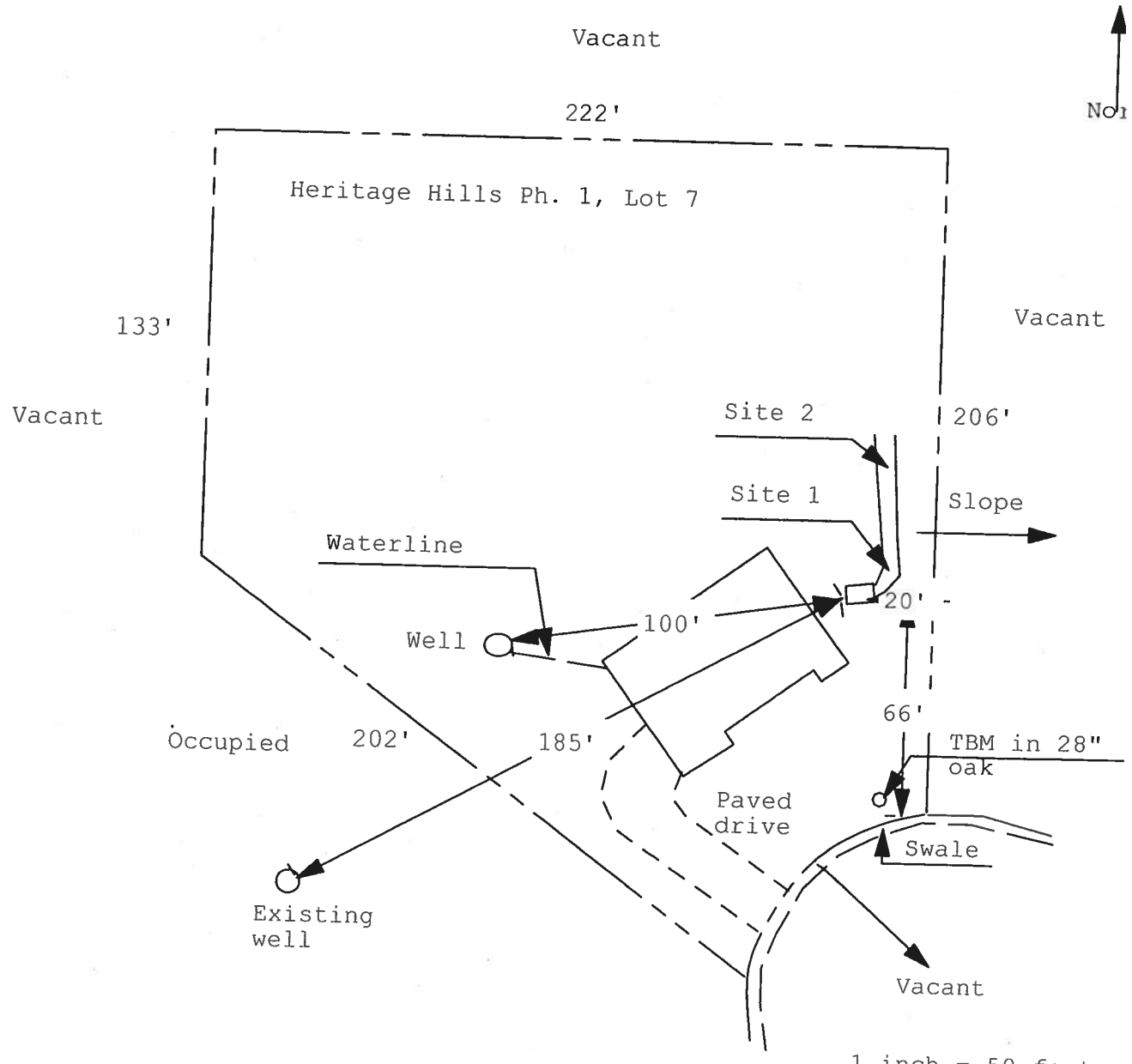
Signature Paul Lloyd Date January 04 1980
Private Soil Evaluator

Control Number 05-3195

Application for Onsite Sewage Disposal Syste
Construction Permit. Part II Site Plan
Permit Application Number: _____

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UN

SCHIMP/CR 05-3195



Site Plan Submitted By _____ Date _____

Plan Approved_____ Not Approved_____ Date _____

By _____ _____ CPHU

Notes: _____

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 in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 08466-003

1. **Description of property: (legal description of the property and street address or 911 address)**
   Lot 7, Heritage Hills, Phase 1
   TBD SW Legacy Glen

2. **General description of improvement:** New Construction, Single Family dwelling

3. **Owner Name & Address** Park + Nancy Schimp
   Interest in Property 100%

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

5. **Contractor Name** John A. Whittaker, Jr / Homes By Whittaker, Inc. **Phone Number** (352) 873-1343
   Address 6913 SW Hwy 200, Ocala, FL 34477

6. **Surety Holders Name** — **Phone Number** —
   Address —
   Amount of Bond —

7. **Lender Name** SunTrust Mortgage **Phone Number** (352) 374-5322
   Address 411 N. Main Street, Gainesville, FL 32601

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 Lienor's 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)** _____

CLERK CIRCUIT COURT COLUMBIA COUNTY FLORIDA

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 _____ Deputy Clerk
Date 12/27/05

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Nancy Schimp
Park Schimp
Signature of Owner

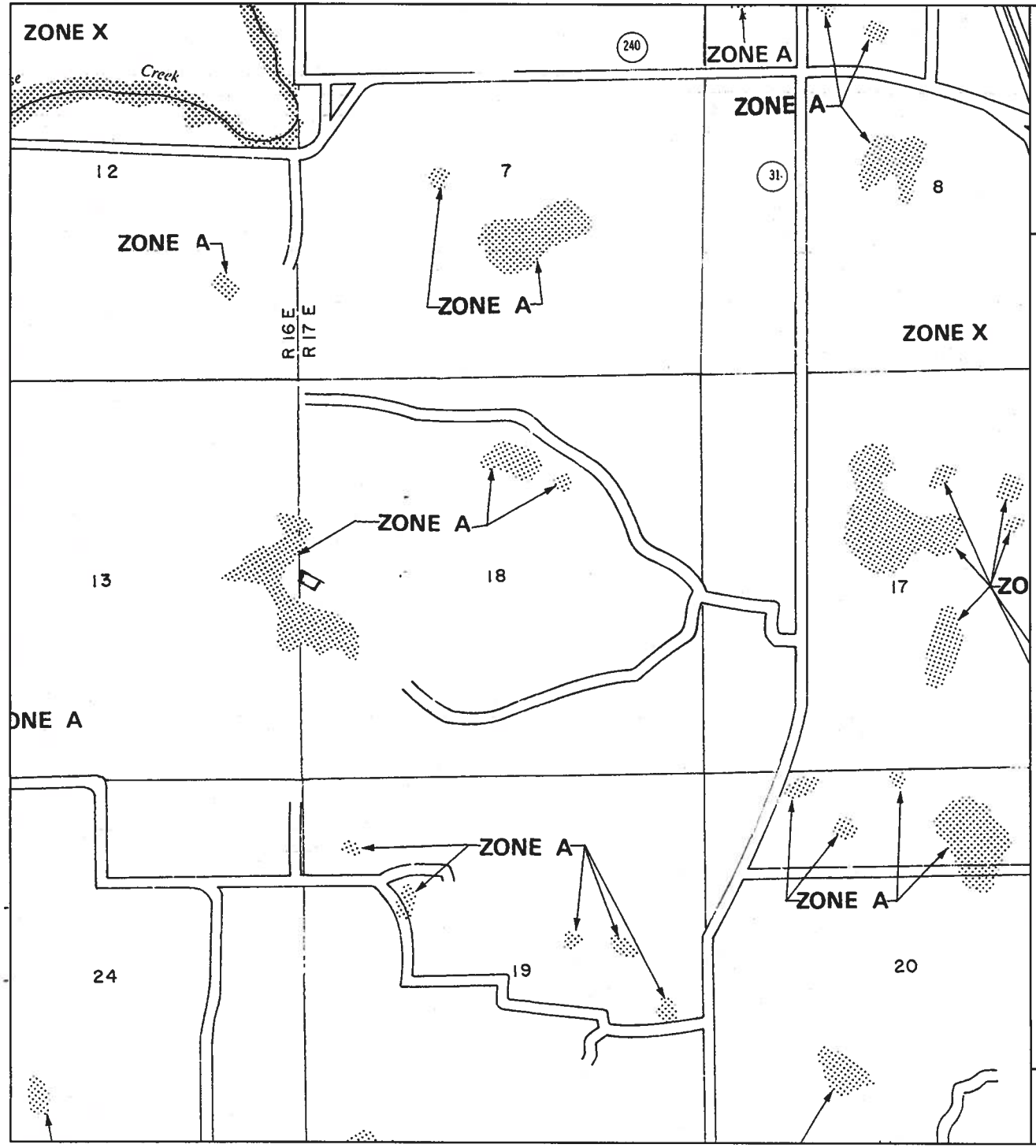
Sworn to (or affirmed) and subscribed before day of Dec. 23, 2005

NOTARY STAMP/SEAL

PAULA E. OLSEN
MY COMMISSION # DD466698
EXPIRES: Aug. 29, 2009
(407) 398-0153 Florida Notary Service.com

Paula Olsen
Signature of Notary

Inst:2005031994 Date:12/27/2005 Time:14:01
DC,P.DeWitt Cason,Columbia County B:1069 P:1015



N

APPROXIMATE SCALE IN FEET

2000 0 2000

NATIONAL FLOOD INSURANCE PROGRAM

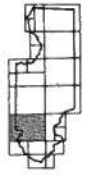
FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 225 OF 290

PANEL LOCATION



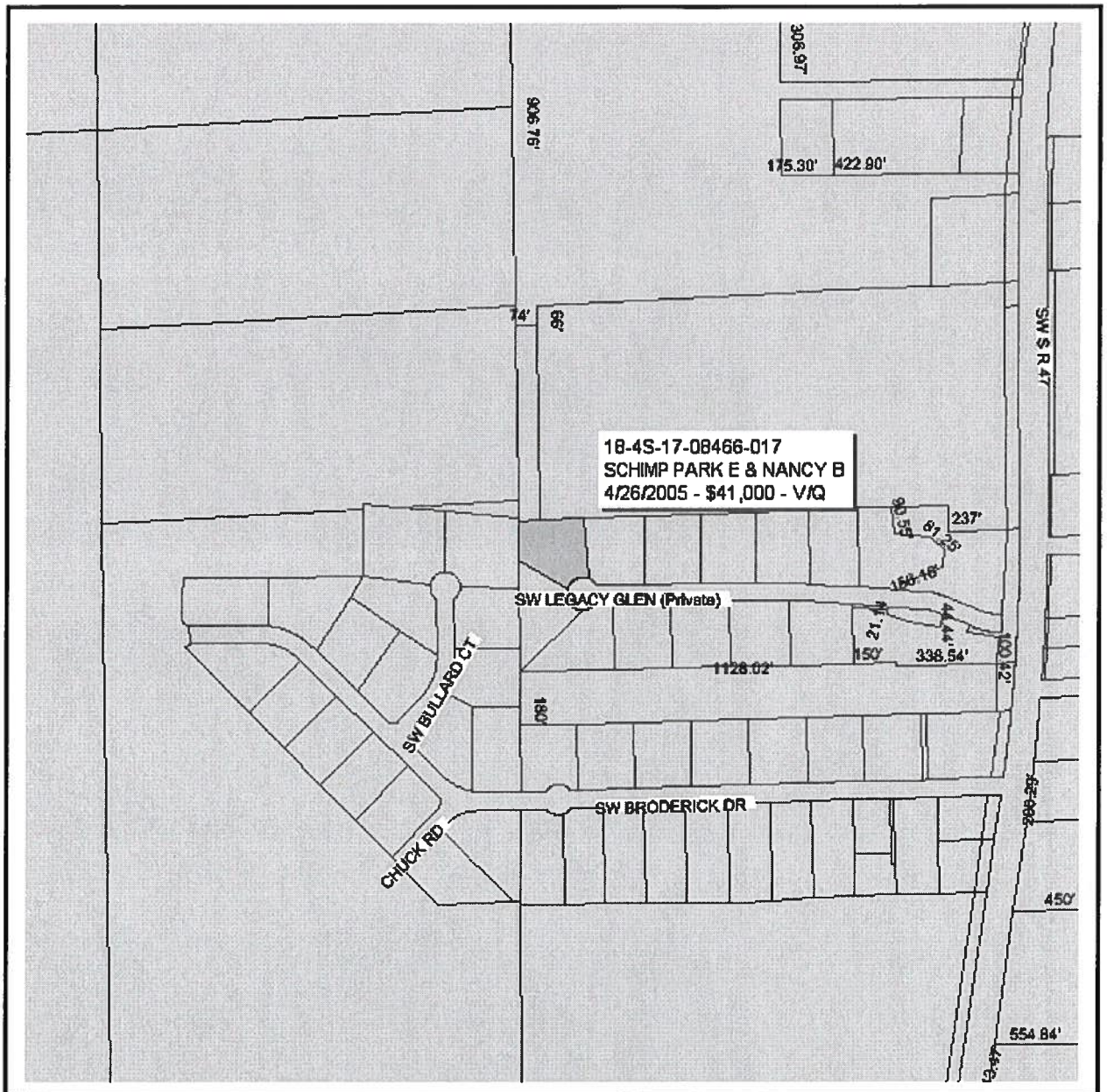
COMMUNITY-PANEL NUMBER
120070 0225 B

EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Futher information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/mit/tsd.

Print Date: 12/28/2005 (printed at scale and type A)



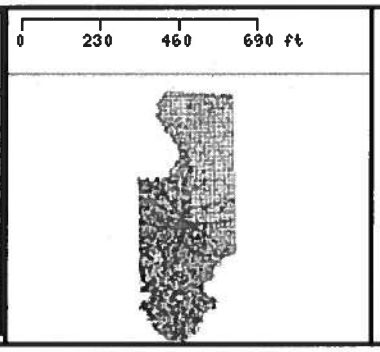
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 18-4S-17-08466-017 - VACANT (000000)

LOT 7 HERITAGE HILLS PHASE 1. WD 1044-1876.

Name:	SCHIMP PARK E & NANCY B	LandVal	$30,000.00
Site:	LEGACY	BldgVal	$0.00
Mail:	910 NW 1ST ST HIGH SPRINGS, FL 32643	ApprVal	$30,000.00
		JustVal	$30,000.00
Sales Info	4/26/2005 $41,000.00 V / Q	Assd	$30,000.00
		Exmpt	$0.00
		Taxable	$30,000.00



FORM 600A-2004

EnergyGauge® 4

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	ScHIMP RES. #2046	Builder:	HOMES BY WHITTAKE
Address:		Permitting Office:	
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	North		

1. New construction or existing	New		
2. Single family or multi-family	Single family		
3. Number of units, if multi-family	1		
4. Number of Bedrooms	4		
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	2453 ft²		
7. Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 347.0 ft²		
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 347.0 ft²		
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 253.0(p) ft		
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Adjacent	R=11.0, 192.0 ft²		
b. Concrete, Ext Insul, Exterior	R=4.1, 1415.0 ft²		
c. Concrete, Int Insul, Adjacent	R=4.1, 140.0 ft²		
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2453.0 ft²		
b. Under Attic	R=30.0, 286.0 ft²		
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 148.0 ft		
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 60.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 60.0 kBtu/hr	
	HSPF: 8.50	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 52.0 gallons	
	EF: 0.90	
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.14

Total as-built points: 33782

Total base points: 36656

PASS

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

PREPARED BY: SUNCOAST INSULATORS Ocala (352) 629-8157 Newberry (352) 472-8595 Citrus County (352) 795-2559 Fax (352) 543-7989

DATE: 12/22/05

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

OWNER/AGENT: Dawn S. Whelan

DATE: 12-22-05

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.

FORM 600A-2004

EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	ScHIMP RES. #2046	Builder:	HOMES BY WHITTAKER
Address:		Permitting Office:	
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 60.0 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?	Yes	c. N A	
6. Conditioned floor area (ft²)	2453 ft²		
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: 60.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 347.0 ft²		HSPF: 8.50
b. SHGC:		b. N A	
(or Clear or Tint DEFAULT)	7b. (Clear) 347.0 ft²	c. N A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 253.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 52.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Adjacent	R=11.0, 192.0 ft²		
b. Concrete, Ext Insul, Exterior	R=4.1, 1415.0 ft²	c. Conservation credits	
c. Concrete, Int Insul, Adjacent	R=4.1, 140.0 ft²	(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 2453.0 ft²	HF-Whole house fan,	
b. Under Attic	R=30.0, 286.0 ft²	PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 148.0 ft		
b. N/A			

Glass/Floor Area: 0.14	Total as-built points: 33782 Total base points: 36656	PASS

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

PREPARED BY: SUNCOAST INSULATORS Ocala (352) 629-8157 Newberry (352) 472-8695 Lake Butler (386) 496-2559 Trenton (352) 463-7699

DATE: 12/22/05

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

FORM 600A-2004

EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	2453.0	20.04	8848.5	Double, Clear	S	2.0	6.0	10.0	35.87	0.78	278.3
				Double, Clear	W	2.0	6.0	90.0	38.52	0.85	2945.0
				Double, Clear	E	2.0	6.0	65.0	42.06	0.85	2318.6
				Double, Clear	E	2.0	6.0	100.0	42.06	0.85	3567.1
				Double, Clear	N	2.0	6.0	82.0	19.20	0.90	1417.1
				As-Built Total:				**347.0**			**10526.1**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	332.0	0.70	232.4	Frame, Wood, Adjacent			11.0	192.0	0.70		134.4
Exterior	1415.0	1.70	2405.5	Concrete, Ext Insul, Exterior			4.1	1415.0	0.63		898.5
				Concrete, Int Insul, Adjacent			4.1	140.0	0.75		104.3
Base Total:	**1747.0**		**2637.9**	**As-Built Total:**				**1747.0**			**1137.2**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	18.0	2.40	43.2	Exterior Insulated				74.0	4.10		303.4
Exterior	74.0	6.10	451.4	Adjacent Insulated				18.0	1.60		28.8
Base Total:	**92.0**		**494.6**	**As-Built Total:**				**92.0**			**332.2**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	2739.0	1.73	4738.5	Under Attic			30.0	2453.0	1.73 X 1.00		4243.7
				Under Attic			30.0	286.0	1.73 X 1.00		494.8
Base Total:	**2739.0**		**4738.5**	**As-Built Total:**				**2739.0**			**4738.5**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	253.0(p)	-37.0	-9361.0	Slab-On-Grade Edge Insulation			0.0	253.0(p	-41.20		-10423.6
Raised	0.0	0.00	0.0								
Base Total:			**-9361.0**	**As-Built Total:**				**253.0**			**-10423.6**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	2453.0	10.21	25045.1					2453.0	10.21		25045.1

FORM 600A-2004

EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 32403.6			**Summer As-Built Points: 31355.6**					
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 60000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)					
32403.6	0.4266	13823.4	31356 **31355.6**	1.00 **1.00**	(1.09 x 1.147 x 1.00) **1.250**	0.263 **0.263**	1.000 **1.000**	10291.9 **10291.9**

FORM 600A-2004

EnergyGauge® 4.

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE

GLASS TYPES

.18 X Conditioned Floor Area	X BWPM	= Points
.18 2453.0	12.74	5625.2

WALL TYPES	Area X	BWPM	= Points
Adjacent	332.0	3.60	1195.2
Exterior	1415.0	3.70	5235.5
Base Total:	1747.0		6430.7

DOOR TYPES	Area X	BWPM	= Points
Adjacent	18.0	11.50	207.0
Exterior	74.0	12.30	910.2
Base Total:	92.0		1117.2

CEILING TYPES	Area X	BWPM	= Points
Under Attic	2739.0	2.05	5614.9
Base Total:	2739.0		5614.9

FLOOR TYPES	Area X	BWPM	= Points
Slab	253.0(p)	8.9	2251.7
Raised	0.0	0.00	0.0
Base Total:			2251.7

INFILTRATION	Area X	BWPM	= Points
	2453.0	-0.59	-1447.3

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF = Point
Double, Clear	S	2.0	6.0	10.0	13.30	1.26 167.3
Double, Clear	W	2.0	6.0	90.0	20.73	1.04 1945.2
Double, Clear	E	2.0	6.0	65.0	18.79	1.06 1295.5
Double, Clear	E	2.0	6.0	100.0	18.79	1.06 1993.1
Double, Clear	N	2.0	6.0	82.0	24.58	1.00 2024.8
As-Built Total:				347.0		7426.0

Type	R-Value	Area X	WPM	= Points
Frame, Wood, Adjacent	11.0	192.0	3.60	691.2
Concrete, Ext Insul, Exterior	4.1	1415.0	4.89	6912.3
Concrete, Int Insul, Adjacent	4.1	140.0	4.61	644.7
As-Built Total:		1747.0		8248.2

Type	Area X	WPM	= Points
Exterior Insulated	74.0	8.40	621.6
Adjacent Insulated	18.0	8.00	144.0
As-Built Total:	92.0		765.6

Type	R-Value	Area X	WPM X WCM =	Points
Under Attic	30.0	2453.0	2.05 X 1.00	5028.6
Under Attic	30.0	286.0	2.05 X 1.00	586.3
As-Built Total:		2739.0		5614.9

Type	R-Value	Area X	WPM	= Points
Slab-On-Grade Edge Insulation	0.0	253.0(p	18.80	4756.4
As-Built Total:		253.0		4756.4

	Area X	WPM	= Points
	2453.0	-0.59	-1447.3

FORM 600A-2004

EnergyGauge® 4.

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**19592.5**	**Winter As-Built Points:**					**25363.8**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 60000 btuh ,EFF(8.5) Ducts:Unc(S),Unc(R),Gar(AH),R6.0					
19592.5	0.6274	12292.3	25363.8	1.000	(1.069 x 1.169 x 1.00)	0.401	1.000	12715.8
			25363.8	**1.00**	**1.250**	**0.401**	**1.000**	**12715.8**

FORM 600A-2004

EnergyGauge® 4.(

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4		2635.00	10540.0	52.0	0.90	4	1.00	2693.56	1.00	10774.2	
				As-Built Total:						10774.2	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
13823	12292	10540	36656	10292	12716	10774	33782

PASS

FORM 600A-2004

EnergyGauge® 4.0

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.7

The higher the score, the more efficient the home.

1.	New construction or existing	New			
2.	Single family or multi-family	Single family			
3.	Number of units, if multi-family	1			
4.	Number of Bedrooms	4			
5.	Is this a worst case?	Yes			
6.	Conditioned floor area (ft²)	2453 ft²			
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 347.0 ft²			
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 347.0 ft²			
8.	Floor types				
a.	Slab-On-Grade Edge Insulation	R=0.0, 253.0(p) ft			
b.	N/A				
c.	N/A				
9.	Wall types				
a.	Frame, Wood, Adjacent	R=11.0, 192.0 ft²			
b.	Concrete, Ext Insul, Exterior	R=4.1, 1415.0 ft²			
c.	Concrete, Int Insul, Adjacent	R=4.1, 140.0 ft²			
d.	N/A				
e.	N/A				
10.	Ceiling types				
a.	Under Attic	R=30.0, 2453.0 ft²			
b.	Under Attic	R=30.0, 286.0 ft²			
c.	N/A				
11.	Ducts				
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 148.0 ft			
b.	N/A				
12.	Cooling systems				
a.	Central Unit		Cap: 60.0 kBtu/hr		
			SEER: 13.00		
b.	N/A				
c.	N/A				
13.	Heating systems				
a.	Electric Heat Pump		Cap: 60.0 kBtu/hr		
			HSPF: 8.50		
b.	N/A				
c.	N/A				
14.	Hot water systems				
a.	Electric Resistance		Cap: 52.0 gallons		
			EF: 0.90		
b.	N/A				
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)				
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)				

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

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.7
The higher the score, the more efficient the home.

1.	New construction or existing	New		12. Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 60.0 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?	Yes			
6.	Conditioned floor area (ft²)	2453 ft²		c. N/A	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor:	Description Area		13. Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 347.0 ft²		a. Electric Heat Pump	Cap: 60.0 kBtu/hr
b.	SHGC:				HSPF: 8.50
	(or Clear or Tint DEFAULT)	7b. (Clear) 347.0 ft²		b. N/A	
8.	Floor types				
a.	Slab-On-Grade Edge Insulation	R=0.0, 253.0(p) ft		c. N/A	
b.	N/A				
c.	N/A				
9.	Wall types			14. Hot water systems	
a.	Frame, Wood, Adjacent	R=11.0, 192.0 ft²		a. Electric Resistance	Cap: 52.0 gallons
b.	Concrete, Ext Insul, Exterior	R=4.1, 1415.0 ft²			EF: 0.90
c.	Concrete, Int Insul, Adjacent	R=4.1, 140.0 ft²		b. N/A	
d.	N/A				
e.	N/A			c. Conservation credits	
10.	Ceiling types			(HR-Heat recovery, Solar	
a.	Under Attic	R=30.0, 2453.0 ft²		DHP-Dedicated heat pump)	
b.	Under Attic	R=30.0, 286.0 ft²		15. HVAC credits	
c.	N/A			(CF-Ceiling fan, CV-Cross ventilation,	
11.	Ducts			HF-Whole house fan,	
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 148.0 ft		PT-Programmable Thermostat,	
b.	N/A			MZ-C-Multizone cooling,	
				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

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

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

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529

Reference to: Build permit application Number: 0512-60

Homes by Whittaker owner Park Schimp 389 SW Hegacy Glen

On the date of December 28, 2005 application 0512-60 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0512-60 when making reference to this application.

1. Application 0512-60 which was filed with the building department on the date of December 27, 2005 and will be reviewed under the Florida Building Code 2004. The Wind Load design by John Whittaker using the SSTD-10-99 Code does not have and engineered seal and signature. Please submit along with the engineered seal and signature a copy of the design computer data which was preformed to acquire the wind load design for the structure.
2. Please submit an approved copy of the Columbia County Environmental Health Department site plan application for an on site waste water septic system.

3. Please submit a letter form the potable water well contractor which will describe the equipment to be used to supply potable water to this dwelling. Include the size of pump motor, size of pressure tank and cycle stop valve if used.
4. Please have the Windload engineer supply the following information: Show all required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SSY6384Z1815070942

Truss Fabricator:	Romac Lumber
Job Identification:	13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL
Truss Count:	40
Model Code:	Florida Building Code
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.20, 7.22.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 37.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
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: HCUSR6384

Details: BRCLBSUB-A11015EC-GBLLETIN

Seal Date: 12/15/2005

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	84968--T13		05348256	12/14/05
2	84969--T14		05348254	12/14/05
3	84970--T15		05348253	12/14/05
4	84971--T16		05348250	12/14/05
5	84972--T18		05348248	12/14/05
6	84973--T19		05348247	12/14/05
7	84974--T20		05348246	12/14/05
8	84975--T21		05348245	12/14/05
9	84976--T22		05348243	12/14/05
10	84977--T23		05348242	12/14/05
11	84978--T28		05348255	12/14/05
12	84979--T29		05348244	12/14/05
13	84980--T30		05348239	12/14/05
14	84981--T31		05348233	12/14/05
15	84982--T32		05348272	12/14/05
16	84983--T33		05348266	12/14/05
17	84984--T34		05348271	12/14/05
18	84985--T35		05348270	12/14/05
19	84986--K1		05348235	12/14/05
20	84987--K2		05348241	12/14/05
21	84988--J7		05348238	12/14/05
22	84989--J7A		05348268	12/14/05
23	84990--J7B		05348269	12/14/05
24	84991--C5		05348234	12/14/05
25	84992--J3		05348240	12/14/05
26	84993--C3		05348236	12/14/05
27	84994--C1		05348237	12/14/05
28	84995--T1		05348267	12/14/05
29	84996--T7		05348251	12/14/05
30	84997--T11		05348263	12/14/05
31	84998--T12		05348257	12/14/05
32	84999--T10		05348258	12/14/05
33	85000--T9		05348264	12/14/05
34	85001--T8		05348265	12/14/05
35	85002--T6		05348261	12/14/05
36	85003--T4		05348262	12/14/05
37	85004--T2		05348260	12/14/05
38	85005--T3		05348259	12/14/05
39	85006--T5		05348252	12/14/05
40	85007--T17		05348249	12/14/05

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
 Document ID:1SSY6384Z1815070942

Truss Fabricator:	Romac Lumber
Job Identification:	13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL (Fill in later, **)
Truss Count:	2
Model Code:	Florida Building Code
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.20, 7.22.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 37.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
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: HCUSR6384

Seal Date: 12/15/2005

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	84973--T19		05348247	12/14/05
2	85006--T5		05348252	12/14/05

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T13)

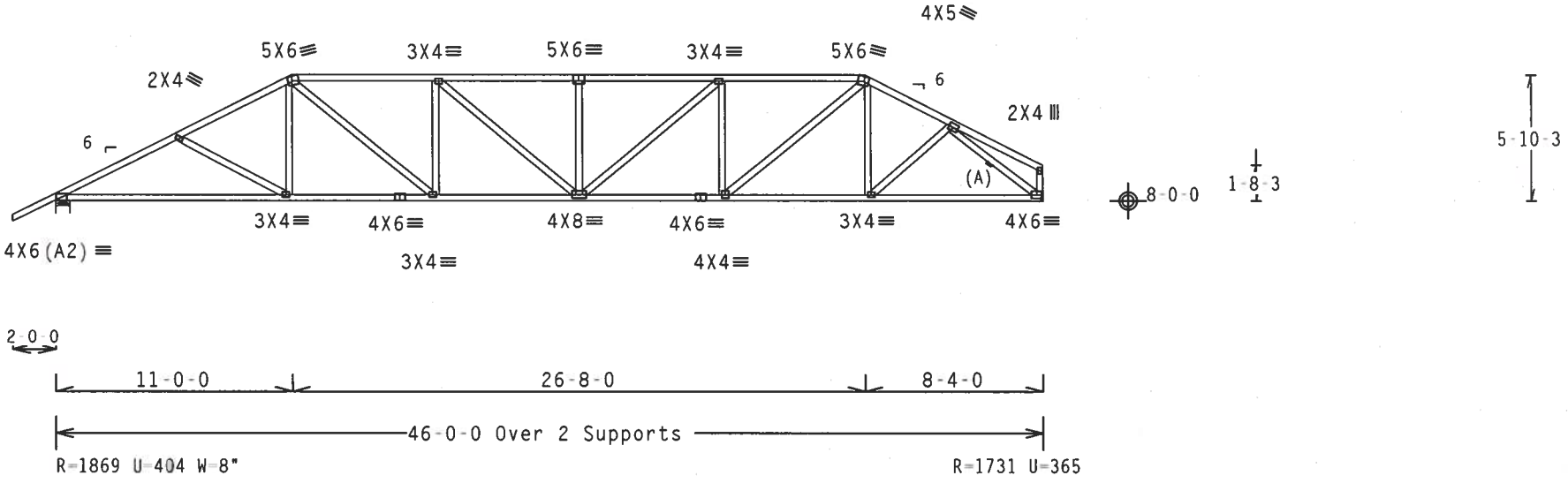
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

(A) Continuous lateral bracing equally spaced on member.

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 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

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

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R6384- 84968
DATE	12/14/05
DRW	HCUSR6384 05348256
HC-ENG	MNM/AP
SEQN-	35406

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T14)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.

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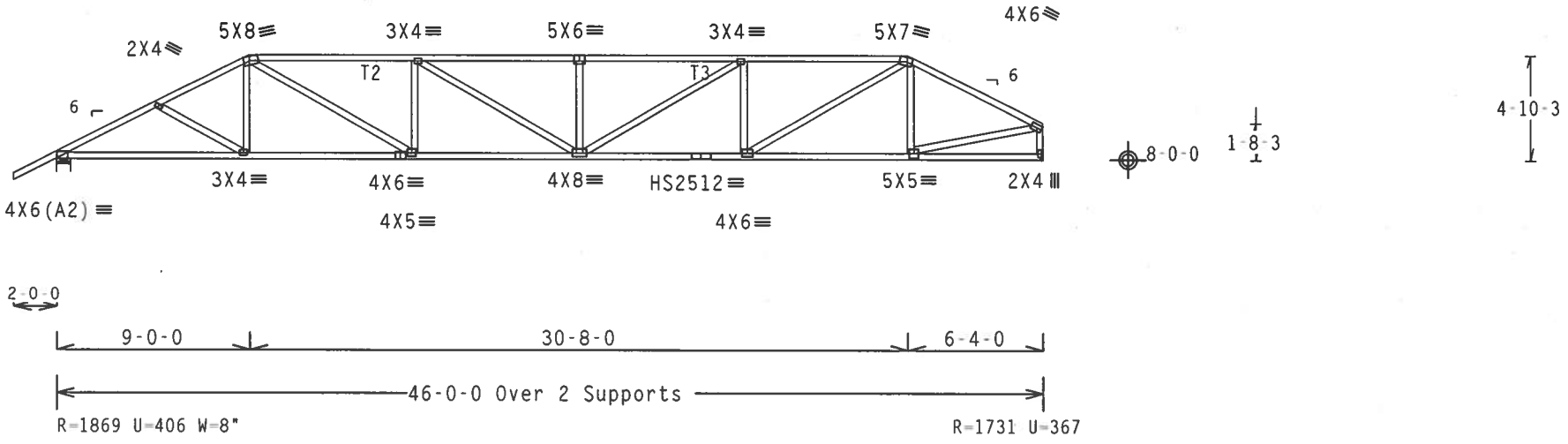

Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 1.0 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R6384- 84969
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348254
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35403
DUR.FAC.	1.25	

Top chord 2x4 SP #1 :T2, T4 2x4 SP SS Dense:
Bot chord 2x4 SP #1 :B2 2x4 SP SS Dense:
:B3 2x6 SP #2:
Webs 2x4 SP #2

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.

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

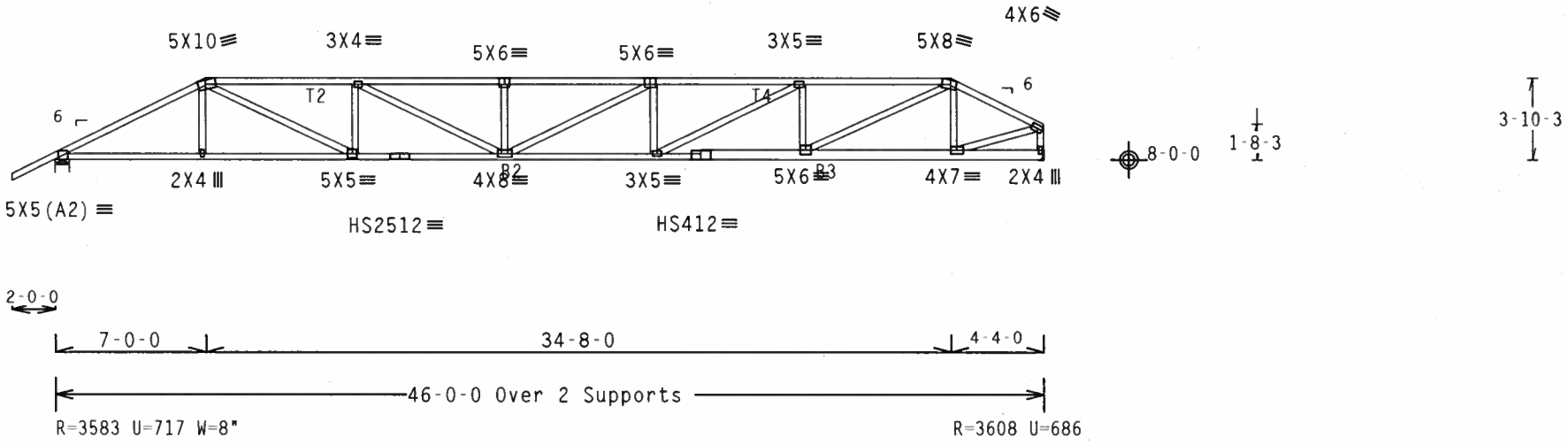
Calculated vertical deflection is 0.55" due to live load and
0.51" due to dead load at X = 20-10-6.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_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.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R6384- 84970
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348253
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35400
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T16)

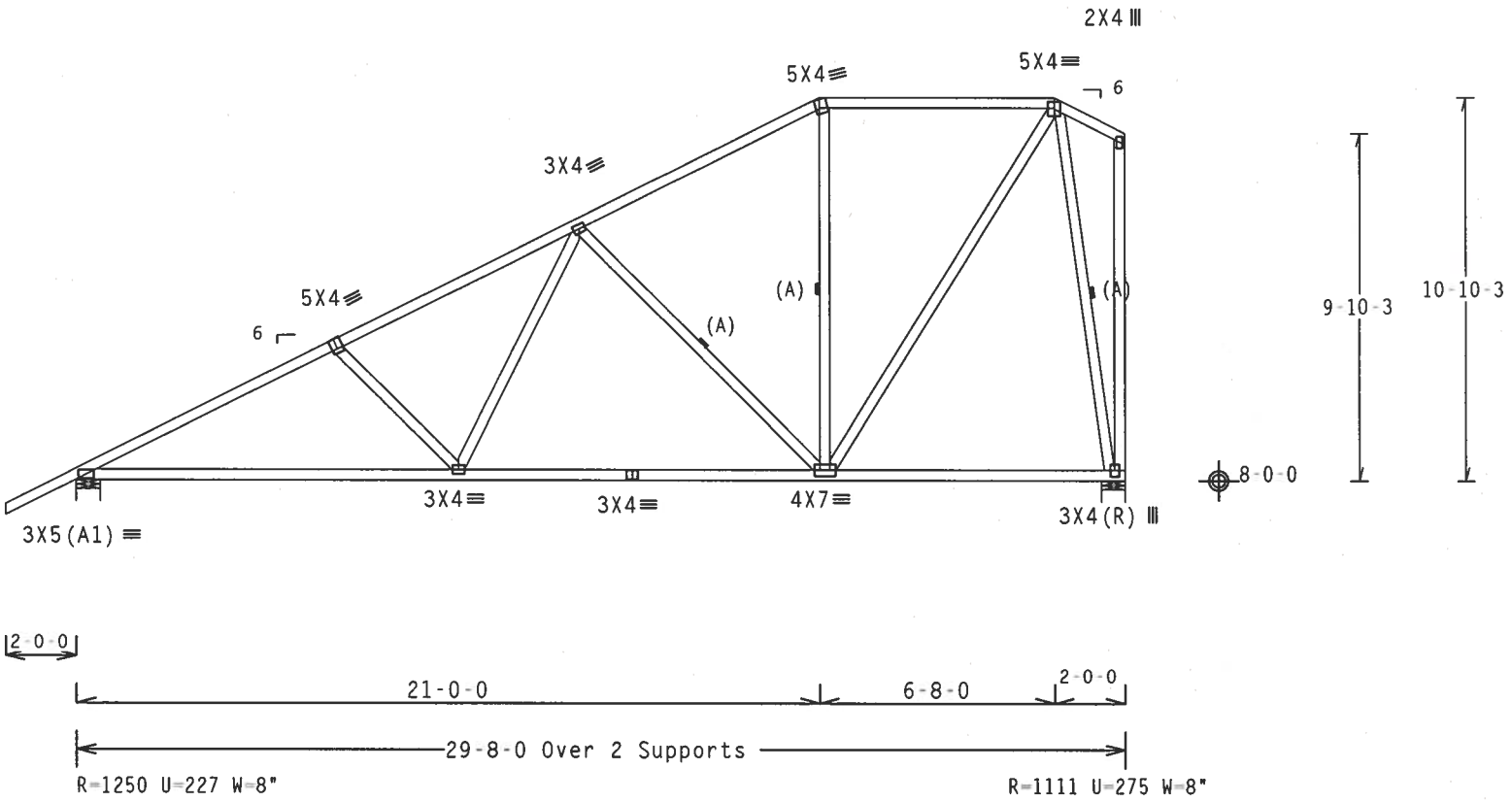
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918

PLT TYP. Wave

QTY: 1

FL/-/4/-/-/R/-

Scale =.1875"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

JAMES P. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0	PSF
TC DL	7.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	

REF	R6384- 84971
DATE	12/14/05
DRW	HCUSR6384 05348250
HC-ENG	MNM/AP *
SEQN-	21849

Top chord 2x4 SP #1 :T1 2x4 SP SS Dense:
Bot chord 2x4 SP #1 :B2 2x4 SP SS Dense:
Webs 2x4 SP #2

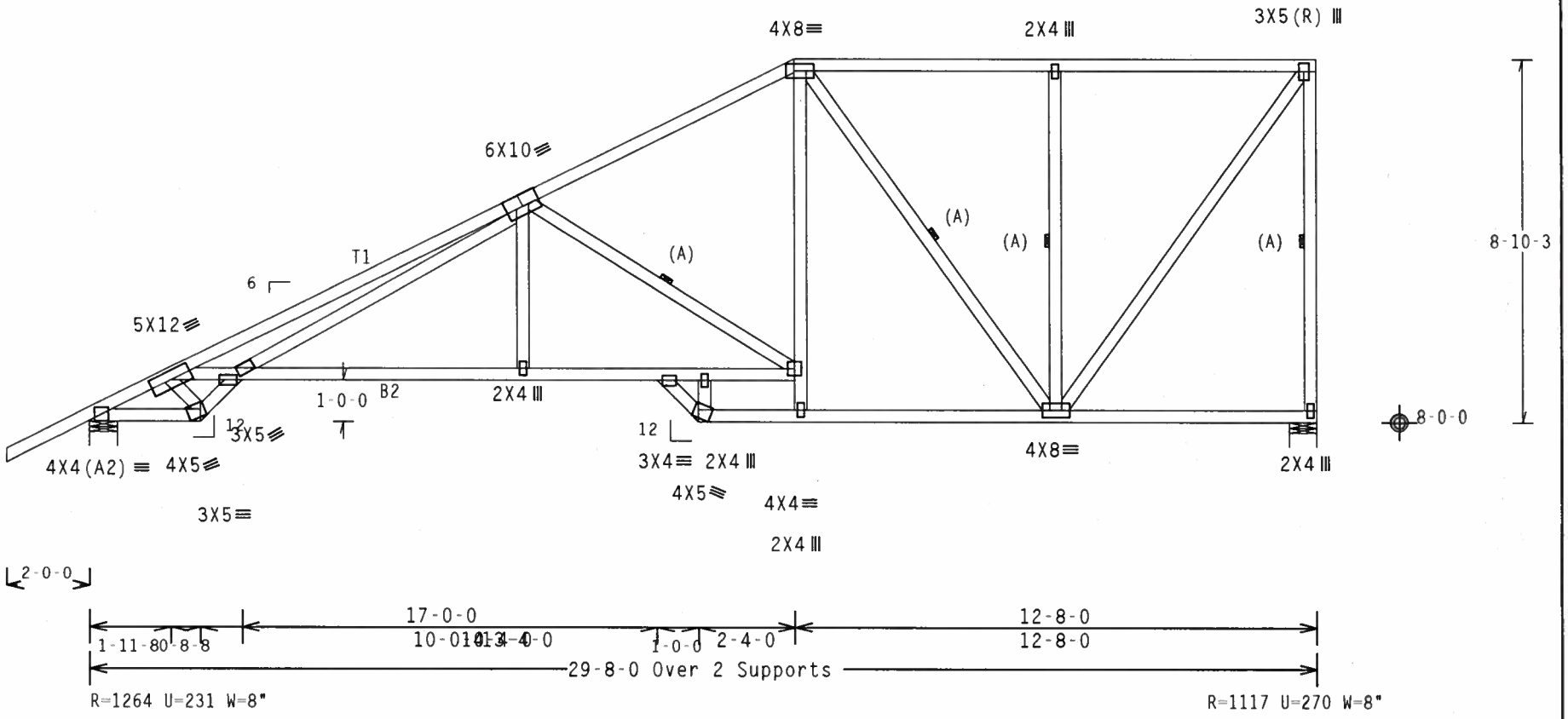
(A) Continuous lateral bracing equally spaced on member.

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

LATERALLY BRACE BC AT 24" OC IN LIEU OF RIGID CEILING.
LATERALLY BRACE BC ABOVE FILLER AT 24" OC.
CHORD ENDS TO BE LATERALLY BRACED.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918.19 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R6384- 84972
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348248
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 30952
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B2 2x4 SP SS Dense:
Webs 2x4 SP #2

Calculated horizontal deflection is 0.16" due to live load and 0.14" due to dead load.

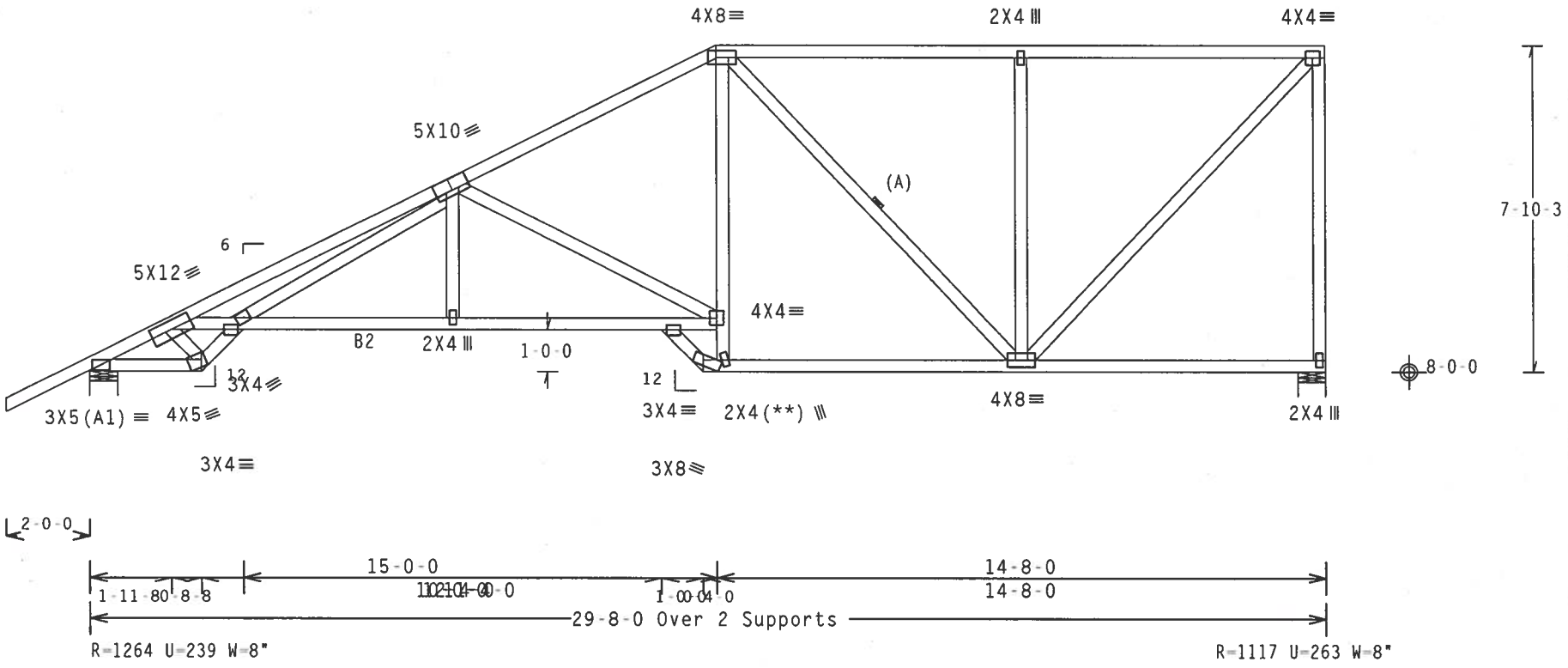
Deflection meets L/360 live and L/240 total load.

(**) Plate(s) require special positioning.
Refer to tooth count on scaled plot for special plate positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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TC LL	20.0 PSF	REF R6384- 84973
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348247
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 30955 REV
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T20)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B2 2x4 SP SS Dense:
Webs 2x4 SP #2

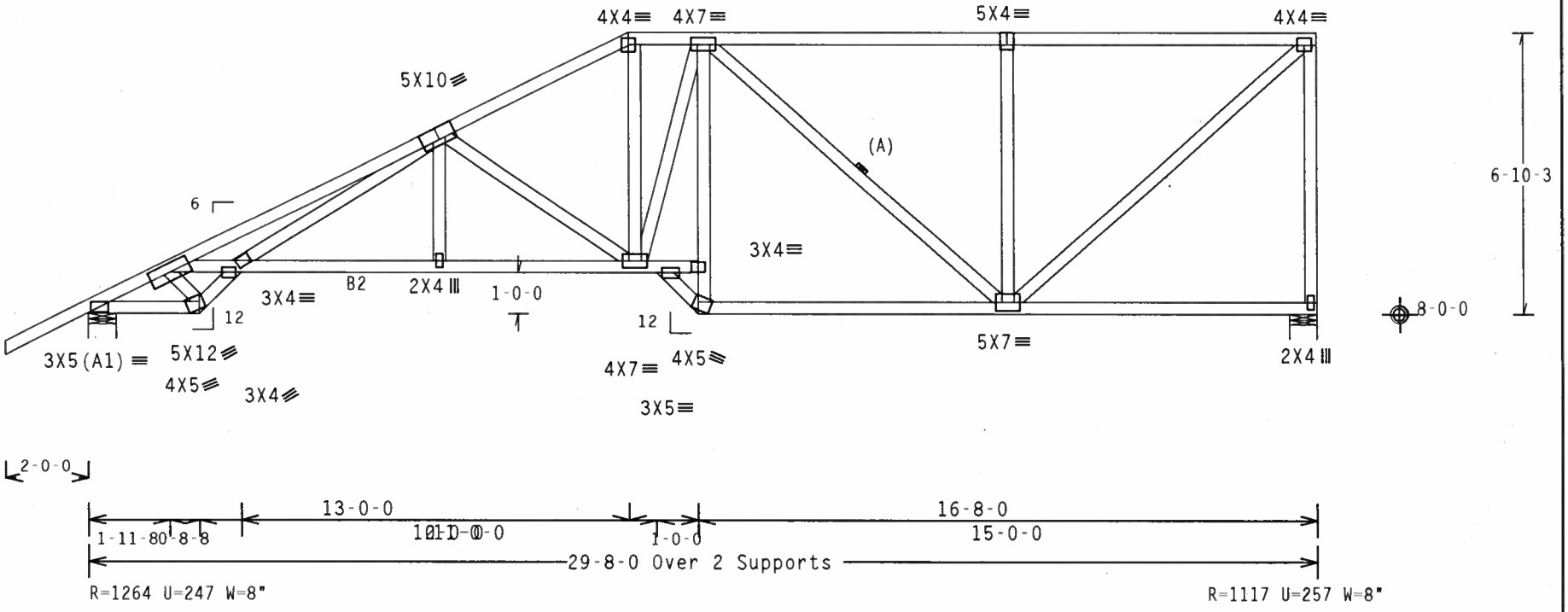
(A) Continuous lateral bracing equally spaced on member.

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

LATERALLY BRACE BC AT 24" OC IN LIEU OF RIGID CEILING.
LATERALLY BRACE BC ABOVE FILLER AT 24" OC.
CHORD ENDS TO BE LATERALLY BRACED.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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TC LL	20.0 PSF	REF	R6384- 84974
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348246
BC LL	0.0 PSF	HC-ENG	MNM/AP
TOT.LD.	37.0 PSF	SEQN-	30947
DUR.FAC.	1.25		

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T21)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B2 2x4 SP SS Dense:
Webs 2x4 SP #2

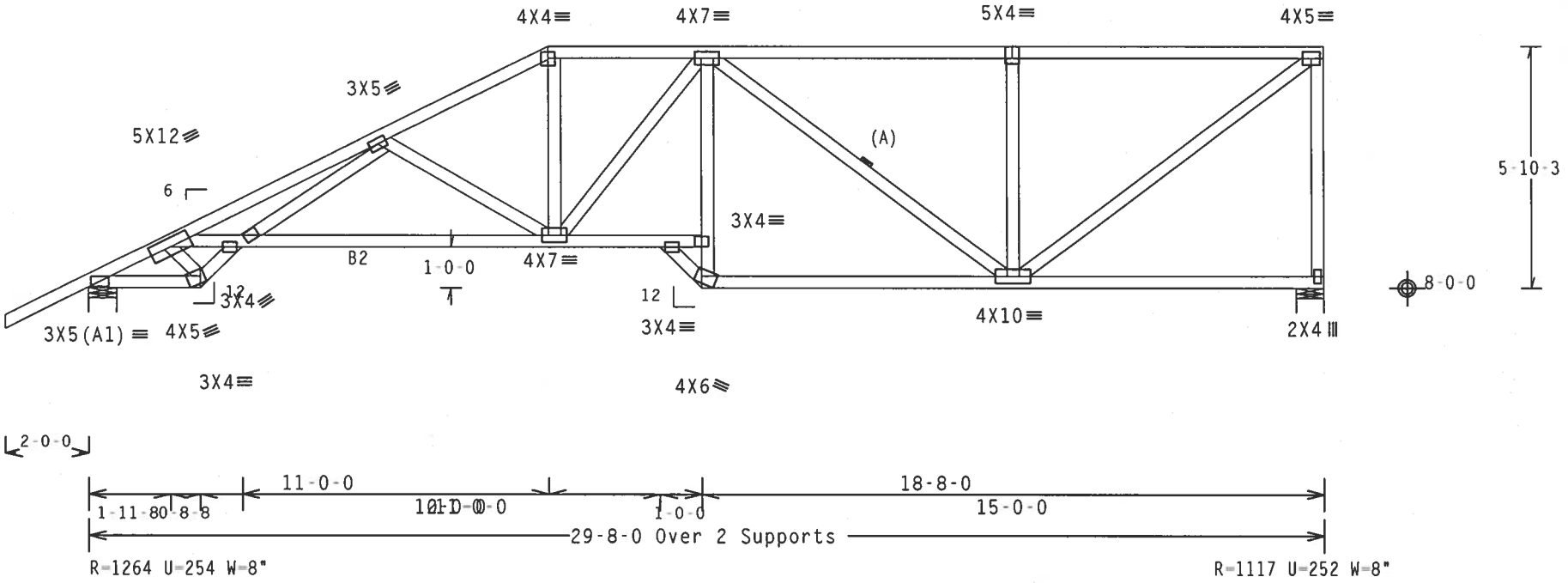
(A) Continuous lateral bracing equally spaced on member.

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

LATERALLY BRACE BC AT 24" OC IN LIEU OF RIGID CEILING.
LATERALLY BRACE BC ABOVE FILLER AT 24" OC.
CHORD ENDS TO BE LATERALLY BRACED.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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TC LL	20.0 PSF	REF R6384- 84975
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348245
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 30944
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T22)

Top chord 2x4 SP #1 :T1 2x4 SP SS Dense:
Bot chord 2x4 SP SS Dense :B1, B3 2x4 SP #1:
Webs 2x4 SP #2 :W6 2x4 SP SS Dense:

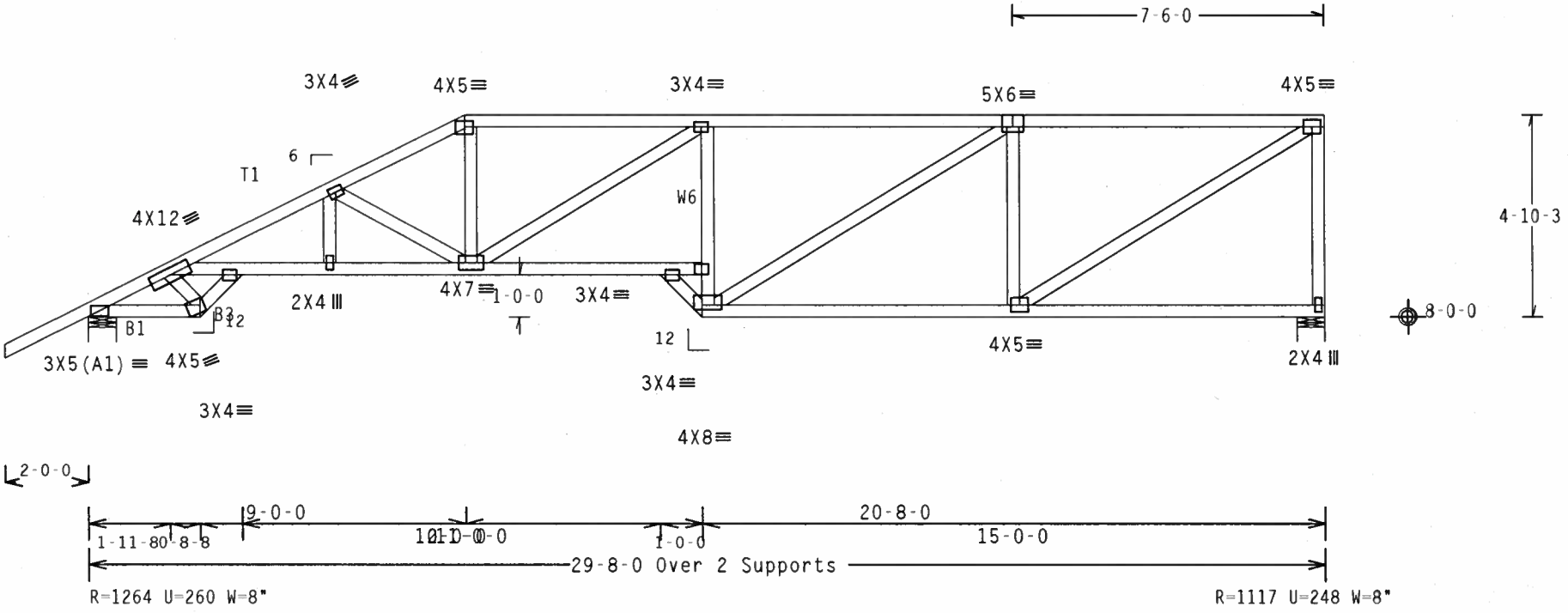
Calculated horizontal deflection is 0.20" due to live load and 0.18" due to dead load.

LATERALLY BRACE BC AT 24" OC IN LIEU OF RIGID CEILING.
LATERALLY BRACE BC ABOVE FILLER AT 24" OC.
CHORD ENDS TO BE LATERALLY BRACED.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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TC LL	20.0 PSF	REF R6384- 84976
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348243
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 30941
DUR.FAC.	1.25	

Top chord 2x6 SP #2 :T1 2x4 SP SS Dense:
Bot chord 2x4 SP SS Dense
Webs 2x4 SP #2

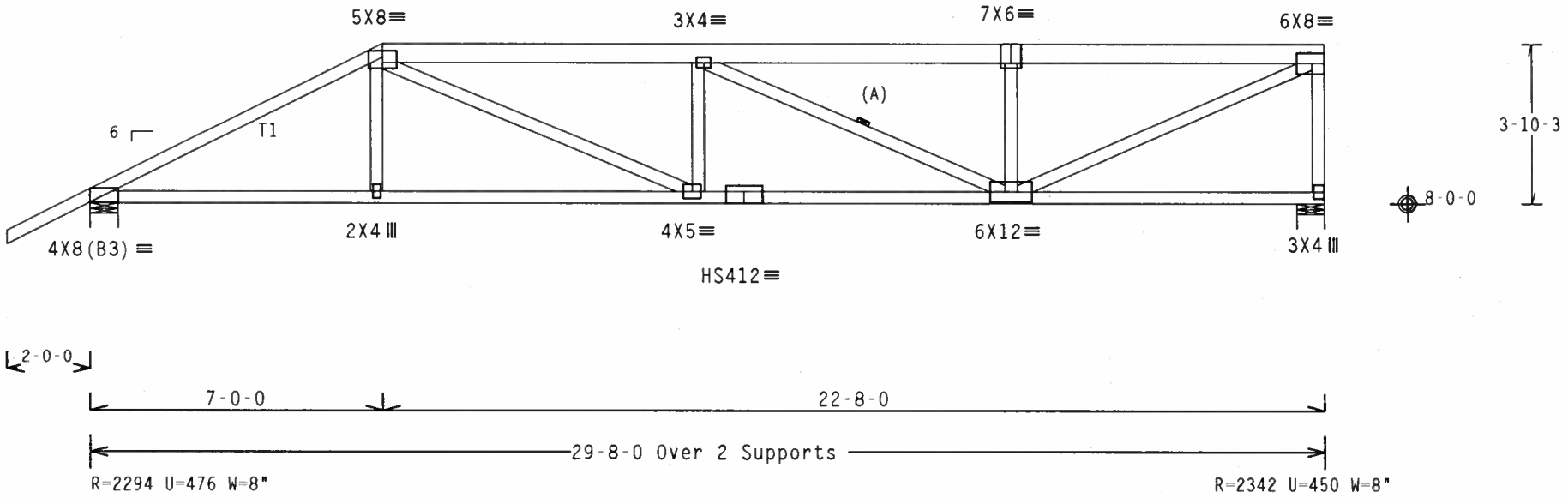
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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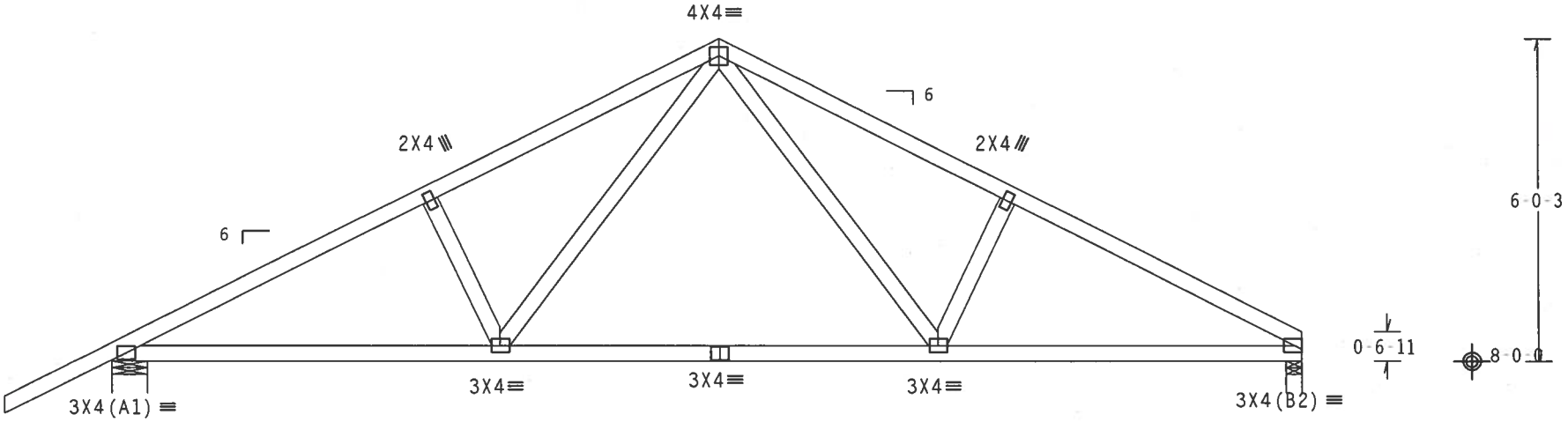
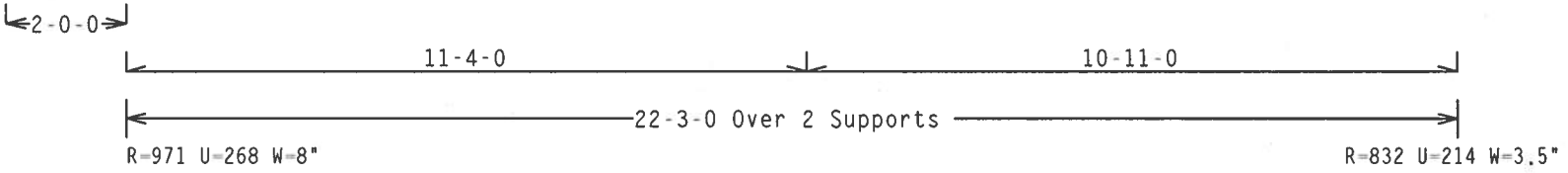
TC LL	20.0 PSF	REF R6384- 84977
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348242
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35453
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:6 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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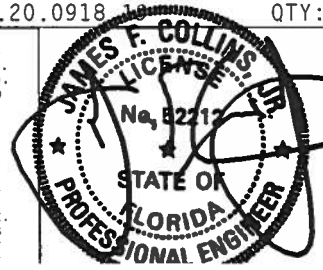


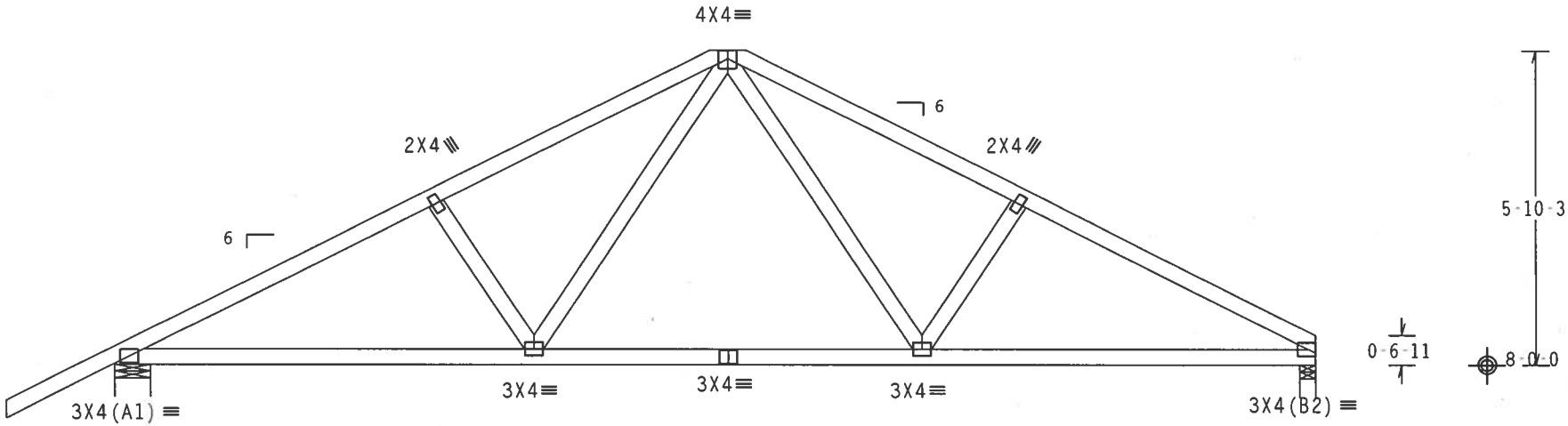
TC LL	20.0 PSF	REF R6384- 84978
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348255
BC LL	0.0 PSF	HC-ENG MNM/AP *
TOT.LD.	37.0 PSF	SEQN- 35729
DUR.FAC.	1.25	

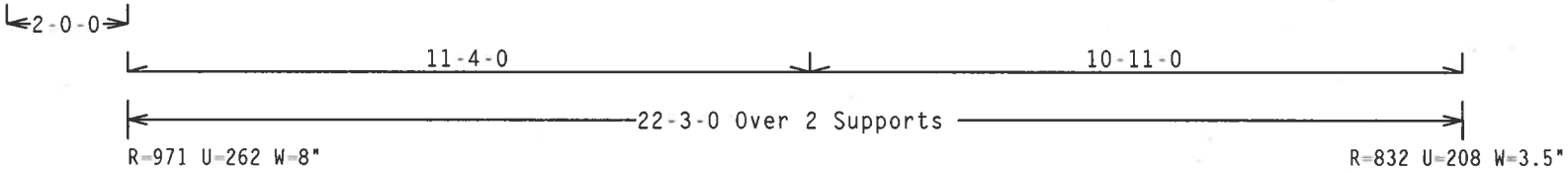
(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T29)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 10 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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1950 Marley Drive

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

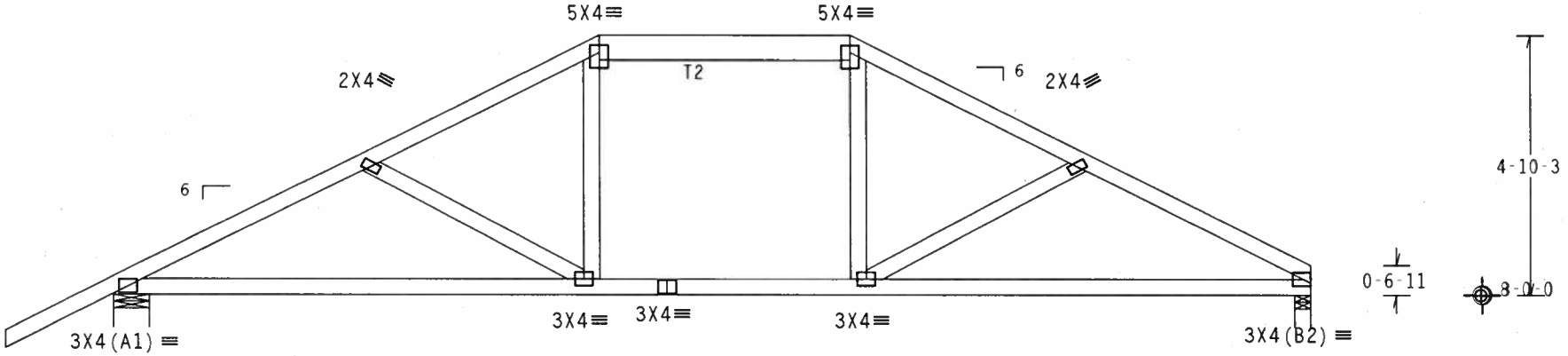
TC LL	20.0 PSF	REF R6384- 84979
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348244
BC LL	0.0 PSF	HC-ENG MNM/AP *
TOT.LD.	37.0 PSF	SEQN- 35724
DUR.FAC.	1.25	

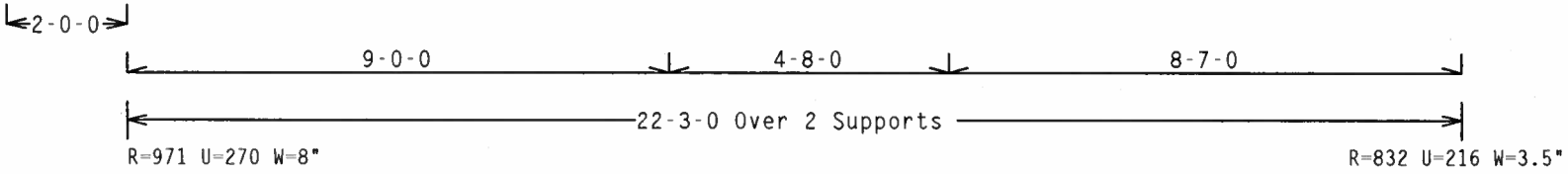
(13014--KS Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T30)

Top chord 2x4 SP #1 :T2 2x6 SP #2:
Bot chord 2x4 SP #1
Webs 2x4 SP #2

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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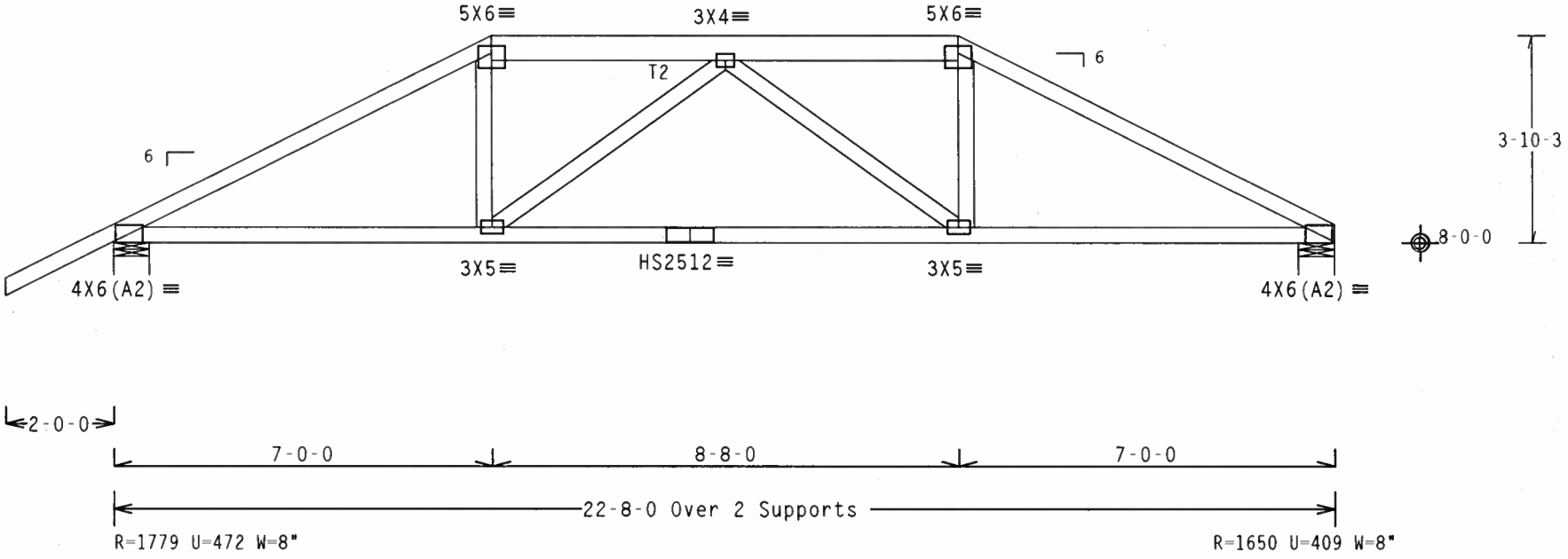
TC LL	20.0 PSF	REF	R6384- 84980
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348239
BC LL	0.0 PSF	HC-ENG	MNM/AP
TOT.LD.	37.0 PSF	SEQN-	35715
DUR.FAC.	1.25		

Top chord 2x4 SP #1 :T2 2x6 SP #2:
Bot chord 2x4 SP #1
Webs 2x4 SP #2

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 1 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
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1950 Marley Drive

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TC LL	20.0 PSF	REF R6384- 84981
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348233
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35414
DUR.FAC.	1.25	

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

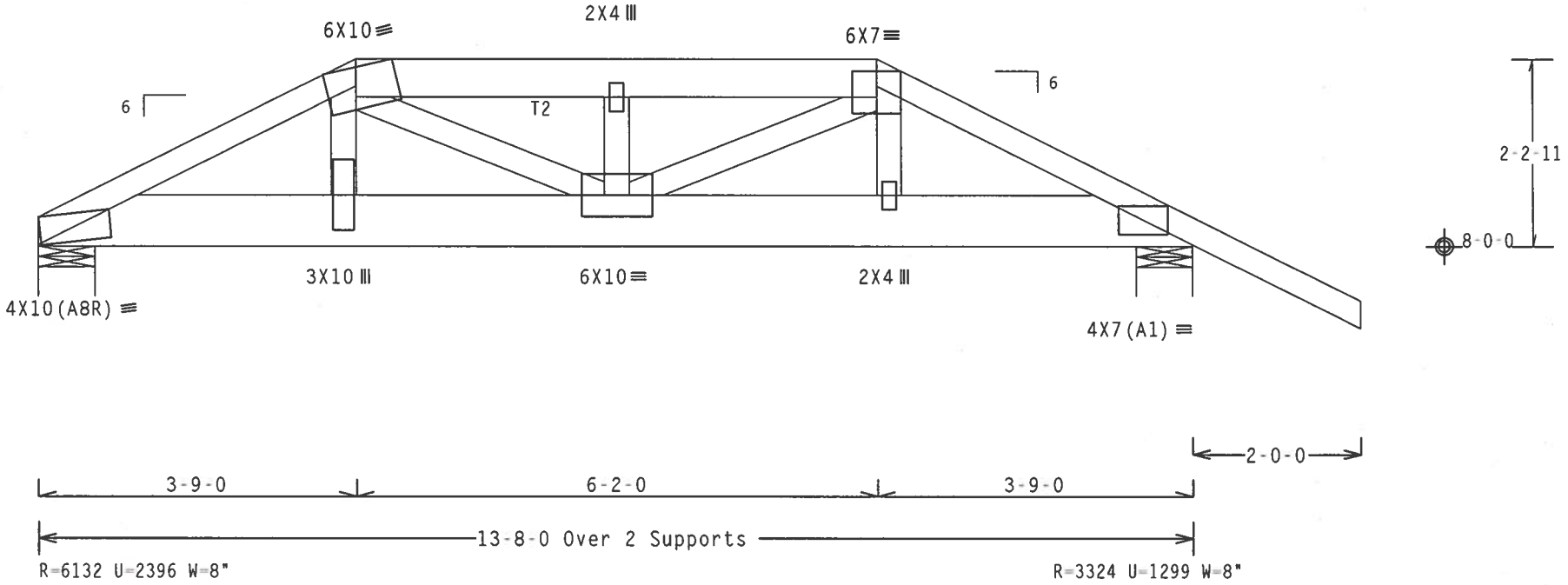
SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 56 PLF at 0.00 to 56 PLF at 3.75
TC - From 56 PLF at 3.75 to 56 PLF at 15.67
BC - From 864 PLF at 0.00 to 864 PLF at 5.67
BC - From 20 PLF at 5.67 to 20 PLF at 13.67
BC - From 4 PLF at 13.67 to 4 PLF at 15.67
BC - 3519 LB Conc. Load at 6.67

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @ 6.00" o.c.
Bot Chord: 2 Rows @ 4.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.20.0918 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

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TC LL	20.0 PSF	REF R6384- 84982
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348272
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35397
DUR.FAC.	1.25	

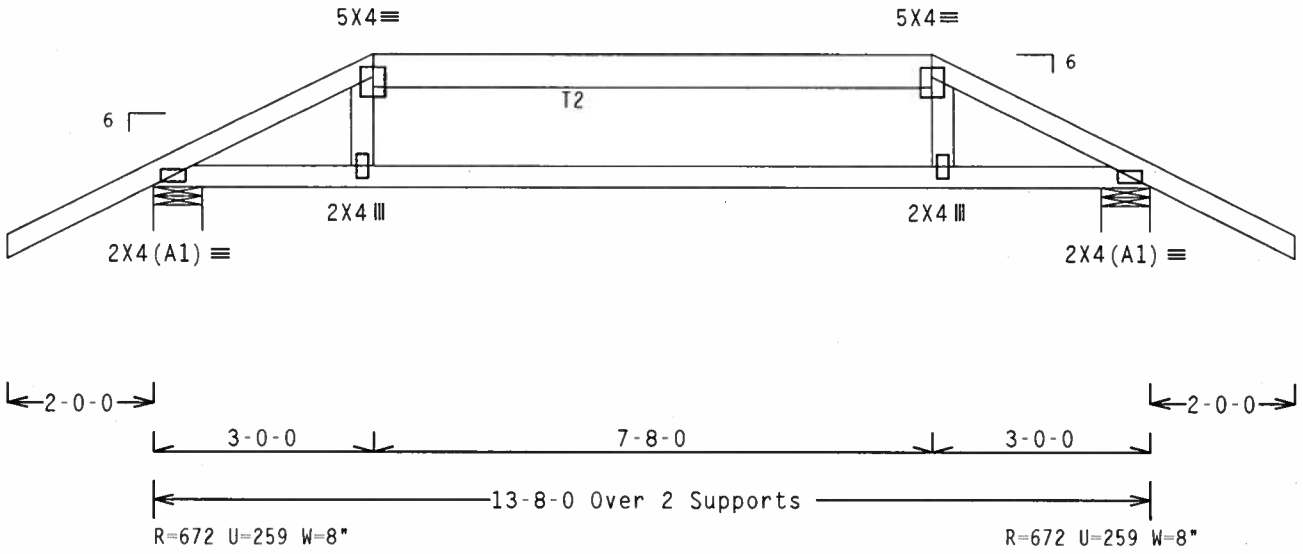
(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T33)

Top chord 2x4 SP #1 :T2 2x6 SP #2:
Bot chord 2x4 SP #1
Webs 2x4 SP #2

#1 hip supports 3-0-0 jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cg/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
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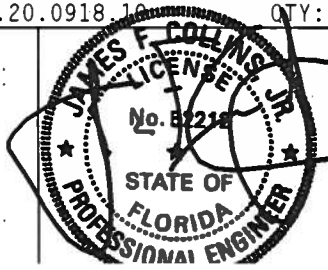


TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

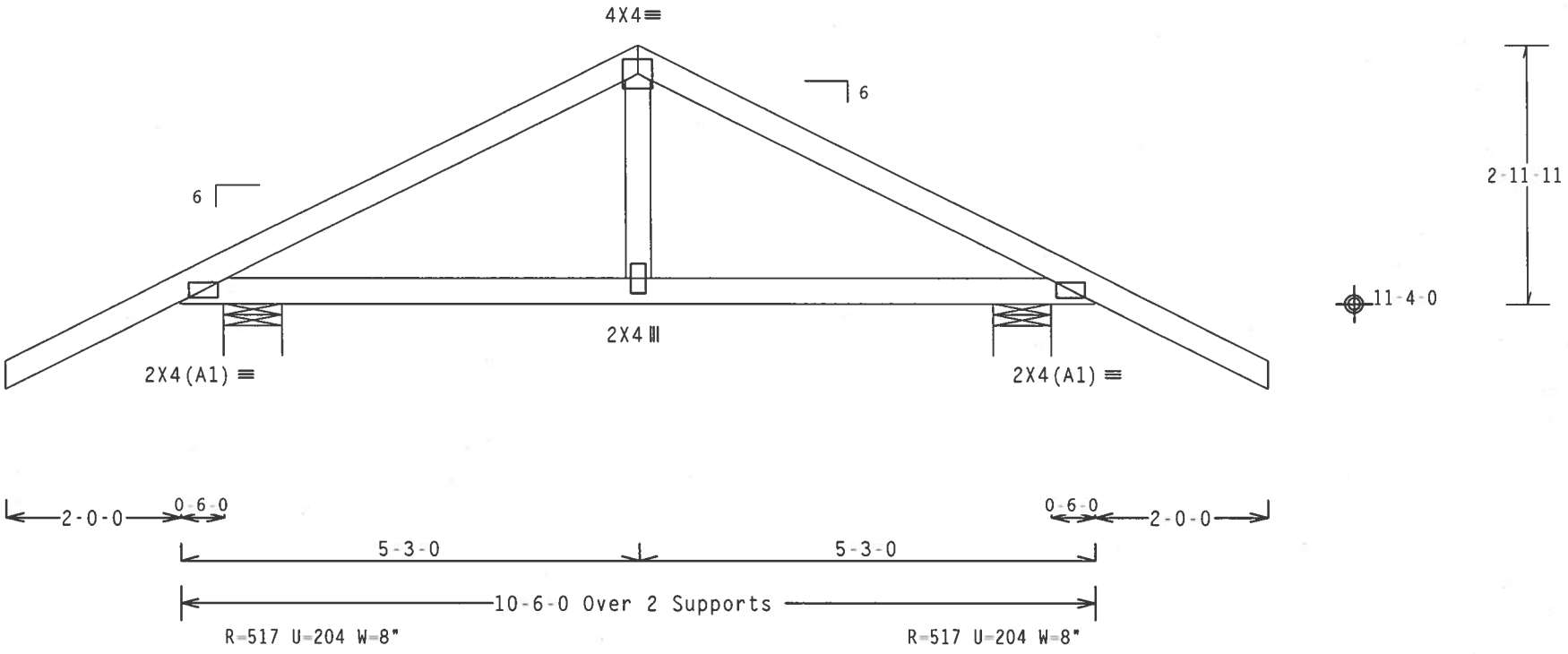
REF	R6384- 84983
DATE	12/14/05
DRW	HCUSR6384 05348266
	HC-ENG MNM/AP
SEQN-	35719

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T34)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:3 FL/-/4/-/-/R/- Scale =.5"/Ft.

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TC LL	20.0 PSF	REF R6384- 84984
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348271
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35385
DUR.FAC.	1.25	

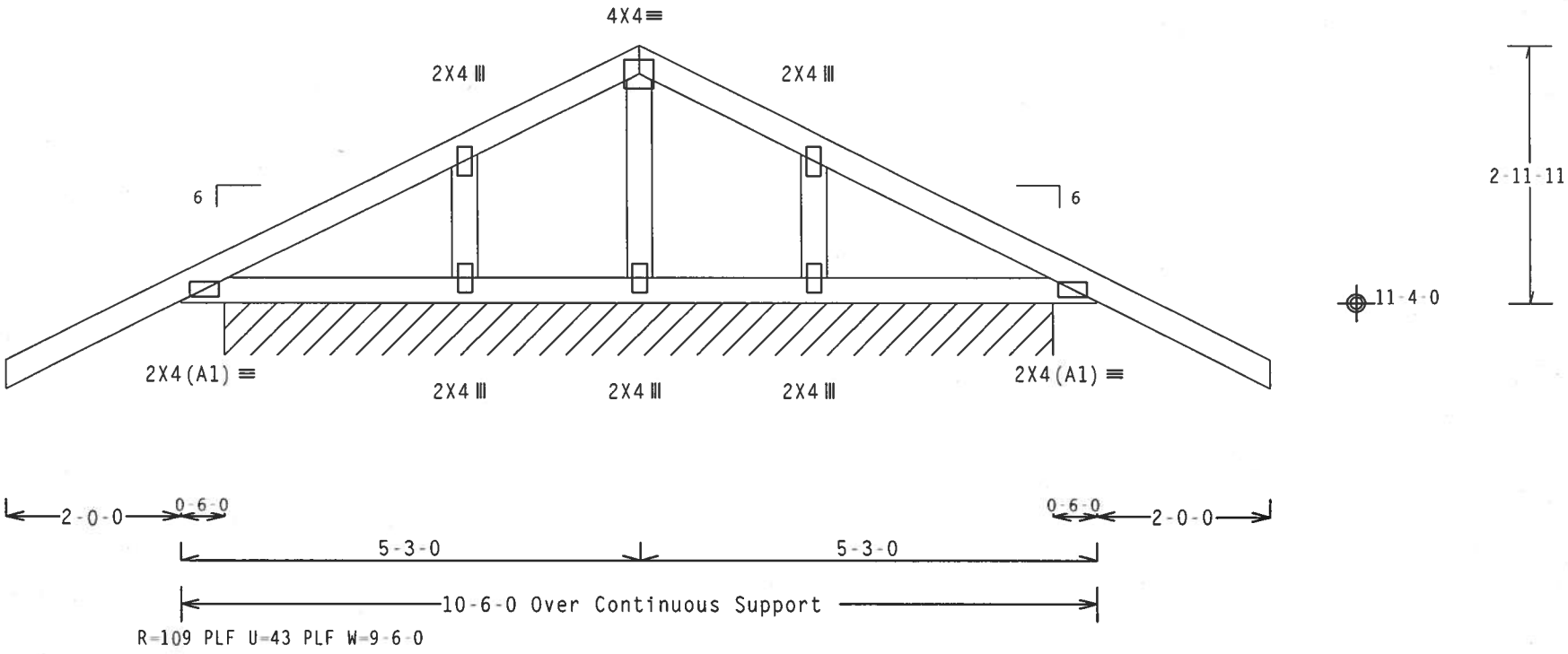
(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T35)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

See DWGS A11015EC1103 & GBLLETIN0405 for more requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.20.0919.20 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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TC LL	20.0 PSF	REF R6384- 84985
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348270
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 21836
DUR.FAC.	1.25	

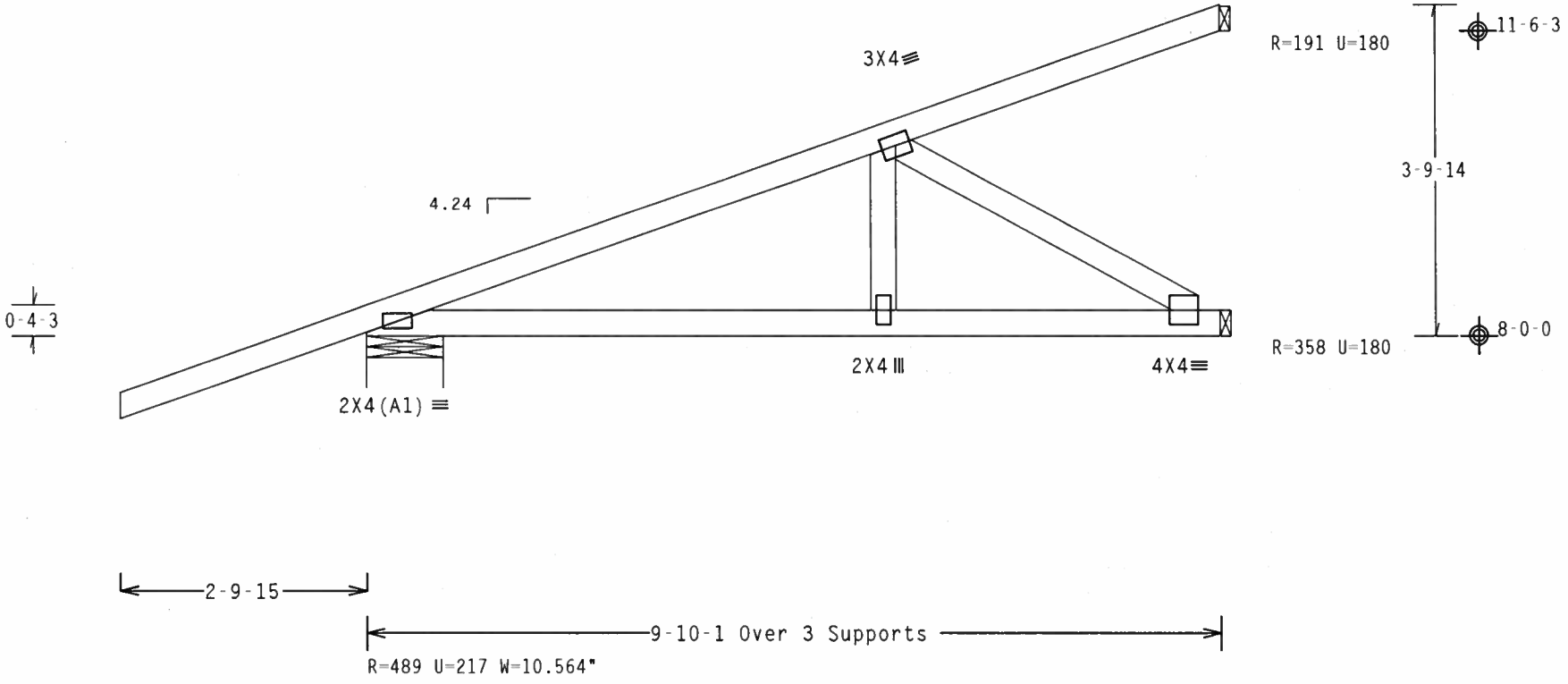
(13014--KS Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - K1)

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

Hipjack supports 6-11-8 setback jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:4 FL/-/4/-/-/R/- Scale =.5"/Ft.

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TC LL	20.0 PSF	REF R6384- 84986
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348235
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35632
DUR.FAC.	1.25	

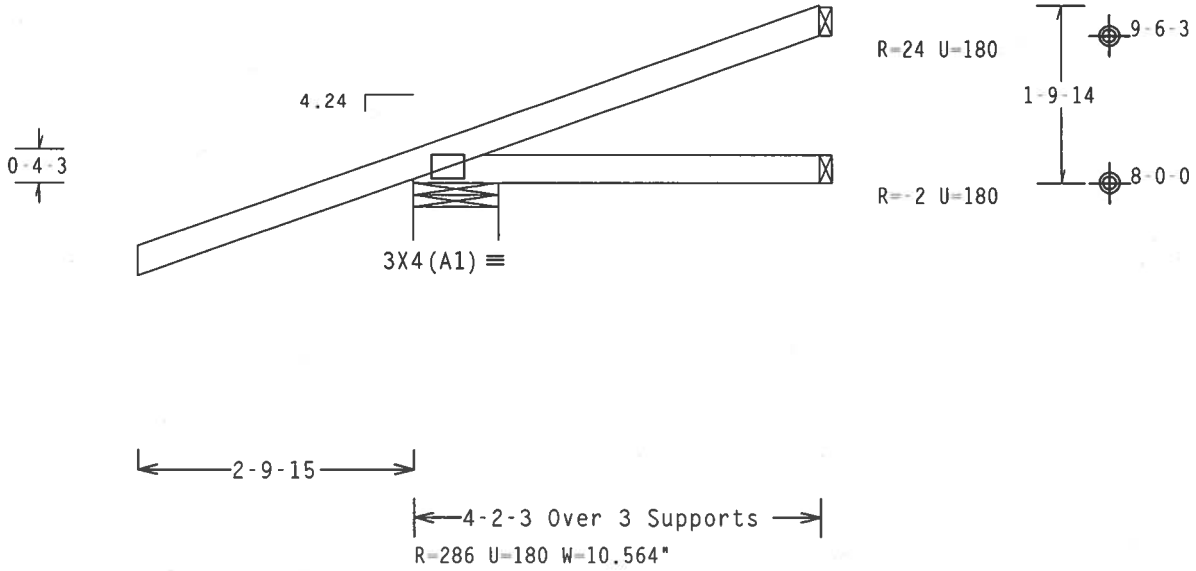
(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - K2)

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

Hipjack supports 2-11-8 setback jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

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

JAMES F. COLLINS LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

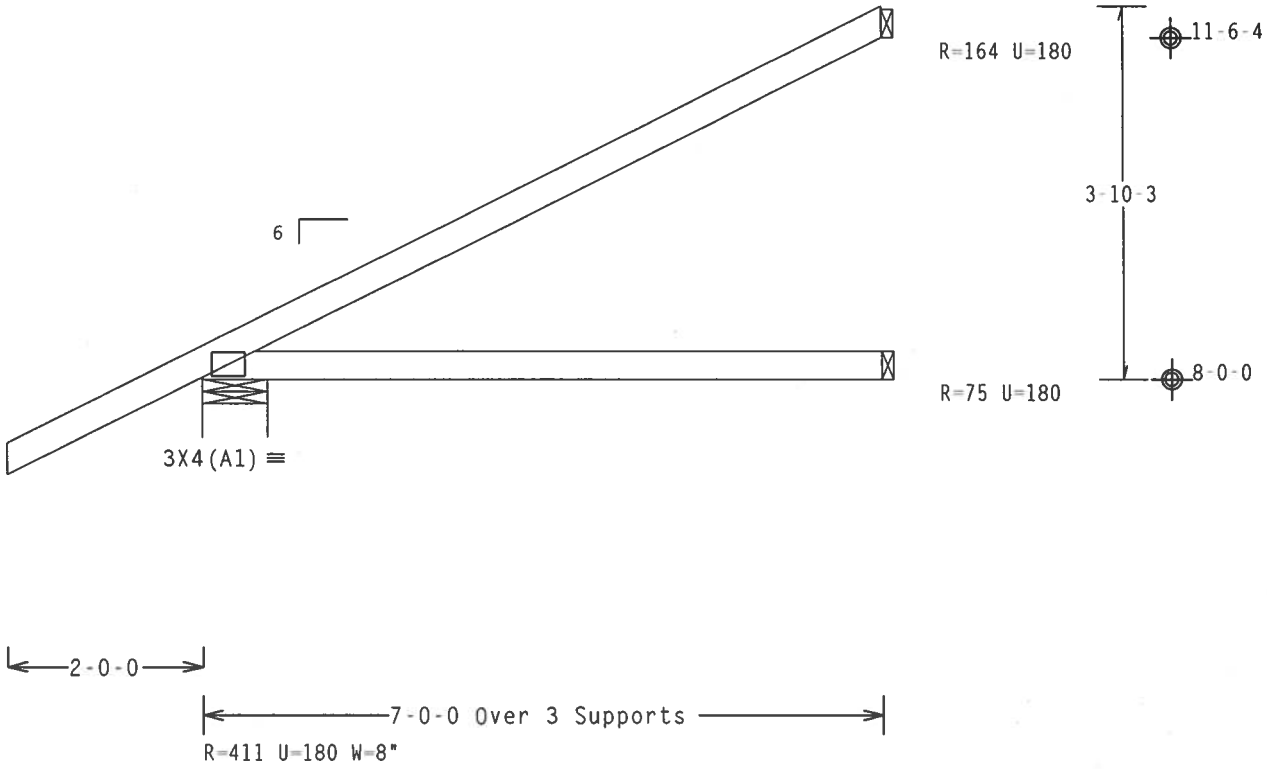
TC LL	20.0 PSF	REF R6384- 84987
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348241
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35629
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - J7)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:36 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marlev Drive

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

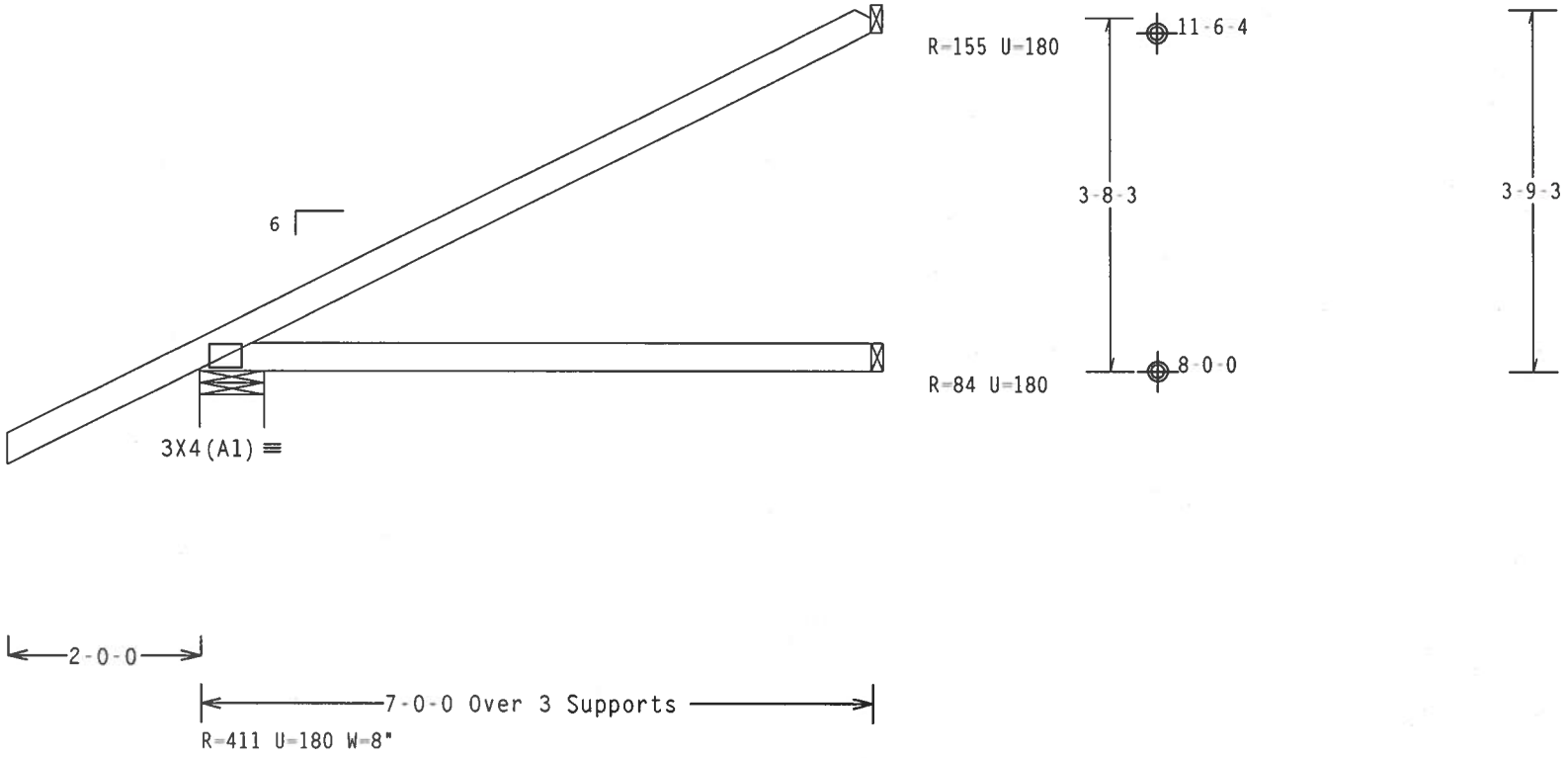
TC LL	20.0 PSF	REF R6384- 84988
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348238
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35608
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - J7A)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.20.0918.10

QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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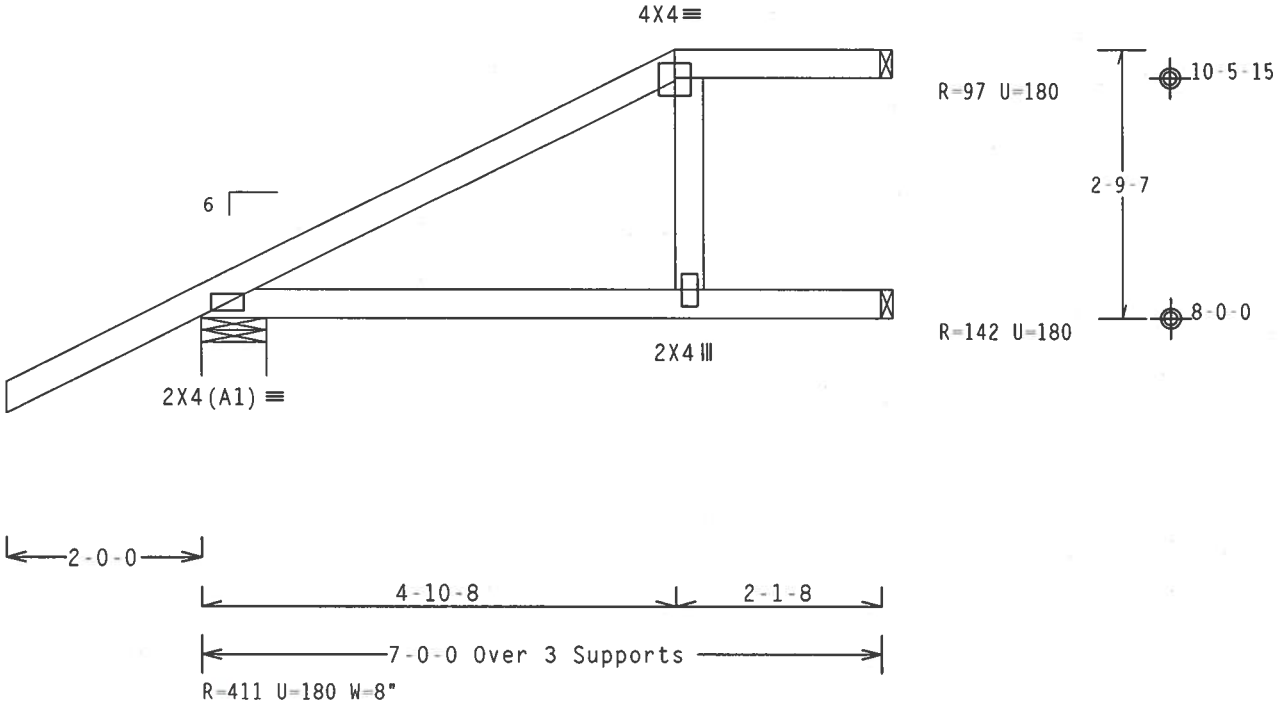
JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R6384- 84989
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348268
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35623
DUR.FAC.	1.25	

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.20.0918.10 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

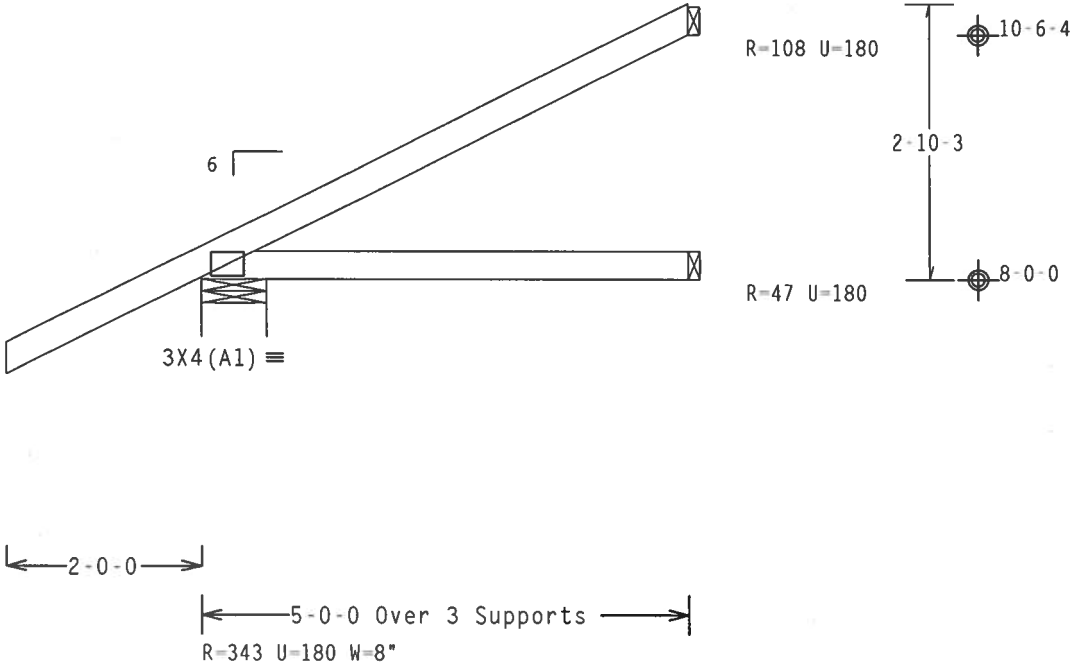
TC LL	20.0	PSF
TC DL	7.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	

REF	R6384- 84990
DATE	12/14/05
DRW	HCUSR6384 05348269
	HC-ENG MNM/AP
SEQN-	35626

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:8 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
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1950 Marley Drive

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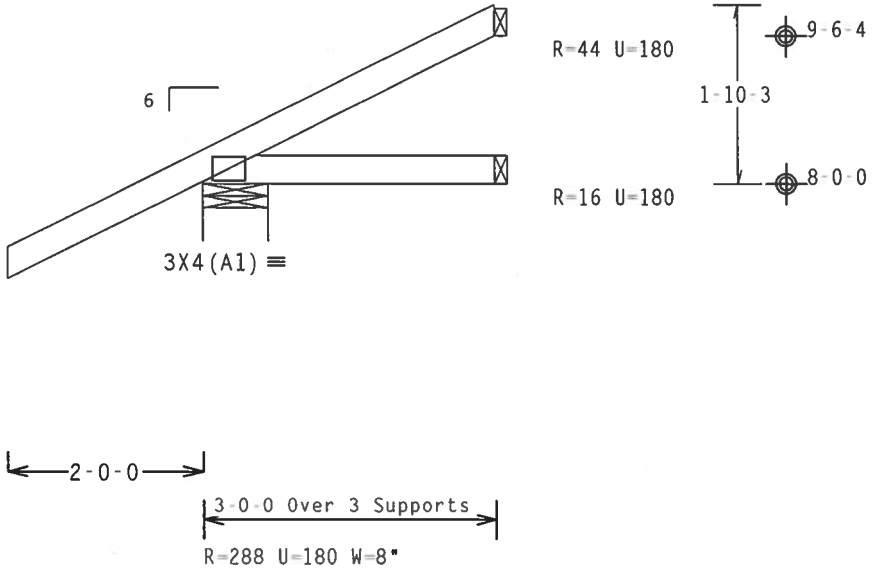
JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R6384- 84991
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348234
BC LL	0.0 PSF	HC-ENG	MNM/AP
TOT.LD.	37.0 PSF	SEQN-	35611
DUR.FAC.	1.25		

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cg/RT=1.00(1.25)/10(0) 7.20.0918 [illegible] QTY:5 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
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1950 Marley Drive

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JAMES F. COLLINS JR. LICENSE No. 57212 STATE OF FLORIDA PROFESSIONAL ENGINEER

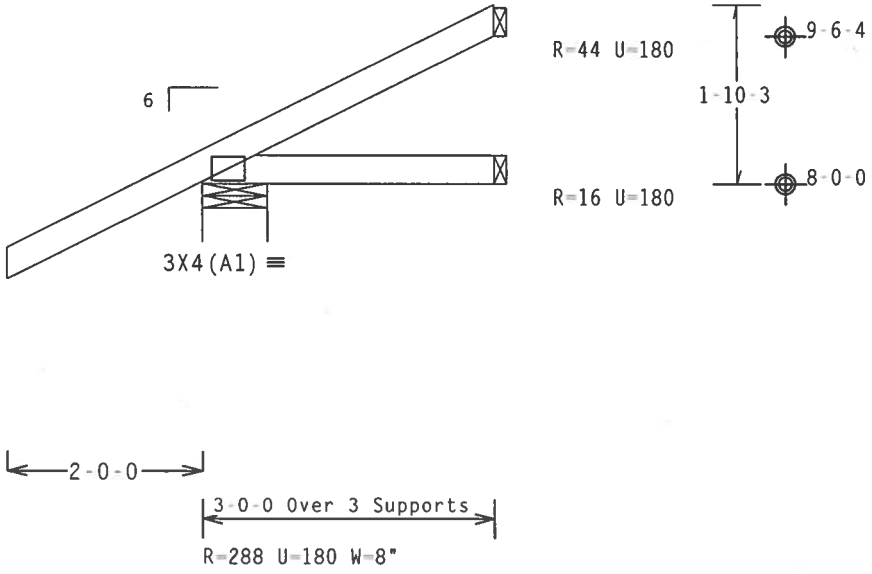
TC LL	20.0 PSF	REF R6384- 84992
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348240
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35712
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - C3)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:8 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
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1950 Marley Drive

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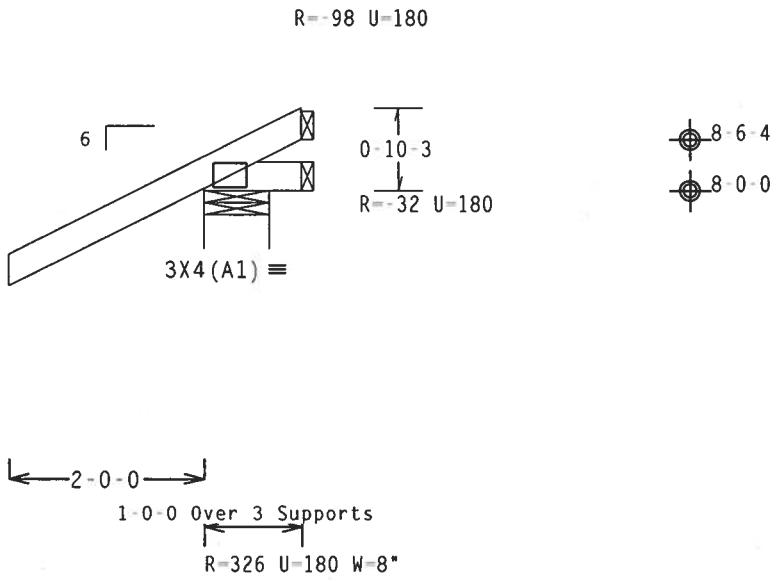
TC LL	20.0 PSF	REF R6384- 84993
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348236
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35614
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - C1)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf,
wind BC DL=5.0 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:12 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
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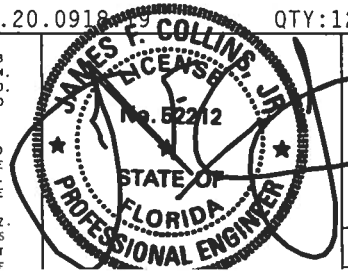


TC LL	20.0 PSF	REF R6384- 84994
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348237
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35617
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T1)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

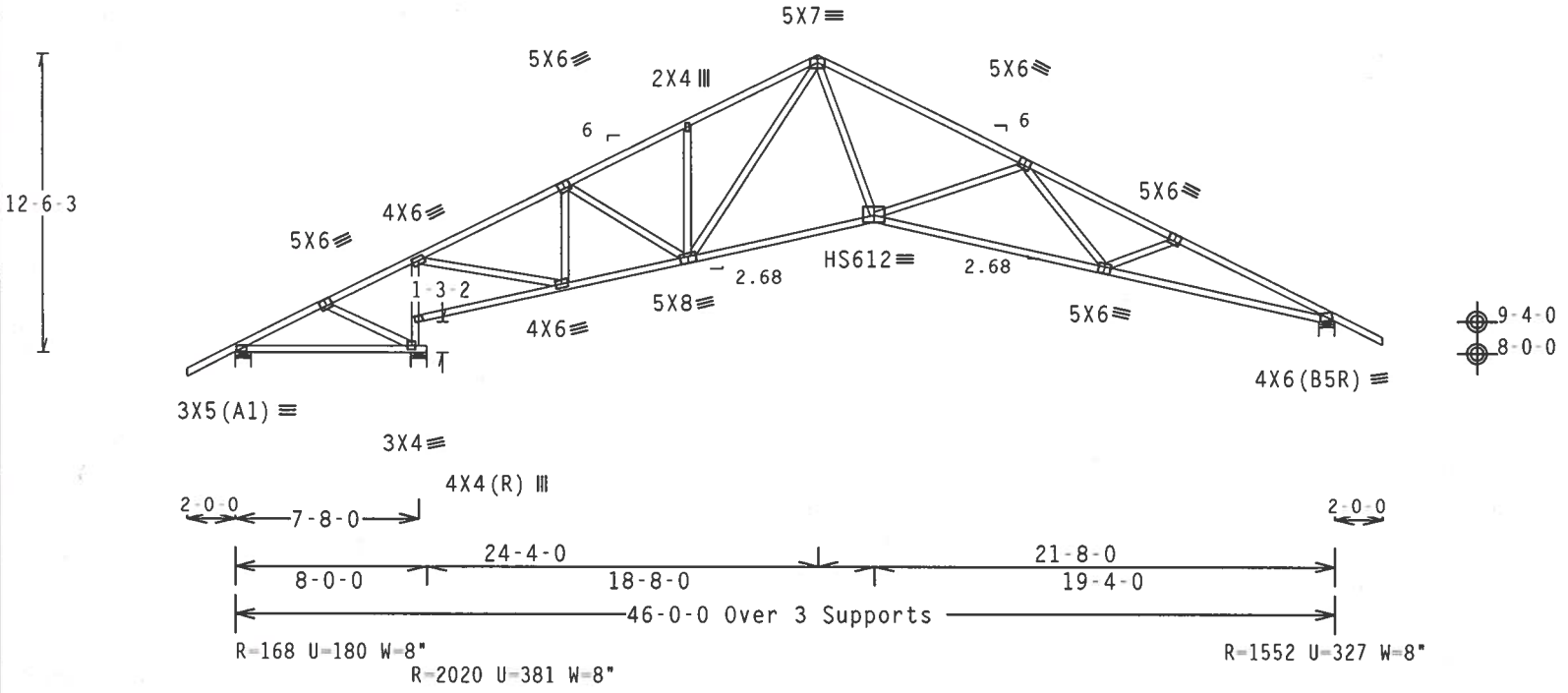
Calculated horizontal deflection is 0.17" due to live load and 0.15" due to dead load.

Shim all supports to solid bearing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918.09 QTY:5 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

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

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R6384- 84995
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348267
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35642
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

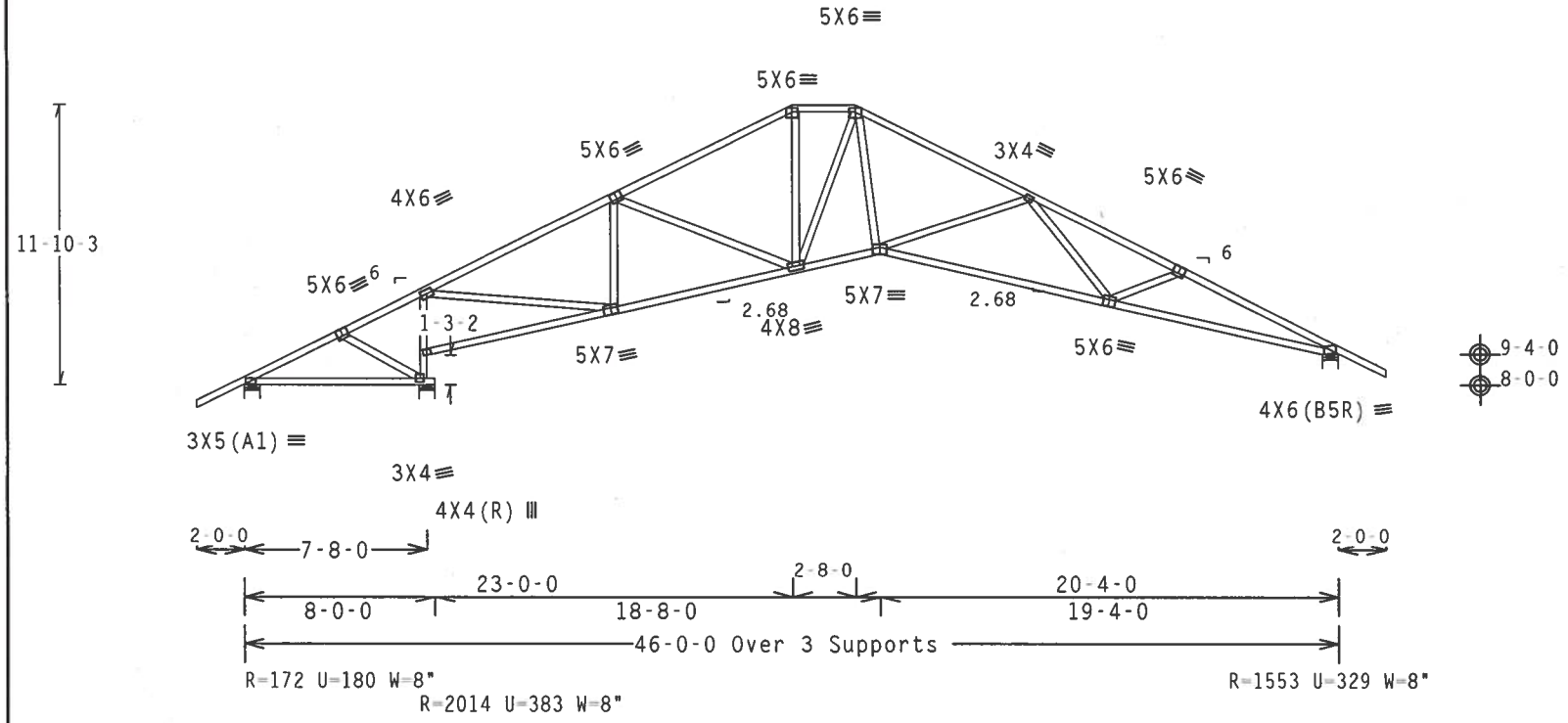
Calculated horizontal deflection is 0.18" due to live load and 0.15" due to dead load.

Shim all supports to solid bearing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.20.0918.10 | QTY:1 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS JR. LICENSE NO. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R6384- 84996
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348251
BC LL	0.0 PSF	HC-ENG	MNM/AP
TOT.LD.	37.0 PSF	SEQN-	35650
DUR.FAC.	1.25		

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

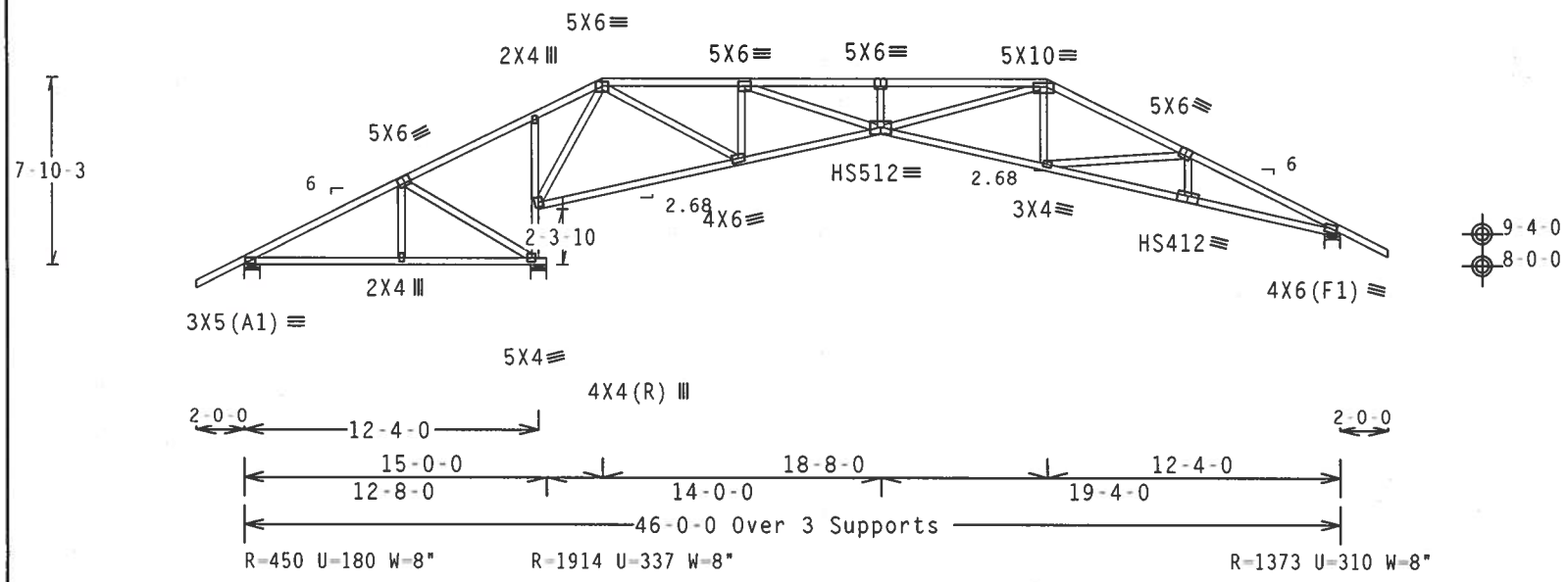
Calculated horizontal deflection is 0.14" due to live load and 0.12" due to dead load.

Shim all supports to solid bearing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS JR. LICENSE No152212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R6384- 84997
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348263
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35298
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T12)

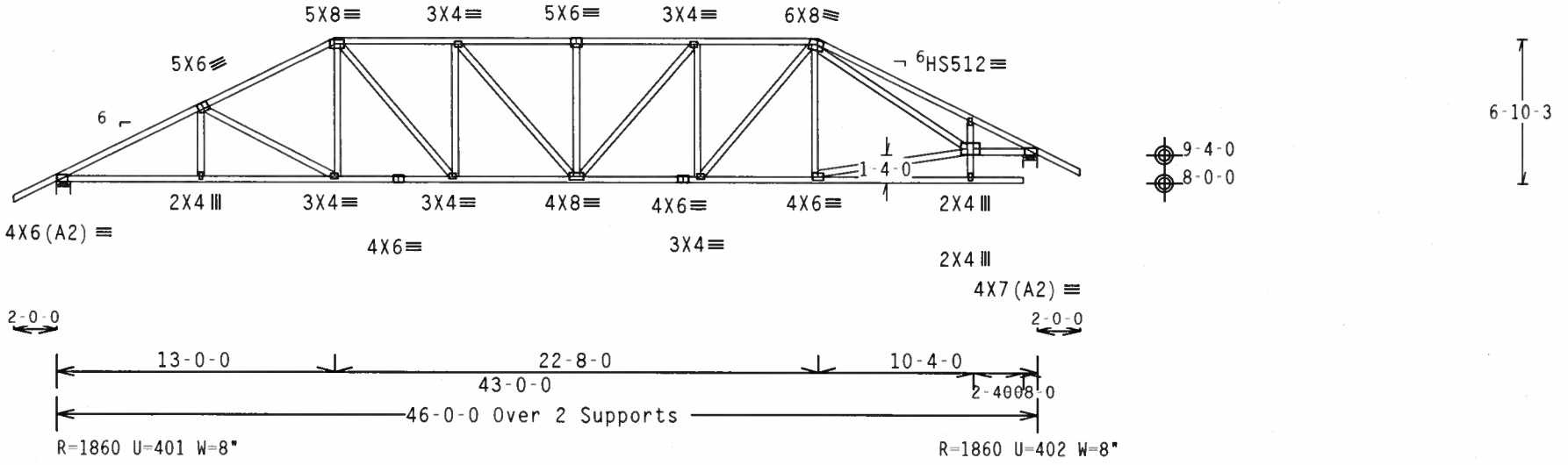
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

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

LATERALLY BRACE BC AT 24" OC IN LIEU OF RIGID CEILING.
LATERALLY BRACE BC ABOVE FILLER AT 24" OC.
CHORD ENDS TO BE LATERALLY BRACED.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave | Cq/RT=1.00(1.25)/10(0) | 7.20.0918.19 | QTY:1 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLKINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R6384- 84998
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348257
BC LL	0.0 PSF	HC-ENG	MNM/AP
TOT.LD.	37.0 PSF	SEQN-	35308
DUR.FAC.	1.25		

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T10)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

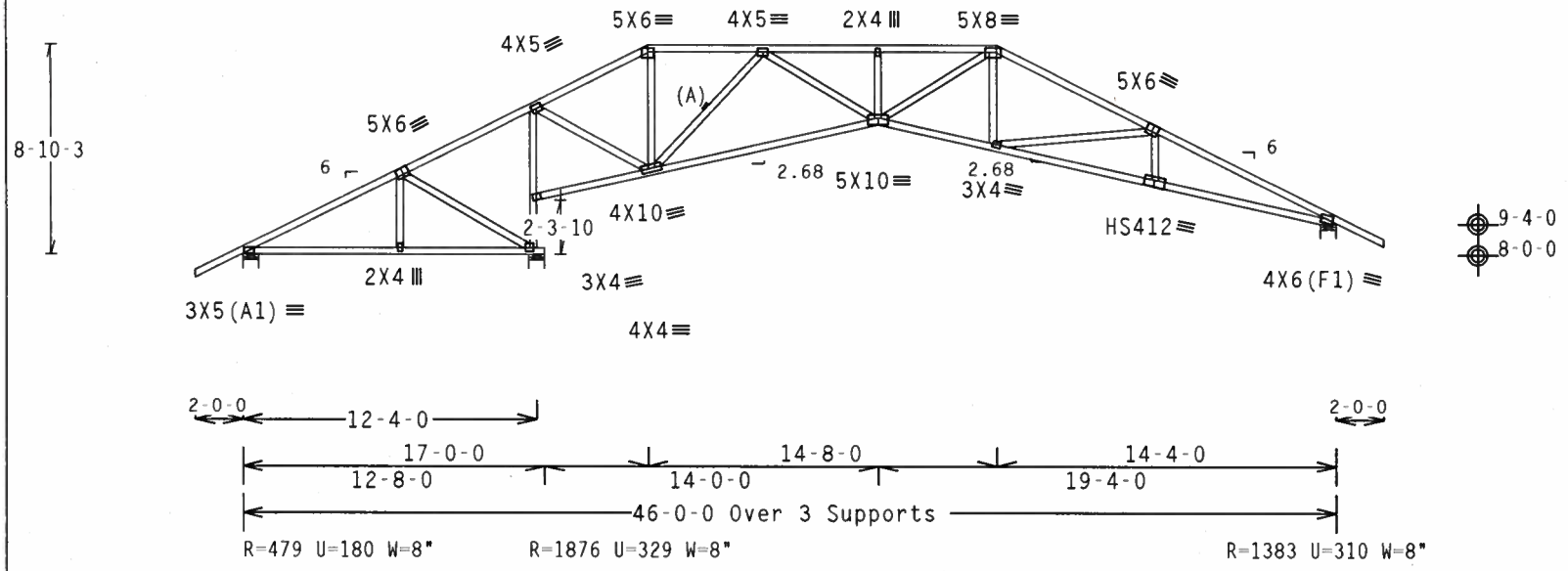
(A) Continuous lateral bracing equally spaced on member.

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 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
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1950 Marley Drive

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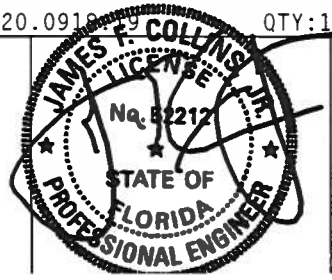

TC LL	20.0 PSF	REF	R6384- 84999
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348258
BC LL	0.0 PSF	HC-ENG	MNM/AP
TOT.LD.	37.0 PSF	SEQN-	30936
DUR.FAC.	1.25		

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T9)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

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

Shim all supports to solid bearing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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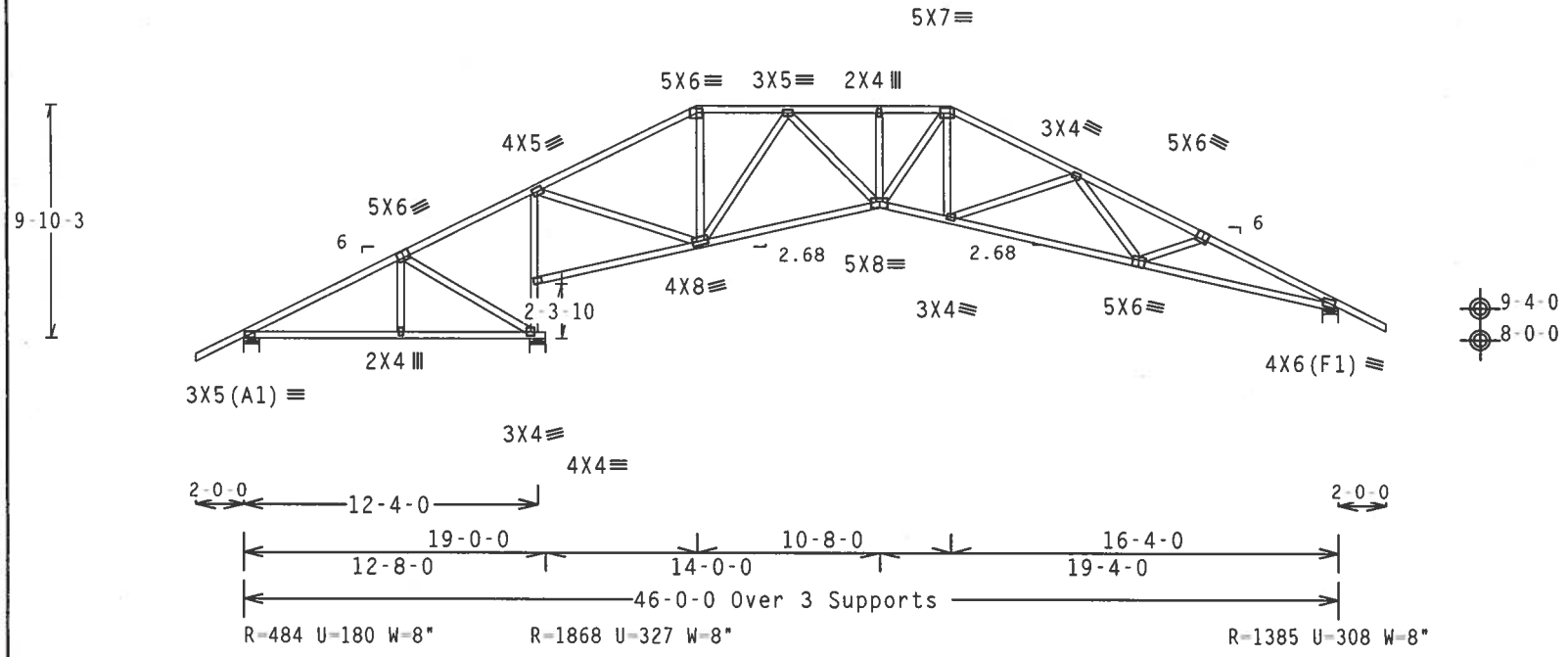

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918 1

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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TC LL	20.0 PSF	REF R6384- 85000
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348264
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35321
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T8)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

(A) Continuous lateral bracing equally spaced on member.

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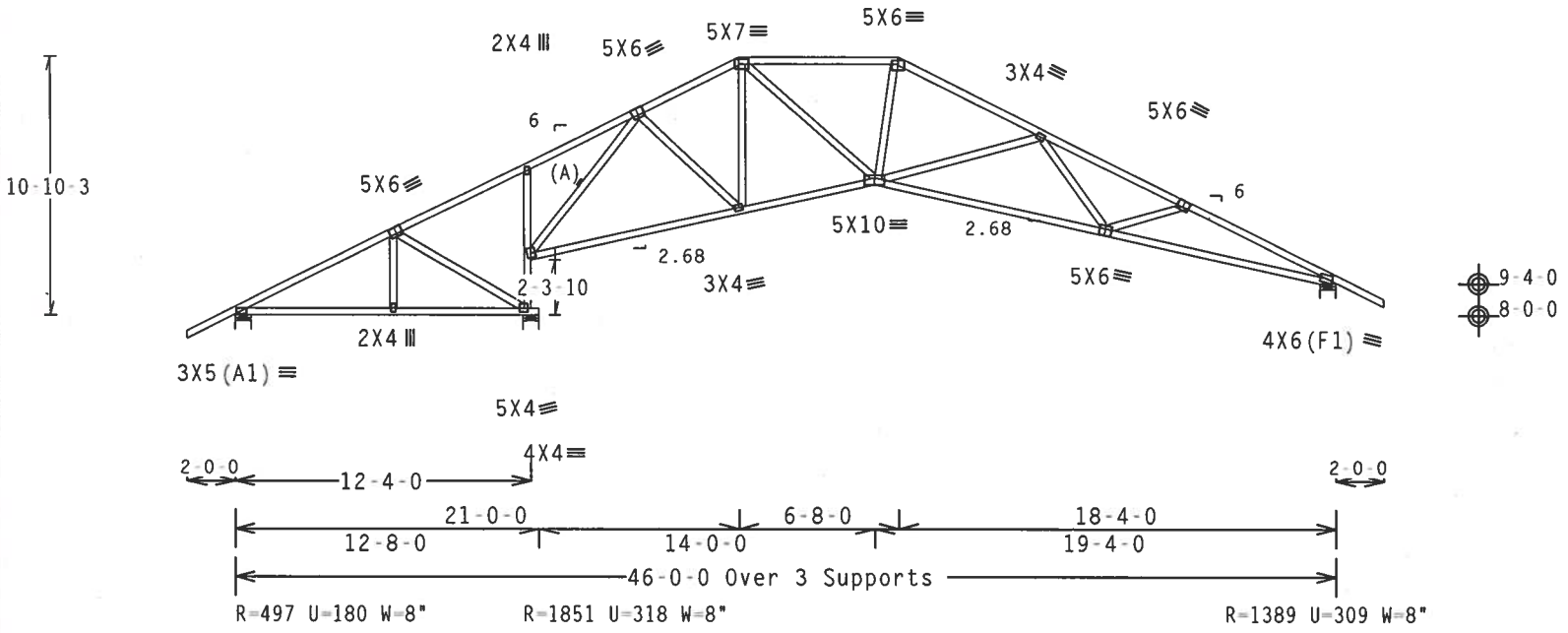
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0919 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
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1950 Marley Drive

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TC LL	20.0 PSF	REF	R6384- 85001
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348265
BC LL	0.0 PSF		HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN-	35662
DUR.FAC.	1.25		

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T6)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

(A) Continuous lateral bracing equally spaced on member.

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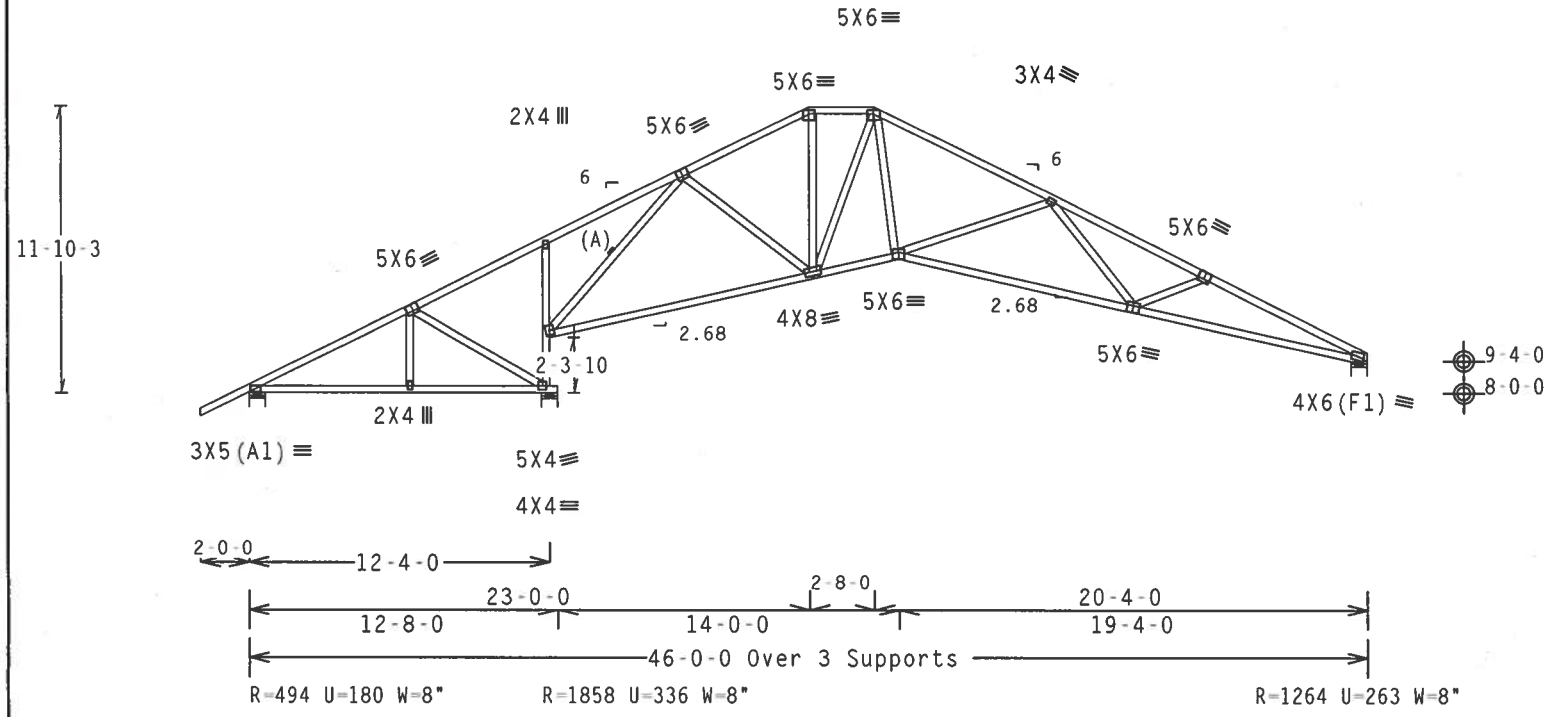
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
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1950 Marley Drive

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0	PSF
TC DL	7.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	

REF	R6384- 85002
DATE	12/14/05
DRW	HCUSR6384 05348261
HC-ENG	MNM/AP
SEQN-	35657

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T4)

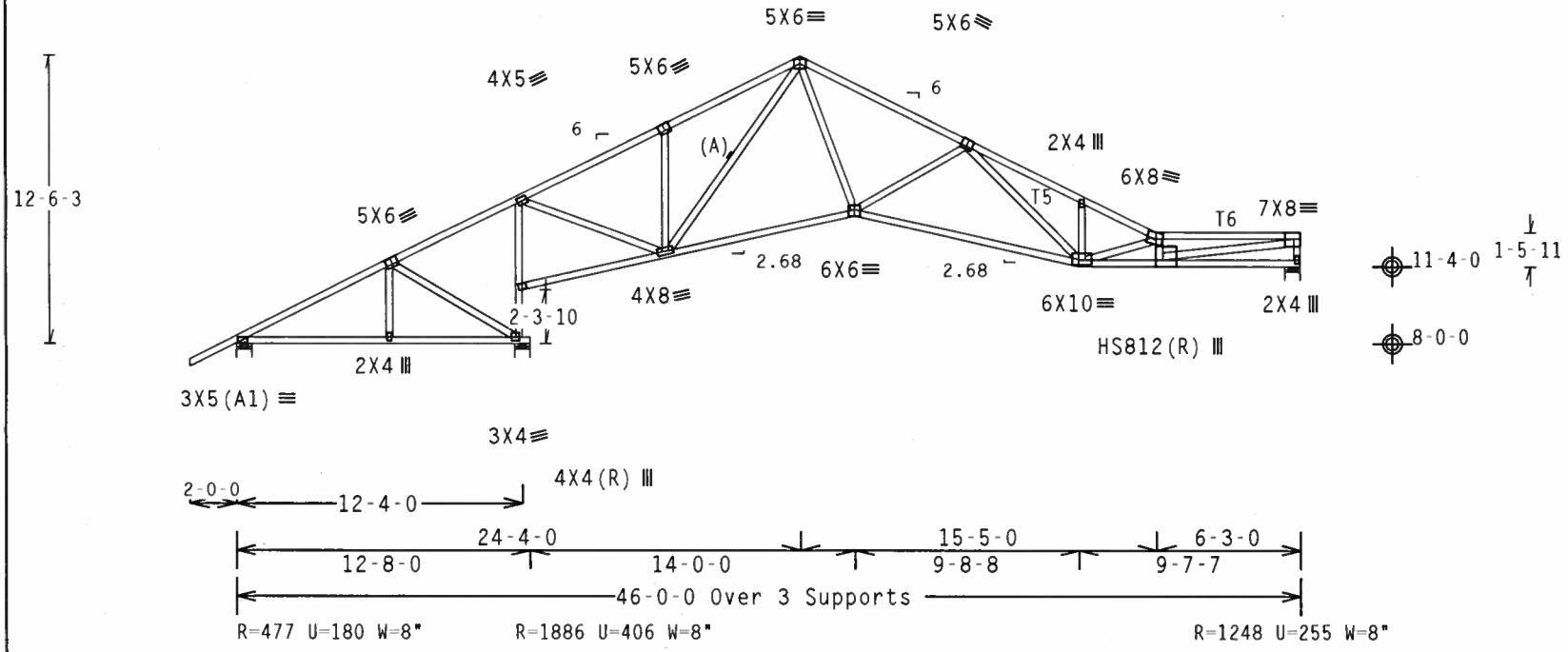
Top chord 2x4 SP #1 :T5, T6 2x4 SP SS Dense:
Bot chord 2x4 SP #1
Webs 2x4 SP #2

(A) Continuous lateral bracing equally spaced on member.

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 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave | Cq/RT=1.00(1.25)/10(0) | 7.20.0918.10 | QTY:1 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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TC LL	20.0 PSF	REF	R6384- 85003
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348262
BC LL	0.0 PSF	HC-ENG	MNM/AP
TOT.LD.	37.0 PSF	SEQN-	35339
DUR.FAC.	1.25		

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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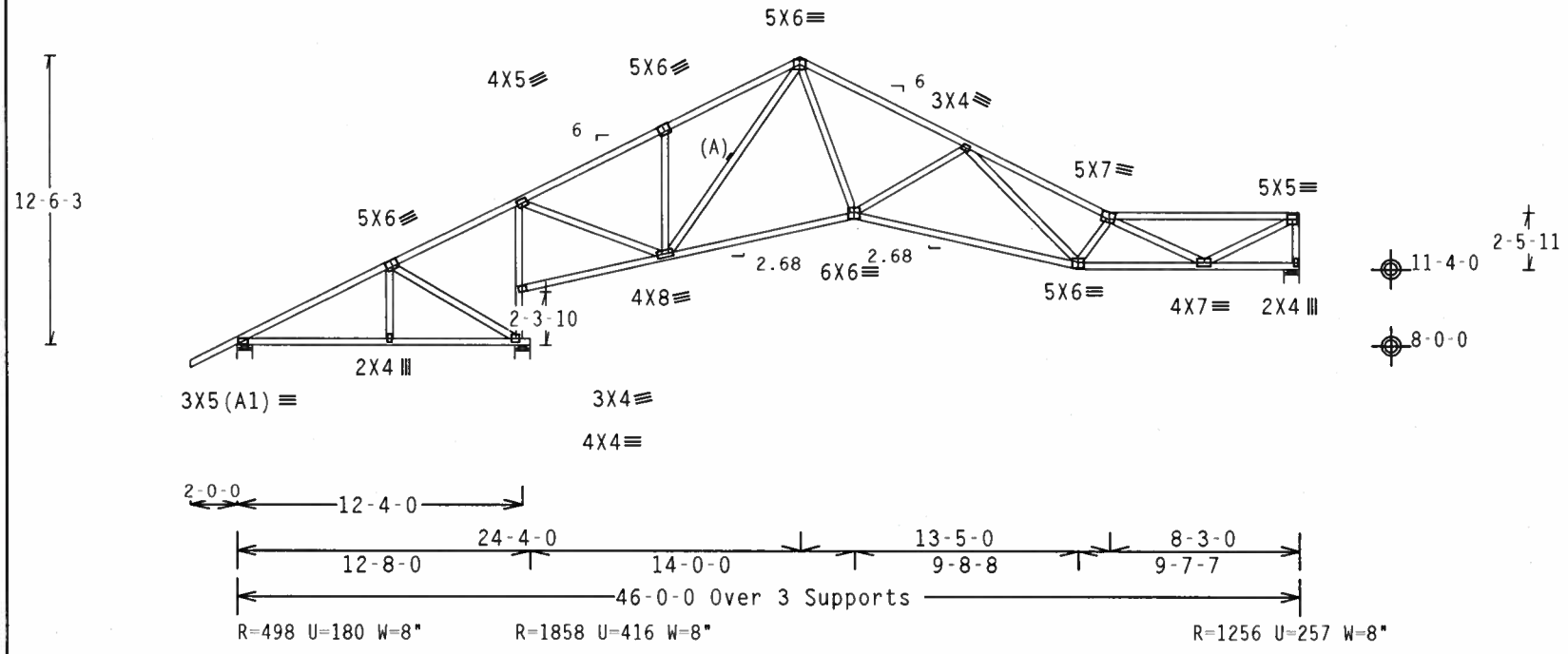

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

JAMES F COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R6384- 85004
TC DL	7.0 PSF	DATE 12/14/05
BC DL	10.0 PSF	DRW HCUSR6384 05348260
BC LL	0.0 PSF	HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN- 35345
DUR.FAC.	1.25	

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T3)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2

(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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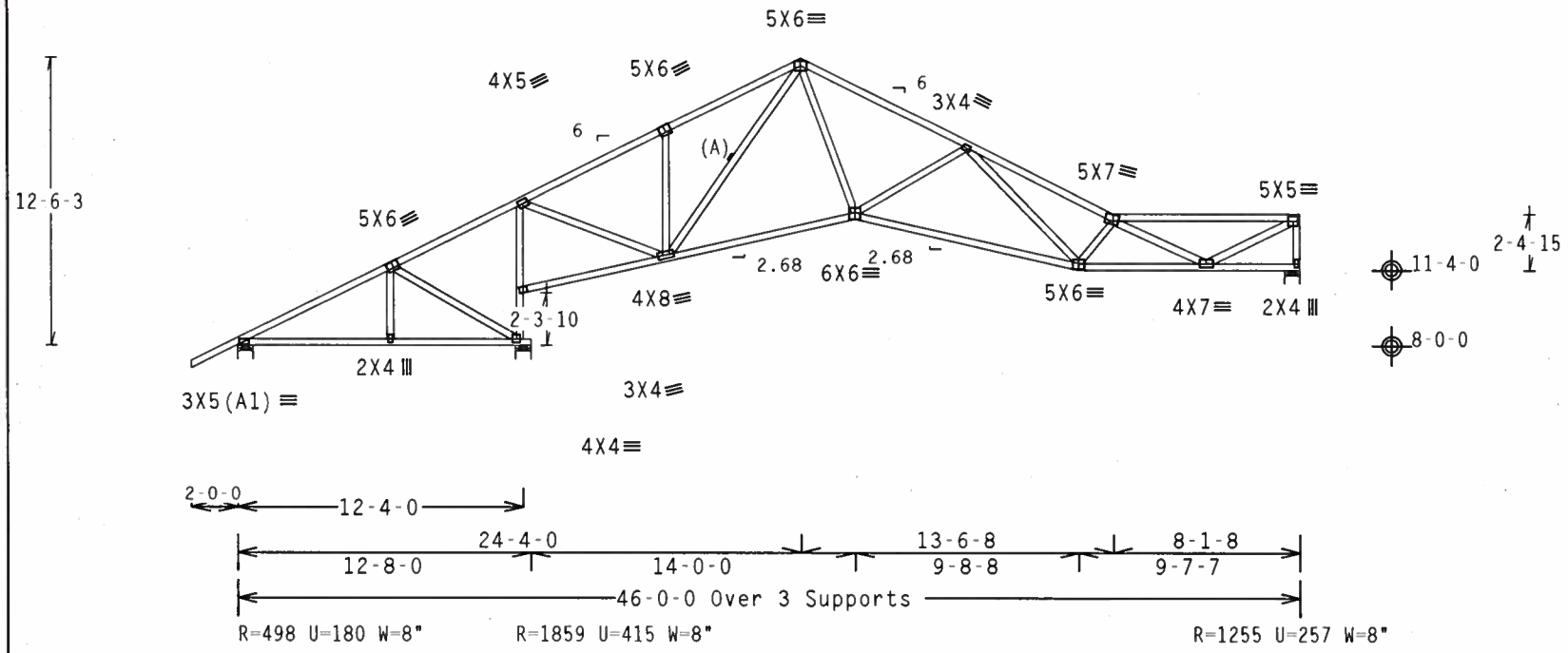

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918.10

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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TC LL	20.0	PSF
TC DL	7.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	

REF	R6384- 85005
DATE	12/14/05
DRW	HCUSR6384 05348259
HC-ENG	MNM/AP
SEQN-	35351

(13014--KS -Homes By Whittaker -Executive - 2046 - Schimp -- Ocala, FL - T5)

Top chord 2x4 SP #1 :T5, T6 2x4 SP SS Dense:
Bot chord 2x4 SP #1
Webs 2x4 SP #2 :W13 2x4 SP #1:

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

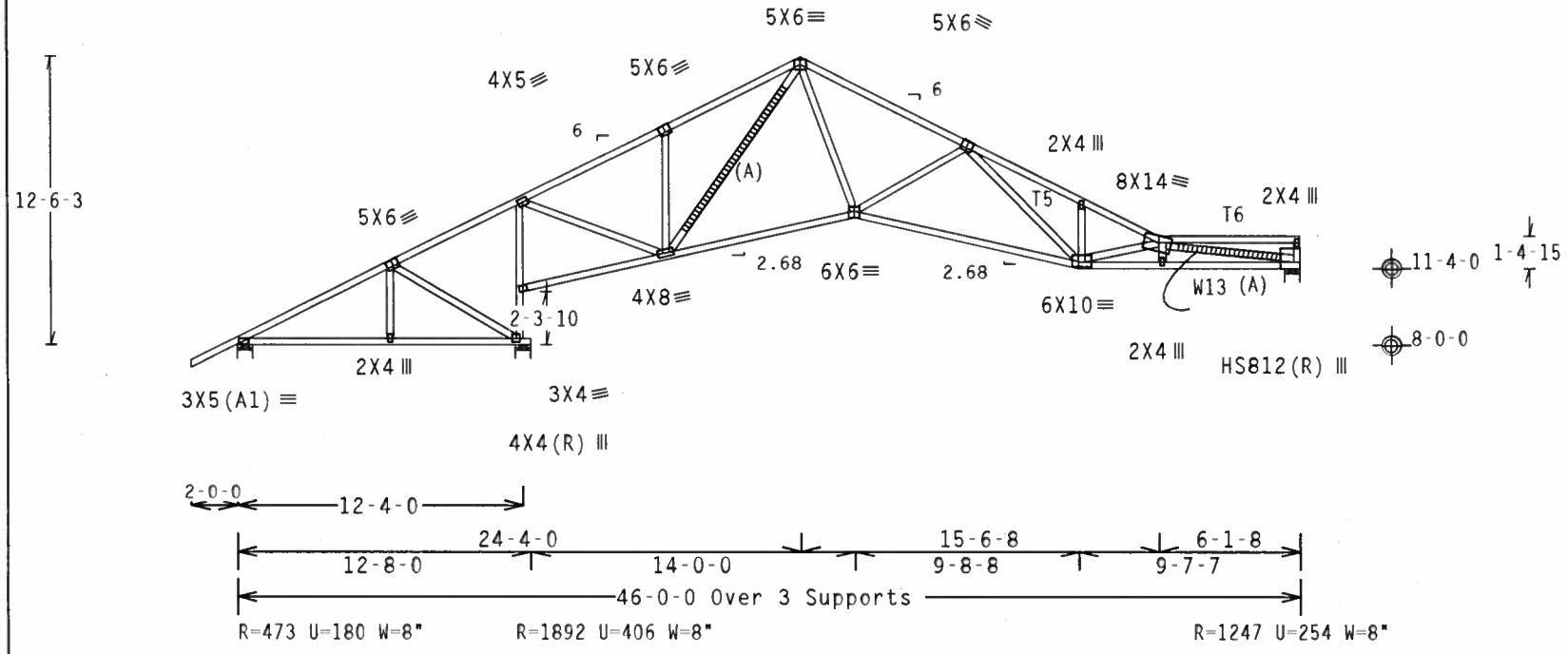
SCAB BRACING MAY BE USED IN LIEU OF CLB BRACING. SUBSTITUTE (1) SCAB FOR (1) CLB AND (2) SCABS FOR (2) CLB'S WHERE SHOWN. BRACING TO BE SAME SIZE, SPECIES, GRADE, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 0.128"x3" NAILS @ 6" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

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

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.

ALL "T" BRACES, "L" BRACES AND SCAB BRACING ARE SP LUMBER.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.22.1122 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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TC LL	20.0 PSF	REF	R6384- 85006
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348252
BC LL	0.0 PSF	HC-ENG	MNM/AP
TOT.LD.	37.0 PSF	SEQN-	86382 REV
DUR.FAC.	1.25		

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B2 2x4 SP SS Dense:
Webs 2x4 SP #2

Calculated horizontal deflection is 0.14" due to live load and 0.13" due to dead load.

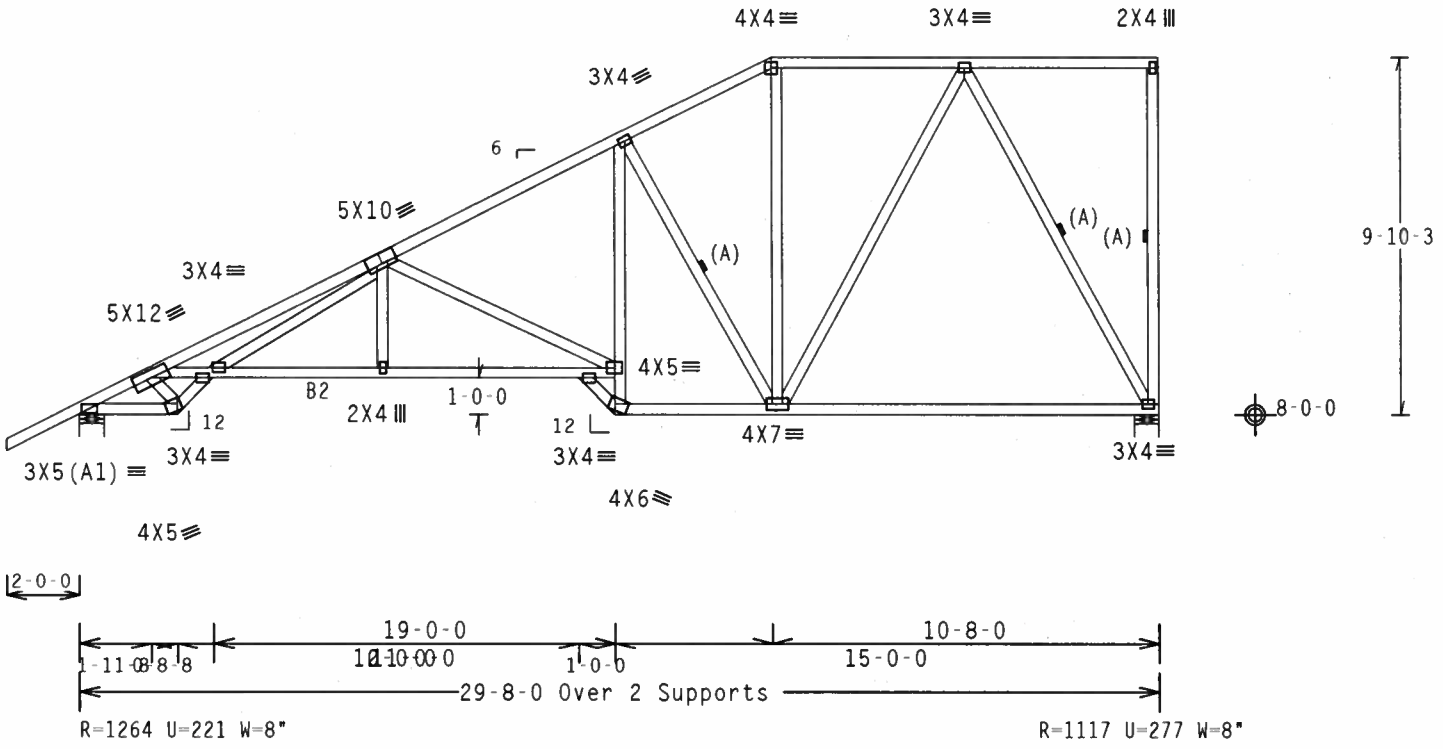
Deflection meets L/360 live and L/240 total load.

LATERALLY BRACE BC AT 24" OC IN LIEU OF RIGID CEILING.
LATERALLY BRACE BC ABOVE FILLER AT 24" OC.
CHORD ENDS TO BE LATERALLY BRACED.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.20.0918 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
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1950 Marley Drive

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TC LL	20.0 PSF	REF	R6384- 85007
TC DL	7.0 PSF	DATE	12/14/05
BC DL	10.0 PSF	DRW	HCUSR6384 05348249
BC LL	0.0 PSF		HC-ENG MNM/AP
TOT.LD.	37.0 PSF	SEQN-	35709
DUR.FAC.	1.25		

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

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

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

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

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

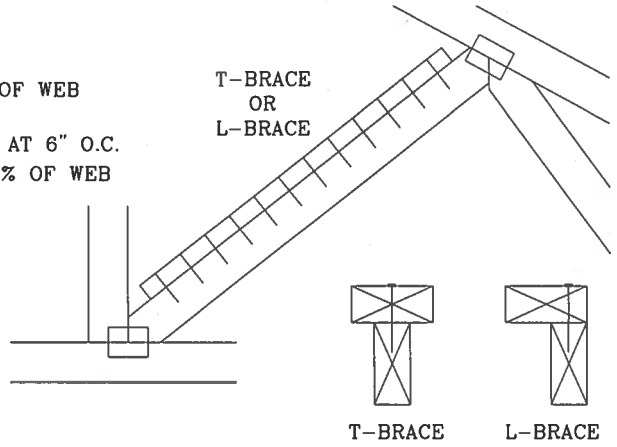
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE

ATTACH WITH 16d NAILS AT 6" O.C.

BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

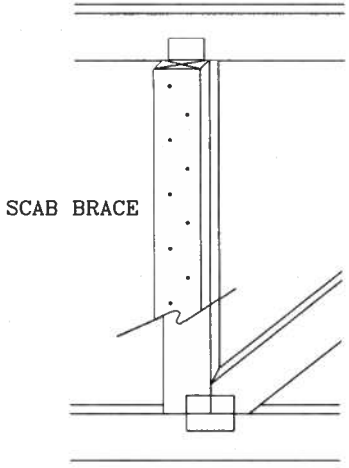


SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.

NO MORE THAN (1) SCAB PER FACE.

ATTACH WITH 10d OR .128"x3" GUN NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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DEC 15 '03

TC LL	PSF	REF CLB SUBST.
TC DL	PSF	DATE 11/26/03
BC DL	PSF	DRWG BRCLBSUB1103
BC LL	PSF	-ENG MLH/KAR
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

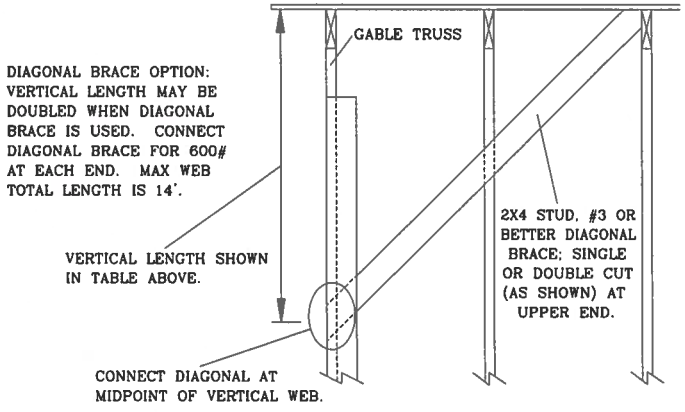
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

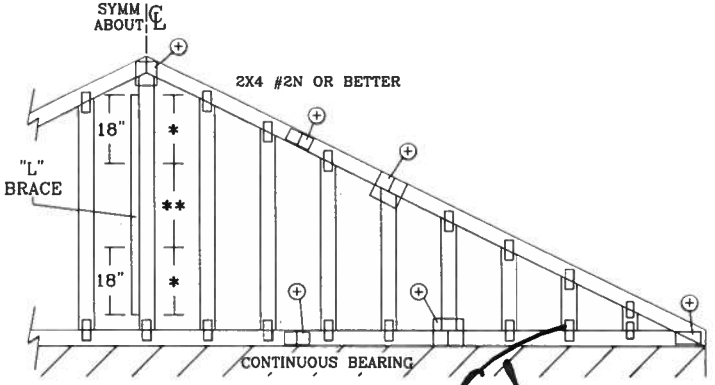
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

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





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

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

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

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POMPANO BEACH, FLORIDA

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

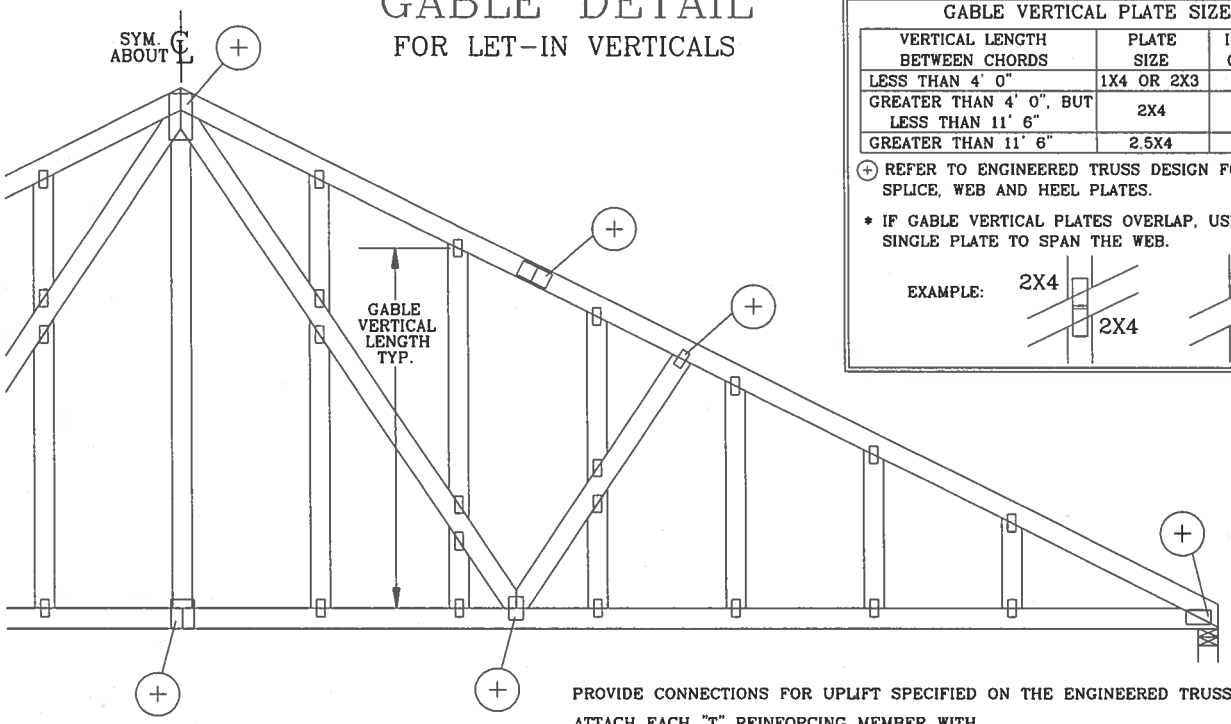
JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 5

MAX. TOT. LD. 60 PSF

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

GABLE DETAIL
FOR LET-IN VERTICALS

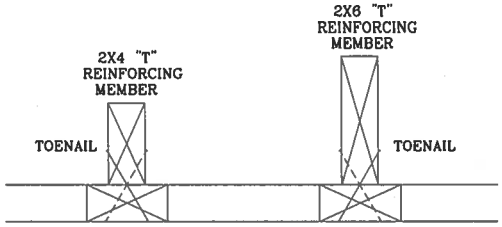


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

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

EXAMPLE:



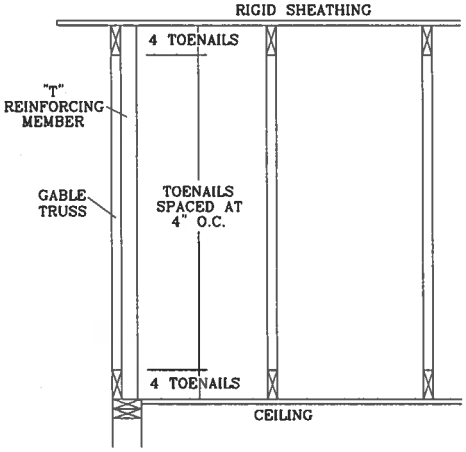
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

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

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

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

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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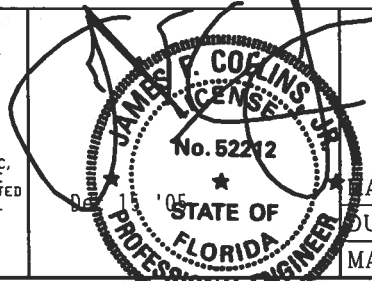


MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

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

Embedded Truss Anchors – HTA & TA series continued

HTA16-18	META16	18	1-1/4	16	(14) 10d x 1-1/2	1475	2375	2750	2875	2450	245	325	490	660
					(12) 10d	1500	2375	2750	2875	2450	245	325	490	660
HTA20-18	META20	18	1-1/4	20	(15) 10d x 1-1/2	1500	2375	2750	2875	2450	245	325	490	660
					(12) 10d	1500	2375	2750	2875	2450	245	325	490	660
HTA24-18	META24	18	1-1/4	24	(15) 10d x 1-1/2	1500	2375	2750	2875	2450	245	325	490	660
					(12) 10d	1500	2375	2750	2875	2450	245	325	490	660
HTA12	HETA12	16	1-1/4	12	(6) 10d x 1-1/2	630	1265	1265	1265	1265	430	660	860	1320
					(6) 10d	775	1310	1550	1550	1550	590	660	1180	1320
HTA16	HETA16	16	1-1/4	16	(14) 10d x 1-1/2	1475	2375	2750	2875	2950	245	330	490	660
					(14) 10d	1810	2375	2750	2875	3125	245	330	490	660
HTA20	HETA20	16	1-1/4	20	(18) 10d x 1-1/2	1890	2375	2750	2875	3125	245	330	490	660
					(15) 10d	1890	2375	2750	2875	3125	245	330	490	660
HTA24	HETA24	16	1-1/4	24	(18) 10d x 1-1/2	1890	2375	2750	2875	3125	245	330	490	660
					(15) 10d	1890	2375	2750	2875	3125	245	330	490	660
TA12	--	14	1	10-1/2	(7) 10d x 1-1/2	740	1475	1475	1475	1475	245	335	490	670
					(7) 10d	925	1845	1845	1845	1845	245	335	490	670
TA14	--	14	1	12-1/2	(9) 10d x 1-1/2	950	1900	1900	1900	1900	245	335	490	670
					(9) 10d	1185	2375	2375	2375	2375	245	335	490	670
TA16	--	14	1	14-1/2	(11) 10d x 1-1/2	1180	2320	2320	2320	2320	245	335	490	670
					(11) 10d	1450	2375	2750	2875	2905	245	335	490	670
TA18	--	14	1	16-1/2	(13) 10d x 1-1/2	1370	2375	2740	2740	2740	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670
TA20	--	14	1	18-1/2	(15) 10d x 1-1/2	1520	2375	2750	2875	3040	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670
TA22	--	14	1	20-1/2	(15) 10d x 1-1/2	1520	2375	2750	2875	3040	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670
TA24	--	14	1	22-1/2	(15) 10d x 1-1/2	1520	2375	2750	2875	3040	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670

1) Allowable loads have been increased 33-1/3% or 60% for wind or seismic loads; no further increase shall be permitted.
2) Anchors are installed on opposite sides of the wood member, centered in masonry bond beam.
3) Where 10d nails are used, minimum wood thickness is 1-3/4".
4) Grout or concrete compressive strength shall be 2500 psi or greater at 28 days.
5) 10d x 1-1/2 nails are 9 gauge (0.148" diameter) by 1-1/2" long.
6) Minimum nail penetration shall be 1-3/4" for 10d nails.

The HTT22 is a single-piece formed tension tie—no rivets, and a 4-ply formed seat which won't unfold during loading. No washers required. The LTT19 Light Tension Tie is designed for 2x joists or purlins and the LTT20B is for nail- or bolt-on applications. The 3" nail spacing makes the LTT20B suitable for wood I-joists if 10dx1½" nails are substituted for the specified 16d's.

The LTTI31 is designed for wood chord open web truss attachments to concrete or masonry walls.

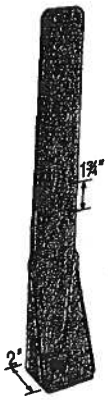
MATERIAL: See table

FINISH: Galvanized. May be ordered HDG; check factory.

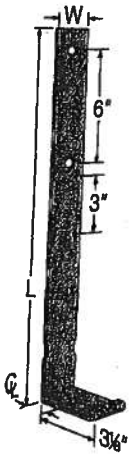
INSTALLATION:

- Use all specified fasteners. See General Notes.
- Use the specified number and type of nails to attach the strap portion to the top or side of purlin or beam (minimum 4x width (2-2x4 or 4x4), except LTT19). Bolt the base to the wall or foundation with a suitable anchor; see table for the required bolt diameter.
- Do not install LTT and MTT tension ties raised.
- **The HTT22 can be substituted for the MTT28B.**
- See Epoxy-Tie Adhesive System, pages 22 for tested, load-rated epoxies for anchor bolt options.

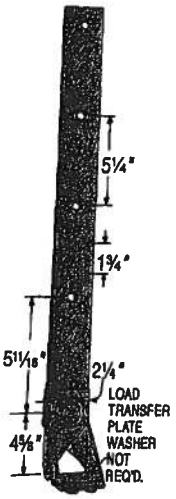
CODES: See page 10 for Code Listing Key Chart.



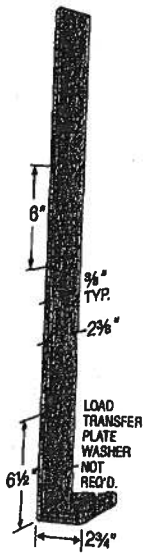
HTT22
(HTT16 similar)
U.S. Patent 5,467,570



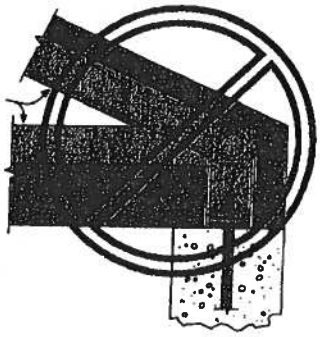
LTT20B



MTT28B
U.S. Patent 4,744,192



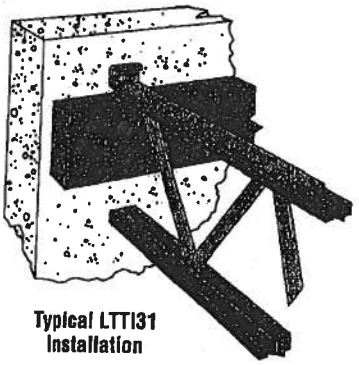
LTTI31



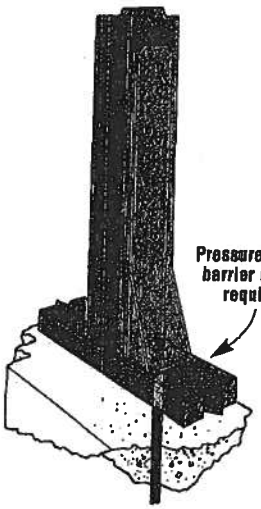
Do not modify the MTT28B.

Do not rotate the MTT28B's strap around the rivet.
The strap must be in line vertically with the body of the holdown to achieve table loads.

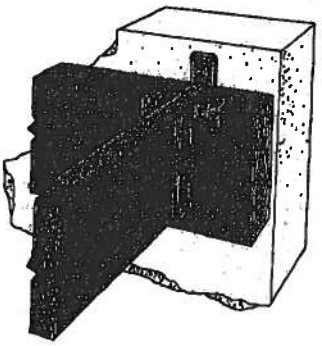
See Girder Tiedown Connectors on page 126 for installation solutions.



Typical LTTI31 Installation



Typical HTT22 Installation as a Holdown



Typical LTT19 Installation
(LTT20B similar)

Model No.	Material (Ga)		Dimensions			Seat Thick-ness	Fasteners				Avg Ult Tension	Allowable Tension Loads - SPF/HF (133)				Allowable Tension Loads - SPF/HF (133)	Allowable Tension Loads - SPF/HF (160)	Deflection at Highest Allowable Design Load	Code Ref.
	Strap	Plate	W	L	℄		Anchor Bolts	Nails	Bolts Qty	Bolts Dia		(133) Nails	(133) Bolts	(160) Nails	(160) Bolts	Nails	Nails		
LTT19	16	3	1¾	19⅛	1⅜	⅝	¾	8-16d Sinkers	—	—	4250	1205	—	1350	—	1085	1305	0.107	2, 40, 82
LTT20B[6]	12	3	2	19¼	1⅜	⅝	½, ⅝ or ¾	10-16d	2	½	8733	1750	1220	1750	1460	1675	1750	0.164	
LTTI31	18	3	3¾	31	1⅜	¼	⅝	18-10dx1½	—	—	7770	[illegible]				1985	2310	0.125	6, 40, 82
HTT16	11	—	2½	16	1⅜	⅞	⅝	18-16d	—	—	13150	[illegible]				3080	3695	0.037	30, 99
HTT22	11	—	2½	22	1⅜	⅞	⅝	32-16d Sinkers	—	—	13150	5250	—	5260	—	4670	5250	0.087	40, 99
MTT28B	12	7	2⅛	27	1½	⅜	⅝ or ¾	24-16d	4	½	—	4455	2150	4455	2725	4140	4455	0.125	40

1. Allowable loads for HTT are based on the lower of the 2001 NDS fastener values or the ultimate load on a steel test jig divided by 2.5.
2. 16d sinkers (9 ga x 3¼") or 10d commons may be substituted for the specified 16d commons at 0.85 of the table loads.
3. The designer must specify anchor bolt type, length and embedment.
4. Allowable loads have been increased 33% and 60% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.
5. Bolt values are based on a minimum lumber thickness of 1½".
6. If a ½" or ⅝" anchor bolt is used for the LTT20B, add a standard cut washer to the seat. No additional washer is required for a ¾" anchor bolt. See table for appropriate anchor bolt sizes.
7. HTT22 holdown installed raised off the plate has a reduced load of 5190 lbs. HTT16 installed raised off the plate will achieve the table loads.

LUS/MUS/HUS/HHUS/HGUS DOUBLE SHEAR JOIST HANGERS

SIMPSON Strong-Tie

This product is preferable to similar connectors because of a) easier installation, b) higher loads, c) lower installed cost, or a combination of these features.

MUS completes the Simpson Strong-Tie line of face mount truss to truss connectors. The MUS has increased load capacity and bearing compared to LUS connectors for medium load truss applications.

All hangers in this series have double shear nailing. This patented innovation distributes the load through two points on each joist nail for greater strength. It also allows the use of fewer nails, faster installation, and the use of common nails for all connections. *(Do not bend or remove tabs)*

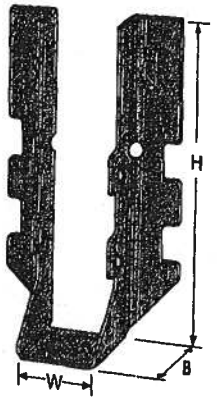
MATERIAL: See tables on page 105.

FINISH: Galvanized. Some products available in stainless steel or Z-MAX; see Corrosion-Resistance, page 5.

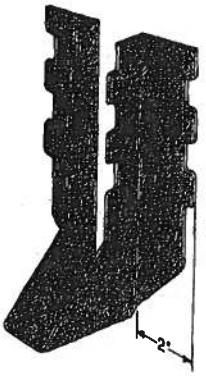
INSTALLATION • Use all specified fasteners. See General Notes.
- Nails must be driven at an angle through the joist or truss into the header to achieve the table loads.
- Not designed for welded or nailer applications.
- 16d sinkers *(9 gauge x 3¼")* may be used where 10d commons are specified with no reduction in load. Where 16d commons are specified, 10d commons or 16d sinkers *(9 gauge x 3¼")* may be used at 0.85 of the table load.
- With 3x carrying members, use 16d x 2½" nails into the header and 16d commons into the joist with no load reduction. With 2x carrying members, use 10d x 1½" nails into the header and 10d commons into the joist, and reduce the load to 0.64 of the table value.

OPTIONS: • LUS and MUS hangers cannot be modified.
- HUS hangers available with the header flanges turned in for 2-2x *(3⅛")* and 4x only, with no load reduction. See HUSC Concealed Flange illustration.
- Concealed flanges are not available for HGUS and HHUS.
- See Hanger Options, page 158, for sloped and/or skewed HHUS models.
- Other sizes available; consult your Simpson representative.

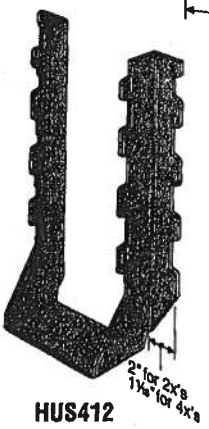
CODES: See page 10 for Code Listing Key Chart.



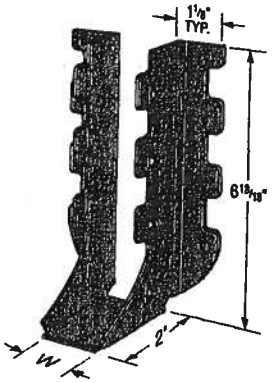
LUS28



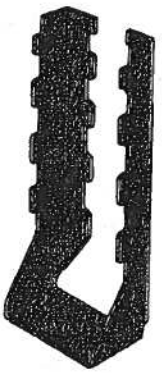
HUS210 ***(HUS26, HUS28, and HHUS similar)***



HUS412

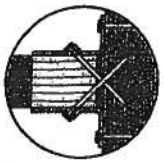


MUS28



HUSC Concealed Flanges ***(not available for HHUS, HGUS and HUS2x)***

Double Shear Nailing Side View



Double Shear Nailing Top View

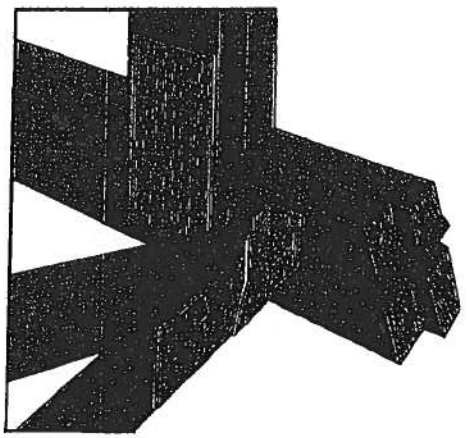
Dome Double Shear Nailing prevents tabs breaking off ***(available on some models)***

U.S. Patent 5,603,580

HGUS28-2

Model No.	Min. Heel Height	Ga	Dimensions W	Dimensions H	Dimensions B	Fasteners Carrying Member	Fasteners Carried Member
SINGLE 2x SIZES							
LUS24	2⅝	18	1⅝	3⅛	1¼	4-10d	2-10d
LUS26	4¼		1⅝	4¾	1¼	4-10d	4-10d
MUS26	4¹¹⁄₁₆	18	1⅝	5⅜	2	6-10d	6-10d
LUS28	4⅝	18	1⅝	6⅛	1¼	6-10d	4-10d
MUS28	6⅜	18	1⅝	6¹³⁄₁₆	2	8-10d	8-10d
LUS210	4¼	18	1⅝	7³⁄₁₆	1¼	8-10d	4-10d
HUS26	4⅝	16	1⅝	5⅜	3	14-16d	6-16d
HGUS26	4⅝	12	1⅝	5⅜	5	20-16d	8-16d
HUS28	6½	16	1⅝	7	3	22-16d	8-16d
HGUS28	5½	12	1⅝	7⅛	5	36-16d	12-16d
HUS210	8⅜	16	1⅝	9	3	30-16d	10-16d

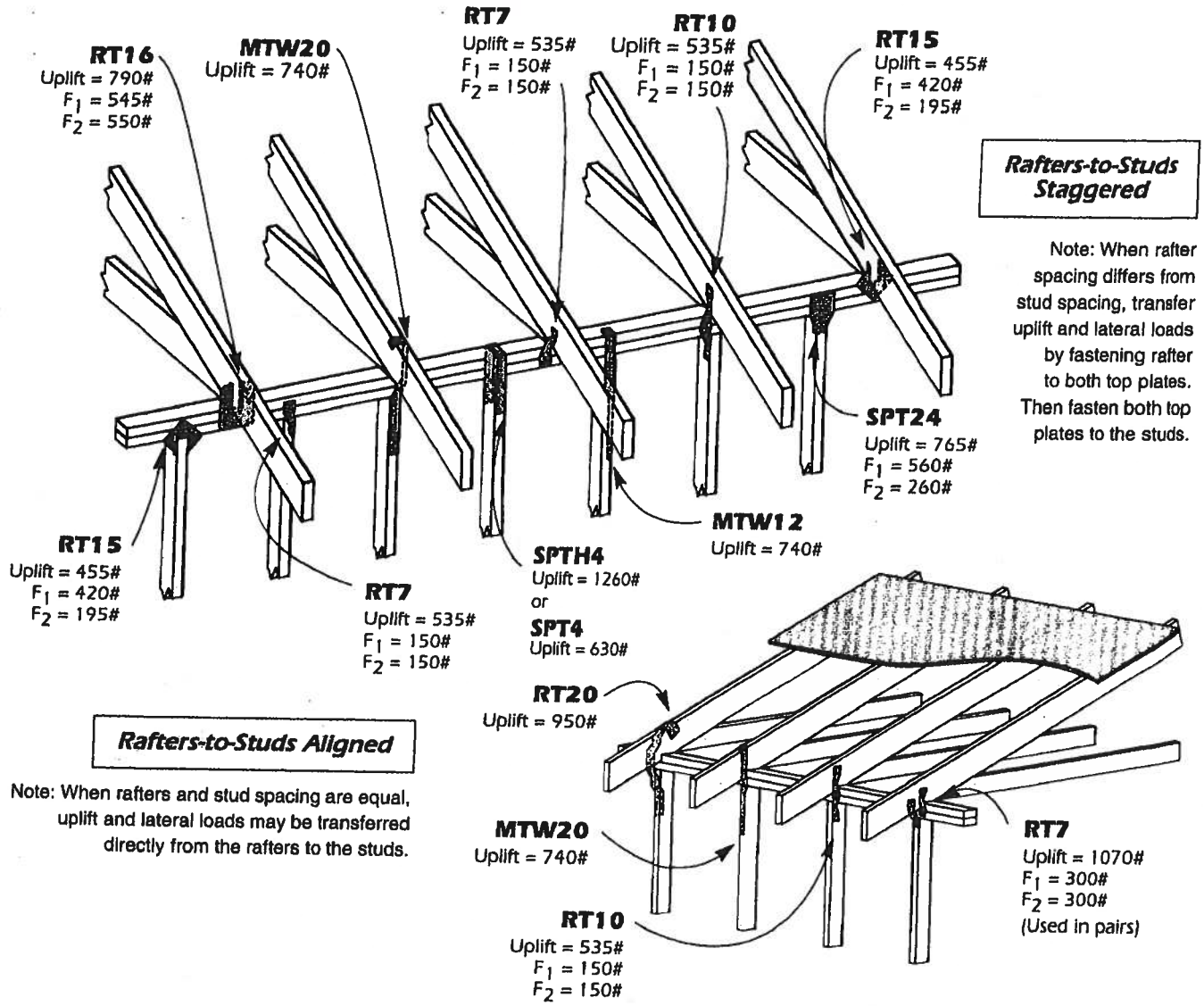
Model No.	Min. Heel Height	Fasteners Carrying Member	Fasteners Carried Member	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Spruce-Pine-Fir Allowable Loads Uplift (133)	Floor (100)	Snow (115)	Roof (125)	Wind (133)
HUS26	3½	14-16d	4-16d	1135	2330	2680	2915	3055	975	2010	2295	2330	2355
	4⁵⁄₁₆	14-16d	6-16d	1550	2565	2950	3205	3335	1335	2210	2490	2540	2580



Typical HUS26 with Reduced Heel Height

(Truss Designer to provide fastener quantity for connecting multiple members together)

Rafter and Truss Connections



Rafters-to-Studs Staggered

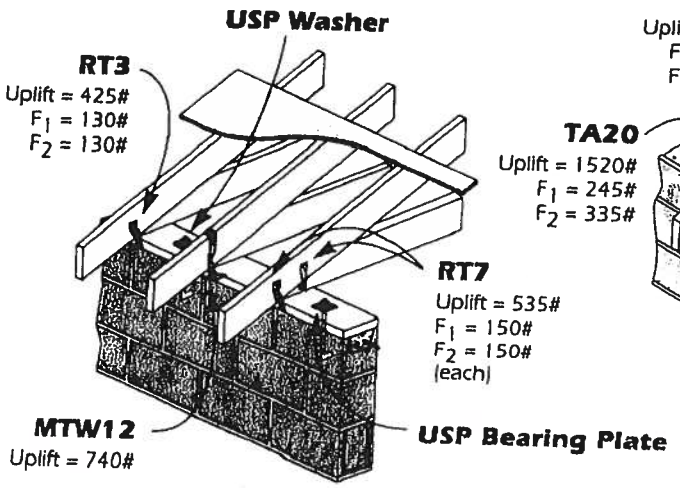
Note: When rafter spacing differs from stud spacing, transfer uplift and lateral loads by fastening rafter to both top plates. Then fasten both top plates to the studs.

Rafters-to-Studs Aligned

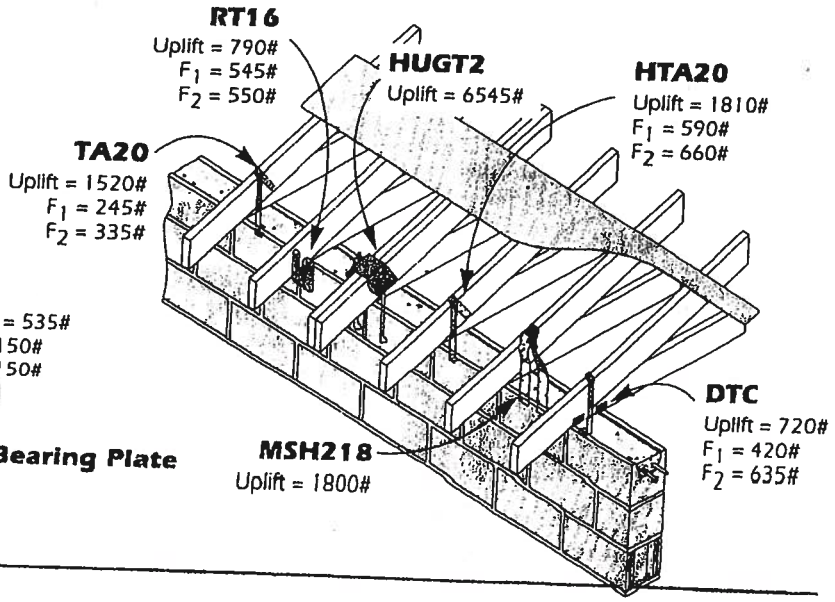
Note: When rafters and stud spacing are equal, uplift and lateral loads may be transferred directly from the rafters to the studs.

Masonry Walls to Rafter or Truss

Rafter-to-Top Plate



Rafter-to-Bond Beam



Values for S-P-F / Hem-Fir

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			
A. SWINGING	Therma-Tru	Construction Series	FL5161.2
B. SLIDING	Better Bilt	470 Series	FL5161.2
C. SECTIONAL/ROLL UP	Ideal Door	W4 4RST, 6RST, 4RSP	542.11
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Better Bilt	Single Hung 740 Series Flange	FL663.24
B. HORIZONTAL SLIDER	NA		
C. CASEMENT	NA		
D. FIXED	~~Better~~ Betterbilt	740 Series Flange	FL676.14
E. MULLION	Better Bilt	Mail Bar Flange	FL.987.6
F. SKYLIGHTS	NA		
G. OTHER	NA		
3. PANEL WALL			
A. SIDING	NA		
B. SOFFITS	Alcoa Home Product	Aluminum Soffit	1621.1
C. STOREFRONTS	NA		
D. GLASS BLOCK	NA		
E. OTHER	NA		
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Tamko Roofing	Heritage 30 yr. Ar. Shi	673.3
B. NON-STRUCT METAL	NA		
C. ROOFING TILES	NA		
D. SINGLE PLY ROOF	NA		
E. OTHER	NA		
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	NA		
B. WOOD ANCHORS	NA		
C. TRUSS PLATES	Simpson Strong tie	HTT 16	503.2
D. INSULATION FORMS	NA		
E. LINTELS	Marion Masonry	Precast + prestressed lintel	2155.1
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

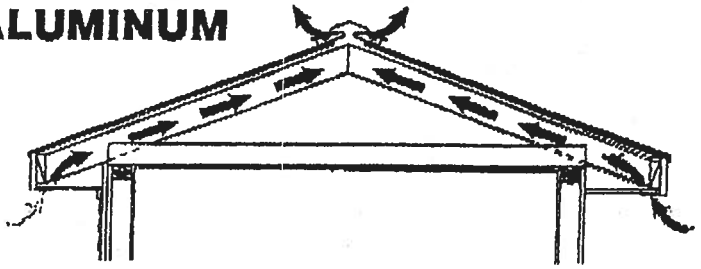
The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product 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.

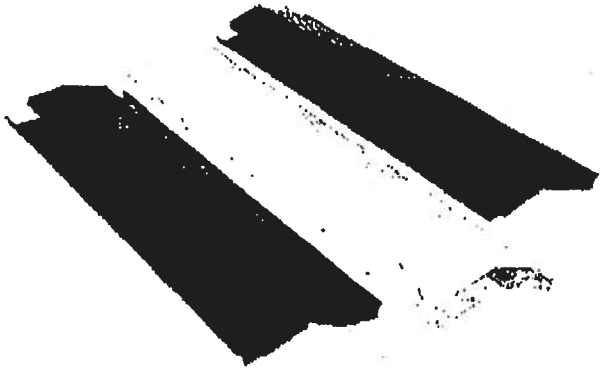
Sandra Cannon

APPLICANT SIGNATURE

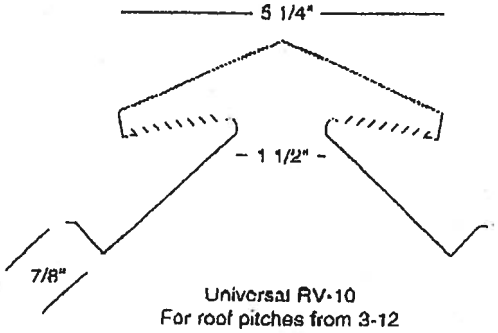
DATE

UNIVERSAL RIDGE VENT-ALUMINUM



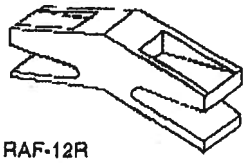


- EMBOSSED ALUMINUM.
- SELF-FLASHING.
- LOW PROFILE modern look blends easily with roof lines.
- ONE PIECE CONSTRUCTION no loose baffles to assemble.
- SAVES ENERGY by removing superheated attic air and reducing air conditioner running time.
- REDUCES DAMAGE to painted surfaces in winter from trapped moisture.
- WEATHER BAFFLE of aluminum is built into the ridge vent shape.
- CAN BE INSTALLED on new or existing construction.
- May be installed with or without connectors.



Universal RV-10
For roof pitches from 3-12
up to 16-12

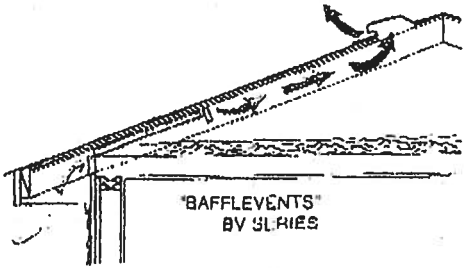
Universal Strap

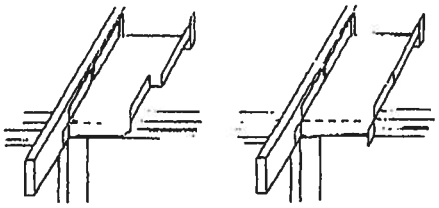


RAF-12R
End Plug/Connector
with Flap

MODEL #	AVAILABLE COLORS	NET FREE AREA PER LIN. FT.	NO. PER CARTON	WT. PER CARTON
RIDGE VENT Bulk 10 ft. lengths				
RV - 10	M, BL, BR, W, LG, WG	16 sq. in.	12	51 lbs.
END PLUG / CONNECTOR				
RAF - 12R	BLACK PLASTIC	NA	36	4lbs.
UNIVERSAL STRAPS				
RVSX - 11	M, BL, BR, W, LG, WG	NA	36	1.75 lbs.

BL = BLACK | BR = BROWN | W = WHITE | WG = WEATHERED GREY





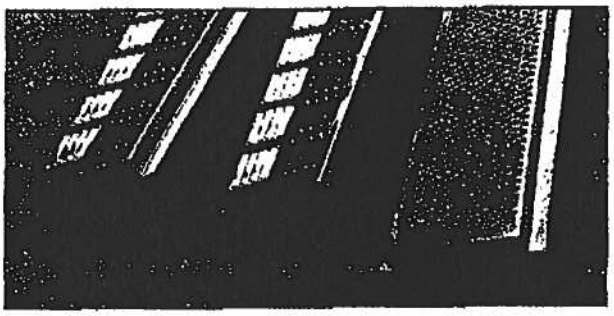
BV-SERIES (31" over all length)

INSULATION BAFFLES AND BAFFLEVENTS

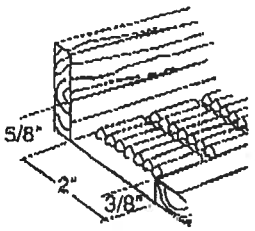
- For new construction or existing buildings 24" O.C.
- Simple low cost installation.
- Helps remove superheated summer air from attic areas.
- Adjustable for greater airflow capacity . . . fewer required.
- Saves energy by protecting insulation efficiency.
- Fits any roof pitch.
- Protects insulation from winter frost and moisture damage.
- Stops wasted insulation from entering soffit areas.
- Permits full insulation thickness for proper "R" ratings.
- Designed for standard rafter or manufactured truss construction.

MODEL #	MATERIAL	FREE AIR RANGE	QUANTITY PER BUNDLE	WT. PER BUNDLE
BV-24"	CARDBOARD	27 to 66 sq. in.	30	15 lbs.

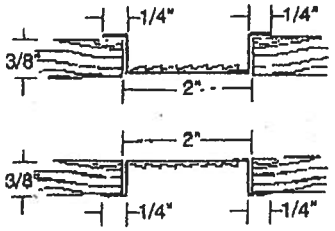
ALUMINUM SOFFIT-STRIP



SA SERIES SAL SERIES SP SERIES
Bi-Directional Louvers
(1/8" x 1" louvers)



SAL SERIES

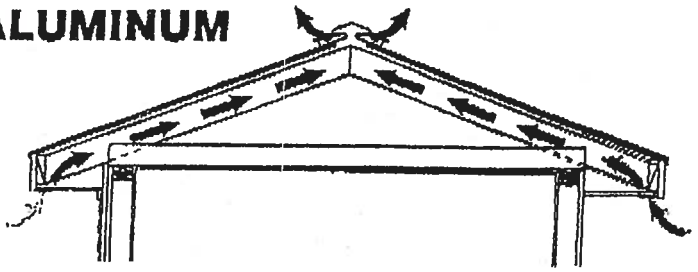


Alternate Installations

MODEL #	AVAILABLE COLORS	WIDTH	SECTION LENGTH	FREE AREA	NO. PER CARTON	WT. PER CARTON
SA SERIES Bi-Directional Louvers (1/8" x 1" louvers)						
SA - 8	M, W, BR	2"	8 ft.	92 sq. in	50	23 lbs.
SP SERIES						
SP - 8	M, W, BR	2"	8 ft.	61 sq. in.	50	19 lbs.
SAL SERIES Bi-Directional Louvers (1/8" x 1" louvers)						
SAL - 8	M, W, BR	2 1/4"	8 ft.	92 sq. in.	50	20 lbs.

	W = WHITE	BR=BROWN

UNIVERSAL RIDGE VENT-ALUMINUM



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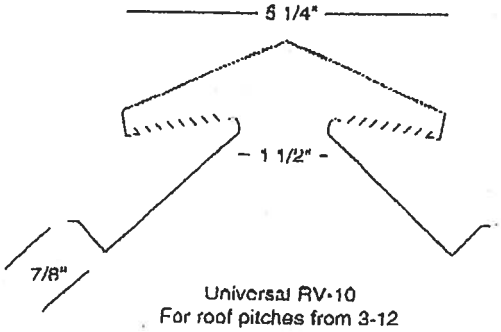

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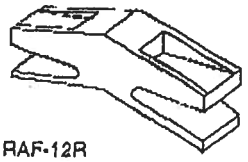

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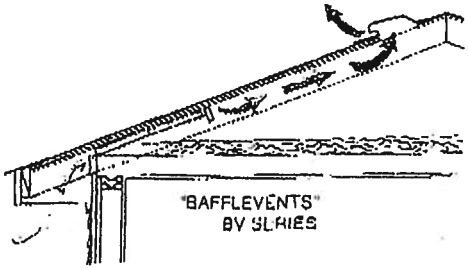
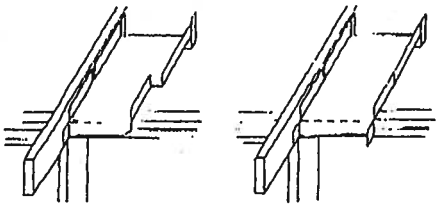
END PLUG / CONNECTOR				
RAF - 12R	BLACK PLASTIC	NA	36	4lbs.
UNIVERSAL STRAPS				
RVSX - 11	M, BL, BR, W, LG, WG	NA	36	1.75 lbs.

BL = BLACK | BR = BROWN | W = WHITE | WG = WEATHERED GREY





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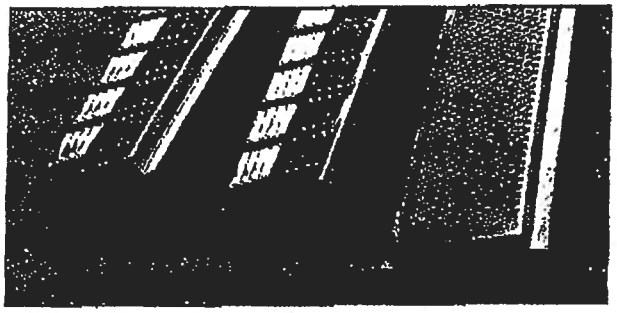

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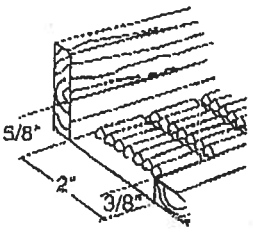
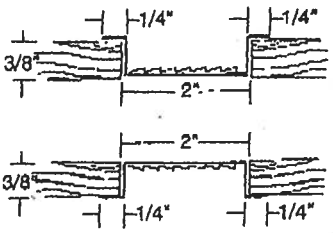


SAL SERIES



Alternate Installations

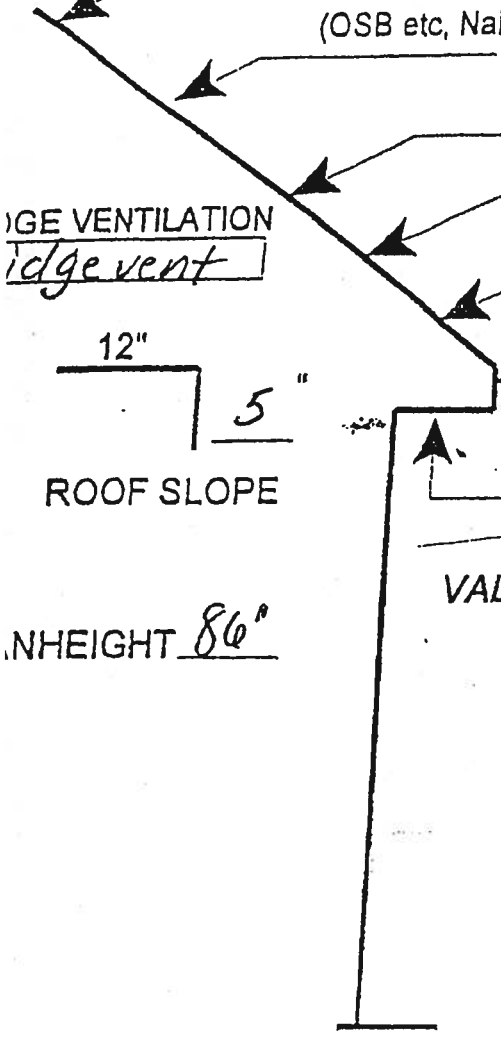
MODEL #	AVAILABLE COLORS	WIDTH	SECTION LENGTH	FREE AREA	NO. PER CARTON	WT. PER CARTON
SA SERIES Bi-Directional Louvers (1/8" x 1" louvers)						
SA - 8	M, W, BR	2"	8 ft.	92 sq. in	50	23 lbs.
SP SERIES						
SP - 8	M, W, BR	2"	8 ft.	61 sq. in.	50	19 lbs.
SAL SERIES Bi-Directional Louvers (1/8" x 1" louvers)						
SAL - 8	M, W, BR	2 1/4"	8 ft.	92 sq. in.	50	20 lbs.

	W = WHITE	BR=BROWN

Homes by Whittaker, Inc.
P. O. Box 771149
Ocala, FL 34477-1149

ROOFING, WINDOW & DOOR REQUIREMENTS

ROOF SYSTEM DESCRIPTION



DECK TYPE: OSB, Gable ends 4"o.c., field 6"o.c., hipends 6", field 12"o.c
(OSB etc, Nail pattern & fastner size) 8d common nail

UNDERLAYMENT: 30# felt
(Felt weight)

FLASHING: 29ga. mil finish 4x5 galvanized

CAP SHEET: N/A
(Flat roof only)

ROOF COVERING: 30 yr. Tamko Architecture
(Mfg. & Nailing) 6 nails per shingle

DRIP EDGE MATERIAL: Aluminum 12"o.c.

EAVE VENTILATION: Vented aluminum soffit

VALLEY: 90# ROLLED ROOFING

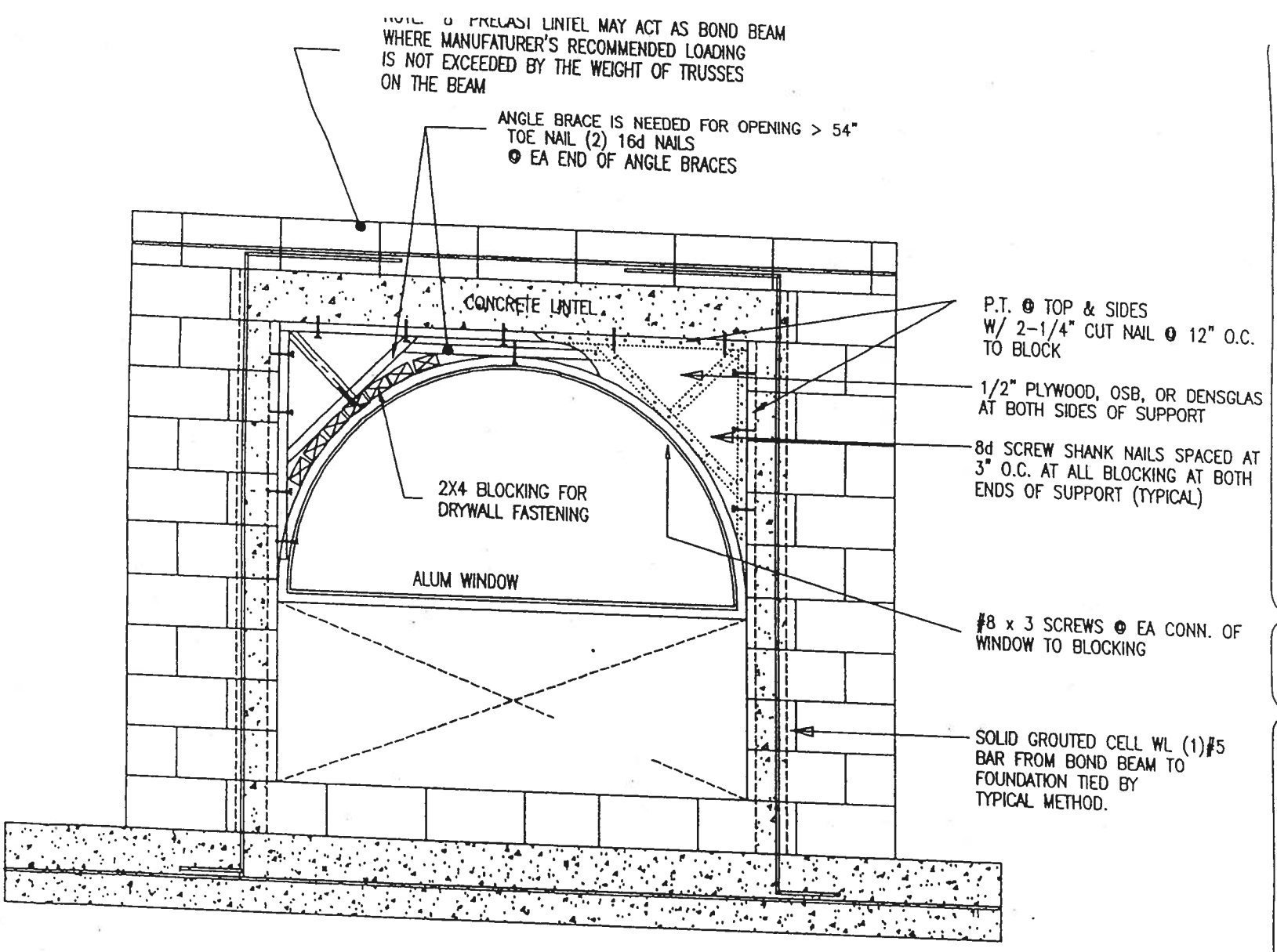
GE VENTILATION
idge vent

12" 5"
ROOF SLOPE

NHEIGHT 86"

WINDLOAD INFO

1. Basic wind speed ___100 mph ✓ 110 mph
2. Wind importance factor 1.00
3. Wind exposure B
4. Internal pressure coefficient ± 0.18
5. Components & cladding (design pressure) ± 29



FRAMING DETAIL @ NON-RECTANGULAR MASONRY OPENING

1. DETAIL APPLIES TO WINDOWS RANGING IN WIDTH FROM 20" TO 76"
2. HALF ROUND DESIGN IS FOR PRESENTATION PURPOSES ONLY. EYEBROW TYPE AND OTHER SIMILAR SHAPES ARE ALSO PERMITTED UNDER THIS CONFIGURATION.

ENGINEER'S NOTES (FL BLDG CODE 2001):

1. DESIGN WIND SPEED = 110 MPH, EXPOSURE B, ENCLOSED
2. LIVE LOAD ROOF = 20 PSF, DEAD LOAD = 12 PSF, FBC 2001

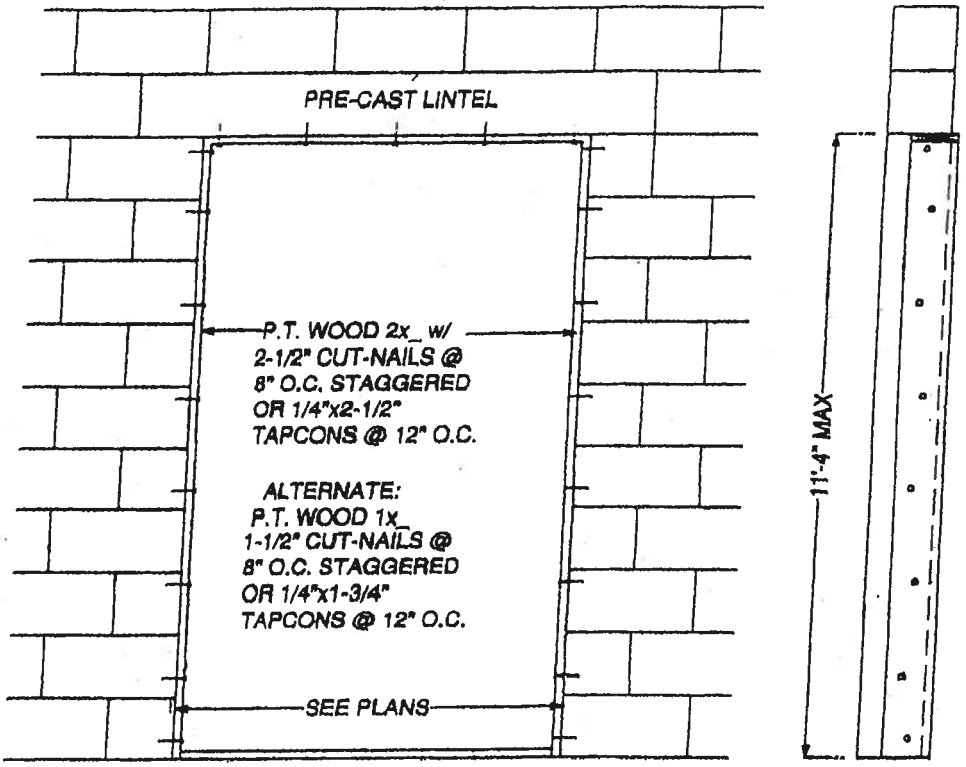
DETAIL TO BE PLACED ON FILE FOR USE BY HOMES BY WHITTAKER

ARCHED WINDOW FRAMING DETAIL

HOMES BY WHITTAKER

1/5/04
1/4"=1'0"

RIDDLE CONSULTING ENGINEERS
1720 S.E. COUNTY HWY 484
Ballenview, Florida 34420
(904) 243-7041
MECHANICAL
STRUCTURAL



DOOR BUCK DETAIL

@ EXTERIOR WALL SCALE 1/2" = 1'-0"

DESIGN WIND SPEED = 110 MPH
FLORIDA BUILDING CODE 2001
DESIGN WIND PRESSURE = +21.8, - 29.1 PSF

)ETAIL IS TO BE PLACED ON FILE
'OR HOMES BY WHITTAKER, INC.

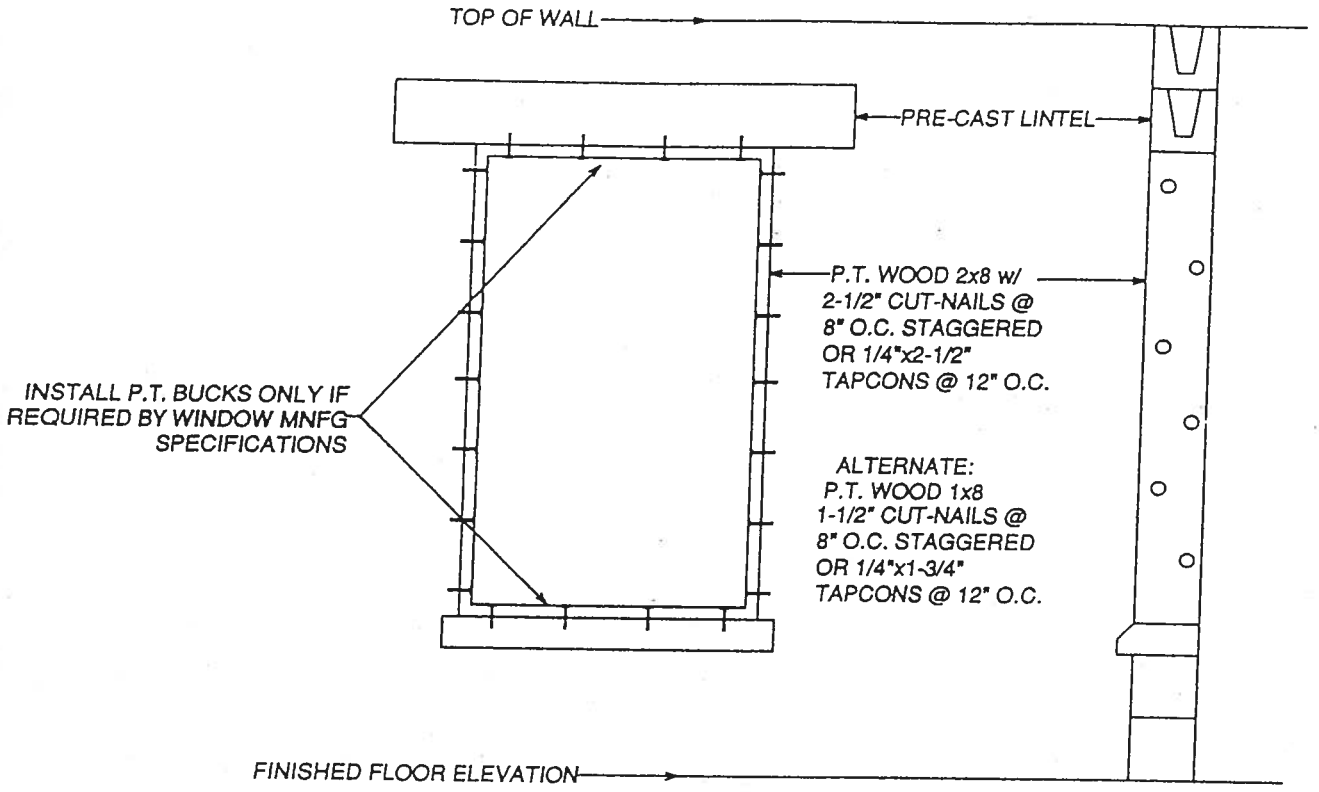
DOOR BUCK DETAIL

FOR

HOMES BY WHITTAKER, INC.

RIDDLE CONSULTING ENGINEERS
CIVIL MECHANICAL STRUCTURAL
CERTIFICATE OF AUTHORIZATION: 00004769
17720 S.E. COUNTY HWY 484
Belleview, Florida 34420
(352) 245-7041

scale	drawn	date	Proj No.	Page
NTS	PDR	1/28/04	83206	1 of 1



WINDOW BUCK DETAIL

@ EXTERIOR WALL SCALE 1/2" = 1'-0"

DESIGN WIND SPEED = 110 MPH
FLORIDA BUILDING CODE 2001
DESIGN WIND PRESSURE = +21.8, - 29.1 PSF

DETAIL IS TO BE PLACED ON FILE
FOR HOMES BY WHITTAKER, INC.

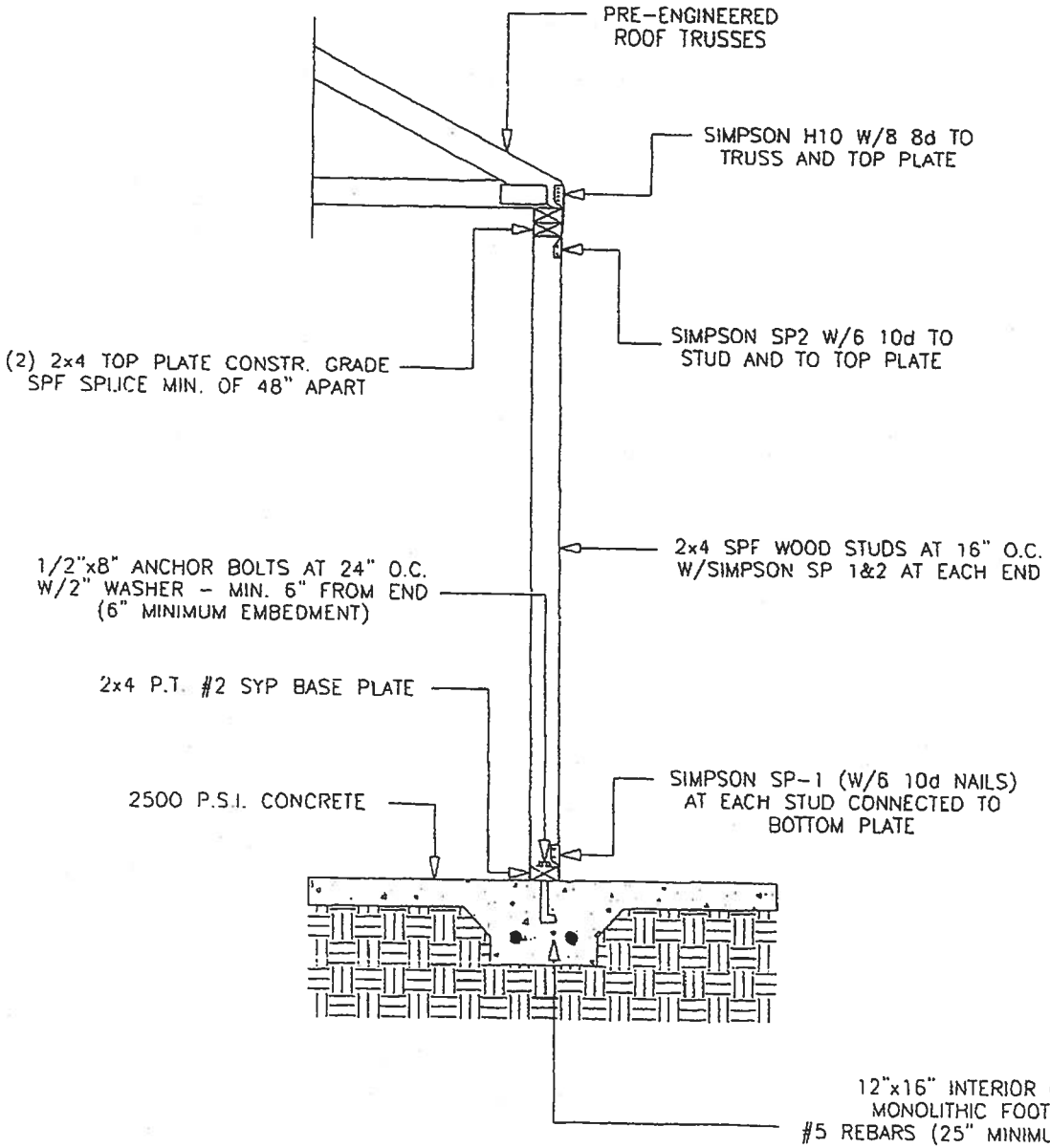
REVISED 6/18/02

WINDOW BUCK DETAIL
MUNOZ RESIDENCE

HOMES BY WHITTAKER, INC.

RIDDLE CONSULTING ENGINEERS
CIVIL MECHANICAL STRUCTURAL
1720 S.E. COUNTY HWY 484
Belleview, Florida 34420
(352) 245-7041

scale	drawn	date	Proj No.	Page
NTS	PDR	1/28/04	N/A	1 of 1

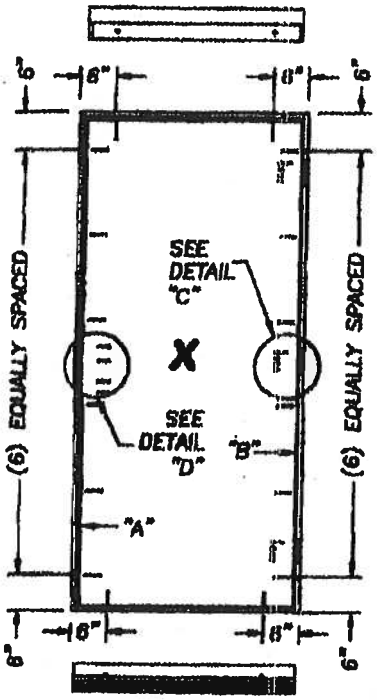


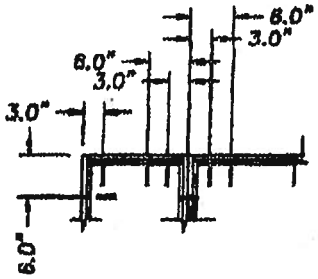
INTERIOR BEARING WALL DETAIL

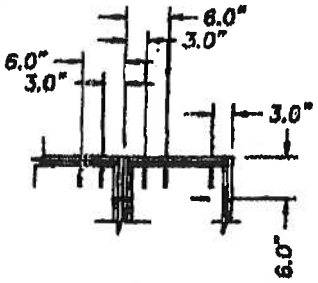
NO SCALE

PAUL DYLE RIDDLE
LICENSE
9-23-04
NO 30989
STATE OF
PROFESSIONAL ENGINEER
RIDDLE CONSULTING ENGINEERS, INC.
1720 S.E. County Highway 484
Belleview, FL 34420
(352) 245-7241 Fax (352) 245-5458
Certificate of Authorization: 00004759

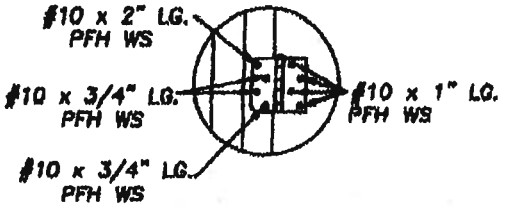
Therma-Tru® Construction Series Wood Edge Out-swing Steel Door
Maximum Size Up To 8'4 x 6'8



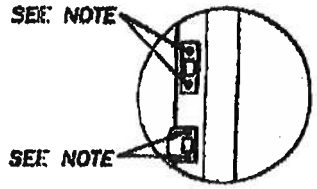




When attaching Sidelite the above anchoring applies.

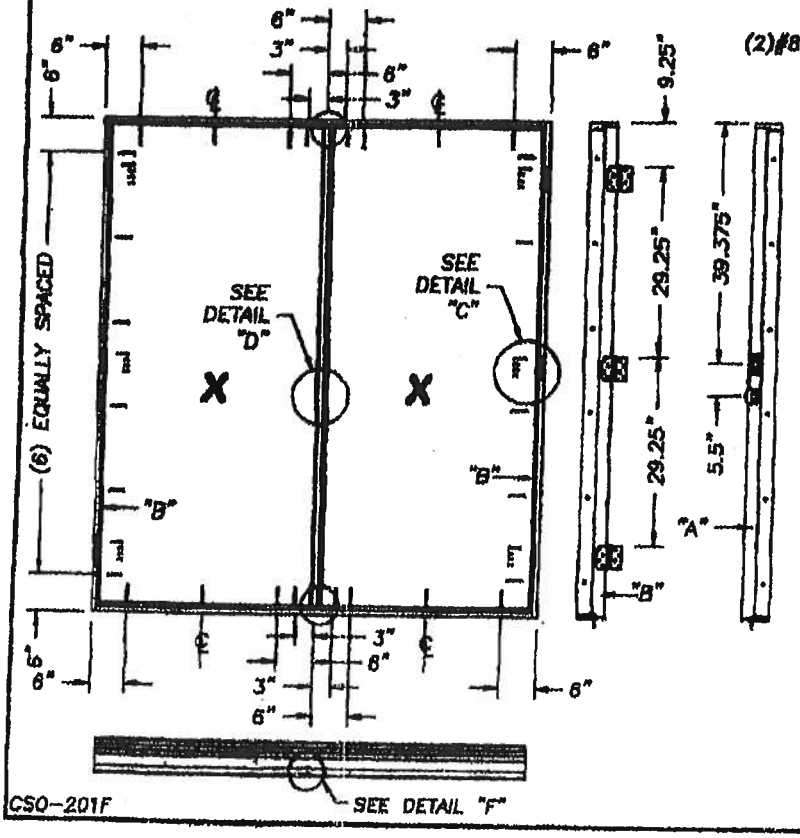


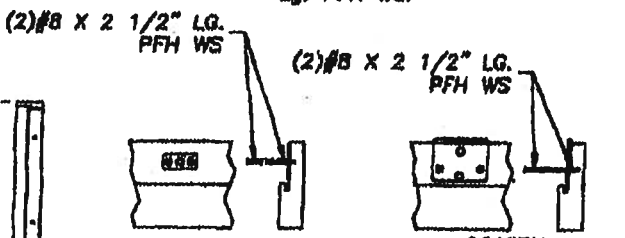
DETAIL "C"



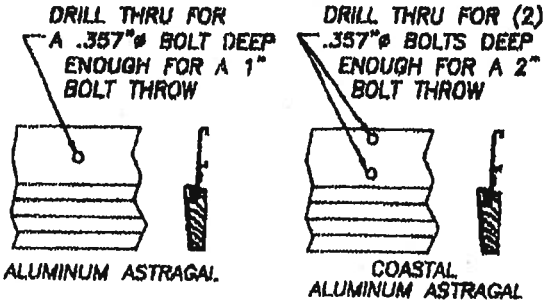
DETAIL "D"

Note:
When attaching the strike & deadbolt plates to the strike & buck use #10 x 2" Lg. PFH WS. When attaching the strike & deadbolt plates to the astragal use #8 x 2 1/2" Lg. PFH WS. When attaching the strike jamb & sidelite jamb use #10 x 1 3/4" Lg. PFH WS.



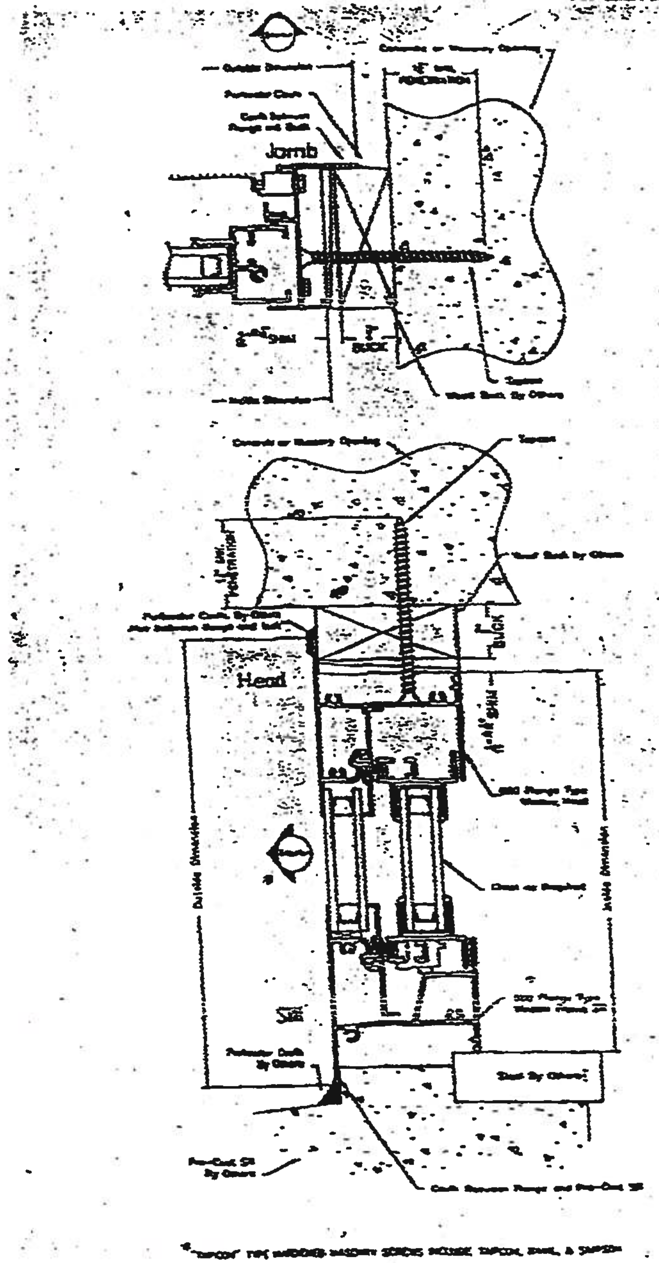


DETAIL "E"
ATTACH ASTRAGAL THROW BOLT STRIKE PLATE TO FRAME AS SHOWN.



DETAIL "F"
ASTRAGAL THROW BOLTS AT THE THRESHOLD

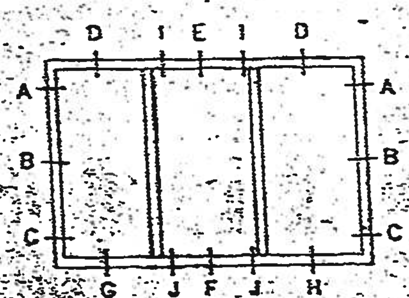
CSO-201F

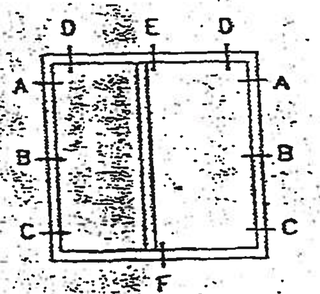


*"TAPCON" TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, ELCO, & SIMPSON

TAPCON® LOCATION CHART			
CODE SIZE	WINDOW ID SIZE	FASTENER LOCATIONS UP TO DP35	FASTENER LOCATIONS DP35.1 TO DP50
6'-0" x 4'-0" XOX	71 1/2 x 47	A,C,E	A,C,D,E
6'-0" x 5'-0" XOX	71 1/2 x 59	A,C,D	A,B,C,D,E
6'-0" x 5'-4" XOX	71 3/8 x 63	A,C,D,E	A,B,C,D,E
7'-0" x 4'-0" XOX	83 1/2 x 47	A,C,D,E	A,C,D,E,F
7'-0" x 5'-0" XOX	83 1/2 x 59	A,C,D,E	A,B,C,D,E,F
7'-0" x 5'-4" XOX	83 1/2 x 63	A,C,D,E,F	A,B,C,D,E,G,H
8'-0" x 4'-0" XOX	95 1/2 x 47	A,C,D,F	A,C,D,E,G,H
8'-0" x 5'-0" XOX	95 1/2 x 59	A,C,D,E,F	A,B,C,D,E,G,H
8'-0" x 5'-4" XOX	95 1/2 x 63	A,C,D,E,G,H	A,B,C,D,E,F,G,H
9'-0" x 4'-0" XOX	107 1/2 x 47	A,C,D,F	A,B,C,D,E,F
9'-0" x 5'-0" XOX	107 1/2 x 59	A,C,D,E,G,H	A,B,C,D,F,G,H,I
9'-0" x 5'-4" XOX	107 1/2 x 63	A,B,C,D,E,F	A,B,C,D,G,H,I,J
10'-0" x 4'-0" XOX	115 1/2 x 47	A,C,D,E,F	A,B,C,D,E,G,H
10'-0" x 5'-0" XOX	119 1/2 x 59	A,B,C,D,E,F	A,B,C,D,G,H,I,J
10'-0" x 5'-4" XOX	119 1/2 x 63	A,B,C,D,E,G,H	A,B,C,D,E,G,H,I,J

TAPCON® LOCATION CHART			
CODE SIZE	WINDOW ID SIZE	FASTENER LOCATIONS UP TO DP35	FASTENER LOCATIONS DP35.1 TO DP50
2'-0" x 2'-0"	23 3/8 x 23	C,D	C,D
2'-0" x 3'-0"	23 3/8 x 35	C,D	C,D
3'-0" x 2'-0"	35 3/8 x 23	C,D	C,D
3'-0" x 3'-0"	35 3/8 x 35	C,D	C,D
3'-0" x 4'-0"	35 3/8 x 47	C,D	C,D
3'-0" x 5'-0"	35 3/8 x 59	C,D	A,C,E
4'-0" x 2'-0"	47 3/8 x 23	C,D	C,D
4'-0" x 3'-0"	47 3/8 x 35	C,D	C,D
4'-0" x 4'-0"	47 3/8 x 47	C,D	A,C,E
4'-0" x 5'-0"	47 3/8 x 59	C,D	B,C,D
4'-0" x 6'-0"	47 3/8 x 71	B,C,D	A,B,C,E
5'-0" x 2'-0"	59 3/8 x 23	C,D	C,D
5'-0" x 3'-0"	59 3/8 x 35	C,D	A,C,E
5'-0" x 4'-0"	59 3/8 x 47	C,D	B,C,D
5'-0" x 5'-0"	59 3/8 x 59	B,C,D	A,B,C,E
5'-0" x 6'-0"	59 3/8 x 71	B,C,D	A,B,C,D,E
6'-0" x 2'-0"	71 3/8 x 23	C,D	C,D
6'-0" x 3'-0"	71 3/8 x 35	C,D	A,C,E
6'-0" x 4'-0"	71 3/8 x 47	A,C,E	B,C,D,E
6'-0" x 5'-0"	71 3/8 x 59	B,C,D	A,B,C,D,E
6'-0" x 6'-0"	71 3/8 x 71	B,C,D,E	A,B,C,D,E,F





1. Shim as required at each installation anchor as shown.
2. Anchor must be of a length to have 1 1/4" penetration into masonry or concrete and must be installed in accordance with manufacturer's instructions.
3. Caulk (Silicone or Urethane) between window flange and buck.
4. Caulk full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary with window size and design load.
7. Letter designations on the tapcon location chart indicate where anchors are to be installed using the elevation as a key. On the two-lite slider, when using location "D" without location "E" place anchors at center of lite.
8. Substrate must be hollow CMU or concrete.
9. Drawings are for installation purposes only.

CENTRAL FLORIDA B.O.A.F.

MANUFACTURER NAME: Better Bilt

MASTER FILE # 19

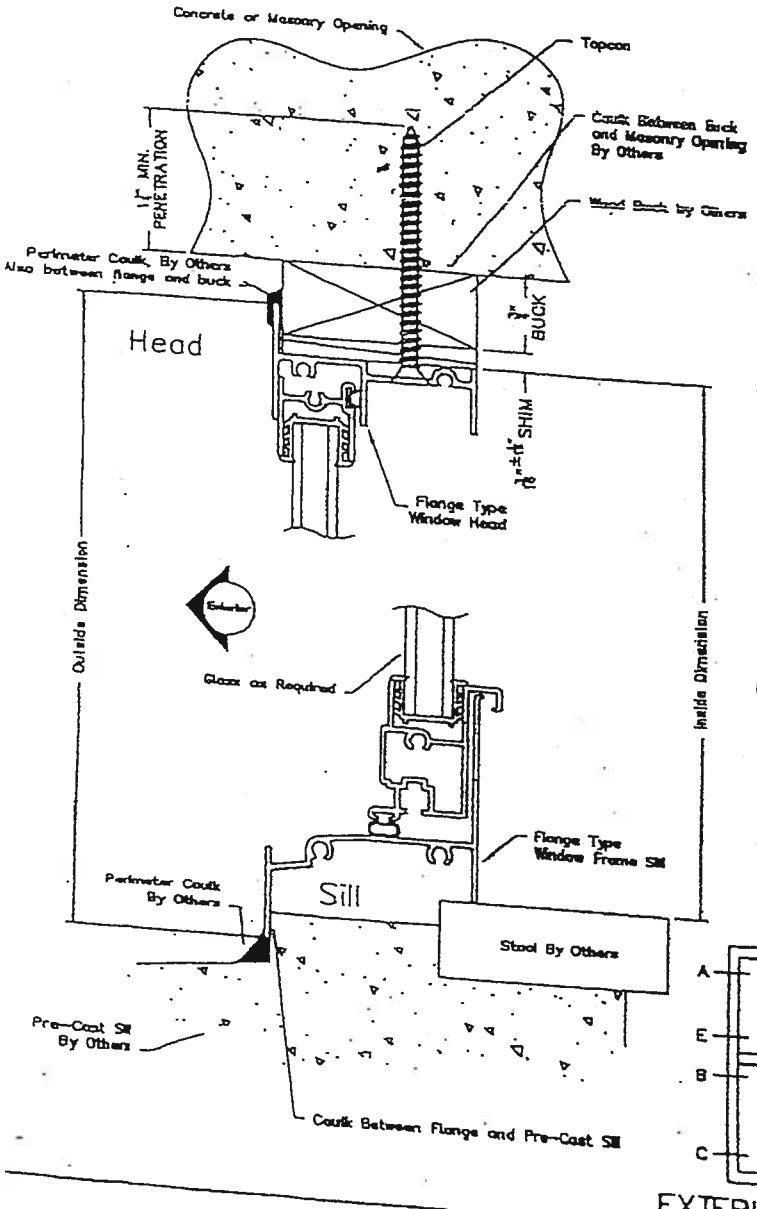
JL 2.21
May 22 2003

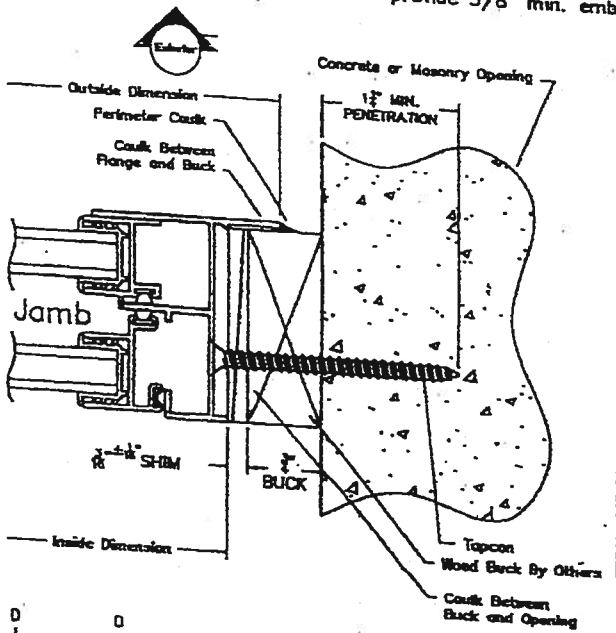
Steven M. Urich
130 Derry Ct
York, PA 17402
FL PE #57795

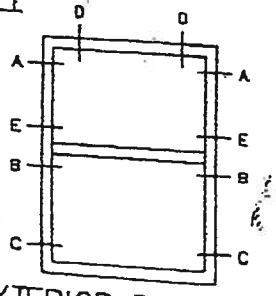
PROFESSIONAL ENGINEER CERTIFICATE No 57795 STATE OF FLORIDA

PROJECT NO. 01-48405.01	PROJECT NAME: Installation Drawings	DRAWING: Masonry Installation of 480/880 Flange Slider	DWG BY: DAS
122M34	CLIENT: MI Home Products Inc.		5/19/03

3 copies







EXTERIOR ELEVATION

1. Shim as required at each installation anchor as shown, with load bearing shim.
2. Anchor must be of sufficient length to provide 1 1/4" min. embedment into masonry or concrete.
3. Caulk between window flange and buck.
4. Caulk full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary with window size and design load, and must comly with ASTM E1300.
7. Letter designations on the tapcon location chart indicate where anchors are to be installed using the elevation as a key.
8. All factory applied holes not designated for tapcon* should be filled with #8 screws of sufficient lth. to provide 5/8" min. embedment into wood buck.

BetterBilt

TAPCON * LOCATION CHART

CODE SIZE	WINDOW IB SIZE	FASTENER LOCATIONS	
		DP36 TO DP52	DP52.1 TO DP70.8
12	18 1/8 x 25	A, C	A, C
13	18 1/8 x 37 3/8	A, C	A, C
14	18 1/8 x 49 5/8	A, C	A, C
15	18 1/8 x 62	A, C	A, C
16	18 1/8 x 71 1/4	A, C	A, B, C
			A, B, C
1/2 32	25 1/2 x 25	A, C	A, C
1/2 33	25 1/2 x 37 3/8	A, C	A, C
1/2 34	25 1/2 x 49 5/8	A, C	A, C
1/2 35	25 1/2 x 62	A, B, C	A, B, C
1/2 36	25 1/2 x 71 1/4	A, B, C	A, B, C
			A, B, C
22	36 x 25	A, C	A, C
23	36 x 37 3/8	A, C	A, B, C
24	36 x 49 5/8	A, B, C	A, B, C
245	36 x 55 1/4	A, B, C	A, B, C
25	36 x 62	A, B, C	A, B, C
26	36 x 71 1/4	A, B, C	A, B, C, D
32	52 1/8 x 25	A, C	A, C
33	52 1/8 x 37 3/8	A, C	A, B, C
34	52 1/8 x 49 5/8	A, B, C	A, B, C
345	52 1/8 x 55 1/4	A, B, C	A, B, C, D
35	52 1/8 x 62	A, B, C	A, B, C, D
36	52 1/8 x 71 1/4	A, B, C, D	A, B, C, D, E

*"TAPCON" TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAWL, & SIMPSON

Design Pressure values listed above are in PSF

CENTRAL FLORIDA R.O.A.F.

MANUFACTURER NAME: BETTER BILT / M.I. HOMES

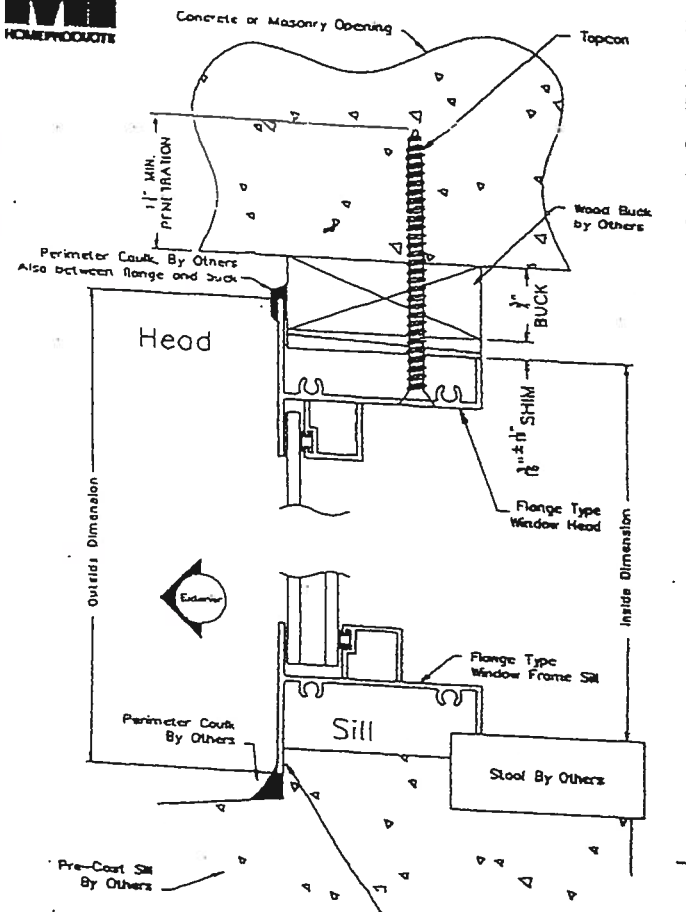
MASTER FILE # 3

INSTALLATION INSTRUCTIONS & FASTENER SCHEDULE

740/744 SINGLE HUNG

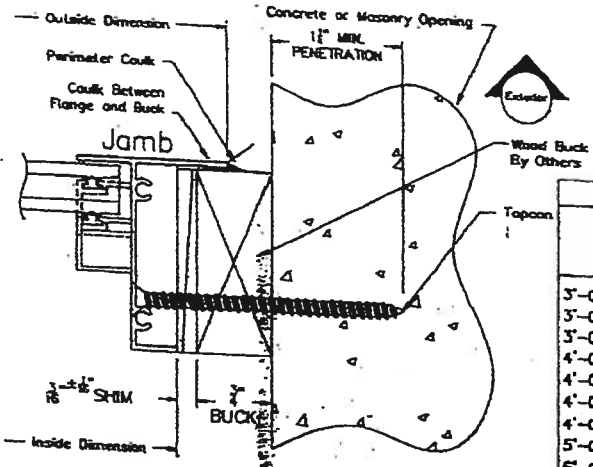
DRAWN BY	DATE
S.W.	1/15/02
CHECKED	DATE
SCALE	SHEET
NONE	

Masonry Installation of 480/680 Flange Sillar
Installation Drawing
M Home Products Inc.
01-4840A.01



*"TAPCON" TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAWL, & SIMPSON

1. Shim as required with load bearing shims at each installation anchor as shown.
2. Anchor must be of a length to have 1 1/4" penetration into masonry or concrete.
3. Caulk between window flange and buck.
4. Caulk full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary per the requirements of ASTM E1300 glass charts.
7. Fixed units do not have pre-punched mounting holes and must be field drilled as required. See chart at right.
8. Locate concrete installation anchors as follows:
   Where anchor quantity chart indicates 1 concrete installation anchor req'd in head or jambs, locate anchor at mid point of framing member.
   Where anchor quantity chart indicates 2 concrete installation anchor req'd in head or jambs, locate anchor within 6" of each corner of framing member.
   Where anchor quantity chart indicates 3 or more concrete installation anchors req'd in head or jambs, locate anchors 6" of each corner of framing member & equally space.
9. Max. spacing between tapcons is 24" O.C. max.



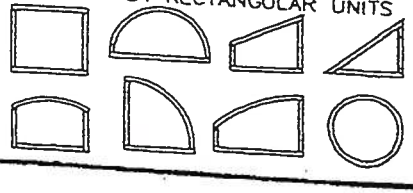
*TAPCON QUANTITY CHART

CODE SIZE	WINDOW ID SIZE	SCREWS IN HEAD/SILL		SCREWS IN EACH JAMB	
		UP TO DP35	DP35.1 TO DP50	UP TO DP35	DP35.1 TO DP50
12	18 1/8 x 25	2	2	2	2
13	18 1/8 x 37 3/8	2	2	3	3
14	18 1/8 x 49 5/8	2	2	3	3
15	18 1/8 x 62	2	2	3	3
16	18 1/8 x 71 1/4	2	2	4	4
1/2 32	25 1/2 x 25	2	2	2	2
1/2 33	25 1/2 x 37 3/8	2	2	3	3
1/2 34	25 1/2 x 49 5/8	2	2	3	3
1/2 35	25 1/2 x 62	2	2	3	3
1/2 36	25 1/2 x 71 1/4	2	2	4	4
22	36 x 25	2	2	2	2
23	36 x 37 3/8	2	2	3	3
24	36 x 49 5/8	2	2	3	3
245	36 x 55 1/4	2	2	3	3
25	36 x 62	2	2	3	3
26	36 x 71 1/4	2	2	4	4
32	52 1/8 x 25	2	2	2	2
33	52 1/8 x 37 3/8	2	2	3	3
34	52 1/8 x 49 5/8	2	2	3	3
345	52 1/8 x 55 1/4	2	2	3	3
35	52 1/8 x 62	2	2	4	4
36	52 1/8 x 71 1/4	2	2	4	4

TAPCON* LOCATION & QUANTITY CHART

CODE SIZE	WINDOW ID SIZE	SCREWS IN HEAD/SILL		SCREWS IN EACH JAMB	
		UP TO DP35	DP35.1 TO DP50	UP TO DP35	DP35.1 TO DP50
3'-0" x 3'-0"	35 1/4 x 35 1/4	2	2	3	3
3'-0" x 4'-0"	35 1/4 x 47 1/4	2	2	3	3
3'-0" x 5'-0"	35 1/4 x 59 1/4	2	2	4	4
4'-0" x 3'-0"	47 1/4 x 35 1/4	2	2	3	3
4'-0" x 4'-0"	47 1/4 x 47 1/4	2	2	3	3
4'-0" x 5'-0"	47 1/4 x 59 1/4	2	2	4	4
4'-0" x 8'-0"	47 1/4 x 95 1/4	2	2	5	5
5'-0" x 3'-0"	59 1/4 x 35 1/4	2	2	3	3
5'-0" x 5'-0"	59 1/4 x 59 1/4	2	2	4	4
6'-0" x 3'-0"	71 1/4 x 35 1/4	2	2	3	3
6'-0" x 5'-0"	71 1/4 x 59 1/4	2	2	4	4
twin 2 x 5'-0"	73 1/8 x 59 1/4	2	2	4	4
8'-0" x 3'-0"	95 1/4 x 35 1/4	2	2	3	3
8'-0" x 4'-0"	95 1/4 x 47 1/4	2	3	3	3

TYPICAL SPECIALTY SHAPES COVERED BY RECTANGULAR UNITS



CENTRAL FLORIDA H.O.A.F.

MANUFACTURER NAME: BETTER BILT / MI HOMES

MASTER FILE # 3

INSTALLATION INSTRUCTIONS & FASTENER SCHEDULE

PRODUCT: 165-740-744 Flange Fixed Units

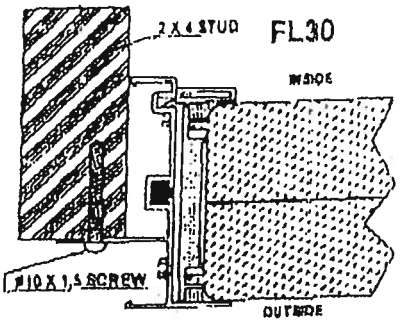
T.C. 02/12/

SHEET 1 OF 1

3" ALUMINUM

Manufactured by: U.S. Block Windows Inc.
Series: FL30-8
Class: Fixed - Heavy Commercial
Report #: CTLA 480W / 480W-1

Fastener:	#10 x 1.5 PH SMS				
Spacing in inches from corner:			3"	C to C:	6"
Unit size (inches)	DP (PSF)	Total Fasteners	Each Jamb	Head	Sill
82X82	55	56	14	14	14
74x74	55	52	13	13	13
66x66	55	48	12	12	12
56x56	100	40	10	10	10
50x50	100	36	9	9	9
42x42	100	28	7	7	7
34x34	100	24	6	6	6
26x26	100	20	5	5	5
18x18	100	16	4	4	4
10x10	100	12	3	3	3



The above matrix is deemed acceptable using a mathematical comparison based on Certified Test Laboratories report numbers CTLA 480W and CTLA 480W-1

INSTALLATION INSTRUCTIONS

Step 1: Check to make sure that the opening is no more than 1/2" larger than the window horizontally or vertically.
Step 2: Apply a generous bead of silicone sealant to the back of the nailing fin.
Step 3: From outside the house, slide the unit into the opening and center it by using shims at the bottom corners.
Step 4: Check the unit for plumb and level and adjust shims accordingly then apply shims to the top corners so the unit does not move during fastening.
Step 5: Install a #10 x 1.5" screw in the top and bottom of the jambs approximately 3" from each corner. Repeat this procedure in the head and sill.
Step 6: For maximum structural performance, install screws every 6" starting from the corners and working toward the center of the jambs, head and sill.

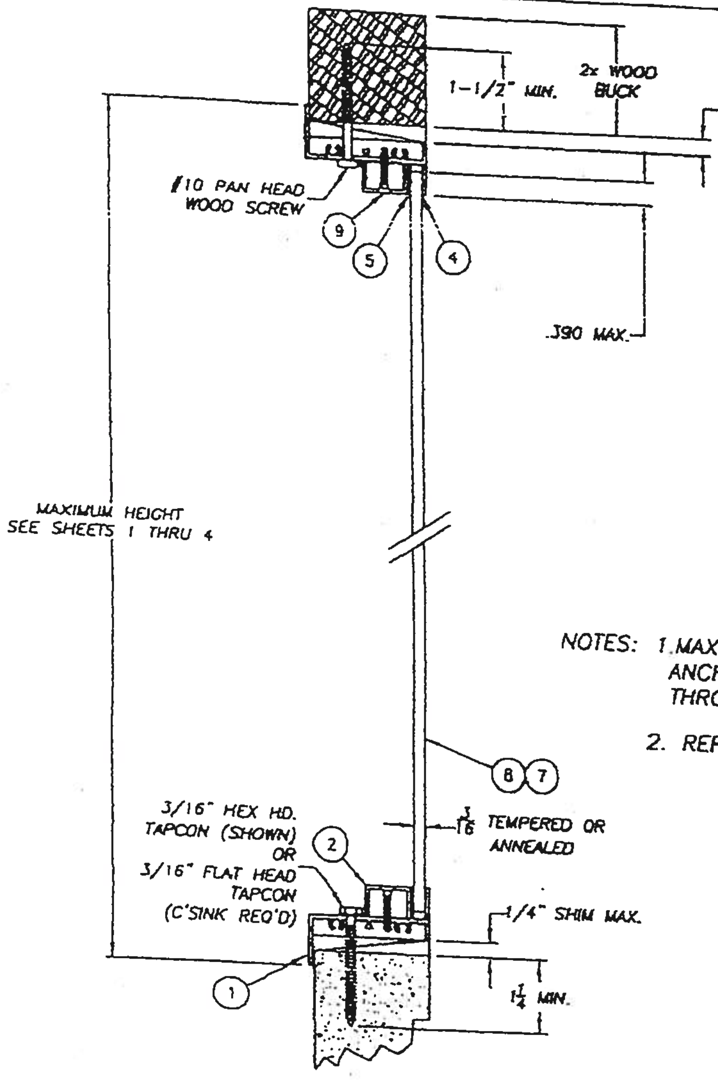
W.S. Wilson P.E.

Date: 5-6-04

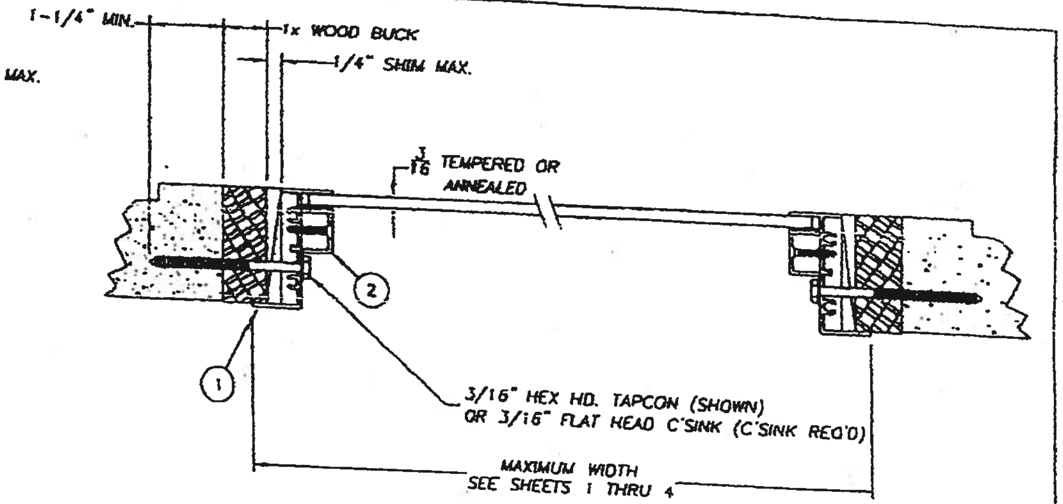
Florida P.E. Number 0048489

US Block Windows

www.usblockwindows.com



SECTION A–A
TYPICAL SECTION
& INSTALLATION INTO CONCRETE AT SILL & WOOD AT HEAD



SECTION B–B
TYPICAL SECTION
& ALTERNATE INSTALLATION INTO CONCRETE

NOTES: 1. MAXIMUM OVERALL DIMENSIONS ARE APPLICABLE TO SECTIONED! ARCH. SHAPES. ANCHORAGE METHODS ARE APPLICABLE TO ALL SHAPES SHOWN ON SHEETS 1 THROUGH 4 OF 8.

2. REFERENCE TEST REPORTS: FTL-2818, FTL-2819, FTL-2820, FTL-2748, FTL-2756 & FTL-2758

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 02-0301.08
Expiration Date 03/13/06
By [signature]
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE SEP 13 2001
BY [signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 01-0102.03

[signature] 8/20/04
Robert L. Clark, P.E.
PE #39712
Structural

PGT INDUSTRIES	Drawn By: J.J.	Revsd By: F.K.	Date: 6/15/01	Revisions: REDRAWN	
		Date: 10/24/00			
	Description: SECTIONAL & ANCHORAGE VIEWS				
	Title: ALUMINUM FIXED WINDOW				
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: F-6000	Scale: NTS	Sheet: 5 of 9	Drawing No.: 550 Rev: B

Series H83 'STRUCTURAL' HORIZONTAL MULLION - Florida Flange

NOTES: If you are stacking a single unit over another single unit, such as a roundhead over a single hung, the Series V83 Mull Kit (which is the vertical mull normally used to twin units) is sufficient and can be used horizontally. Specify length when ordering.

Overall length of horizontal mull is to be the same length as the overall flange to flange width of the mulled units below, including the vertical mull. EXAMPLE: For twin "Two Wide". Mull will be 37" + 1/8" + 37" = 74 1/8"

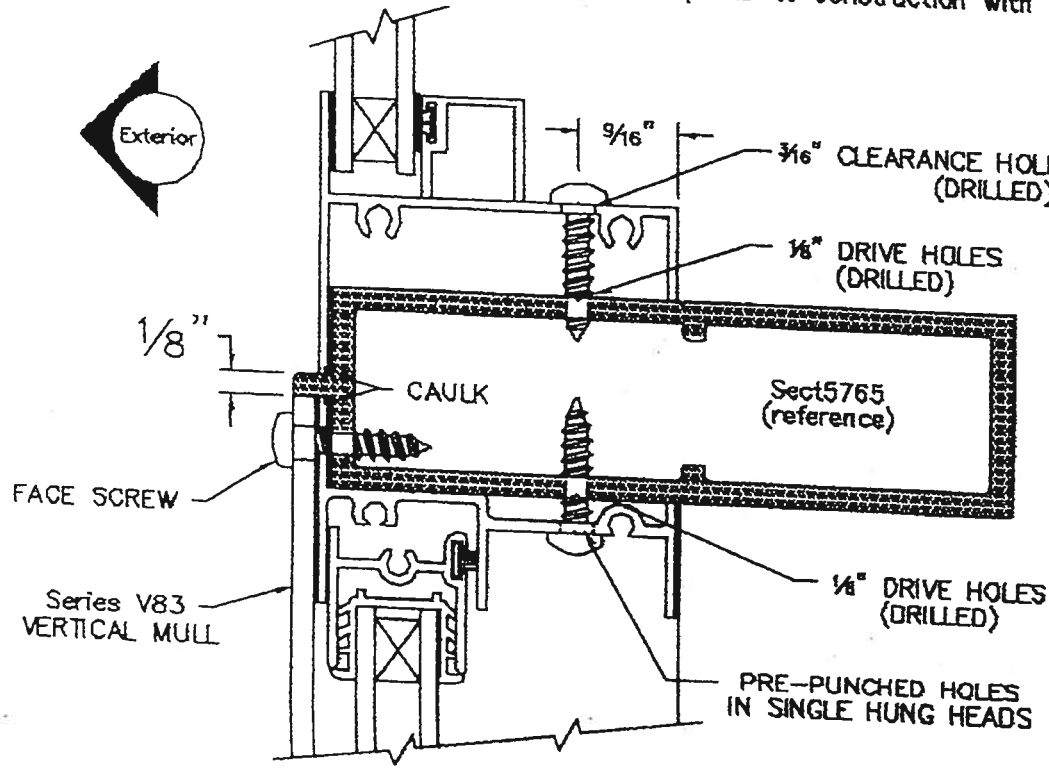
Step 1. On lower units, follow twinning instructions shown on sheet # MULLV83A.

Step 2. Position horizontal mull on top of twinned units as shown below. With 1/8" drill, drill up through pre-punched holes in the single hung heads into the mull. Before attaching with #8 x 3/4" screws (not included), run a full length bead of caulk in area shown.

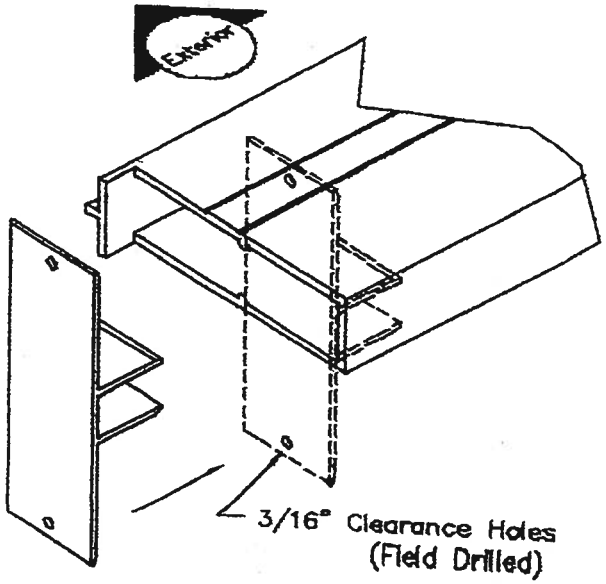
Step 3. Position top unit on top of mull and drill 1/8" holes, in position shown, on same centers as lower unit. With 3/16" drill, re-drill holes in sill only and fasten with screws.

Step 4. For fastening the vertical mull to the horizontal mull, "face screws" can be added to the 1/2" tab on the vertical mull. Use 1/8" drill bit as described above. For best appearance, countersink the holes and use flathead screws.

Step 5. Before lifting into rough opening, Drill two holes in each clip and insert into each end of mull as shown below with tabs pointing to up and down. Fasten each clip tab to construction with two #10 x 1 1/2" screws for structural integrity.

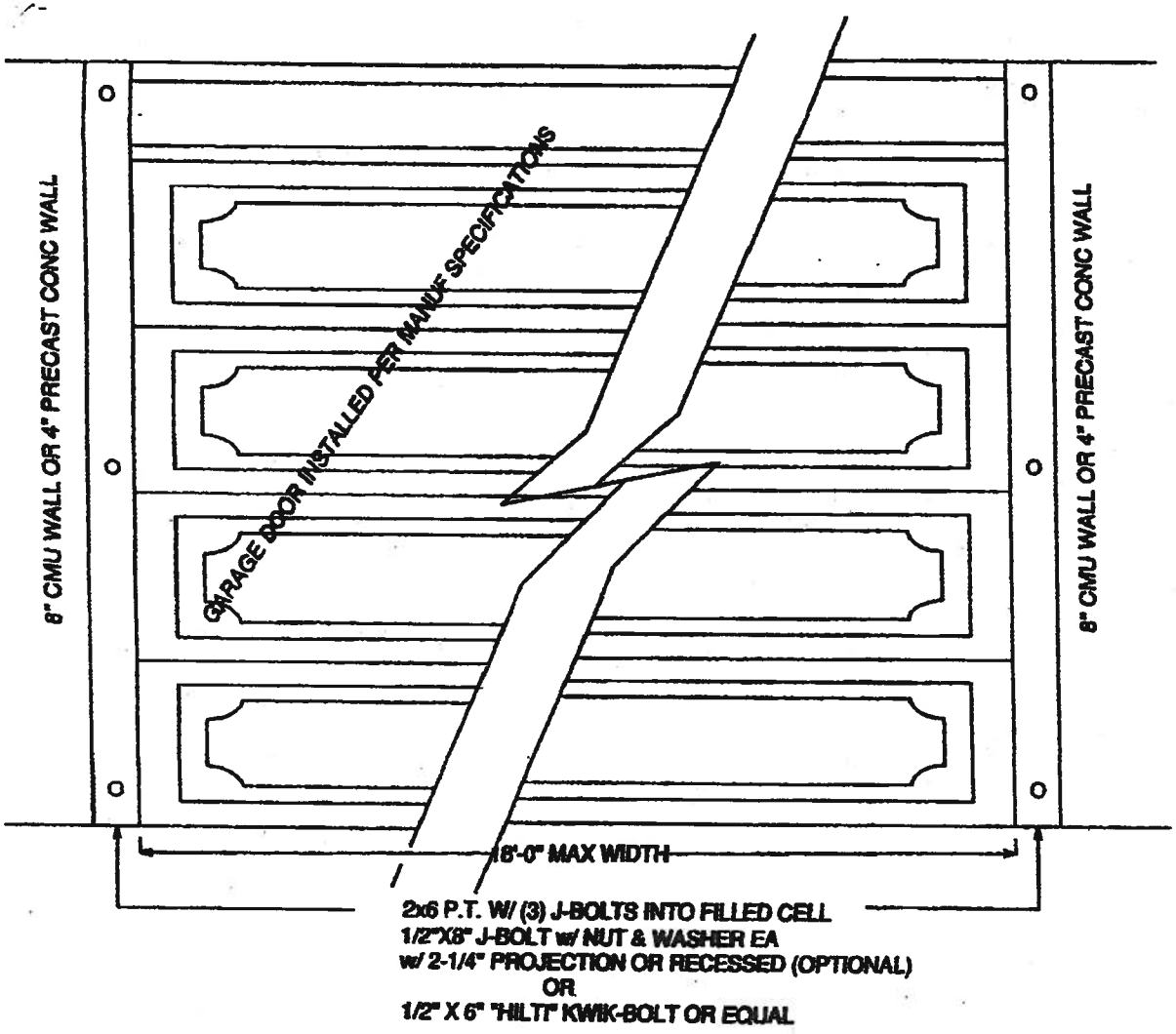


740/744/3740



NOTE: SEE REVERSE SIDE FOR FASTENING REQUIRE...

MULLH83A



GARAGE DOOR ATTACHMENT DETAIL

SCALE 1/2" = 1'-0"

@ EXTERIOR WALL

DESIGN WIND SPEED = 110 MPH
FLORIDA BUILDING CODE 2001
DESIGN WIND PRESSURE = +21.8, - 29.1 PSF

DETAIL IS TO BE PLACED ON FILE
FOR HOMES BY WHITTAKER, INC

GARAGE DOOR
ATTACHMENT DETAIL
FOR

HOMES BY WHITAKER, INC.

RIDDLE CONSULTING ENGINEERS
CERTIFICATE OF AUTHORIZATION: [illegible]
CIVIL MECHANICAL STRUCTURAL
1720 S.E. COUNTY HWY 484
Belleview, Florida 34420
(352) 245-7041

scale	drawn	date	Proj No	Page

COLUMBIA COUNTY BUILDING DEPARTMENT

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

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

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

Floor Plan Including:

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

Foundation Plan including:

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

Roof System:

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

Wall Sections Including:

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

☑ ☐ **b) Wood frame wall**

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

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

Floor Framing System:

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

☑ ☐ b) Floor joist size and spacing

☑ ☐ c) Girder size and spacing

☑ ☐ d) Attachment of joist to girder

☑ ☐ e) Wind load requirements where applicable

☑ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

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

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

☑ ☐ f) Appliances and HVAC equipment

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

HVAC Information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathroom

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

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

☑ ☐ **Disclosure Statement for Owner Builders**

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

☑ ☐ **Private Potable Water**

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 **(Toilet facilities shall be provided for construction workers)** Health Dept already has.

4. N/A **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. N/A **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is **$50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK