DATE 08/07/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000026101

APPLICANT DION TAYLOR PHONE 386.288.5087

ADDRESS POB 3311 LAKE CITY FL 32056

OWNER DARYL THOMPSON PHONE

ADDRESS 147 NW CIMARRON WAY LAKE CITY FL 32055

CONTRACTOR DION TAYLOR PHONE 386.288.5087

LOCATION OF PROPERTY 41-N TO MOORE RD,TL TO CIMARRON WAY,TR AND IT'S THE 2ND DRIVEWAY ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 66000.00

HEATED FLOOR AREA 1320.00 TOTAL AREA 1380.00 HEIGHT 8.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

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

PARCEL ID 14-3S-16-02117-215 SUBDIVISION MOORE HAVEN - PART OF

LOT 5 BLOCK PHASE UNIT TOTAL ACRES 3.72

000001430		R282811337		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
18"X32'MITERED	07-0443	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: 1 FOOT ABOVE ROAD. SPECIAL FAMILY LOT PERMIT.

Check # or Cash 1235

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 $ 330.00 CERTIFICATION FEE $ 6.90 SURCHARGE FEE $ 6.90

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 $ 25.00 **TOTAL FEE** 443.80

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0706-34 Date Received 6/11 By TW Permit # 26101 / 1430

Application Approved by - Zoning Official BLK Date 07.08.07 Plans Examiner OK JTH Date 6-21-07

Flood Zone X per Surveyor Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Special Family Lot Permit

NOC EH Deed or PA Site Plan State Road Info Parent Parcel # Development Permit

Name Authorized Person Signing Permit Dion Taylor Construction INC Phone 386-288-5087 Fax

Address PO Box 3311 Lake City Fla. 32056

Owners Name Daryl Thompson Phone

911 Address 147 NW Cimasson Lake City, Fla. 32055

Contractors Name Dion Taylor Construction INC. Phone 386-288-5087

Address PO Box 3311 Lake City, Fla. 32056

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address DION TAYLOR - MARK DiSOSWAY, PE

Mortgage Lenders Name & Address CASH

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

Property ID Number 14-3S-16-02117-215 Estimated Cost of Construction 85,000

Subdivision Name Moose Haven Lot 5 Block Unit Phase

Driving Directions Take US-41 North Turn Left onto NW Moose Road Turn Right onto Cimasson Way second Driveway on Right

Type of Construction - House - FRAMED Number of Existing Dwellings on Property 0

Total Acreage 3.72 Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 60' Side R 52' Side 115' Rear 120'

Total Building Height 8 Number of Stories 1 Heated Floor Area 1320 TOTAL 1380 Roof Pitch 5 12

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

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

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

Owner Builder or Authorized Person by Notarized Letter

Dion Taylor
Contractor Signature

Contractors License Number RR.2828113337

Competency Card Number

NOTARY STAMP/SEAL Rebecca S. Sullivan MY COMMISSION # DD282696 EXPIRES May 11, 2008 BONDED THRU TROY FAIN INSURANCE, INC.

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 11th day of June 2007.

Personally known ✓ or Produced Identification

Rebecca S. Sullivan
Notary Signature

(Revised Sept. 2006)

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

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

IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 14-35-16-02117-215 **Permit Number** 26101

1. Description of property: (legal description of the property and street address or 911 address)

147 NW Cimaoson
Lake City Fla. 32055

Inst:200712013631 Date:6/20/2007 Time:1:42 PM
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

2. General description of improvement: House

3. Owner Name & Address Daryl Thompson 3172 SW State Road 14
Madison Fla. **Interest in Property** Owner

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

5. Contractor Name Dion Taylor **Phone Number** 386-288-5087
Address PO Box 3311 Lake City, Fla. 32056

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

7. Lender Name **Phone Number**
Address

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

Name Daryl L. Thompson **Phone Number**
Address

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

(a) 7. Phone Number of the designee

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

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

Signature of Owner

Sworn to (or affirmed) and subscribed before day of 23rd April **, 20**07.

Signature of Notary **NOTARY STAMP/SEAL**

TIERREL M. JENKINS
Notary Public, State of Florida
My comm. expires Sept. 16, 2008
No. DD 355478

AFFIDAVIT OF SUBDIVIDED REAL PROPERTY FOR USE OF IMMEDIATE FAMILY MEMBERS FOR PRIMARY RESIDENCE

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME the undersigned Notary Public personally appeared.

Keith & Regina Thompson, the Owner of the parent tract which has been subdivided for immediate family primary residence use, hereinafter the Owner, and Daryl Thompson, the family member of the Owner, who is the owner of the family parcel which is intended for immediate family primary residence use, hereafter the Family Member, and is related to the Owner as son, and both individuals being first duly sworn according to law, depose and say:

1. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit.

2. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference to the Columbia county Property Appraiser Tax Parcel No. 14-3S-16-02119-205

3. The Owner has divided his parent parcel for use of immediate family members for their primary residence and the parcel divided and the remaining parent parcel are at least ½ acre in size. Immediate family is defined as grandparent, parent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.

4. The Family Member is a member of the Owner's immediate family, as set forth above, and holds fee simple title to certain real property divided from the Owner's parcel situated in Columbia County and more particularly described by reference to the Columbia County Property Appraiser Tax Parcel No. 14-3S-16-02117-215

5. No person or entity other than the Owner and Family Member claims or is presently entitled to the right of possession or is in possession of the property, and there are no tenancies, leases or other occupancies that affect the Property.

6. This Affidavit is made for the specific purpose of inducing Columbia County to recognize a family division for a family member on the parcel divided in accordance with Section 14.9 of the Columbia County Land Development Regulations.

7. This Affidavit is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the third degree.

We Hereby Certify that the information contained in this Affidavit are true and correct.

X _____ X _____
Owner

KEITH THOMPSON
Typed or Printed Name

X _____
Family Member

DARYL THOMPSON
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 23rd day of July, 2007, by _____(Owner) who is personally known to me or has produced _____ as identification.

Carol H Jerrell
Notary Public

CAROL H. JERRELL
Comm# DD0365344
Expires 11/5/2008
Bonded thru (800)432-4254
Florida Notary Assn., Inc

Subscribed and sworn to (or affirmed) before me this 23rd day of July, 2007, by _____(Family Member) who is personally known to me or has produced _____ as identification.

Carol H Jerrell
Notary Public

CAROL H. JERRELL
Comm# DD0365344
Expires 11/5/2008
Bonded thru (800)432-4254
Florida Notary Assn., Inc

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 5/31/2007 **DATE ISSUED:** 6/4/2007

ENHANCED 9-1-1 ADDRESS:

147 NW CIMARRON WAY

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

14-3S-16-02117-215

Remarks:

LOT 5 MOORE HAVEN S/D (02117-205)

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

782

Approved Address

JUN 0 4 2007

911Addressing/GIS Dept

Inst:2007009543 Date:04/27/2007 Time:14:47
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1117 P:2048

Above Space Reserved for Recording
[If required by your jurisdiction, list above the name & address of: 1) where to return this form; 2) preparer; 3) party requesting recording.]

Warranty Deed

Date of this Document: April 17, 2007

Reference Number of Related Documents: _____

Grantor(s):
Name Keith Thompson and Regina Thompson, HIS WIFE
Street Address 3172 SW State Road 14
City/State/Zip Madison, Florida 32340

Grantee(s):
Name Daryl Thompson
Street Address 3172 SW State Road 14
City/State/Zip Madison, Florida 32340

Abbreviated Legal Description (i.e., lot, block, plat, *or* section, township, range, quarter/quarter *or* unit, building and condo name): See Attachment "A"

Assessor's Property Tax Parcel/Account Number(s): _____

For good consideration, Keith Thompson and Regina Thompson,
of 3172 SW State Road 14, County of Madison,
State of Florida, hereby bargain, deed and convey to Daryl Thompson
of 3172 SW State Road 14
County of Madison, State of Florda, the following described land in
Columbia County, free and clear with WARRANTY COVENANTS; to wit: See Attachment "A"

Grantor, for itself and its heirs, hereby covenants with Grantee, its heirs, and assigns, that Grantor is lawfully seized in fee simple of the above-described premises; that it has a good right to convey; that the premises are free from all encumbrances; that Grantor and its heirs, and all persons acquiring any interest in the property granted, through or for Grantor, will, on demand of Grantee, or its heirs or assigns, and at the expense of Grantee, its heirs or assigns, execute any instrument necessary for the further assurance of the title to the premises that may be reasonably required; and that Grantor and its heirs will forever warrant and defend all of the property so granted to Grantee, its heirs, and assigns, against every person lawfully claiming the same or any part thereof.

Being the same property conveyed to the Grantor by deed of 121 Cimeron Way, dated April - 17th, 2007.

WITNESS the hands and seal of said Grantor this _____ day of _____, 20____.

Keith Thy
Grantor

Regina Thompson
Grantor

State of Florida)

County of ~~Columbia~~ St Lucie)

On 4/17/07, before me, _____, personally appeared Keith and Regina Thompson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Verna Jackson

Affiant _____ Known _____ Unknown
ID Produced FL Drivers Lic

(Seal)

VERNA V. JACKSON
MY COMMISSION # DD 585887
EXPIRES: August 16, 2010
Bonded Thru Notary Public Underwriters

Inst:2007009543 Date:04/27/2007 Time:14:47
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1117 P:2049

on "A"

Inst:2007009543 Date:04/27/2007 Time:14:47
Doc Stamp-Deed : 0.70
_____DC,P.DeWitt Cason,Columbia County B:1117 P:2050

DESCRIPTION:
A PART OF LOT 5 OF "MOORE HAVEN" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 6 PAGE(S) 198 & 199 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGIN AT THE CORNER OF SAID LOT 5 AND LOT 4 WHERE THEY INTERSECT WITH THE WEST LINE OF LOT 2 AND RUN THENCE S.62°56'31"W., ALONG THE SOUTH LINE OF LOT 5, 509.09 FEET; THENCE S.34°41'33"E., 264.86 FEET TO THE SOUTHERLY RIGHT-OF-WAY OF NW CIMARRON WAY AND BEING A POINT OF CURVE BEING CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 300.00 FEET AND AN INCLUDED ANGLE OF 37°21'48"; THENCE RUN ALONG SAID CURVE AN ARC DISTANCE OF 195.63 FEET; THENCE N.01°53'43"W., 26.34 FEET TO THE SW CORNER OF LOT 6; THENCE S.75°34'34"E., ALONG THE SOUTH LINE OF LOT 6, 364.41 FEET; THENCE N.56°43'56"E., ALONG THE SOUTH LINE OF LOT 7, 253.74 FEET TO THE CORNER OF LOTS 2,5,7 & 8; THENCE S.03°35'19"W., ALONG THE EAST LINE OF LOT 5, 245.40 FEET TO THE POINT OF BEGINNING.
CONTAINING 3.72 ACRES MORE OR LESS.

SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0125 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.
7. IN THE PLAT OF RECORDS THERE IS A SPECIAL FLOOD NOTE PER DALE C. JOHNS P.E. # 45263 STATING AN ESTABLISHED 100 YEAR FLOOD ELEVATION FOR SAID LOT # 5 OF 159.50 FEET.

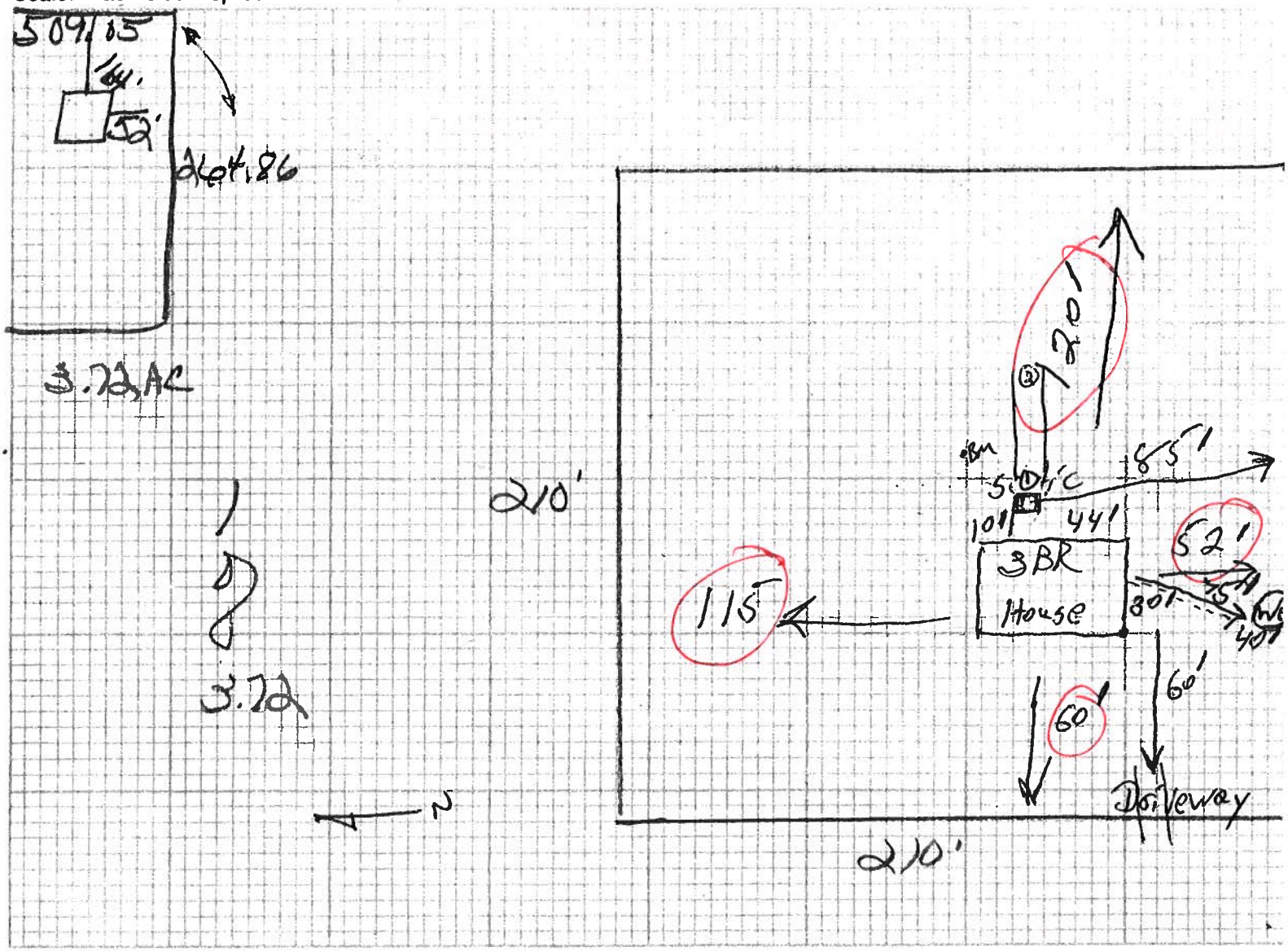
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0443

PART II - SITE PLAN

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



Notes: _____

Site Plan submitted by: _____ Signature _____ Agent Title

Plan Approved X Not Approved _____ Date 6/11/07

By _____ County Health Departmen

APPROVED
Columbia CHD

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Columbia County Building Department
Culvert Permit

Culvert Permit No. 000001430

DATE 08/07/2007 PARCEL ID # 14-3S-16-02117-215

APPLICANT DION TAYLOR PHONE 386.288.5087

ADDRESS POB 3311 LAKE CITY FL 32056

OWNER DARYL THOMPSON PHONE ______

ADDRESS 147 NW CIMARRON WAY LAKE CITY FL 32055

CONTRACTOR DION TAYLOR PHONE 386.288.5087

LOCATION OF PROPERTY 41-N TO MOORE RD,TL TO CIMMARON WAY,TR AND IT'S THE 2ND DRIVEWAY ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT MOORE HAVEN,PART OF 5

SIGNATURE

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:
- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other ______

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

Amount Paid 25.00

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

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T768228Z0309104209

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-145--OWNER BUILDER Dion Taylor - Cimeron -- , **
Truss Count:	10
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.36, 7.24.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

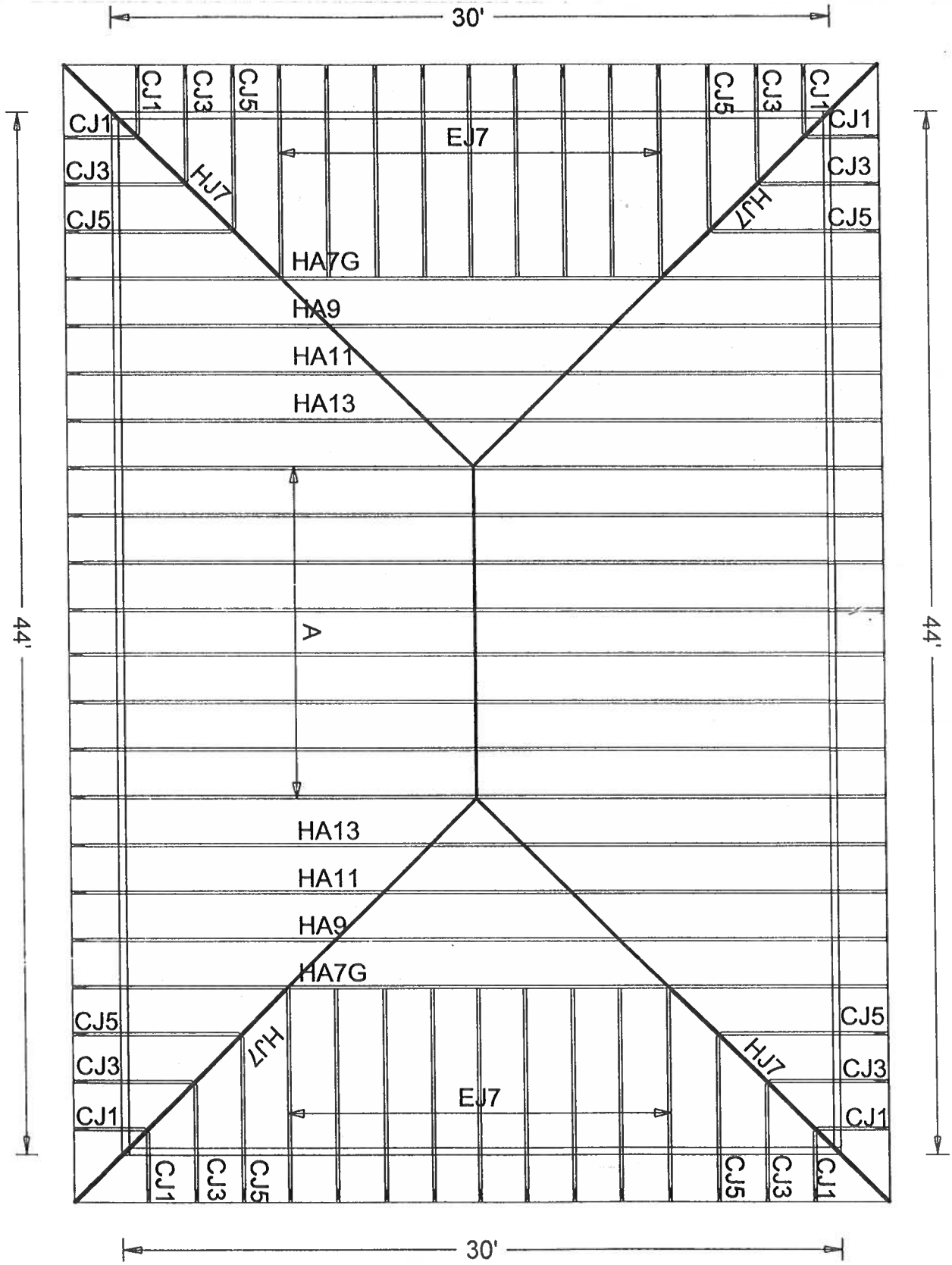
Details: -

#	Ref	Description	Drawing#	Date
1	62872	HA7G	07129025	05/09/07
2	62873	HA9	07129018	05/09/07
3	62874	HA11	07129019	05/09/07
4	62875	HA13	07129020	05/09/07
5	62876	A	07129021	05/09/07
6	62877	CJ1	07129026	05/09/07
7	62878	HJ7	07129016	05/09/07
8	62879	CJ3	07129022	05/09/07
9	62880	CJ5	07129023	05/09/07
10	62881	EJ7	07129024	05/09/07

Seal Date: 05/09/2007

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

#7-145 Dion Taylor - Cimeron
05/08/07



JOB DESCRIPTION:: OWNER BUILDER
/: Dion Taylor - Cimeron

JOB NO. 7-145

PAGE NO. 1 OF 1

(7-145--OWNER BUILDER Dion Taylor - Cimeron -- , ** - HA7G)

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

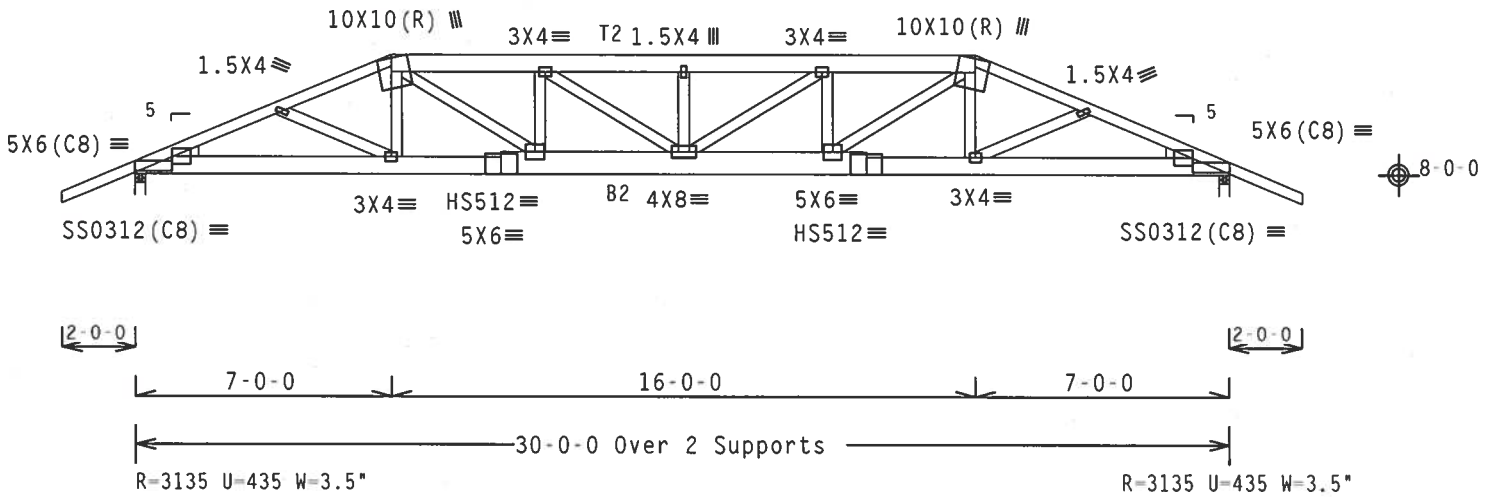
Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x6 SP #1 Dense :B2 2x8 SP #1 Dense:
Webs 2x4 SP #3
:Lt Wedge 2x4 SP #3::Rt Wedge 2x4 SP #3:

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at -2.00 to 62 PLF at 7.00
TC - From 62 PLF at 7.00 to 62 PLF at 23.00
TC - From 62 PLF at 23.00 to 62 PLF at 32.00
BC - From 4 PLF at -2.00 to 4 PLF at -0.00
BC - From 20 PLF at -0.00 to 20 PLF at 30.00
BC - From 4 PLF at 30.00 to 4 PLF at 32.00
TC - 180 LB Conc. Load at 7.06, 9.06, 11.06, 13.06, 15.00 16.94, 18.94, 20.94, 22.94
BC - 696 LB Conc. Load at 7.00, 23.00
BC - 78 LB Conc. Load at 9.06, 11.06, 13.06, 15.00, 16.94 18.94, 20.94



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6627

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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, 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. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR. LICENSE No. 32219 STATE OF FLORIDA PROFESSIONAL ENGINEER
May

TC LL	20.0 PSF	REF	R8228- 62872
TC DL	10.0 PSF	DATE	05/09/07
BC DL	10.0 PSF	DRW	HCUSR8228 07129025
BC LL	0.0 PSF	HC-ENG	AK/AP
TOT.LD.	40.0 PSF	SEQN-	22181
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T768228Z03

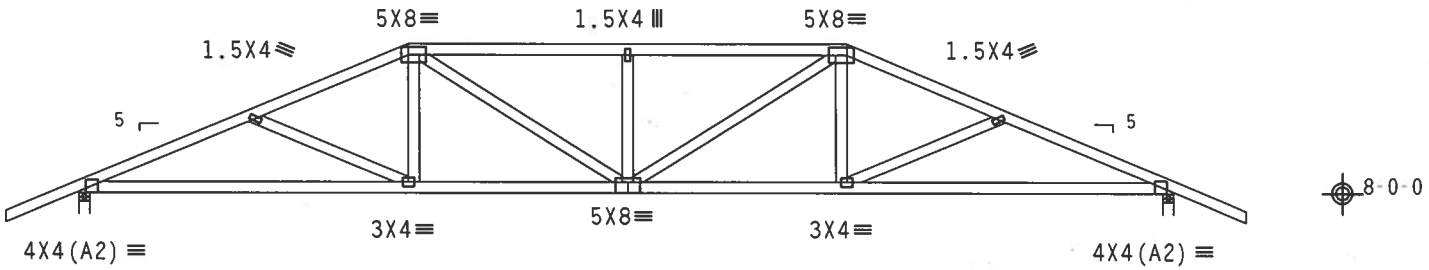
(7-145--OWNER BUILDER Dion Taylor - Cimeron -- , ** - HA9)

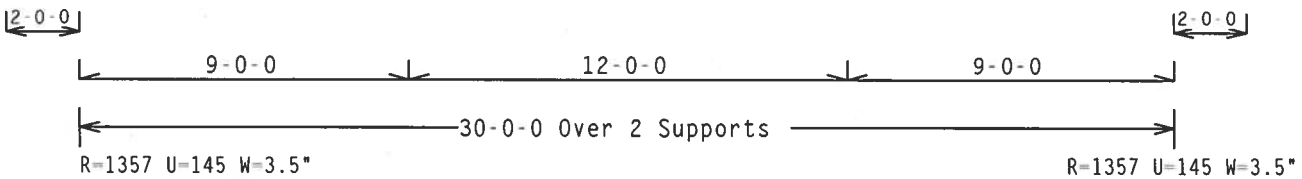
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #667

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 09 07

TC LL	20.0 PSF	REF R8228- 62873
TC DL	10.0 PSF	DATE 05/09/07
BC DL	10.0 PSF	DRW HCUSR8228 07129018
BC LL	0.0 PSF	HC-ENG AK/AP *
TOT.LD.	40.0 PSF	SEQN- 22104
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T768228Z03

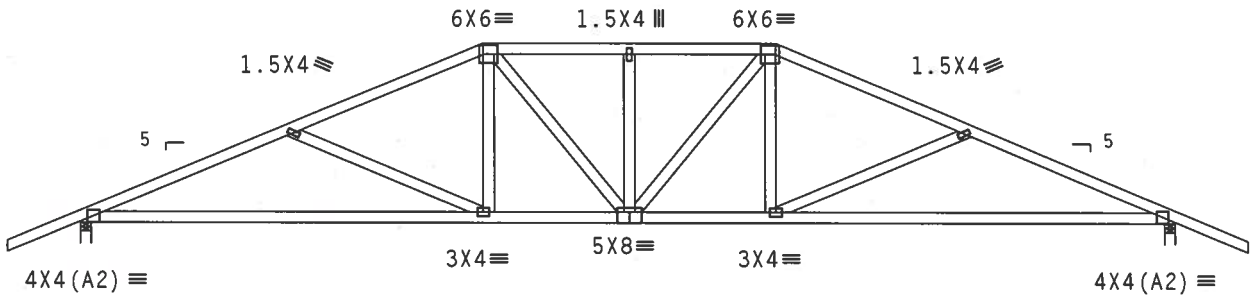
(7-145--OWNER BUILDER Dion Taylor - Cimeron -- , ** - HA11)

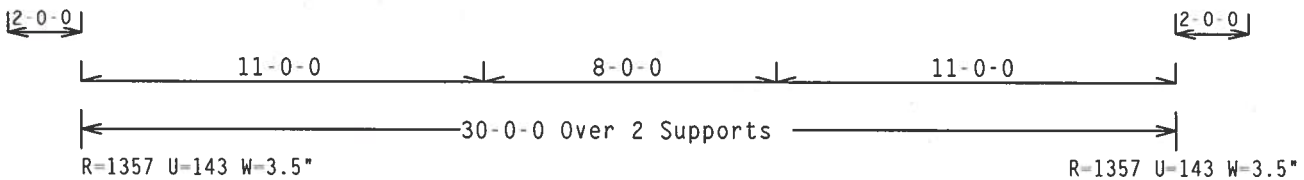
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 09 '07

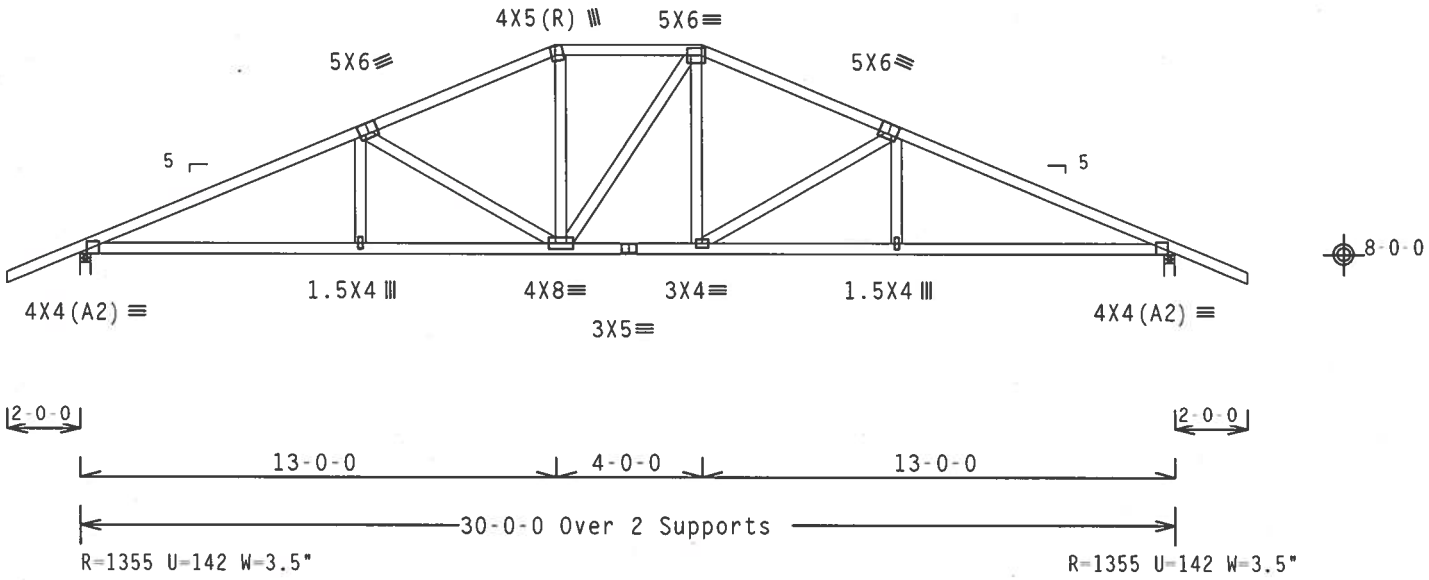
TC LL	20.0 PSF	REF R8228- 62874
TC DL	10.0 PSF	DATE 05/09/07
BC DL	10.0 PSF	DRW HCUSR8228 07129019
BC LL	0.0 PSF	HC-ENG AK/AP *
TOT.LD.	40.0 PSF	SEQN- 22109
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T768228Z03

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

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.10 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 667

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

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

May 0[illegible]

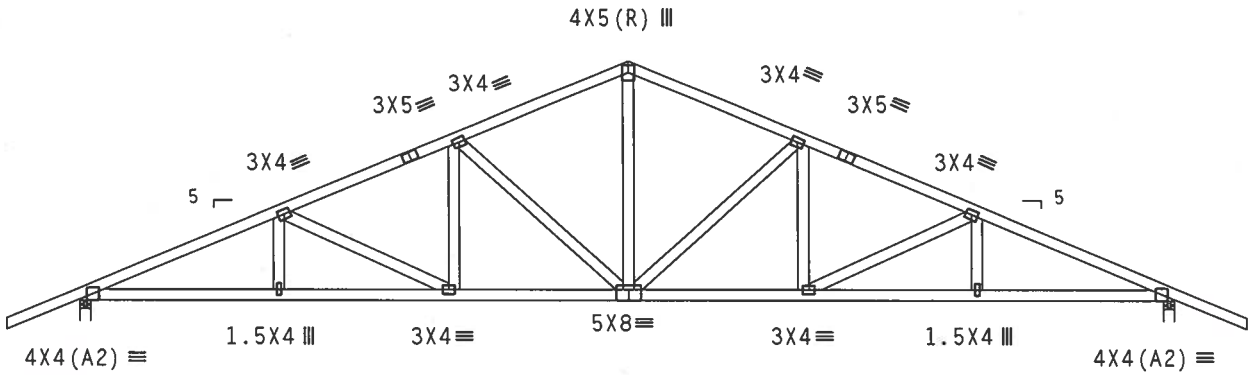
TC LL	20.0 PSF	REF	R8228- 62875
TC DL	10.0 PSF	DATE	05/09/07
BC DL	10.0 PSF	DRW	HCUSR8228 07129020
BC LL	0.0 PSF	HC-ENG	AK/AP *
TOT.LD.	40.0 PSF	SEQN-	22117
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T768228Z03

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

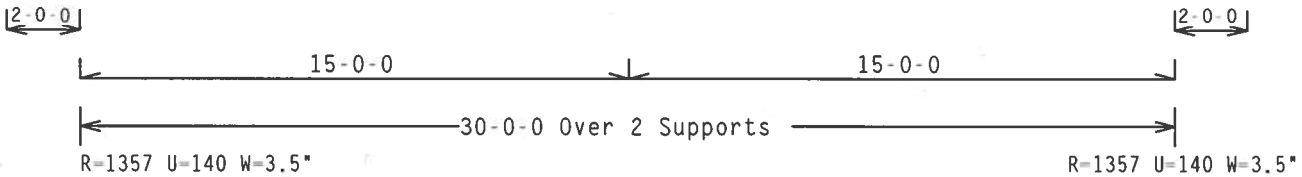
Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



8-0-0



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 E2 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6627

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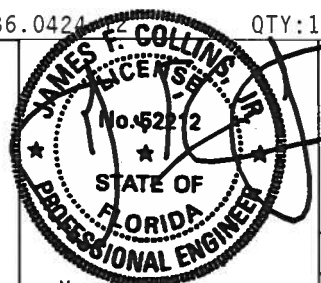


May 09 07

TC LL	20.0 PSF	REF	R8228- 62876
TC DL	10.0 PSF	DATE	05/09/07
BC DL	10.0 PSF	DRW	HCUSR8228 07129021
BC LL	0.0 PSF	HC-ENG	AK/AP *
TOT.LD.	40.0 PSF	SEQN-	22133
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T768228Z03

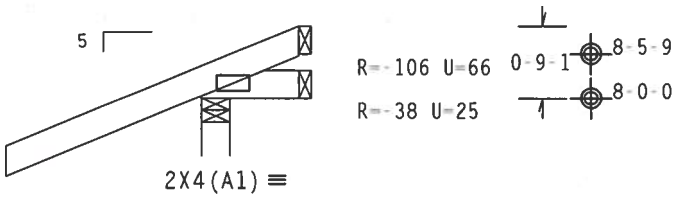
(7-145--OWNER BUILDER Dion Taylor - Cimeron -- , ** - CJ1)

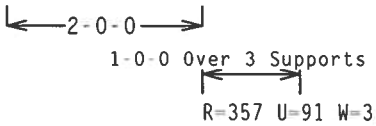
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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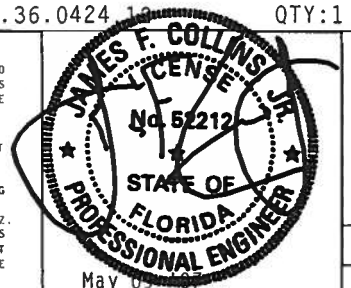


May 09

TC LL	20.0 PSF	REF	R8228- 62877
TC DL	10.0 PSF	DATE	05/09/07
BC DL	10.0 PSF	DRW	HCUSR8228 07129026
BC LL	0.0 PSF	HC-ENG	AK/AP
TOT.LD.	40.0 PSF	SEQN-	22068
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T768228Z03

(7-145--OWNER BUILDER Dion Taylor - Cimeron -- , ** - HJ7)

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

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

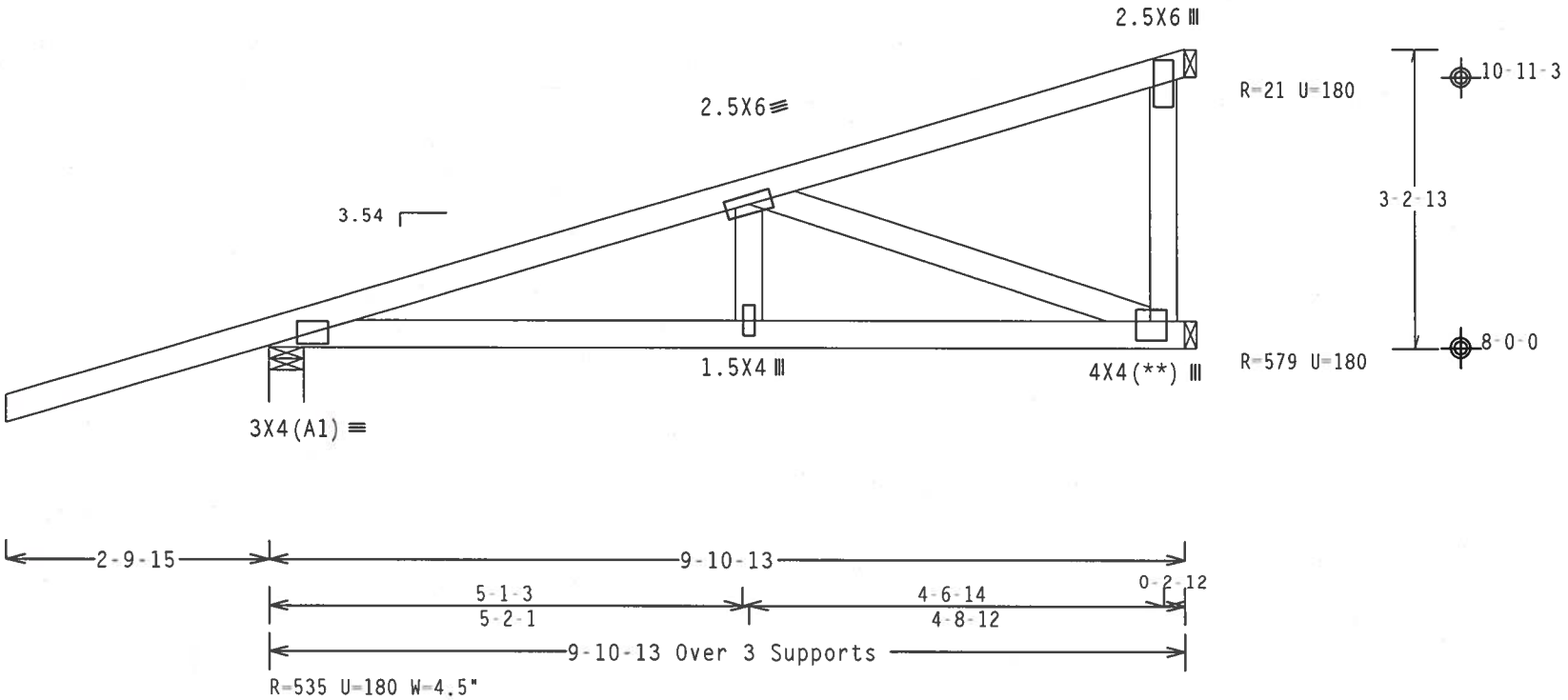
Hipjack supports 7-0-0 setback jacks with no webs.

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

Provide (3)16d (0.162"x3.5") nails toe-nailed at top chord.
Provide (3)16d (0.162"x3.5") nails toe-nailed at bottom chord.

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

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



Design Crit: TPI-2002(STD)

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINSWORTH LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 09 07

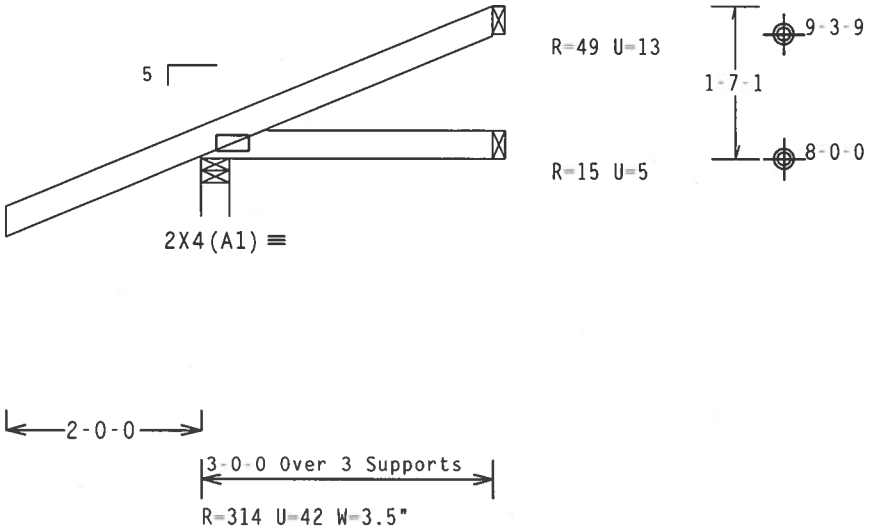
TC LL	20.0 PSF	REF	R8228- 62878
TC DL	10.0 PSF	DATE	05/09/07
BC DL	10.0 PSF	DRW	HCUSR8228 07129016
BC LL	0.0 PSF	HC-ENG	DF/AP
TOT.LD.	40.0 PSF	SEQN-	208070 REV
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1T768228Z03

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

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 647

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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, 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. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M,H/SS/K) ASTM A653 GRADE 40/60 (M, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 09 07

TC LL	20.0 PSF	REF	R8228- 62879
TC DL	10.0 PSF	DATE	05/09/07
BC DL	10.0 PSF	DRW	HCUSR8228 07129022
BC LL	0.0 PSF	HC-ENG	AK/AP *
TOT.LD.	40.0 PSF	SEQN-	22073
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T768228Z03

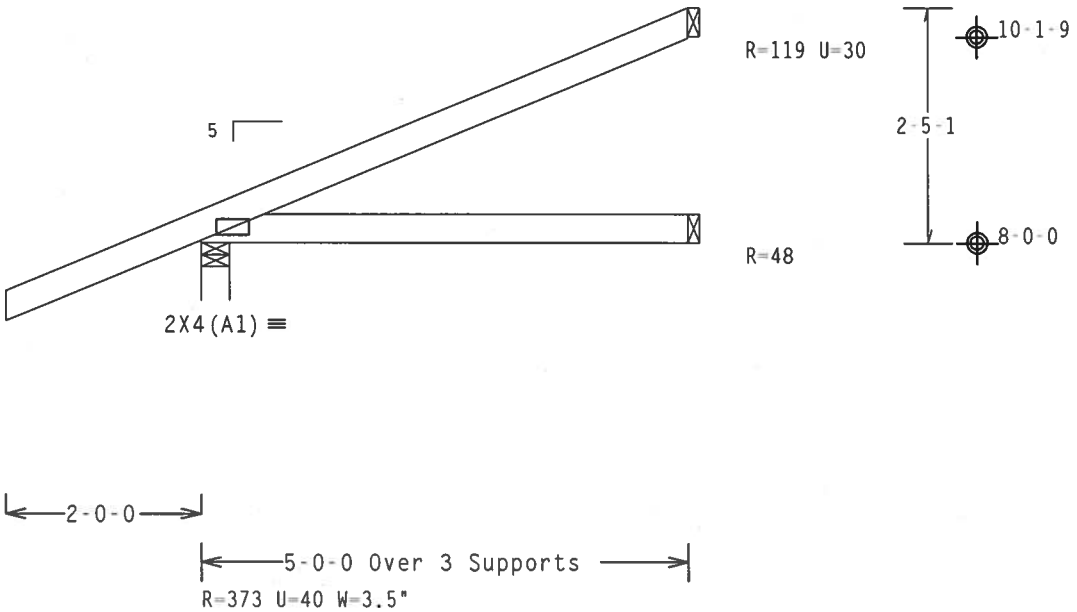
(7-145--OWNER BUILDER Dion Taylor - Cimeron -- , ** - CJ5)

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

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

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

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 09 '07

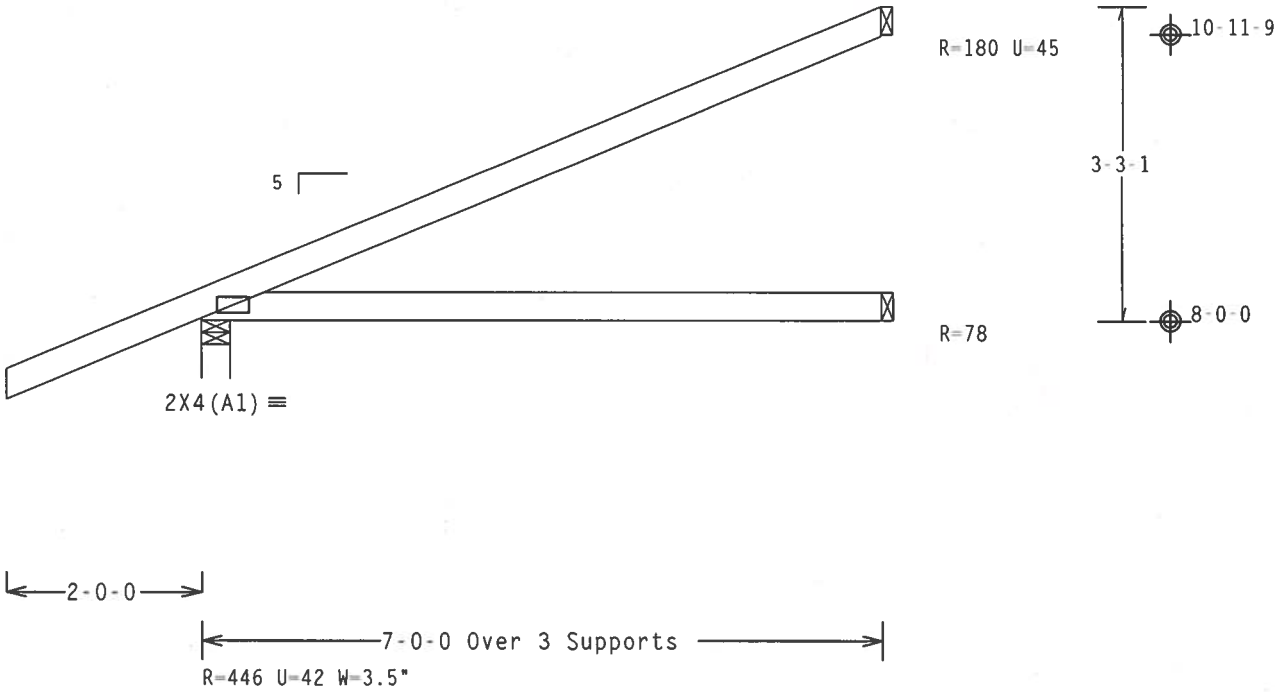
TC LL	20.0 PSF	REF	R8228- 62880
TC DL	10.0 PSF	DATE	05/09/07
BC DL	10.0 PSF	DRW	HCUSR8228 07129023
BC LL	0.0 PSF	HC-ENG	AK/AP *
TOT.LD.	40.0 PSF	SEQN-	22077
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T768228Z03

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

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave

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

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

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JAMES F. COLLINS JR. LICENSE No. 52172 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 09 '07

TC LL	20.0 PSF	REF R8228- 62881
TC DL	10.0 PSF	DATE 05/09/07
BC DL	10.0 PSF	DRW HCUSR8228 07129024
BC LL	0.0 PSF	HC-ENG AK/AP *
TOT.LD.	40.0 PSF	SEQN- 22081
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T768228Z03

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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 106.1). 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** Plans or specifications must state compliance with FBC Section 1609. *The following information must be shown as per section 1603.1.4 FBC* a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally 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.
☐ ☐ e) Location and size of skylights
☐ ☐ f) Building height
☑ ☐ e) Number of stories

Floor Plan including:

☑ ☐ a) Rooms labeled and dimensioned.
☐ ☐ b) Shear walls identified.
☑ ☐ c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
☐ ☐ d) Show safety glazing of glass, where required by code.
☐ ☐ e) Identify egress windows in bedrooms, and size.
☑ ☐ f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
☐ ☐ g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
☑ ☐ h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

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

Roof System:

☑ ☐ a) Truss package including:
1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐ ☐ 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 106.1.1.2)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 shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (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) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

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

Floor Framing System:

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

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

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

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

☑ ☐ f) Appliances and HVAC equipment

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

☑ ☐ h) Exhaust fans in bathroom

HVAC information

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

☑ ☐ b) Manual J sizing equipment or equivalent computation

☐ ☐ c)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)**

4. **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. **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. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**

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

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			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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

APPLICANT SIGNATURE

5-31-07
DATE

FLORIDA DEPARTMENT OF
Community Affairs

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Community Affairs

- COMMUNITY PLANNING
- HOUSING & COMMUNITY DEVELOPMENT
- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY

Product Approval
USER: Public User

Product Approval Menu > Product or Application Search > **Application List**

Search Criteria

Code Version	2004	FL#	ALL
Application Type	ALL	Product Manufacturer	Masonit
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL

Search Results - Applications

FL#	Type	Manufacturer	Validated By
FL4242-R1 History	Revision	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL4334-R1 History	Revision	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL4668-R1 History	Revision	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL4904	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL4940	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL5114	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL5465	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door	

		Assemblies
FL5507	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL5508	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL6015	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL6506-R1 History	Revision	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL6509	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL7050	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL7091	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

FLORIDA DEPARTMENT OF Community Affairs

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Community Affairs

- COMMUNITY PLANNING
- HOUSING & COMMUNITY DEVELOPMENT
- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY

Product Approval

USER: Public User

Product Approval Menu > Product or Application Search > **Application List**

Search Criteria

Code Version	2004	FL#	ALL
Application Type	ALL	Product Manufacturer	MI Windo
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL

Search Results - Applications

Go to Page GO!

FL#	Type	Manufacturer	Validat
FL5100	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	
FL5104	New	MI Windows and Doors **Category:** Windows **Subcategory:** Double Hung	
FL5108	New	MI Windows and Doors **Category:** Windows **Subcategory:** Single Hung	
FL5418	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	
FL5438	New	MI Windows and Doors **Category:** Windows **Subcategory:** Single Hung	
FL5447	New	MI Windows and Doors **Category:** Windows **Subcategory:** Double Hung	
FL5451	New	MI Windows and Doors **Category:** Windows **Subcategory:** Horizontal Slider	
FL5483-R1 History	Revision	MI Windows and Doors **Category:** Exterior Doors **Subcategory:** Sliding Exterior Door Assemblies	
FL5513	New	MI Windows and Doors **Category:** Windows	Steven

		Subcategory: Mullions	(717) 7
FL6023	New	MI Windows and Doors **Category:** Windows **Subcategory:** Casement	
FL6024	New	MI Windows and Doors **Category:** Windows **Subcategory:** Horizontal Slider	
FL6028	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	
FL6029	New	MI Windows and Doors **Category:** Windows **Subcategory:** Single Hung	
FL6489	New	MI Windows and Doors **Category:** Windows **Subcategory:** Mullions	Steven (717) 7
FL6499	New	MI Windows and Doors **Category:** Windows **Subcategory:** Single Hung	
FL6501	New	MI Windows and Doors **Category:** Windows **Subcategory:** Double Hung	
FL6502	New	MI Windows and Doors **Category:** Windows **Subcategory:** Horizontal Slider	
FL6503	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	
FL6679	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	

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DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

FLORIDA DEPARTMENT OF
Community Affairs

Community Affairs

Product Approval

USER: Public User

FL #	FL5438
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	MI Windows and Doors
Address/Phone/Email	650 W Market St Gratz, PA 17030 (717) 365-3300 ext 2564 bdoyle@mihp.com
Authorized Signature	Brandon Doyle bdoyle@mihp.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing
Certification Agency	American Architectural Manufacturers
Referenced Standard and Year (of	**Standard**

Standard)	ANSI/AAMA/NWWDA 101/I.S.2
Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	09/22/2005
Date Validated	10/14/2005
Date Pending FBC Approval	10/07/2005
Date Approved	10/17/2005

Summary of Products

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FL #	Model, Number or Name	Description
5438.1	165 Triple with Continuous Head and Sill	106x72 Insulated SSB An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-20* DP-31.4 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** PTID_5438_I_165 SH Fla Fastener Schedule.pdf PTID_5438_I_650 SH Fla Fastener Schedule.pdf PTID_5438_I_740-744 S - Fastener Schedule.pdf PTID_5438_I_AAMA Cha Windows.pdf PTID_5438_I_Installatior BetterBilt Nail Fin Alum W PTID_5438_I_Installatior BetterBilt Nail Fin Vinyl W PTID_5438_I_Installatior Nail Fin Alum Windows.pd PTID_5438_I_Installatior Nail Fin Vinyl Windows.pd Verified By:
5438.2	165/3000 Fin Frame Oriel	47x89 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-30 DP-42.7 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:

5438.3	165/3000 Fin Frame Oriel	40x90 Insul SSB Annealed Fixed
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35* DP-47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.4	165/3000 Flange Frame Beveled Buck	53x72 Single Glazed 3/16
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP-47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.5	165/3000 Flange Frame Oriel	47x89 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-25 DP-34.7 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.6	165/3000 Flange Frame Oriel	36x88 Insulated SSB Ann Annealed Fixed
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35* DP-47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.7	3540 Fin Frame	36x74 Insulated SSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-40* DP-47 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.8	3540 Fin Frame	44x72 Insulated SSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:**		**Certification Agency Ce** **Installation Instruction**

Approved for use outside HVHZ: **Impact Resistant:** **Design Pressure:** +/- **Other:** R-40 DP-47.2 Per manufacturers installation instructions.		Verified By:
5438.9	3540 Fin Frame Triple with Continuous Head and Sill	108x72 Insulated SSB An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-35* DP-50 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.10	4340 Fin Frame	36x62 Insulated SSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-40* DP-55 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.11	4340 Fin Frame	36x60 Insulated SSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-40* DP-55 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.12	4340 Fin Frame	36x74 Insulated SSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-40* DP-47 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.13	4340 Fin Frame	36x72 Insulated SSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-40* DP-50 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.14	455 Fin Frame	48x84 Insulated DSB Ann

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-50 DP-50 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.15	455 Fin Frame	54x90 Insulated DSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-35 DP-50 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.16	650 Fin Frame	53x90 Insulated SSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-30 DP-47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.17	650 Fin Oriel	48x84 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP-47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.18	650 Flange Frame	48x84 Insulated SSB Ann
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-35 DP-47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
5438.19	650 Flange Frame Oriel	48x84 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP-47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:

5438.20	740/3740 Fin Frame	52x71 Single Glazed DSB
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-45 DP-45 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:

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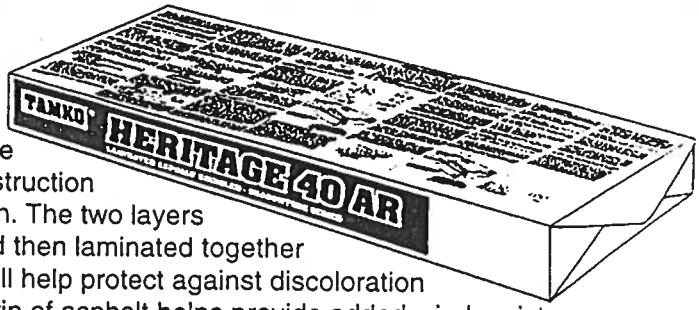
Product Approval Accepts:

FL 673

HERITAGE 40 AR®

PRODUCT DATA

LAMINATED ASPHALT SHINGLES



Manufactured in Tuscaloosa, AL.

HERITAGE 40 AR® shingles feature a double-layer fiberglass mat construction with a random-cut sawtooth design. The two layers of mat are coated with asphalt and then laminated together and surfaced with granules that will help protect against discoloration caused by algae. A self-sealing strip of asphalt helps provide added wind resistance.

USES

For application to roof decks with inclines of not less than 2 inches per foot. For slopes between 2 inches and 4 inches per foot, refer to wrapper instructions.

ADVANTAGES

- 40 year limited warranty, 7 year FULL START, limited transferability, winds up to 80 MPH
- Superior fire resistance compared to organic shingles
- Rustic beauty of wood shakes
- Shadowtone feature adds depth and dimensional appearance
- Algae resistant granules to protect against discoloration in areas where extreme humidity is a problem
- 10 year limited warranty against discoloration caused by certain algae growth

CERTIFICATIONS

UL Class A Fire Rating	ASTM D 3018, Type I
UL Wind Resistant	ASTM E 108, Class A
	ASTM D 3161, Type I (Modified to 110 mph)
Fed. Spec.: Exceeds SS-S-001534, Class A, Type I	ASTM D 3462

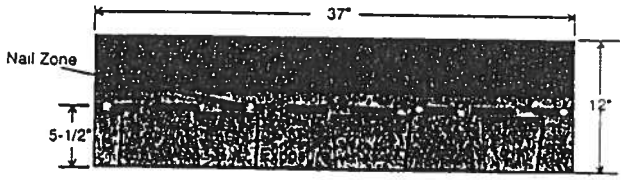
COLORS

America's Natural Colors:

- Natural Timber
- Painted Desert
- Thunderstorm Grey
- Harvest Gold
- Mountain Slate
- Black Walnut

PRODUCT DATA*

Shingle size	12" X 36"
Exposure	5"
Shingles per square	80
Bundles per square	4



*All values stated as nominal

CAUTION: The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Do not heat or burn this product.

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Visit our Web Site at www.tamko.com

01/2002

Central District	220 West 4th St., Joplin, MO	64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD	21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL	35401	800-228-2656
Southwest District	7910 S. Central Exp., Dallas, TX	75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO	80216	800-530-8868

Project Summary

Client:	Dion Taylor	Company:	Glenn I. Jones, Inc.
Address:		Representative:	Glenn Jr.
City:	Lake City, FL 32055	Address:	811 N. 5th. St.
Phone:	755-1862	City:	Lake City, Fl. 32055
Fax:		Phone:	(904) 752-5389
		Fax:	(904) 755-3401
		Comment:	

Design Data

Project Name:
Reference City: Lake City, Florida
Daily Temperature Range: Medium
Latitude: 30 Degrees
Elevation: 26 Feet

	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum.	Indoor Dry Bulb	Grains Difference
Winter:	27	N/A	N/A	70	N/A
Summer:	96	78	50%	75	51

Check Figures

Total Building Supply CFM: 800
Square feet of room area: 1,334
CFM per square foot: 0.6
Square feet per ton: 699.121

Building Loads

Total heating required with outside air:	27,645 Btuh	27.645 MBH
Total sensible gain:	17,173 Btuh	82 %
Total latent gain:	3,862 Btuh	18 %
Total cooling required with outside air:	21,035 Btuh	1.753 Tons (based on sensible + latent)
		1.908 Tons (based on 75% sensible capacity)

Notes

Calculations are based on 7th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

Miscellaneous Project Data

Project File Name: UNTITLED

System Input Data

---System 1---	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum.	Indoor Dry Bulb	Grains Difference
Winter:	27	N/A	N/A	70	N/A
Summer:	96	78	50%	75	51

External Overhangs

No.	Projection	Offset	No.	Projection	Offset
1	3	1	6	0	0
2	5	1	7	0	0
3	4	1	8	0	0
4	2	1	9	0	0
5	10	1	10	0	0

Duct Sizing Inputs

	Runouts	Main Trunk
Duct Material:	Flexible Duct	Fiberglass Duct Board
Roughness Factor:	0.010000	0.003000
Pressure Drop:	0.1000 In.wg/100 Ft.	0.1000 In.wg/100 Ft.
Minimum Velocity:	450.0 Ft./Minute	650.0 Ft./Minute
Maximum Velocity:	750.0 Ft./Minute	900.0 Ft./Minute
Minimum Height:	0 Inches	0 Inches
Maximum Height:	0 Inches	0 Inches

Outside Air Data

	Winter	Summer
Infiltration:	0.900 AC/Hr	0.400 AC/Hr
Volume of Conditioned Space:	X 10672 Cu.Ft.	X 10672 Cu.Ft.
	9,605 Cu.Ft./Hr	4,269 Cu.Ft./Hr
	X 0.0167	X 0.0167
Total Building Infiltration:	160.08 CFM	71.14667 CFM
Total Building Ventilation:	0 CFM	0 CFM

---System 1---

Infiltration & Ventilation Sensible Gain Multiplier: 23.10 = (1.10 X 21.00 Summer Temp. Difference)
Infiltration & Ventilation Latent Gain Multiplier: 34.86 = (0.68 X 51.27 Grains Difference)
Infiltration & Ventilation Sensible Loss Multiplier: 47.30 = (1.10 X 43.00 Winter Temp. Difference)

Total Building Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	177	5,521	0	4,893	4,893
8O Glass Door Double Clear Glass Metal Frame	42	1,309	0	983	983
10D Door Wood Solid Core	42	830	0	476	476
12D Wall R-11 + 1/2" Asphlt Board(R-1.3)	1,035	3,560	0	2,037	2,037
16G Ceiling R-30 Insulation	1,334	1,894	0	1,979	1,979
22A Slab on Grade No Edge Insulation	162	5,643	0	0	0
Subtotals for structure:	2,792	18,757	0	10,368	10,368
Active People:	6	0	1,380	1,800	3,180
Inactive People:	0	0	0	0	0
Appliances:	0	0	0	1,800	1,800
Lighting:	0	0		0	
Ductwork:	0	1,317	0	1,561	1,561
Infiltration: Winter CFM: 160.1, Summer CFM: 71.1	261	7,571	2,482	1,644	4,126
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				17,173	
Temperature Swing Multiplier:				X1.00	
Building Load Totals:		27,645	3,862	17,173	21,035

Check Figures

Total Building Supply CFM:	800	CFM per square foot:	0.6
Square feet of room area:	1,334	Square feet per ton:	699.121

Building Loads

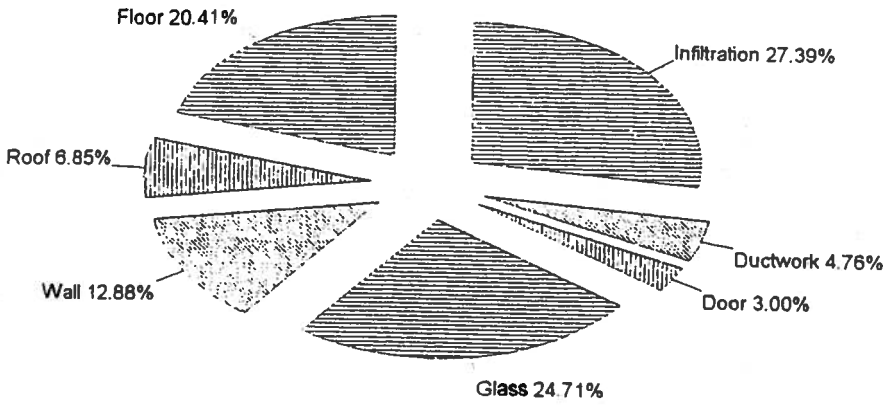
Total heating required with outside air:	27,645 Btuh	27.645 MBH	
Total sensible gain:	17,173 Btuh	82 %	
Total latent gain:	3,862 Btuh	18 %	
Total cooling required with outside air:	21,035 Btuh	1.753 Tons (based on sensible + latent)	
		1.908 Tons (based on 75% sensible capacity)	

Notes

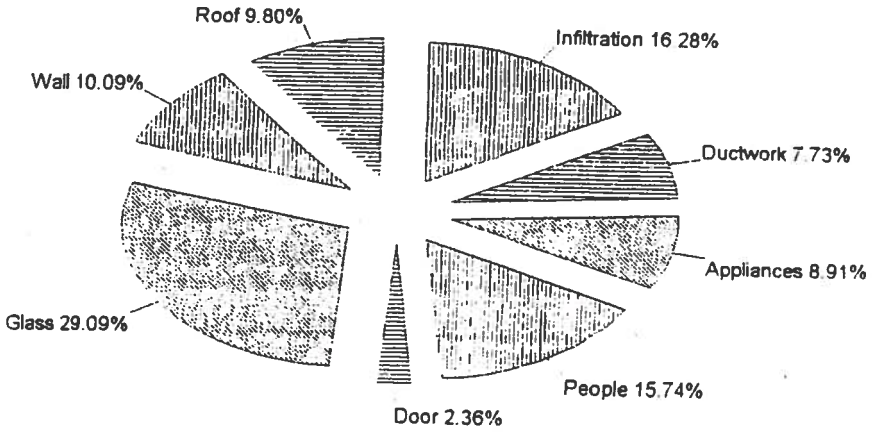
Calculations are based on 7th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

Building Load Pie Charts

Total Building Loss 27,645 BTUH



Total Building Gain 21,035 BTUH



System #1 Zone #1 Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	177	5,521	0	4,893	4,893
8O Glass Door Double Clear Glass Metal Frame	42	1,309	0	983	983
10D Door Wood Solid Core	42	830	0	476	476
12D Wall R-11 + 1/2" Asphlt Board(R-1.3)	1,035	3,560	0	2,037	2,037
16G Ceiling R-30 Insulation	1,334	1,894	0	1,979	1,979
22A Slab on Grade No Edge Insulation	162	5,643	0	0	0
Subtotals for structure:	2,792	18,757	0	10,368	10,368
Active People:	6	0	1,380	1,800	3,180
Inactive People:	0	0	0	0	0
Appliances:	0	0	0	1,800	1,800
Lighting:	0	0		0	
Ductwork:	0	1,317	0	1,561	1,561
Infiltration: Winter CFM: 160.1, Summer CFM: 71.1	261	7,571	2,482	1,644	4,126
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				17,173	
Temperature Swing Multiplier:				X1.00	
Zone Load Totals:		27,645	3,862	17,173	21,035

Check Figures

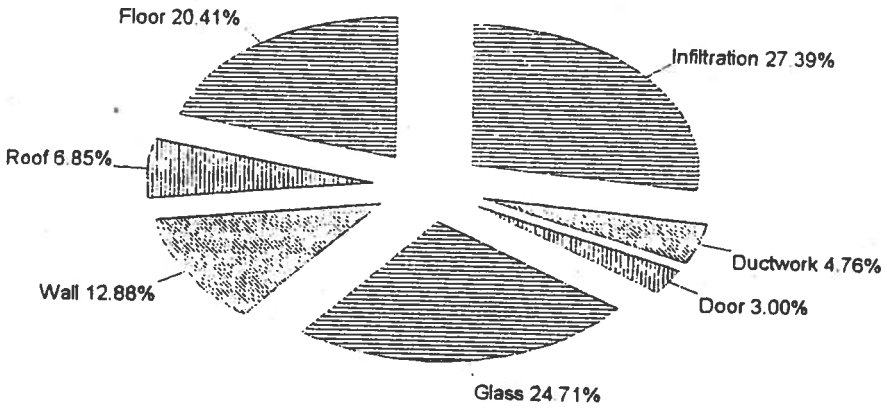
Supply CFM:	800	CFM per square foot:	0.6
Square feet of room area:	1,334	Square feet per ton:	699.121

Zone Loads

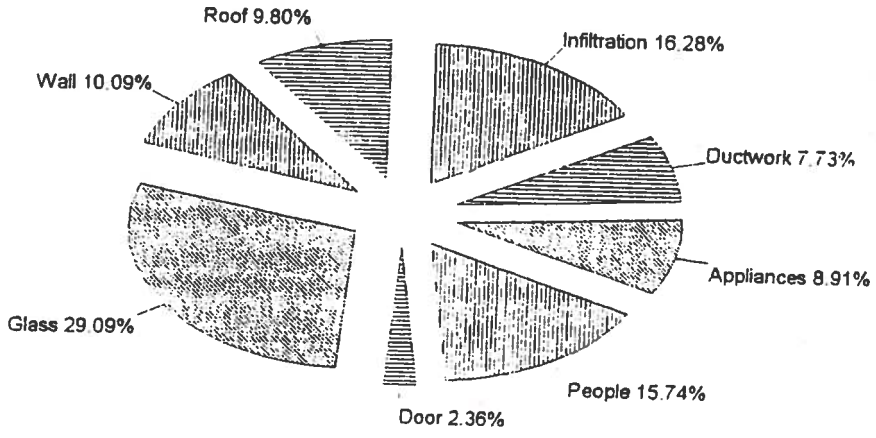
Total heating required with outside air:	27,645 Btuh	27.645 MBH
Total sensible gain:	17,173 Btuh	82 %
Total latent gain:	3,862 Btuh	18 %
Total cooling required with outside air:	21,035 Btuh	1.753 Tons (based on sensible + latent)
		1.908 Tons (based on 75% sensible capacity)

System #1 Zone #1 Load Pie Charts

Total Zone Loss 27,645 BTUH



Total Zone Gain 21,035 BTUH



Detailed Room Loads

1. M. Bedroom

Room Length:	14.0	Feet	System Number:	1	
Room Width:	17.0	Feet	Zone Number:	1	
Area:	238.0	Square Feet	Supply Air:	121	CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0	CFM
Volume:	1,904.0	Cubic Feet	Actual Winter Ventilation Air:	0	CFM
Number of Registers:	1		% of Supply:	0	%
Runout Air:	121	CFM	Actual Summer Ventilation Air:	0	CFM
Runout Duct Size:	7	Inches	% of Supply:	0	%
Runout Air Velocity:	452	Feet/Minute	Actual Winter Infiltration Air:	18	CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	8	CFM allocated
Actual Loss:	0.107	In.wg/100 Ft.			

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 17 X 8	121	0.080	3.4	416	2.0	0	238
W -WALL-12D 14 X 8	97	0.080	3.4	334	2.0	0	191
N -GLAS-3C 2-P O-4 S-1 100%S	15	0.725	31.2	468	23.4	0	351
W -GLAS-3C 2-P O-4 S-1 65%S	15	0.725	31.2	468	40.1	0	601
UP-CEIL-16G DARK 14 X 17	238	0.033	1.4	338	1.5	0	353
FLOOR-22A 31 FT	31	0.810	34.8	1,080	0.0	0	0
Subtotals for structure:	517			3104		0	1734
Infiltration: Winter: 18.4, Summer: 8.2:	30		29.000	870	6.300	285	189
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	199	0.100	0	192
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							2115
Temperature Swing Multiplier:							X1.00
Room Totals:				4,173		285	2,115

Detailed Room Loads

2. M. Bath

Room Length:	5.0	Feet	System Number:	1	
Room Width:	8.0	Feet	Zone Number:	1	
Area:	40.0	Square Feet	Supply Air:	32	CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0	CFM
Volume:	320.0	Cubic Feet	Actual Winter Ventilation Air:	0	CFM
Number of Registers:	1		% of Supply:	0	%
Runout Air:	32	CFM	Actual Summer Ventilation Air:	0	CFM
Runout Duct Size:	3	Inches	% of Supply:	0	%
Runout Air Velocity:	660	Feet/Minute	Actual Winter Infiltration Air:	6	CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	2	CFM allocated
Actual Loss:	0.746	In.wg/100 Ft.			

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 8 X 8	55	0.080	3.4	189	2.0	0	108
N -GLAS-3C 2-P O-4 S-1 100%S	9	0.725	31.2	281	23.4	0	211
UP-CEIL-16G DARK 5 X 8	40	0.033	1.4	57	1.5	0	59
FLOOR-22A 8 FT	8	0.810	34.8	279	0.0	0	0
Subtotals for structure:	112			806		0	378
Infiltration: Winter: 5.5, Summer: 2.5:	9		29.000	261	6.333	86	57
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	53	0.100	0	44
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:						0	0
Sensible Gain Total:							479
Temperature Swing Multiplier:							X1.00
Room Totals:				1,120		86	479

Detailed Room Loads

3. Bath

Room Length:	8.0	Feet	System Number:	1
Room Width:	5.0	Feet	Zone Number:	1
Area:	40.0	Square Feet	Supply Air:	2 CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0 CFM
Volume:	320.0	Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1		% of Supply:	0 %
Runout Air:	2	CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	0	Inches	% of Supply:	0 %
Runout Air Velocity:	0*	Feet/Minute	Actual Winter Infiltration Air:	0 CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	0 CFM allocated
Actual Loss:	0.000	In.wg/100 Ft.		

*Runout velocity constraints were not met due to duct schedule limitations.

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
UP-CEIL-16G DARK 8 X 5	40	0.033	1.4	57	1.5	0	59
Subtotals for structure:	40			57		0	59
Infiltration: Winter: 0.0, Summer: 0.0:	0		0.000	0	0.000	0	0
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	3	0.100	0	6
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							65
Temperature Swing Multiplier:							X1.00
Room Totals:				60		0	65

Detailed Room Loads

4. Bedroom 2

Room Length:	11.0	Feet	System Number:	1	
Room Width:	13.0	Feet	Zone Number:	1	
Area:	143.0	Square Feet	Supply Air:	103	CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0	CFM
Volume:	1,144.0	Cubic Feet	Actual Winter Ventilation Air:	0	CFM
Number of Registers:	1		% of Supply:	0	%
Runout Air:	103	CFM	Actual Summer Ventilation Air:	0	CFM
Runout Duct Size:	6	Inches	% of Supply:	0	%
Runout Air Velocity:	526	Feet/Minute	Actual Winter Infiltration Air:	18	CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	8	CFM allocated
Actual Loss:	0.179	In.wg/100 Ft.			

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
W -WALL-12D 13 X 8	89	0.080	3.4	306	2.0	0	175
S -WALL-12D 11 X 8	73	0.080	3.4	251	2.0	0	144
W -GLAS-3C 2-P O-4 S-1 65%S	15	0.725	31.2	468	40.1	0	601
S -GLAS-3C 2-P O-4 S-1 100%S	15	0.725	31.2	468	23.4	0	351
UP-CEIL-16G DARK 11 X 13	143	0.033	1.4	203	1.5	0	212
FLOOR-22A 24 FT	24	0.810	34.8	836	0.0	0	0
Subtotals for structure:	359			2532		0	1483
Infiltration: Winter: 18.4, Summer: 8.2:	30		29.000	870	6.300	285	189
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	170	0.100	0	167
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:							
Lighting:						0	0
Sensible Gain Total:							0
Temperature Swing Multiplier:							1839
Room Totals:							X1.00
				3,572		285	1,839

Detailed Room Loads

5. Bedroom 3

Room Length:	10.0	Feet	System Number:	1	
Room Width:	12.0	Feet	Zone Number:	1	
Area:	120.0	Square Feet	Supply Air:	54	CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0	CFM
Volume:	960.0	Cubic Feet	Actual Winter Ventilation Air:	0	CFM
Number of Registers:	1		% of Supply:	0	%
Runout Air:	54	CFM	Actual Summer Ventilation Air:	0	CFM
Runout Duct Size:	4	Inches	% of Supply:	0	%
Runout Air Velocity:	616	Feet/Minute	Actual Winter Infiltration Air:	9	CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	4	CFM allocated
Actual Loss:	0.432	In.wg/100 Ft.			

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
S -WALL-12D 12 X 8	81	0.080	3.4	279	2.0	0	159
S -GLAS-3C 2-P O-4 S-1 100%S	15	0.725	31.2	468	23.4	0	351
UP-CEIL-16G DARK 10 X 12	120	0.033	1.4	170	1.5	0	178
FLOOR-22A 12 FT	12	0.810	34.8	418	0.0	0	0
Subtotals for structure:	228			1335		0	688
Infiltration: Winter: 9.2, Summer: 4.1:	15		29.000	435	6.267	143	94
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	89	0.100	0	78
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							860
Temperature Swing Multiplier:							X1.00
Room Totals:				1,859		143	860

Detailed Room Loads

6. Living Room

Room Length:	13.0	Feet	System Number:	1	
Room Width:	18.0	Feet	Zone Number:	1	
Area:	234.0	Square Feet	Supply Air:	125	CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0	CFM
Volume:	1,872.0	Cubic Feet	Actual Winter Ventilation Air:	0	CFM
Number of Registers:	1		% of Supply:	0	%
Runout Air:	125	CFM	Actual Summer Ventilation Air:	0	CFM
Runout Duct Size:	7	Inches	% of Supply:	0	%
Runout Air Velocity:	467	Feet/Minute	Actual Winter Infiltration Air:	31	CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	14	CFM allocated
Actual Loss:	0.114	In.wg/100 Ft.			

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
S -WALL-12D 18 X 8	93	0.080	3.4	320	2.0	0	183
S -DOOR-10D 3 X 7	21	0.460	19.8	415	11.3	0	238
S -GLAS-3C 2-P O-4 S-1 100%S	30	0.725	31.2	935	23.4	0	702
UP-CEIL-16G DARK 13 X 18	234	0.033	1.4	332	1.5	0	347
FLOOR-22A 18 FT	18	0.810	34.8	627	0.0	0	0
Subtotals for structure:	396			2629		0	1470
Infiltration: Winter: 31.3, Summer: 13.9:	51		29.020	1,480	6.294	485	321
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	205	0.100	0	179
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							1970
Temperature Swing Multiplier:							X1.00
Room Totals:				4,314		485	1,970

Detailed Room Loads

7. Kitchen

Room Length:	11.0	Feet	System Number:	1
Room Width:	10.0	Feet	Zone Number:	1
Area:	110.0	Square Feet	Supply Air:	39 CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0 CFM
Volume:	880.0	Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1		% of Supply:	0 %
Runout Air:	39	CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	4	Inches	% of Supply:	0 %
Runout Air Velocity:	449*	Feet/Minute	Actual Winter Infiltration Air:	6 CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	2 CFM allocated
Actual Loss:	0.231	In.wg/100 Ft.		

*Runout velocity constraints were not met due to duct schedule limitations.

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 10 X 8	71	0.080	3.4	244	2.0	0	140
N -GLAS-3C 2-P O-4 S-1 100%S	9	0.725	31.2	281	23.4	0	211
UP-CEIL-16G DARK 11 X 10	110	0.033	1.4	156	1.5	0	163
FLOOR-22A 10 FT	10	0.810	34.8	348	0.0	0	0
Subtotals for structure:	200			1029		0	514
Infiltration: Winter: 5.5, Summer: 2.5:	9		29.000	261	6.333	86	57
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	65	0.100	0	177
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	1,200
Lighting:							0
Sensible Gain Total:							1948
Temperature Swing Multiplier:							X1.00
Room Totals:				1,355		86	1,948

Detailed Room Loads

8. Dining Room

Room Length:	11.0	Feet	System Number:	1	
Room Width:	11.0	Feet	Zone Number:	1	
Area:	121.0	Square Feet	Supply Air:	98	CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0	CFM
Volume:	968.0	Cubic Feet	Actual Winter Ventilation Air:	0	CFM
Number of Registers:	1		% of Supply:	0	%
Runout Air:	98	CFM	Actual Summer Ventilation Air:	0	CFM
Runout Duct Size:	6	Inches	% of Supply:	0	%
Runout Air Velocity:	501	Feet/Minute	Actual Winter Infiltration Air:	26	CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	11	CFM allocated
Actual Loss:	0.163	In.wg/100 Ft.			

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 11 X 8	46	0.080	3.4	158	2.0	0	91
N -G.DR-8O 2-P 0-4 S-1 100%S	42	0.725	31.2	1,309	23.4	0	983
UP-CEIL-16G DARK 11 X 11	121	0.033	1.4	172	1.5	0	180
FLOOR-22A 11 FT	11	0.810	34.8	383	0.0	0	0
Subtotals for structure:	220			2022		0	1254
Infiltration: Winter: 25.8, Summer: 11.4:	42		29.000	1,218	6.286	399	264
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	162	0.100	0	152
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							1670
Temperature Swing Multiplier:							X1.00
Room Totals:				3,402		399	1,670

Detailed Room Loads

9. Utility

Room Length:	5.0 Feet	System Number:	1
Room Width:	12.0 Feet	Zone Number:	1
Area:	60.0 Square Feet	Supply Air:	50 CFM
Ceiling Height:	8.0 Feet	Required Vent. Air:	0 CFM
Volume:	480.0 Cubic Feet	Actual Winter Ventilation Air:	0 CFM
Number of Registers:	1	% of Supply:	0 %
Runout Air:	50 CFM	Actual Summer Ventilation Air:	0 CFM
Runout Duct Size:	4 Inches	% of Supply:	0 %
Runout Air Velocity:	577 Feet/Minute	Actual Winter Infiltration Air:	6 CFM allocated
Design Loss:	0.100 In.wg/100 Ft.	Actual Summer Infiltration Air:	2 CFM allocated
Actual Loss:	0.378 In.wg/100 Ft.		

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
N -WALL-12D 12 X 8	87	0.080	3.4	299	2.0	0	171
E -WALL-12D 5 X 8	40	0.080	3.4	138	2.0	0	79
N -GLAS-3C 2-P O-4 S-1 100%S	9	0.725	31.2	281	23.4	0	211
UP-CEIL-16G DARK 5 X 12	60	0.033	1.4	85	1.5	0	89
FLOOR-22A 17 FT	17	0.810	34.8	592	0.0	0	0
Subtotals for structure:	213			1395		0	550
Infiltration: Winter: 5.5, Summer: 2.5:	9		29.000	261	6.333	86	57
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	83	0.100	0	121
Active People: 230 lat/per, 300 sen/per:	0					0	0
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	600
Lighting:							0
Sensible Gain Total:							1328
Temperature Swing Multiplier:							X1.00
Room Totals:				1,739		86	1,328

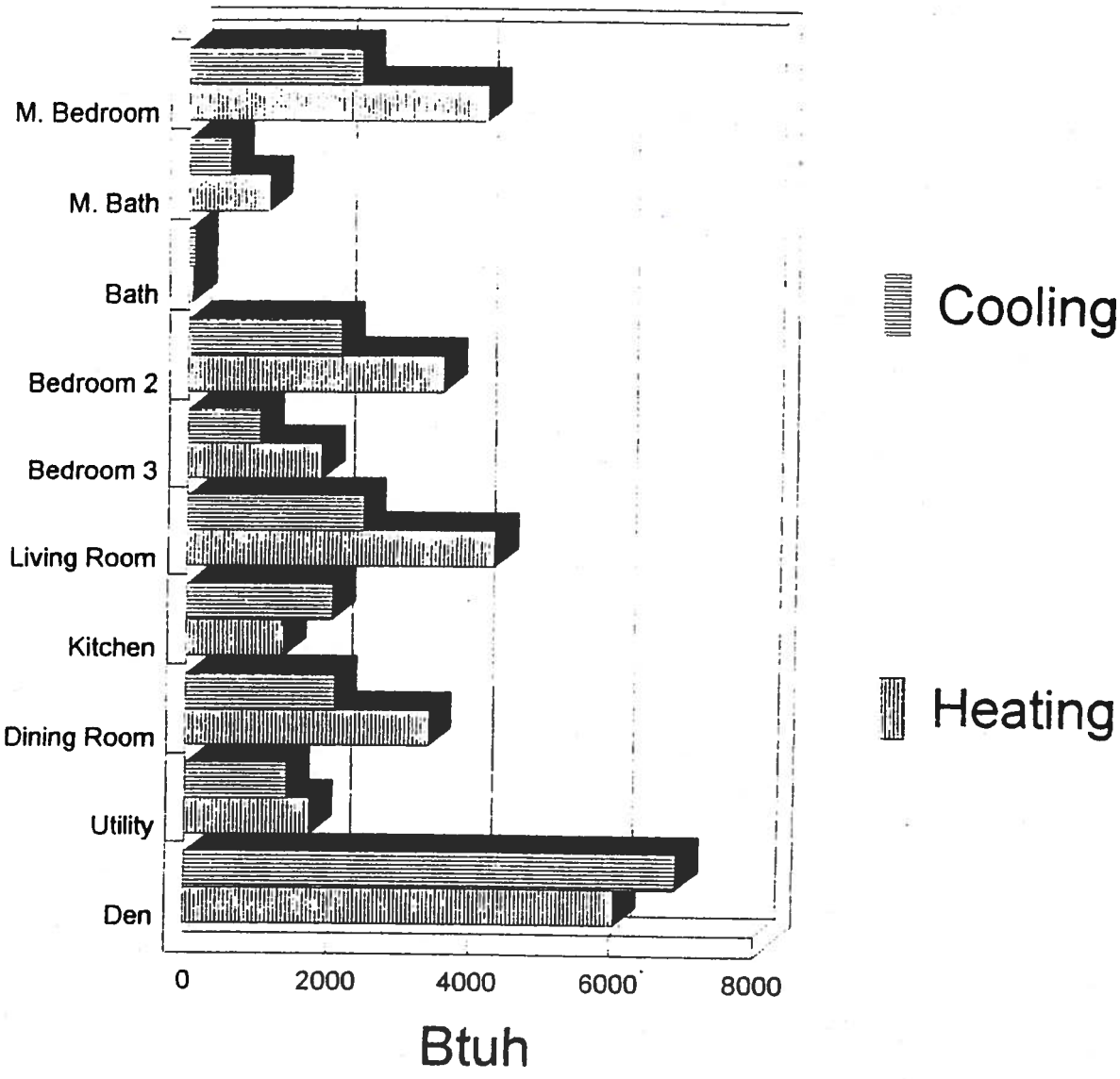
Detailed Room Loads

10. Den

Room Length:	12.0	Feet	System Number:	1	
Room Width:	19.0	Feet	Zone Number:	1	
Area:	228.0	Square Feet	Supply Air:	175	CFM
Ceiling Height:	8.0	Feet	Required Vent. Air:	0	CFM
Volume:	1,824.0	Cubic Feet	Actual Winter Ventilation Air:	0	CFM
Number of Registers:	1		% of Supply:	0	%
Runout Air:	175	CFM	Actual Summer Ventilation Air:	0	CFM
Runout Duct Size:	8	Inches	% of Supply:	0	%
Runout Air Velocity:	502	Feet/Minute	Actual Winter Infiltration Air:	40	CFM allocated
Design Loss:	0.100	In.wg/100 Ft.	Actual Summer Infiltration Air:	18	CFM allocated
Actual Loss:	0.110	In.wg/100 Ft.			

Item Description	Area Quantity	-U- Value	Htg HTM	Sen. Loss	Clg HTM	Latent Gain	Sen. Gain
E -WALL-12D 19 X 8	116	0.080	3.4	399	2.0	0	228
S -WALL-12D 12 X 8	66	0.080	3.4	227	2.0	0	130
E -DOOR-10D 3 X 7	21	0.460	19.8	415	11.3	0	238
E -GLAS-3C 2-P O-4 S-1 65%S	15	0.725	31.2	468	40.1	0	601
S -GLAS-3C 2-P O-4 S-1 100%S	30	0.725	31.2	935	23.4	0	702
UP-CEIL-16G DARK 12 X 19	228	0.033	1.4	324	1.5	0	339
FLOOR-22A 31 FT	31	0.810	34.8	1,080	0.0	0	0
Subtotals for structure:	507			3848		0	2238
Infiltration: Winter: 40.5, Summer: 18.0:	66		29.015	1,915	6.303	627	416
Ventilation: Winter: 0.0, Summer: 0.0:				0		0	0
Ductwork:			0.050	288	0.100	0	445
Active People: 230 lat/per, 300 sen/per:	6					1,380	1,800
Inactive People: 150 lat/per, 250 sen/per:	0					0	0
Appliances:						0	0
Lighting:							0
Sensible Gain Total:							4899
Temperature Swing Multiplier:							X1.00
Room Totals:				6,051		2,007	4,899

Cooling and Heating Loads Bar Graphs



New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

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

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

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

26101

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB102478 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Dian Taylor Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 147 N.W. Timarron Way Lake City

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

Section 4: Treatment Information

Date(s) of Treatment(s) 11-6-07
Brand Name of Product(s) Used Bora-Care
EPA Registration No. 64405-1
Approximate Final Mix Solution % .23
Approximate Size of Treatment Area: Sq. ft. 1340 Linear ft. Linear ft. of Masonry Voids
Approximate Total Gallons of Solution Applied 2
Was treatment completed on exterior? ☒ Yes ☐ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List)
Comments Treated all Walls

Name of Applicator(s) Steve Brannan Certification No. (if required by State law)

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

Authorized Signature Date 11-6-07

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

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 14-3S-16-02117-215 **Building permit No.** 000026101

Use Classification SFD/UTILITY **Fire:** 38.52

Permit Holder DION TAYLOR **Waste:** 100.50

Owner of Building DARYL THOMPSON **Total:** 139.02

Location: 147 NW CIMARRON WAY, LAKE CITY, FL

Date: 04/04/2008

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

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

Small Additions, Renovations & Building Systems

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

PROJECT NAME: Dacyl Thompson **AND ADDRESS:** 171 NW Cimarron Lake City Fla 32055	**BUILDER:**		
	PERMITTING OFFICE: Columbia	**CLIMATE ZONE:** 1 ☐ 2 ☐ 3 ☑	
OWNER:	**PERMIT NO.:** 26107	**JURISDICTION NO.:** 220009	

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

	Please Print	CK
1. **Renovation, Addition, New System or Manufactured Home**	1. NS	
2. **Single family detached or Multifamily attached**	2. SF	
3. **If Multifamily—No. of units covered by this submission**	3.	
4. **Conditioned floor area** (sq. ft.)	4. 1320	
5. **Predominant eave overhang** (ft.)	5. 2 Ft	
6. **Glass area and type:**	Single Pane / Double Pane	
a. Clear glass	6a. ____ sq. ft. / ____ sq. ft.	
b. Tint, film or solar screen	6b. ____ sq. ft. / 165 sq. ft.	
7. **Percentage of glass to floor area**	7. 12 %	
8. **Floor type and insulation:**		
a. Slab-on-grade (R-value)	8a. R= N/A / 1320 lin. ft.	
b. Wood, raised (R-value)	8b. R= ____ / ____ sq. ft.	
c. Wood, common (R-value)	8c. R= ____ / ____ sq. ft.	
d. Concrete, raised (R-value)	8d. R= ____ / ____ sq. ft.	
e. Concrete, common (R-value)	8e. R= ____ / ____ sq. ft.	
9. **Wall type and insulation:**		
a. Exterior:		
1. Masonry (Insulation R-value)	9a-1 R= ____ / ____ sq. ft.	
2. Wood frame (Insulation R-value)	9a-2 R= 13 / 1344 sq. ft.	
b. Adjacent:		
1. Masonry (Insulation R-value)	9b-1 R= ____ / ____ sq. ft.	
2. Wood frame (Insulation R-value)	9b-2 R= ____ / ____ sq. ft.	
c. Marriage Walls of Multiple Units* (Yes/No)	9c ____ / ____	
10. **Ceiling type and insulation:**		
a. Under attic (Insulation R-value)	10a. R= 30 / 1320 sq. ft.	
b. Single assembly (Insulation R-value)	10b. R= ____ / ____ sq. ft.	
11. **Cooling system*** (Types: central, room unit, package terminal A.C., gas, existing, none)	11. Type: central SEER/EER: 13	
12. **Heating system*:** (Types: heat pump, elec. strip, natural gas, L.P. gas, gas h.p., room or PTAC, existing, none)	12. Type: Heat Pump HSPF/COP/AFUE: 6.8	
13. **Air Distribution System*:**		
a. Backflow damper or single package systems* (Yes/No)	13a. ____	
b. Ducts on marriage walls adequately sealed* (Yes/No)	13b. ____	
14. **Hot water system:** (Types: elec., natural gas, other, existing, none)	14. Type: Electric EF: 0.88	

* Pertains to manufactured homes with site installed components.

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

PREPARED BY: Dion Taylor **DATE:** 6-17-07

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

OWNER AGENT: Dion Taylor **DATE** 6-17-07

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

BUILDING OFFICIAL: ____

DATE: ____

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

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

	EQUIPMENT	MINIMUM EFFICIENCY	INSTALLED EFFICIENCY
COOLING	Central A/C - Split	SEER = 10.0	SEER = 13
	-Single Pkg.	SEER = 9.7	SEER =
	Room unit or PTAC	EER = 8.5*	EER =
SPACE HEATING	Electric Resistance	ANY	
	Heat pump - Split	HSPF = 6.8	HSPF = 6.8
	- Single Pkg.	HSPF = 6.6	HSPF =
	Room unit or PTHP	COP = 2.7*	HSPF/ COP =
	Gas, natural or propane	AFUE = .78	AFUE =
	Fuel Oil	AFUE = .78	AFUE =
HOT WATER	Electric Resistance	EF = .88	EF = .88
	Gas; Natural or L.P.	EF = .54	EF =
	Fuel Oil	EF = .54	EF =

* See Table 6-3, 6-7

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

Maximum percentage glass to floor area allowed is selected by type, overhang length, and solar heat gain coefficient. Maximum% = Installed % = 40

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

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

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

TABLE 6C-3 MINIMUM REQUIREMENTS FOR ALL PACKAGES

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

GENERAL DIRECTIONS:

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

tice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

#26101

: 9-3-07

17 NW Cimaoson Way Lake City

(Address of Treatment or Lot/Block of Treatment) City

Florida Pest Control & Chemical Co.

www.flapest.com

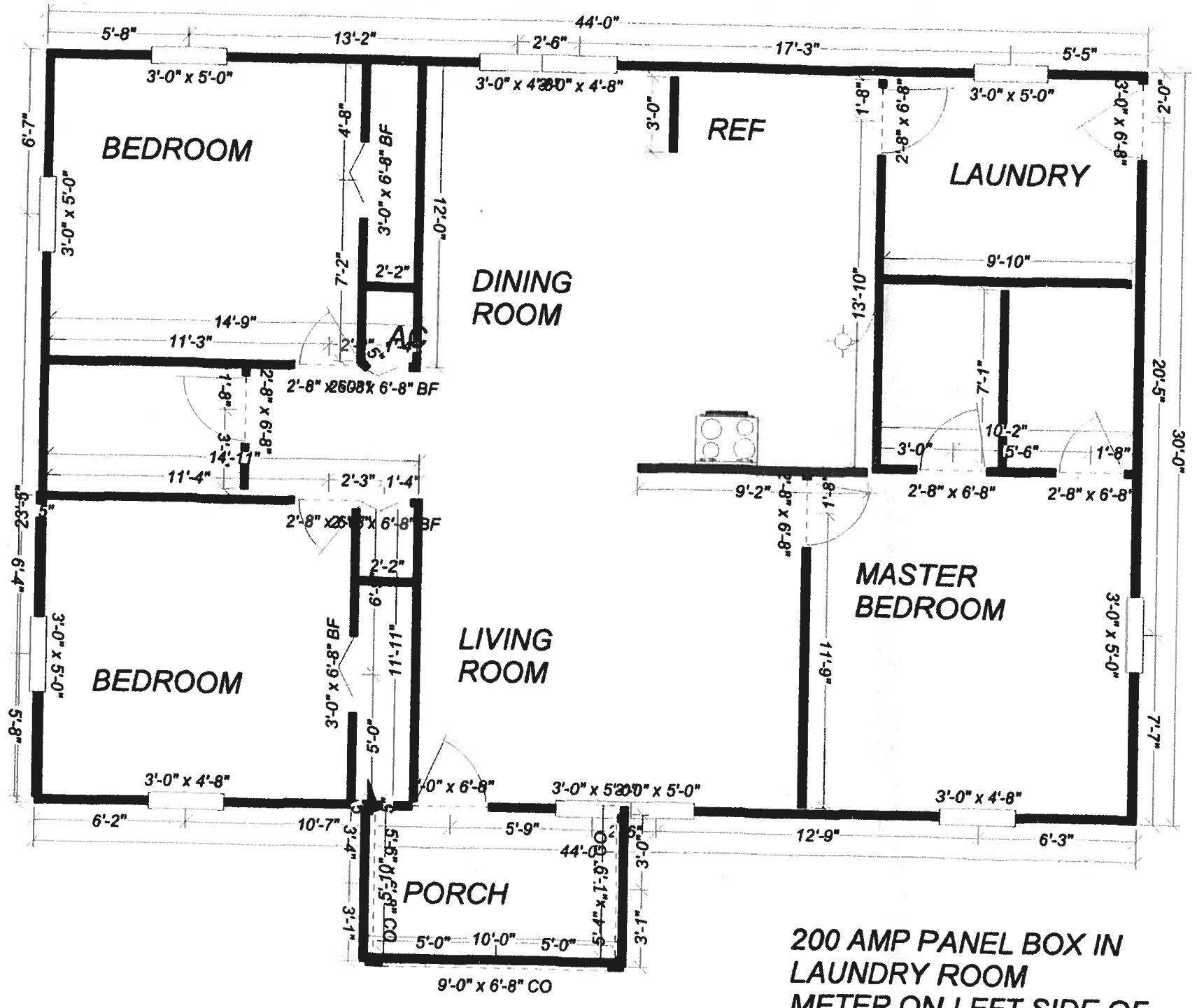
duct to be used: Bora-Care Termiticide (Wood Treatment)

emical to be used: 23% Disodium Octaborate Tetrahydrate

lication will be performed onto structural wood at dried-in stage of construction.
a-Care Termiticide application shall be applied according to EPA registered label
ctions as stated in the Florida Building Code Section 1816.1

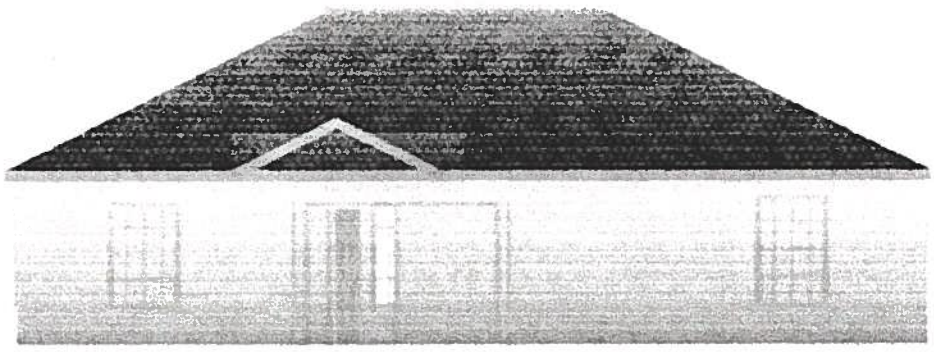
ormation to be provided to local building code offices prior to concrete
ndation installation.)

6/05 ©

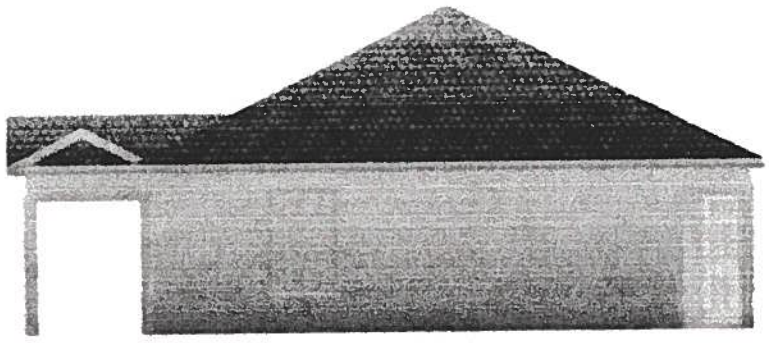


200 AMP PANEL BOX IN LAUNDRY ROOM
METER ON LEFT SIDE OF HOUSE UNDERGROUND SERVICE

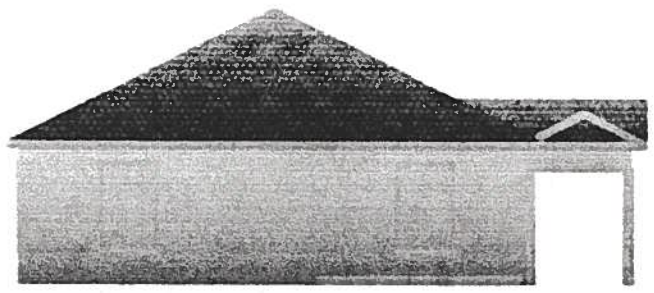
DION TAYLOR
386-288-5087



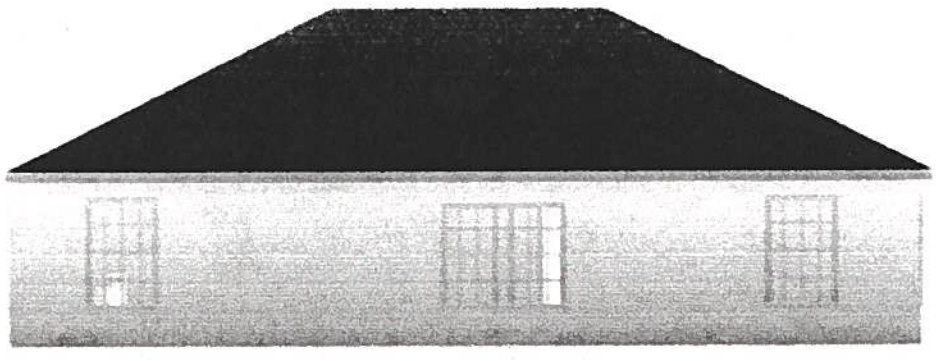
FRONT ELEVATION
5/12 HIP PITCH ROOF
8' WALL WITH OVERHANG 2'
TRUSS HEIGHT 85"



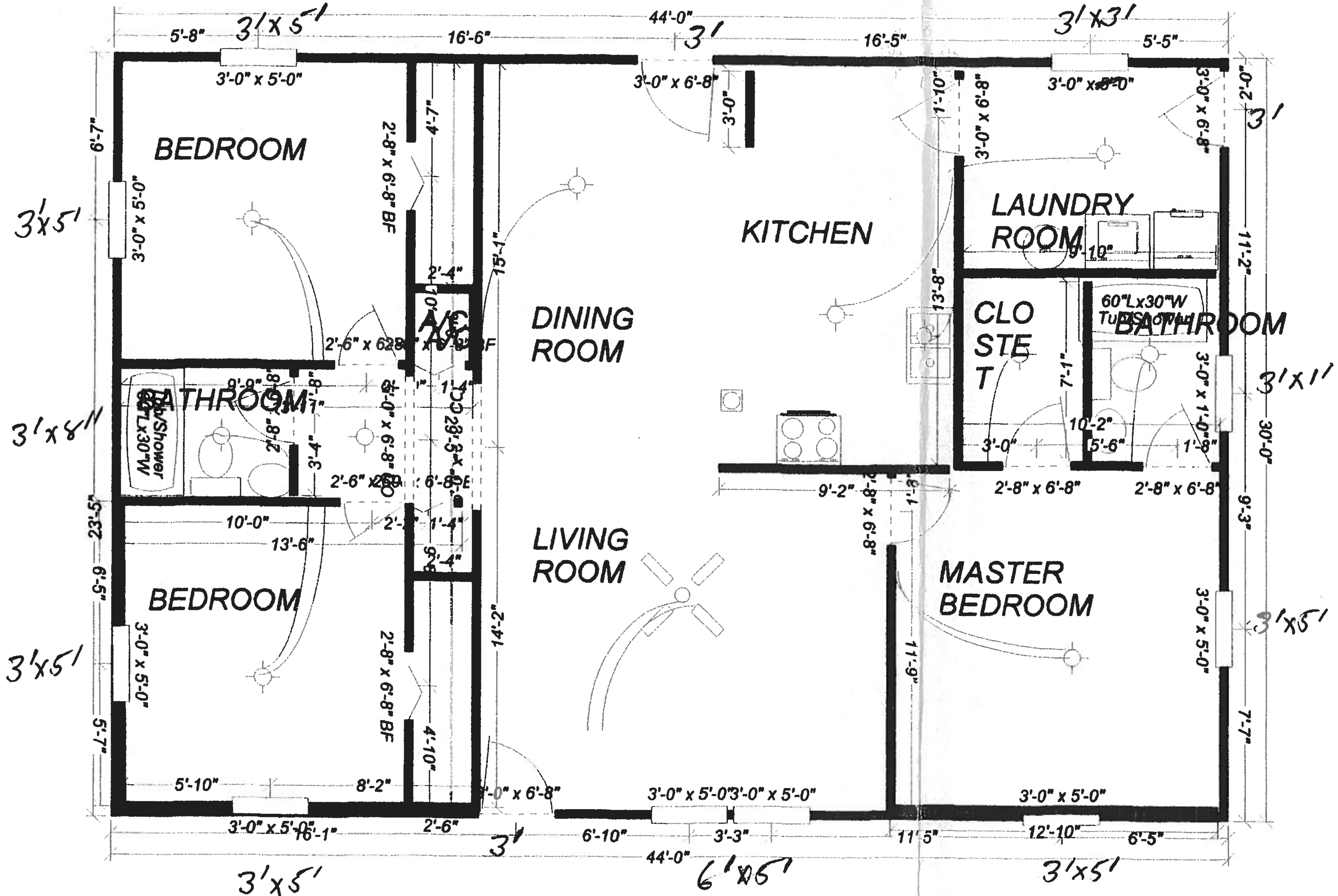
RIGHT SIDE ELEVATION
5/12 HIP PITCH ROOF
8' WALL WITH OVERHANG OF 2'
TRUSS HEIGHT 85"



LEFT SIDE ELEVATION
5/12 HIP PITCH ROOF
8' WALL WITH 2' OVERHANG
TRUSS HEIGHT 85"



REAR ELEVATION
5/12 HIP PITCH ROOF
8' WALL WITH OVERHANG OF 2'
TRUSS HEIGHT 85"



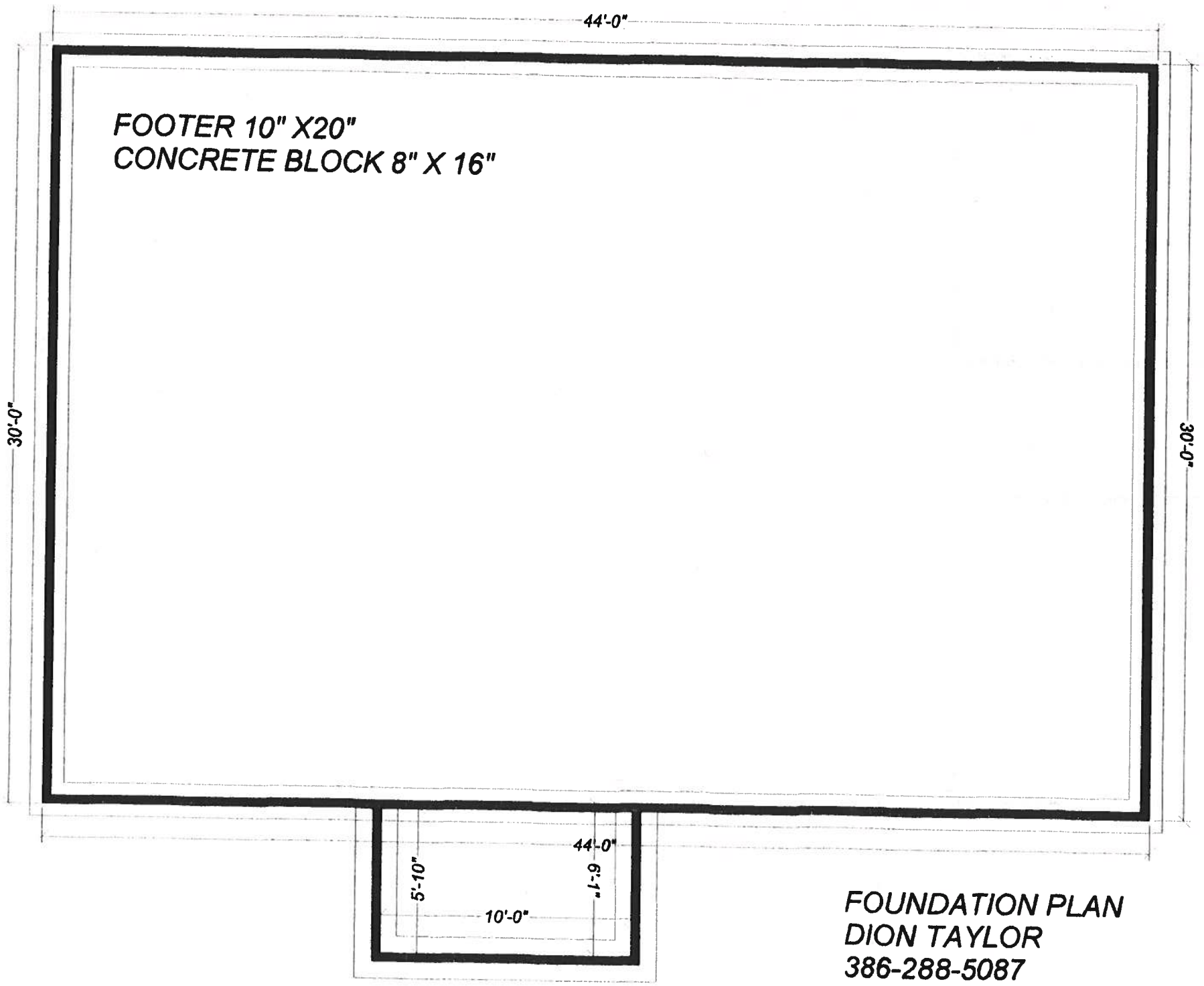
147 NW Cimarron
Lake City, Fla 32055

1320 SF

200 AMP 30 SPACE PANEL BOX
INSIDE A/C 6-2 WIRE
OUTSIDE A/C 10-2 WIRE
GFCI ON EACH SIDE OF HOUSE

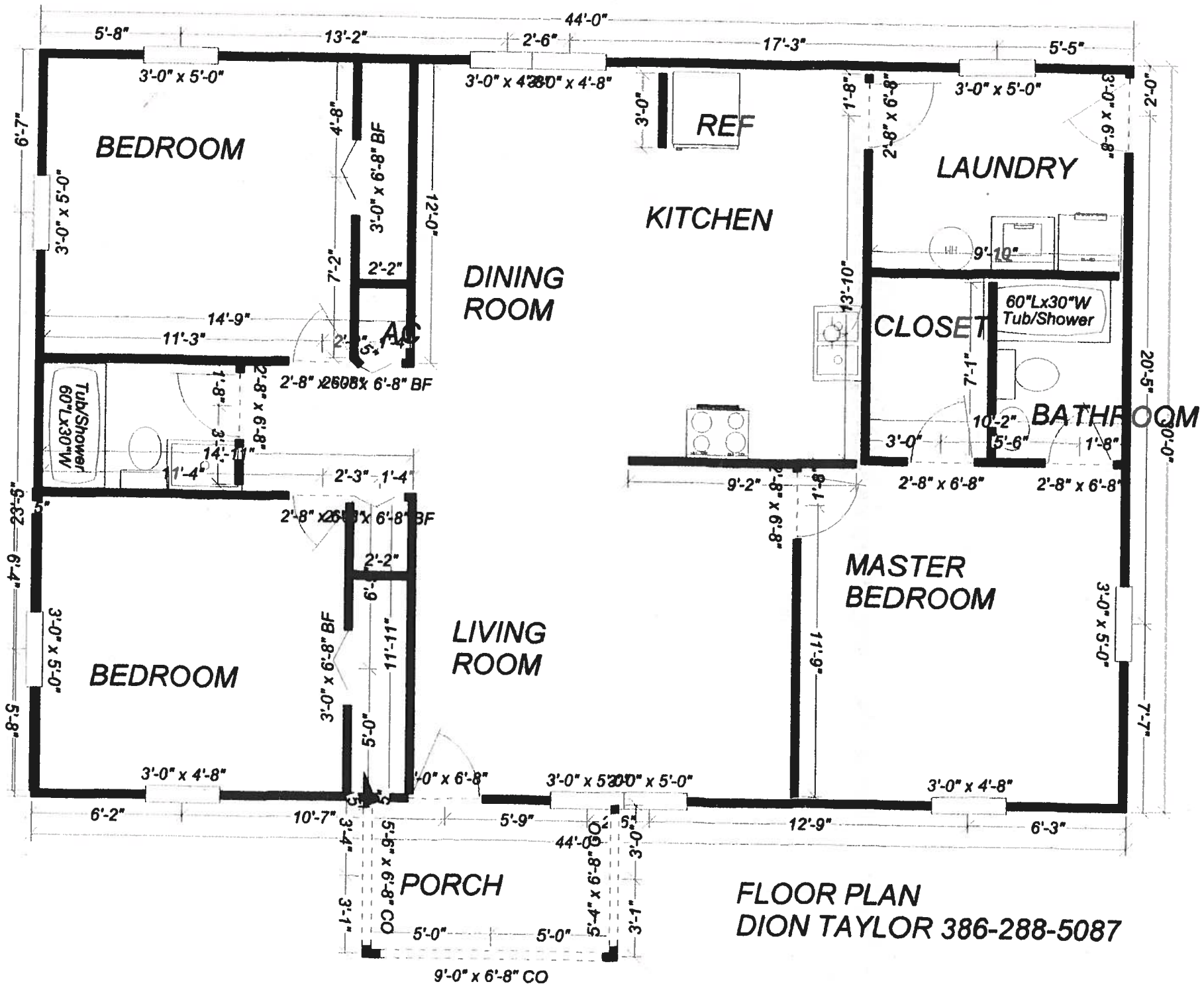
DION TAYLOR
386-288-5087

Application # 0706-34



FOUNDATION PLAN
DION TAYLOR
386-288-5087

LIVING 1320'
COVER PORCH 60'
TOTAL 1380'



LIVING 1320
COVER PORCH 60
TOTAL 1380