DATE 03/10/2010

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000028408

APPLICANT NORA TERRY PHONE 755-2735

ADDRESS 4853 W SR 238 LAKE BUTLE FL 32054

OWNER ANTHONY & KIM DUFFINEY PHONE 365-6079

ADDRESS 541 SW DANTE TERR LAKE CITY FL 32024

CONTRACTOR JASON ELIXSON PHONE 755-2735

LOCATION OF PROPERTY 47S, TR CR 242, TL DANTE TERR., 2ND TO LAST ON LEFT

TYPE DEVELOPMENT RE-ROOF/ADD. SFD ESTIMATED COST OF CONSTRUCTION 12250.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT ____ STORIES ____

FOUNDATION _____ WALLS _____ ROOF PITCH _____ FLOOR _____

LAND USE & ZONING A-3 MAX. HEIGHT _____

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

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 27-4S-16-03199-314 SUBDIVISION SPRINGFIELD ESTATES

LOT 14 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 0.55

		CBC1250331	Nora L. Terry	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING		BK	RJ	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE

Check # or Cash 2986

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

Insulation _____ 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

Pool _____ date/app. by

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

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

Reconnection _____ date/app. by

RV _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 65.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

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

FLOOD DEVELOPMENT FEE $ _____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ _____ **TOTAL FEE** 140.00

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

Columbia County Building Permit Application

For Office Use Only Application # 1003-16 Date Received 3/10/10 By GT Permit # 28408

Zoning Official BLK Date 10.03.10 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner [signature] Date 3/10/10

Comments

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

□ Dev Permit # □ In Floodway □ Letter of Auth. from Contractor □ F W Comp. letter

IMPACT FEES: EMS Fire Corr Road/Code

School = TOTAL N/A addition to existing dwelling

Septic Permit No. N/A Fax (386) 755-2735

Name Authorized Person Signing Permit Nora L. Terry Phone (386) 755-2735

Address 4853 West S.R. 238, Lake Butler, FL 32054

Owners Name Anthony & Kim Duffiney Phone (386) 365-6079

911 Address 541 SW Dante Terr., Lake City, FL 32024

Contractors Name Jason Elixson Construction, LLC Phone (386) 755-2735

Address 4853 West S.R. 238, Lake Butler, FL 32054

Fee Simple Owner Name & Address Anthony & Kim Duffiney, 541 SW Dante Terr, Lake City, FL 32024

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Schafer Engineering, 14705 Main St, Alachua, FL 32615

Mortgage Lenders Name & Address N/A

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

Property ID Number 27-4S-16-03199-314 HX Estimated Cost of Construction $12,250.00

Subdivision Name Springfield Estates, Phase 2 Lot 14 Block Unit Phase

Driving Directions SR 47 South under I-75 to CR 242 - Turn (R) - go approx 3 miles to SW Dante Terr - Turn (L) to 541 on the (L)

Number of Existing Dwellings on Property 1

Construction of Roof over & Patio Cover addition Total Acreage .55AC Lot Size .55AC

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height

Actual Distance of Structure from Property Lines - Front 65'7 Side 41'4 Side 35'8 Rear 82'8

Number of Stories 1 Heated Floor Area 1234 Total Floor Area ~~2275~~ 1688 Roof Pitch 6/12

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. **CODE:** Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full.
This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: ***YOU ARE HEREBY NOTIFIED*** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

Kimberly A Griffin
Anthony G. Griffin

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature ****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Contractor's Signature (Permitee)

Contractor's License Number CBC1250331
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 24th **day of** Feb. **20** 10.

Personally known ✓ **or Produced Identification** _____

Nora L. Terry

State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC-STATE OF FLORIDA
Nora L. Terry
Commission # DD873758
Expires: MAR. 24, 2013
BONDED THRU ATLANTIC BONDING CO., INC.

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ **Project Name:**

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	Millennium	29g metal rib panels	7809.2 R1
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Inst:201012003625 Date:3/10/2010 Time:8:59 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1190 P:1074

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 27-4S-16-03199-314 HX

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT**.

1. Description of property *(legal description)*: Lot 14, Springfield Estates, Phase 2
   a) Street *(job)* Address: 541 SW Dante Terr, Lake City, FL 32024
2. General description of improvements: Roof over
3. Owner Information
   a) Name and address: Anthony & Kimberly Duffiney, 541 SW Dante Terr, Lake City, FL 32024
   b) Name and address of fee simple titleholder (if other than owner) _____
   c) Interest in property Fee Simple
4. Contractor Information
   a) Name and address: Jason Elixson Construction, 4853 West SE 238, Lake Butler, FL 32054
   b) Telephone No.: (386) 755-2735 Fax No. (Opt.) _____
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond: _____
   c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
   a) Name and address: N/A
   b) Phone No. _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: Anthony or Kimberly Duffiney, 541 SW Dante Terr, Lake City, FL 32024
   b) Telephone No.: (386) 365-6079 Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name and address: _____
   b) Telephone No.: _____ Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**: _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. X _____
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager

Kimberly D & Anthony G Duffiney
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 23rd day of Feb, 20 10, by:
Kimberly D. & Anthony G. Duffiney as owners **(type of authority, e.g. officer, trustee, attorney fact) for** _____ **(name of party on behalf of whom instrument was executed).**

Both Personally Known ✓ OR Produced Identification ____ Type _____

Notary Signature Nora L Terry Notary Stamp or Seal:

NOTARY PUBLIC-STATE OF FLORIDA
Nora L. Terry
Commission # DD873758
Expires: MAR. 24, 2013
BONDED THRU ATLANTIC BONDING CO., INC.

—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

X _____
Signature of Natural Person Signing (in line #10 above.)

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

LETTER OF AUTHORIZATION TO SIGN FOR PERMITS

I, JASON ELIXSON (license holder name), licensed qualifier for JASON ELIXSON CONSTRUCTION, LLC (company name), do certify that the below referenced person(s) listed on this form is/are contracted/hired by me, the license holder, or is/are employed by me directly or through an employee leasing arrangement; or, is an officer of the corporation; or, partner as defined in Florida Statutes Chapter 468, and the said person(s) is/are under my direct supervision and control and is/are authorized to purchase permits, call for inspections and sign on my behalf.

Printed Name of Person Authorized	Signature of Authorized Person
1. Nora L. Terry	1. Nora L. Terry
2.	2.
3.	3.
4.	4.
5.	5.

I, the license holder, realize that I am responsible for all permits purchased, and all work done under my license and fully responsible for compliance with all Florida Statutes, Codes, and Local Ordinances. I understand that the State and County Licensing Boards have the power and authority to discipline a license holder for violations committed by him/her, his/her agents, officers, or employees and that I have full responsibility for compliance with all statutes, codes and ordinances inherent in the privilege granted by issuance of such permits.

If at any time the person(s) you have authorized is/are no longer agents, employee(s), or officer(s), you must notify this department in writing of the changes and submit a new letter of authorization form, which will supersede all previous lists. Failure to do so may allow unauthorized persons to use your name and/or license number to obtain permits.

License Holders Signature (Notarized) | CCC1325779 License Number | 3/9/10 Date

NOTARY INFORMATION:
STATE OF: Florida COUNTY OF: Union

The above license holder, whose name is JASON ELIXSON, personally appeared before me and is known by me or has produced identification (type of I.D.) _____ on this 9th day of March, 2010.

Julie Ann Bielling
NOTARY'S SIGNATURE

(Seal/Stamp)

JULIE ANN BIELLING
MY COMMISSION # DD 900346
EXPIRES: August 10, 2013
Bonded Thru Notary Public Underwriters

Columbia County Property Appraiser

DB Last Updated: 1/28/2010

2009 Tax Year

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 27-4S-16-03199-314 HX

Search Result: 1 of 1

Owner & Property Info

Owner's Name	DUFFINEY ANTHONY G &		
Site Address	DANTE		
Mailing Address	KIMBERLY D DUFFINEY 541 SW DANTE TERR LAKE CITY, FL 32024		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	027416.01	**Tax District**	3
UD Codes	MKTA01	**Market Area**	01
Total Land Area	0.550 ACRES		
Description	LOT 14 SPRINGFIELD ESTATES PHASE 2. ORB 751-1550, 894-2712, QCD 994-2019, WD 1039-809, WD 1134-2758		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$18,225.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$65,855.00
XFOB Value	cnt: (3)	$3,792.00
Total Appraised Value		$87,872.00

Just Value		$87,872.00
Class Value		$0.00
Assessed Value		$87,872.00
Exemptions	(code: HX)	$50,000.00
Total Taxable Value		County: $37,872.00 | City: $37,872.00 Other: $37,872.00 | School: $62,872.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
10/25/2007	1134/2758	WD	I	Q		$143,000.00
2/22/2005	1039/809	WD	I	Q		$100,000.00
8/20/2003	994/2019	QC	I	U	06	$5,000.00
1/6/2000	894/2712	WD	I	Q		$68,900.00
10/11/1991	751/1550	WD	I	Q		$54,800.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1991	Common BRK (19)	1234	1688	$65,855.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	0	$1,512.00	0000756.000	63 x 12 x 0	(000.00)
0166	CONC,PAVMT	0	$600.00	0000300.000	10 x 30 x 0	(000.00)
0296	SHED METAL	2007	$1,680.00	0000140.000	10 x 14 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	0000001.000 LT - (0000000.550AC)	1.00/1.00/1.00/1.00	$18,225.00	$18,225.00

Columbia County Property Appraiser

DB Last Updated: 1/28/2010

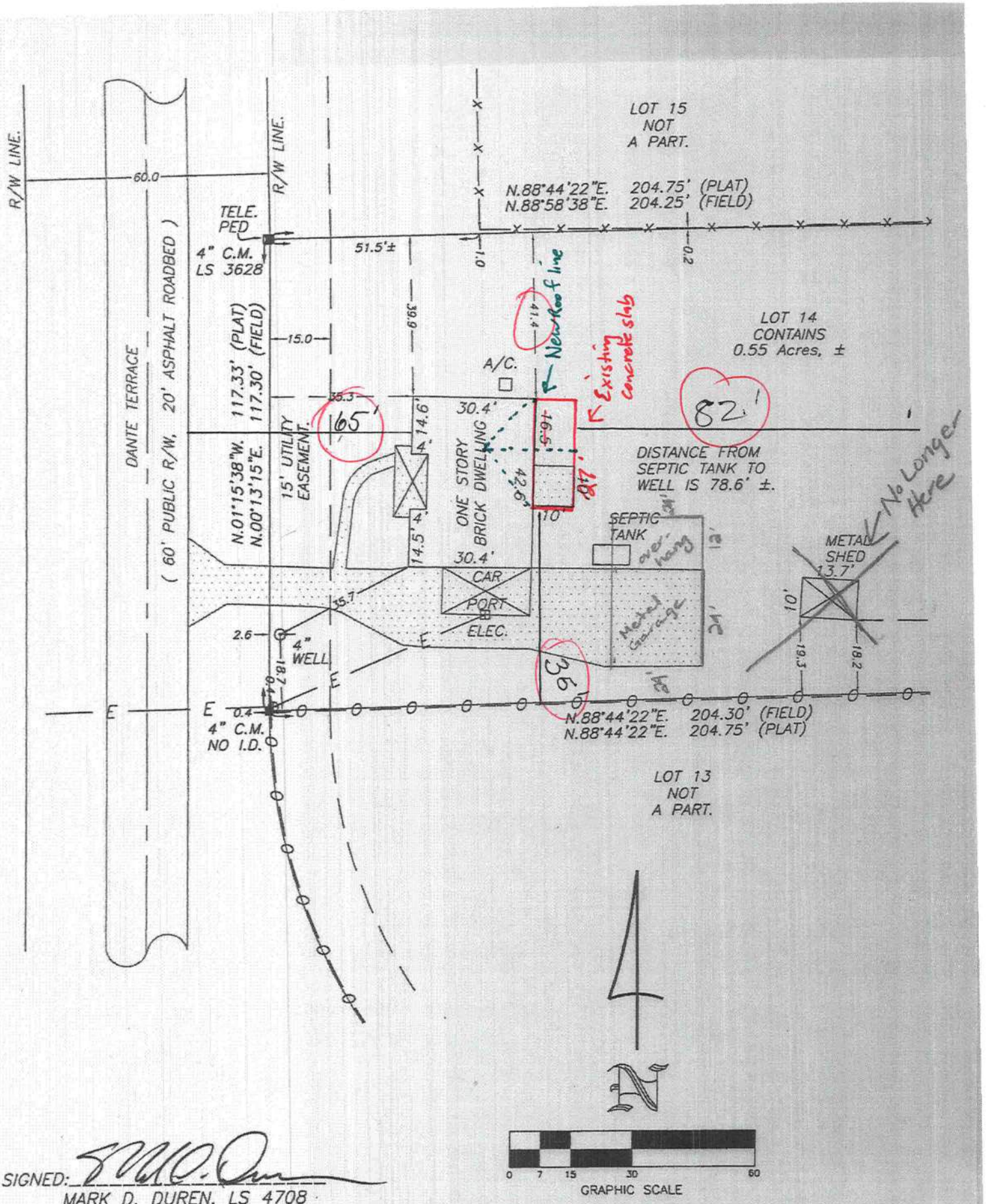
1 of 1

Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

Notice:
Under Florida Law, e-mail addresses are public record. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead contact this office by phone or in writing.

Scroll to Top



SIGNED: _____

MARK D. DUREN, LS 4708

SUBCONTRACTOR VERIFICATION FORM

Permit ~~APPLICATION~~ NUMBER 28408 CONTRACTOR JASON ELIXSON CONSTR. PHONE (386) 755-2735

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

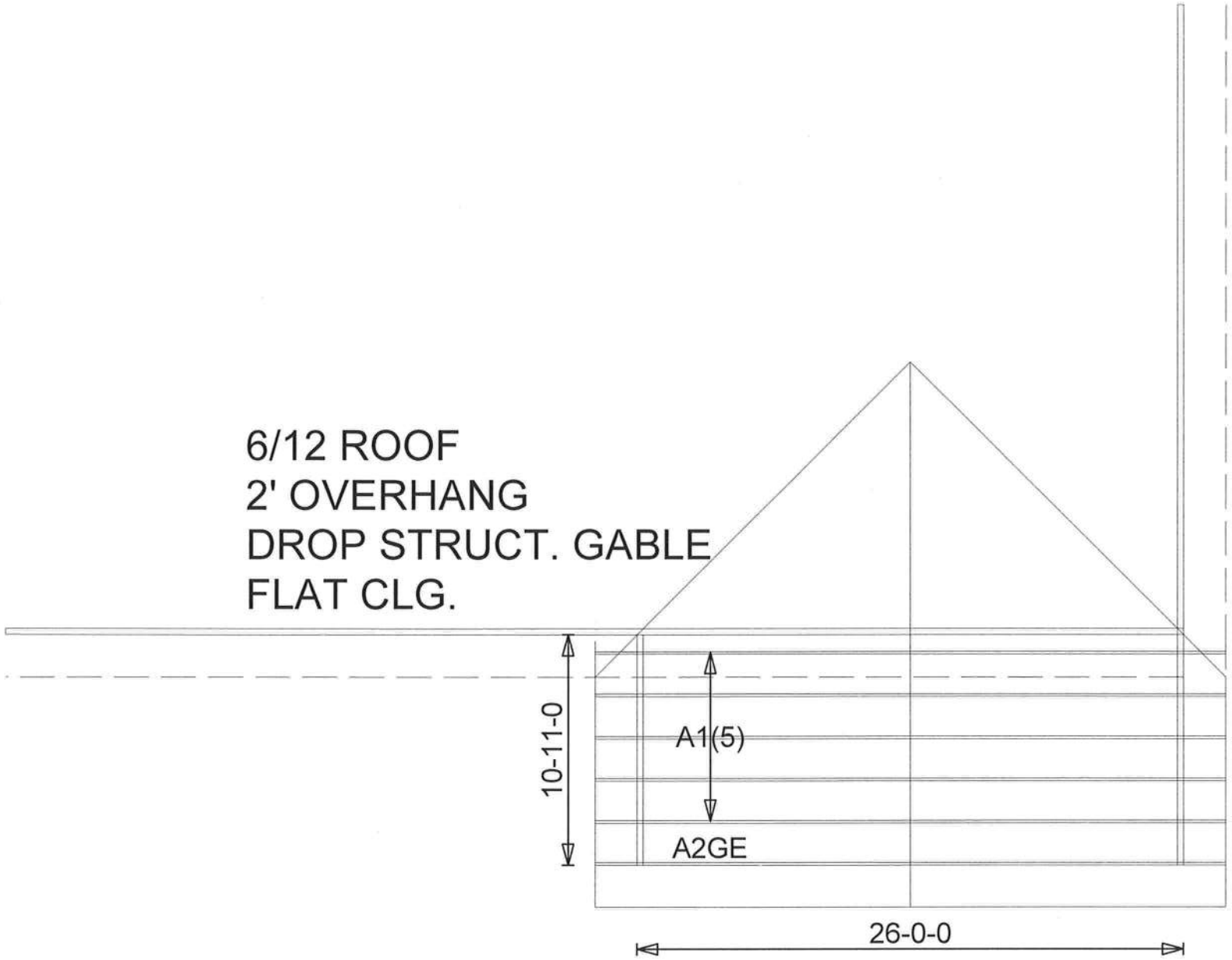
Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name _____ License #:	Signature _____ Phone #:
MECHANICAL/ A/C _____	Print Name _____ License #:	Signature _____ Phone #:
PLUMBING/ GAS	Print Name _____ License #:	Signature _____ Phone #:
ROOFING	Print Name _____ License #:	Signature _____ Phone #:
SHEET METAL	Print Name _____ License #:	Signature _____ Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name _____ License#:	Signature _____ Phone #:
SOLAR	Print Name _____ License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	CBC 1250331	JASON ELIXSON	
CONCRETE FINISHER	CBC 1250331	JASON ELIXSON	
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

6/12 ROOF
2' OVERHANG
DROP STRUCT. GABLE
FLAT CLG.



Mayo Truss Co. Inc.
845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-558-6262

JASON ELIXSON
PORCH

120 MPH ASCE WIND LOAD

Roof Loading
TC Live: 20.00 psf
TC Dead: 10.00 psf
BC Live: 0.00 psf
BC Dead: 10.00 psf
TC Stress Inc: 25.00
BC Stress Inc: 25.00
Spacing: 2- 0- 0 o.c.

Account: CONTRACTORS
Job: ELIX-PORCH
Designer: C. LITTLE
Checker:
Date: 03-03-10

RE: ELIX-PORCH - ROOF DESIGN INFO

Site Information:

Customer Info: JASON ELIXSON CONSTRUCTION Model: PORCH
Lot/Block: . Subdivision: .
Address: .
City: . State: FLORIDA

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2007 Design Program: Robbins OnLine Plus 26.0.009
Wind Code: ASCE 7-05 Wind Speed: 120 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 2 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T3646899	A1	2/25/010
2	T3646900	A2GE	2/25/010

The truss drawing(s) referenced above have been prepared by Robbins Engineering, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2011.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.

JOAQUIN VELEZ LICENSE No 68182 STATE OF FLORIDA PROFESSIONAL ENGINEER

6904 Parke East Boulevard
Tampa, FL 33610-4115
Phone: 813-972-1135 • Fax: 813-971-6117
www.robbinseng.com

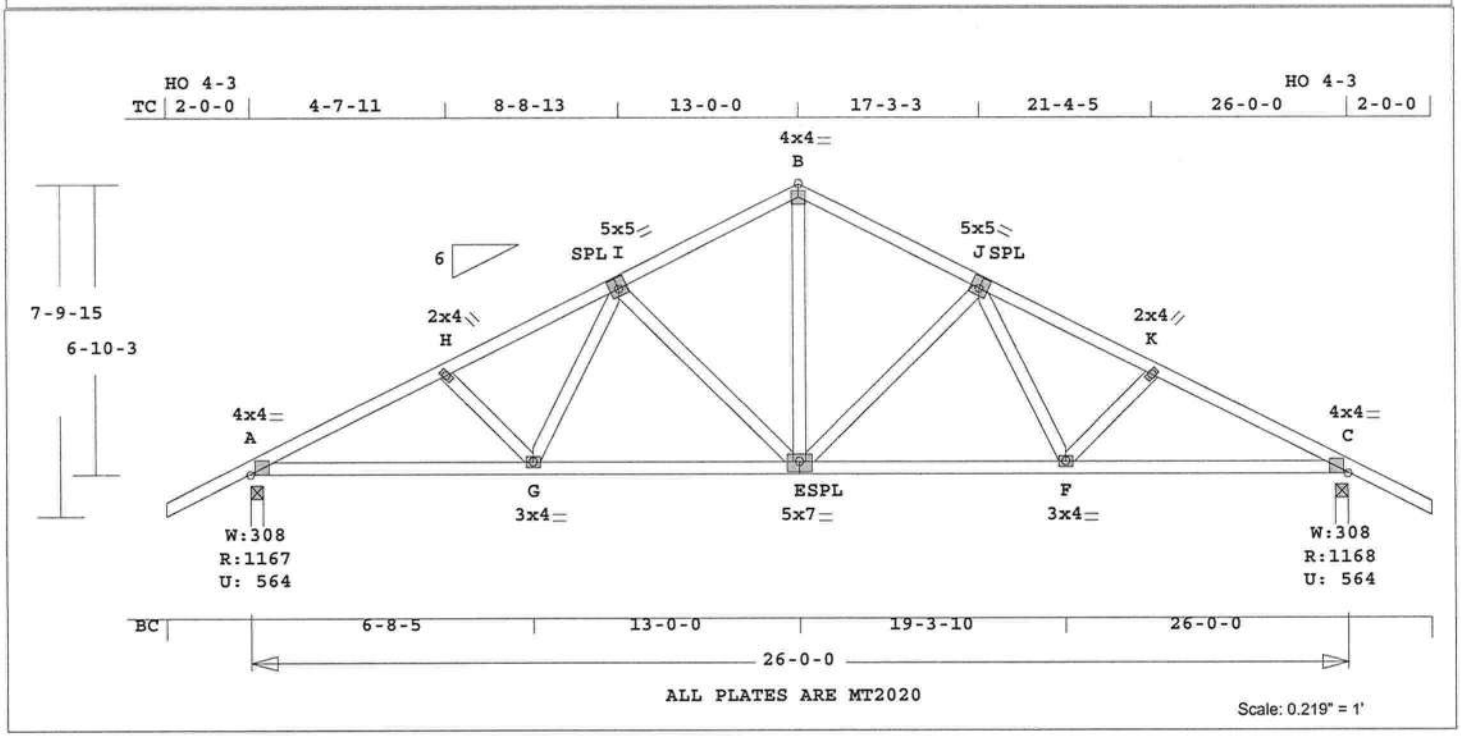
FL Cert. 6634

DALLAS • **TAMPA** • FT. WORTH

February 25,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
ELIX-PORCH	A1	5	TR	260000	6	2- 0- 0	2- 0- 0	T3646899

PORCH



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 175.2 LBS

Online Plus -- Version 26.0.009
RUN DATE: 25-FEB-10

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.81	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	26- 0- 0
BC	Cont.	0- 0- 0	26- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1168	565 U	152 R
C	1168	565 U	152 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -H	0.49	2441 T	0.32 0.17
H -I	0.47	2371 T	0.30 0.17
I -B	0.39	1738 T	0.22 0.17
B -J	0.39	1738 T	0.22 0.17
J -K	0.47	2371 T	0.30 0.17
K -C	0.49	2441 T	0.32 0.17
Bottom Chords			
A -G	0.36	2076 C	0.27 0.09
G -E	0.35	1648 C	0.22 0.13
E -F	0.35	1648 C	0.22 0.13
F -C	0.36	2075 C	0.27 0.09
Webs			
H -G	0.04	302 T	
G -I	0.21	591 C	
I -E	0.25	676 T	
E -B	0.81	1254 C	
E -J	0.25	676 T	
J -F	0.21	591 C	
F -K	0.04	302 T	

TL Defl -0.17" in E -F L/999
LL Defl -0.06" in E -F L/999
Shear // Grain in A -H 0.18

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 4.0	Ctr	0.1	0.76
H	MT20	2.0x 4.0	Ctr	Ctr	0.31
I	MT20	5.0x 5.0	-0.2	0.5	0.50
B	MT20	4.0x 4.0	Ctr	Ctr	0.61
J	MT20	5.0x 5.0	0.2	0.5	0.50
K	MT20	2.0x 4.0	Ctr	Ctr	0.31
C	MT20	4.0x 4.0	Ctr	0.1	0.76
G	MT20	3.0x 4.0	Ctr	Ctr	0.38
E	MT20	5.0x 7.0	Ctr	-0.5	0.44
F	MT20	3.0x 4.0	Ctr	Ctr	0.38

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions

--From--	---To---
0- 0- 0	26- 0- 0

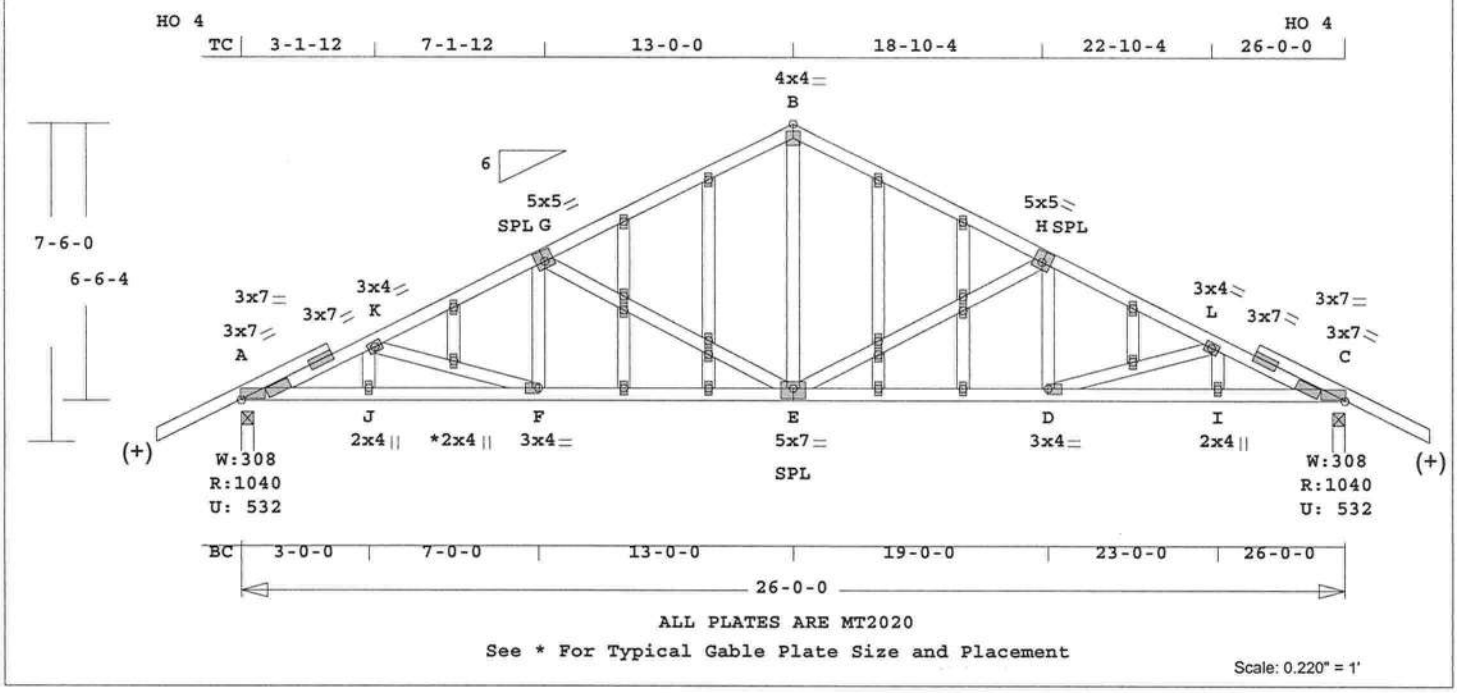
Max comp. force 2076 Lbs
Max tens. force 2441 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

February 25,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
ELIX-PORCH	A2GE	1	TR	260000	6	0	0	T3646900

PORCH



ALL PLATES ARE MT2020

See * For Typical Gable Plate Size and Placement

Scale: 0.220" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 221.8 LBS

Online Plus -- Version 26.0.009
RUN DATE: 25-FEB-10

	CSI	-Size-	----Lumber----
TC	0.63	2x 4	SP-#2 (+)
BC	0.52	2x 4	SP-#2
WB	0.70	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	26- 0- 0
BC	Cont.	0- 0- 0	26- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1040	533 U	145 R
C	1040	533 U	145 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -K	0.56	3002 T	0.39	0.17
K -G	0.63	2536 T	0.32	0.31
G -B	0.53	1799 T	0.22	0.31
B -H	0.53	1799 T	0.22	0.31
H -L	0.63	2536 T	0.32	0.31
L -C	0.56	3002 T	0.39	0.17
Bottom Chords				
A -J	0.52	2725 C	0.34	0.18
J -F	0.49	2725 C	0.34	0.15
F -E	0.39	2144 C	0.28	0.11
E -D	0.39	2133 C	0.28	0.11
D -I	0.49	2735 C	0.34	0.15
I -C	0.52	2735 C	0.34	0.18
Webs				
J -K	0.00	85 C		
K -F	0.10	642 T		
F -G	0.07	478 C		
G -E	0.45	971 T		
E -B	0.70	1211 C		
E -H	0.45	971 T		
D -H	0.07	478 C		
D -L	0.10	642 T		
I -L	0.00	85 C		

TL Defl -0.22" in F -E L/999
LL Defl -0.08" in F -E L/999
Shear // Grain in G -B 0.25

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 7.0	Ctr	Ctr	0.71
K	MT20	3.0x 4.0	Ctr	Ctr	0.47
G	MT20	5.0x 5.0	-0.2	0.5	0.54
B	MT20	4.0x 4.0	Ctr	Ctr	0.63
H	MT20	5.0x 5.0	0.2	0.5	0.54
L	MT20	3.0x 4.0	Ctr	Ctr	0.47
C	MT20	3.0x 7.0	Ctr	Ctr	0.71
J	MT20	2.0x 4.0	Ctr	Ctr	0.34
F	MT20	3.0x 4.0	Ctr	Ctr	0.41
E	MT20	5.0x 7.0	Ctr	-0.5	0.48
D	MT20	3.0x 4.0	Ctr	Ctr	0.41
I	MT20	2.0x 4.0	Ctr	Ctr	0.34

10 Gable studs to be attached with 2.0x4.0 plates each end.
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.

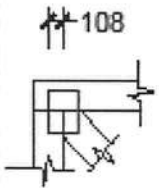
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 26- 0- 0
Max comp. force 2735 Lbs
Max tens. force 3002 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

February 25,2010

ROBBINS ENG. GENERAL NOTES & SYMBOLS

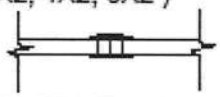
PLATE LOCATION



Center plates on joints unless otherwise noted in plate list or on drawing. Dimensions are given in inches (i.e. 1 1/2" or 1.5") or IN-16ths (i.e. 108)

FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



(W) = Wide Face Plate
(N) = Narrow Face Plate

LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.

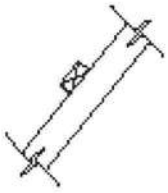
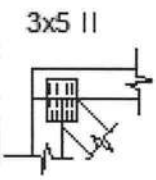


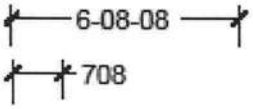
PLATE SIZE AND ORIENTATION

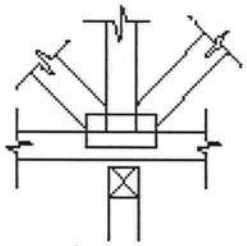


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).





W = Actual Bearing Width (IN-SX)
R = Reaction (lbs.)
U = Uplift (lbs.)

BEARING

When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before erecting this truss. If necessary, shim bearings to assure solid contact with truss.

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted.
The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA)," National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 as published by Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning proper erection bracing to prevent toppling and " dominoing ". Care should be taken to prevent damage during fabrication, storage, shipping and erection. Top and bottom chords shall be adequately braced in the absence of sheathing or rigid ceiling, respectively. It is the responsibility of others to ascertain that design loads utilized on these drawings meet or exceed the actual dead loads imposed by the structure and the live loads imposed by the local building code or historical climatic records.

FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS FABRICATOR.

Robbins Engineering, Inc.

6904 Parke East Blvd.
Tampa, Fl 33610-4115
Tel: 813-972-1135 Fax: 813-971-6117

www.robbinseng.com

CBUCK Engineering

Specialty Structural Engineering

CBUCK, Inc. Florida Certificate of Authorization # 8064

Evaluation Report

of

Millennium Metals, Inc.

"Rib Panel"

Metal Roof Assembly

for

Florida Product Approval

FL 7809.2 R1

Florida Building Code 2007

Per Rule 9B-72

Method:	**1 - D**
Category:	**Roofing**
Sub - Category:	**Metal Roofing**

Product:	***"Rib Panel" Roof Panel***
Material:	***Steel***
Panel Thickness:	***29 Gauge Minimum***
Panel Dimensions:	***36" Net Coverage Width***
Support Type:	***1/2" Plywood Deck***

Prepared for:

Millennium Metals, Inc.

10200 Eastport Road

Jacksonville, FL 32218

Prepared by:

James L. Buckner, P.E.

Florida Professional Engineer # 31242

Florida Evaluation ANE ID: 1916

Project Manager: Diana Galloway

Report No. 08-135-Rib-36-S9W-1/2"-ER

Date: 3 / 19 / 08

James L. Buckner, P.E.
Florida P.E. # 31242
3/26/08

Contents:

CBUCK, Inc.

1334 S. Killian Drive, Suite 4, West Palm Beach, Florida 33403

Phone: (561)491-9927 Fax: (561)491-9928 Website: www.cbuckinc.net

CBUCK Engineering

Specialty Structural Engineering

CBUCK, Inc. Florida Certificate of Authorization # 8064

Manufacturer:	**Millennium Metals, Inc.**
Product Name:	**Rib Panel**
Product Category:	Roofing
Product Sub-Category	Metal Roofing
Compliance Method:	State Product Approval Rule 9B-72.070 (1) (d)
Panel Description:	Rib Panel, Lapped, Steel Roof Panel
Panel Material / Standards:	Material Type: Steel Yield Strength: 40 ksi minimum Corrosion Resistance: Material shall comply with the Florida Building Code (FBC), 2007 Table 1507.4.3.
Panel Dimension(s)	Width: 36" Maximum (Net Coverage Width) Thickness: 29 gauge minimum Rib Height: 3/4"
Support Type:	**Wood Deck** (Design of support system is not included in this evaluation)
Support Description:	• 15/32" or greater plywood, or • Wood plank
Slope Range:	Minimum slope shall be per FBC 2007, Section 1507.4.2, and in compliance with the Manufacturers recommendations **But no less than: 3 : 12.**
Design Uplift Pressure:	**-113.75 PSF** (Safety Factor of 2:1)
Underlayment:	Underlayment shall be per manufacturer's guidelines as required in FBC Section 1507.4.5
Insulation:	**(Optional)** Rigid Insulation Board, 3" maximum thickness and with a density of 2.25 pcf (lbs/ft^3) minimum or a compressive strength of 25 psi minimum.
Fire Classification:	Fire Classification is outside the scope of Rule 9B-72, and is therefore not included in this evaluation. Additional approved substrates may be added for Fire Classification purposes.

CBUCK Engineering

Specialty Structural Engineering

CBUCK, Inc. Florida Certificate of Authorization # 8064

Referenced Data:

1. UL580-94 & UL 1897-98 Uplift Test
   By Hurricane Test Laboratory, LLC (FBC Organization #TST ID: 1527)
   - Report #: 0232-0911-05, Report Date: 9/27/04
     Specimen #1

2. Quality Assurance
   By Keystone Certifications, Inc., (FBC Organization #QUA ID:1824)
   Millennium Metals Licensee # 423

3. Certification of Independence
   By James L. Buckner, P.E. @ C-Buck Engineering
   (FBC Organization # ANE 1916)

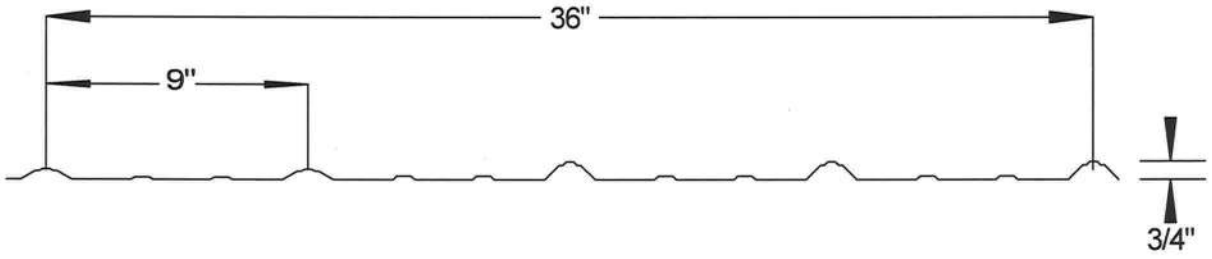
4. Engineering Calculations
   By C-Buck Engineering
   - Report #C08-135, Dated: 3/20/08

CBUCK Engineering

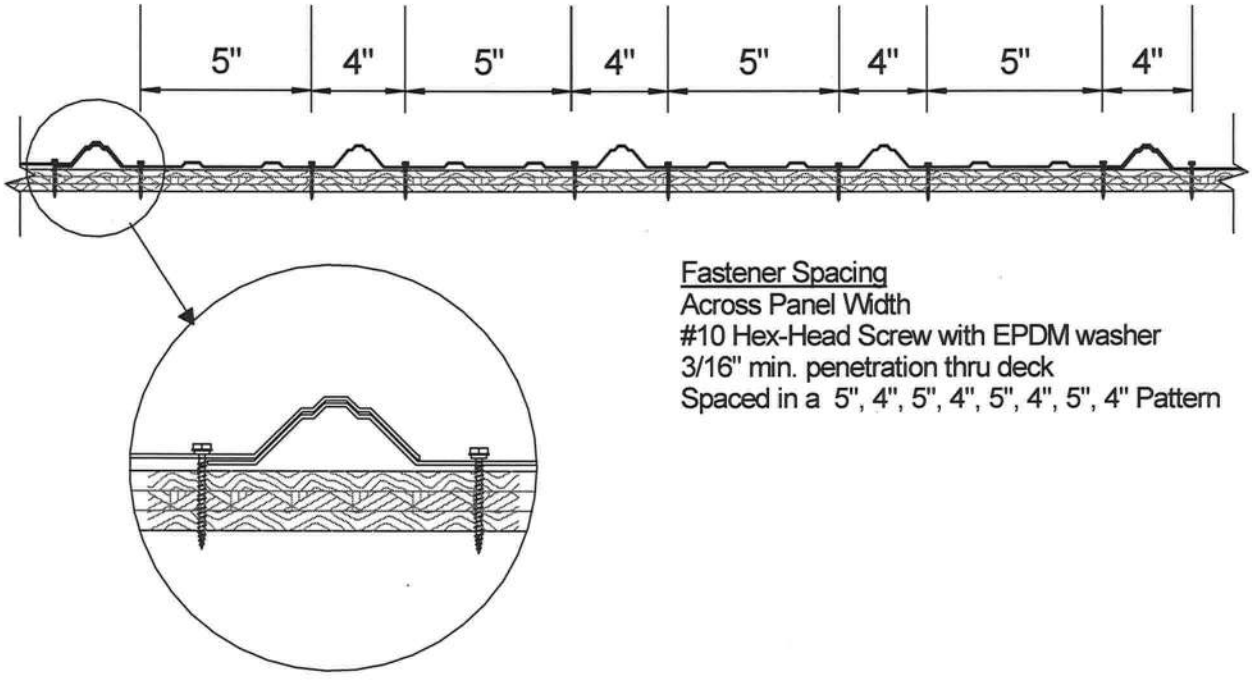
Specialty Structural Engineering

CBUCK, Inc. Florida Certificate of Authorization # 8064

Installation Method
Millennium Metals, Inc.
"Rib Panel" (29 Ga. Steel) Roof Panel
Attached to 1/2" Wood Deck



"Rib Panel" Typical Panel Profile View



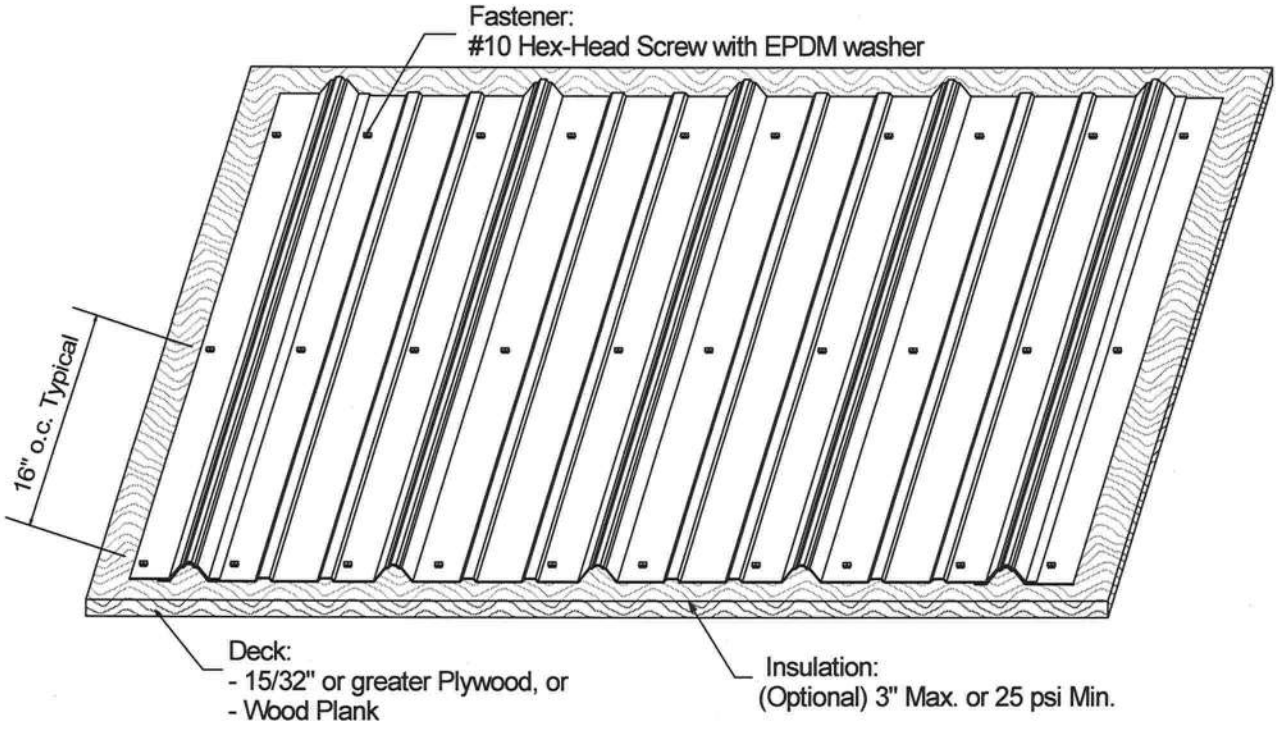
Typical Assembly Profile View

CBUCK Engineering

Specialty Structural Engineering

CBUCK, Inc. Florida Certificate of Authorization # 8064

Installation Method
Millennium Metals, Inc.
"Rib Panel" (29 Ga. Steel) Roof Panel
Attached to 1/2" Wood Deck



Typical Assembly Isometric View

Schafer Engineering, LLC

14705 Main St. Alachua FL 32615

Prepared for:

JASON ELIXSON CONSTRUCTION
THE DUFFINEY PORCH ROOF
COLUMBIA COUNTY, FLORIDA

By:

Schafer Engineering, LLC

386-462-1340 / 352-375-6329

SCHAFER ENGINEERING, LLC

7104 N. W. 42nd Lane Gainesville Florida 32606 \ 386-462-1340

February 11, 2010

SUMMARY: Wind Load Analysis for Jason Elixson Construction \ Duffiney Porch Roof
Wind Speed: 110 M.P.H. \ FBC 2007 \ Wind load for one use only

Foundation:

Install 30" x 30" x 24" deep pad footings under each of the columns with (4) #5 rebar each way, laid in a mat formation.

Columns:

6" x 6" x 8' syp #2 pt @ 96´o.c. maximum spacing. Simpson LCB66 or equal.

Trusses:

Pre-engineered, Pre-fabricated truss system with the bracing system designed by the manufacturer. Trusses must be installed and anchored in accordance with the manufactures recommendations.

Sheathing:

Use 7/16" osb minimum installed on the top chords of the trusses with 8d/113 gauge ring shank nails.
Nails will be installed at 4" o.c. edges and 6" interior.

Headers:

Install (2) ply 2 x 12 syp #2 pt headers with 7/16" osb minimum spacer for porch headers. Simpson CCC66 or equal.

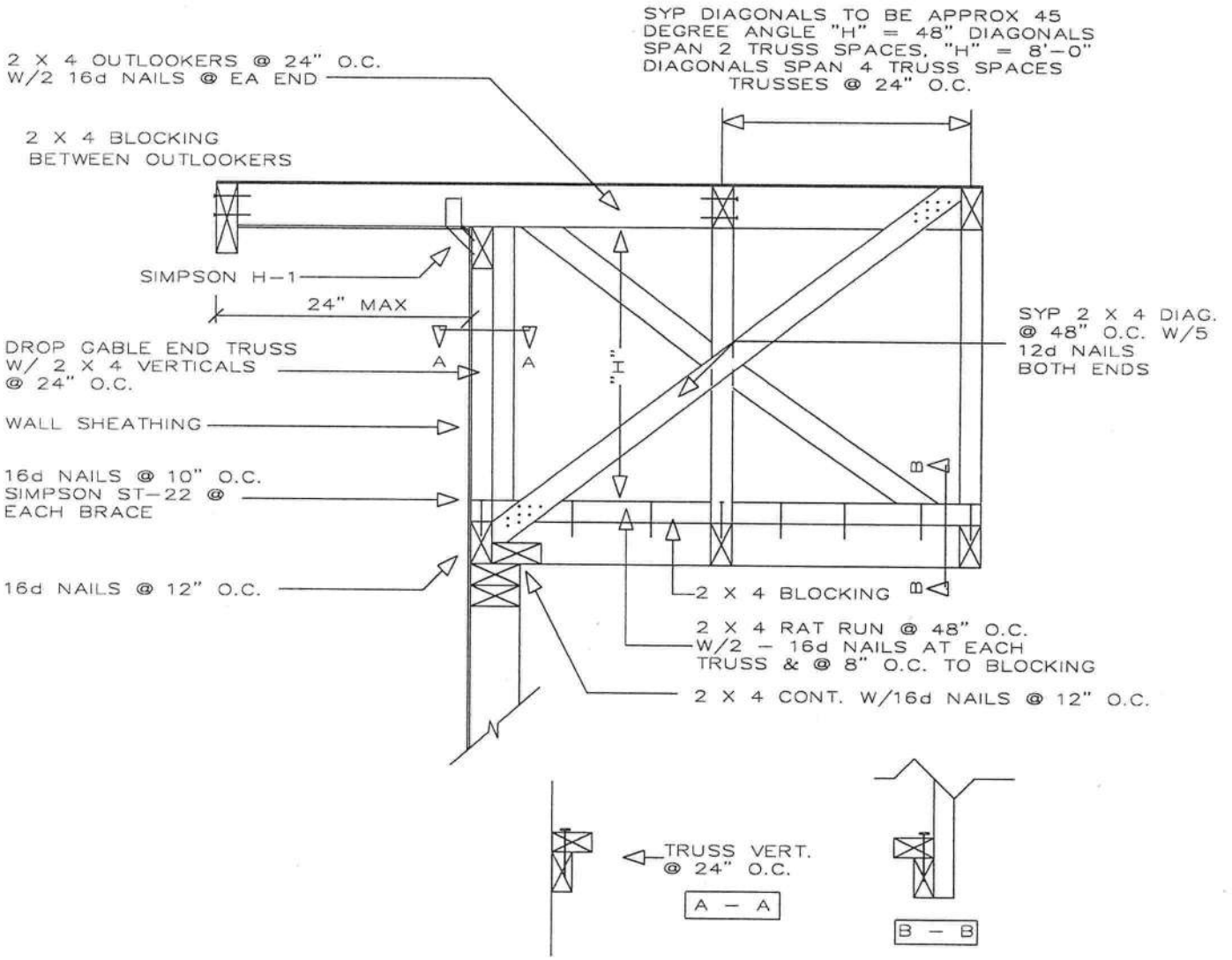
2-11-10

Bruce Schafer, P. E. #48984
7104 N. W. 42nd Lane
Gainesville, Florida 32606

SCHAFER ENGINEERING, LLC

7104 NW 42ND LANE \ GAINESVILLE FL. 32606

PHONE: 386-462-1340 \ 352-375-6329



TYPICAL GABLE END BRACING

2-11-10

DETAIL MAY BE USED WITH INTERIOR CATH. CEILING BY INSTALLING A SYP 2 X 4 LEDGER IN PLANE WITH THE INTERIOR CEILING USING 2 - 16d NAILS ON EACH POINT WHERE THE LEDGER CROSSES THE GABLE END TRUSS VERTICALS

Bruce Schafer, P. E. #48984
7104 NW 42ND LN
GAINESVILLE, FL. 32606

SCHAFER ENGINEERING, LLC

7104 NW 42ND LANE \ GAINESVILLE FL. 32606

PHONE: 386-462-1340 \ 352-375-6329

HEADER STRAPPING				
Uplift Lbs	Top Connector	Rating Lbs	Bottom Connector	Rating Lbs
to 455	LSTA19	635	H3	320
to 910	LSTA12	795	2-H3	640
to 1265	LSTA18	1110	LTT19	1305
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2165
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3130

Total the uplift for each truss sitting on the header and divide by 2 to determine the uplift on the header. Use proper bolt anchors sufficient to support required uplift loads.

TRUSSES \ GIRDERS			
Uplift Lbs	Top Connector	Bottom Connector	Rating Lbs
to 535	H2.5A	NA	
to 1015	H10A	NA	
to 1215	TS22	LTT19	1305
to 1750	2-TS22	LTT20	1750
to 2570	2-TS22	HD2A	2775
to 3665	3-TS22	HD5A	4010
to 5420	2-MST37	HTT22	5250
to 9660	2-MST60	HD10A	9540

Two 12d common toenials are required per truss for each bearing point into top plate.
It is the contractors responsibility to provide a continuous load path from truss to foundation.

	TOP CONNECTOR	RATING LBS	BOTTOM CONNECTOR	RATING LBS
BEAM SEATS	LSTA18	1110	LTT19	1305
POSTS	2-LSTA18	2220	ABU44	2300

1. Simpson or equivlent hardware may be used. For nailing into spruce members, multiply table values by .86
2. See truss engineering for anchor uplift values.
3. This schedule is not meant to be a replacement to the specified values of any manufactures values.

ASCE 7-05

User Input Data		
Structure Type	Building	
Basic Wind Speed (V)	110	mph
Structural Category	II	
Exposure	B	
Struc Nat Frequency (n1)	1	Hz
Slope of Roof (Theta)	26.6	Deg
Type of Roof	Gabled	
Eave Height (Eht)	8.00	ft
Ridge Height (RHt)	15.67	ft
Mean Roof Height (Ht)	12.33	ft
Width Perp. to Wind (B)	26.00	ft
Width Parallel to Wind (L)	10.92	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters		
Type of Structure		
Height/Least Horizontal Dim	1.13	
Flexible Structure	No	

Calculated Parameters		
Importance Factor	1	
Hurricane Prone Region (V>100 mph)		
Table C6-4 Values		
Alpha =	7.000	
zg =	1200.000	
At =	0.143	
Bt =	0.840	
Am =	0.250	
Bm =	0.450	
Cc =	0.300	
l =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	Cc * (33/z)^0.167	0.3048	
Lzm	l*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.9250	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8807	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	V*(5280/3600)	161.33	ft/s
Vzm	bm*(zm/33)^Am*Vhref	70.89	ft/s
NF1	NatFreq*Lzm/Vzm	4.37	Hz
Rn	(7.47*NF1)/(1+10.302*NF1)^1.667	0.0552	
Nh	4.6*NatFreq*Ht/Vzm	0.80	
Nb	4.6*NatFreq*B/Vzm	1.69	
Nd	15.4*NatFreq*Depth/Vzm	2.37	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.6265	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.4231	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.3335	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	1.0021	
gg	+(2*LN(3600*n1))^0.5+0.577/(2*LN(3600*n1))^0.5	4.19	
Gust3	0.925*((1+1.7*Izm*(3.4^2*Q^2+GG^2*RR^2)^0.5)/(1+1.7*3.4*Izm))	1.25	

Gust Factor Summary			
Main Wind-force resisting system:		**Components and Cladding:**	
Gust Factor Category:	I	Gust Factor Category:	I
Gust Factor (G)	0.88	Gust Factor (G)	0.88

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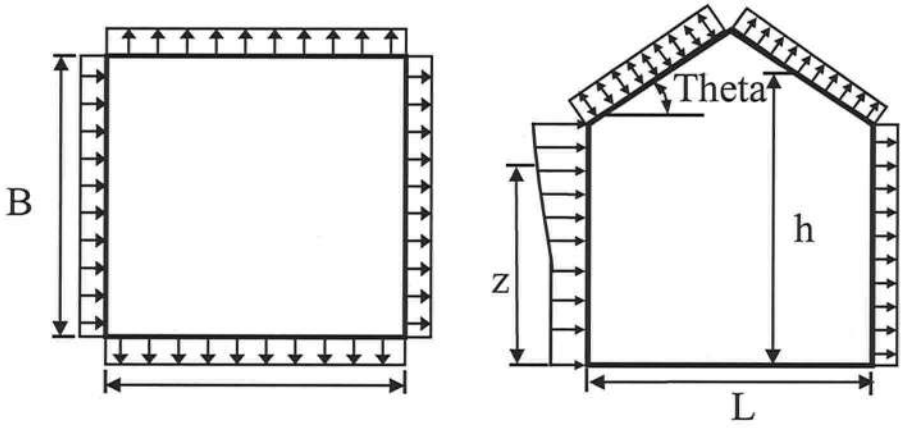
6.5.12.2.1 Design Wind Pressure - Buildings of All Heights (Non-flexible)

Elev.	Kz	Kzt	Kd	qz	Pressure (lb/ft^2)	
					Windward Wall*	
ft			1.00	lb/ft^2	+GCpi	-GCpi
15.67	0.70	1.00	1.00	21.70	15.29	15.29
15	0.70	1.00	1.00	21.70	15.29	15.29

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	2.01*(15/zg)^(2/Alpha)	0.57	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	.00256*(V)^2*ImpFac*Kh*Kht*Kd	17.80	psf

Wall Pressure Coefficients, Cp	
Surface	Cp
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.80

Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)	-
Reduction Factor	1.00

Description	Cp	Pressure (psf)	
		+GCpi	-GCpi
Leeward Walls (Wind Dir Parallel to 26 ft wall)	-0.50	-7.84	-7.84
Leeward Walls (Wind Dir Parallel to 10.92 ft wall)	-0.28	-4.41	-4.41
Side Walls	-0.70	-10.98	-10.98
Roof - Normal to Ridge (Theta>=10)			
Windward - Max Negative	-0.44	-6.84	-6.84
Windward - Max Positive	0.06	1.00	1.00
Leeward Normal to Ridge	-0.60	-9.41	-9.41
Overhang Top	-0.44	-6.84	-6.84
Overhang Bottom	0.80	0.70	0.70
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 6.165 ft	-1.30	-20.38	-20.38
Dist from Windward Edge: 6.165 ft to 12.33 ft	-0.70	-10.98	-10.98
Dist from Windward Edge: 12.33 ft to 24.66 ft	-0.70	-10.98	-10.98

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Dist from Windward Edge: > 24.66 ft	-0.70	-10.98	-10.98

* Horizontal distance from windward edge

Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(15/zg)^(2/Alpha)	=	0.57
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	17.80

Case A						
Surface	**GCpf**	**+GCpi**	**-GCpi**	**qh (psf)**	**Min P (psf)**	**Max P (psf)**
1	0.55	0	0	21.70	11.93	11.93
2	-0.10	0	0	21.70	-2.08	-2.08
3	-0.45	0	0	21.70	-9.70	-9.70
4	-0.39	0	0	21.70	-8.47	-8.47
5	0.00	0	0	21.70	0.00	0.00
6	0.00	0	0	21.70	0.00	0.00
1E	0.73	0	0	21.70	15.79	15.79
2E	-0.19	0	0	21.70	-4.03	-4.03
3E	-0.58	0	0	21.70	-12.68	-12.68
4E	-0.53	0	0	21.70	-11.60	-11.60
5E	0.00	0	0	21.70	0.00	0.00
6E	0.00	0	0	21.70	0.00	0.00

* p = qh * (GCpf - GCpi)

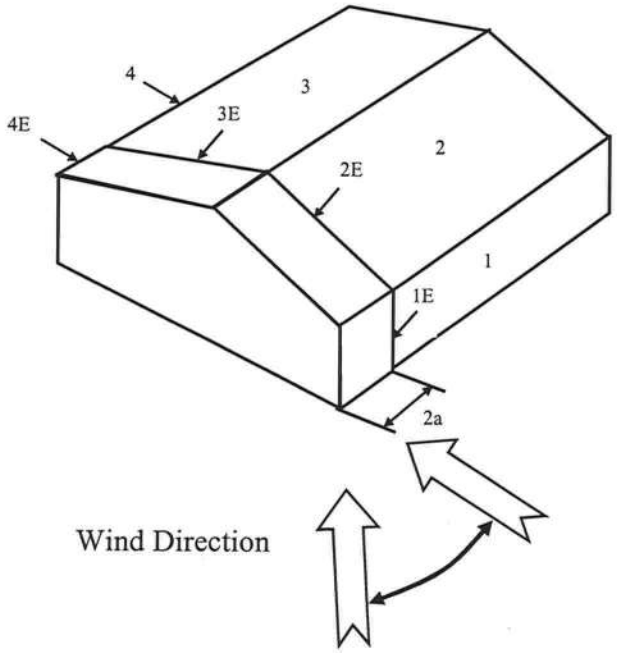

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Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(15/zg)^(2/Alpha)	=	0.57
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	17.80

Case B						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	-0.45	0	0	21.70	-9.77	-9.77
2	-0.69	0	0	21.70	-14.97	-14.97
3	-0.37	0	0	21.70	-8.03	-8.03
4	-0.45	0	0	21.70	-9.77	-9.77
5	0.40	0	0	21.70	8.68	8.68
6	-0.29	0	0	21.70	-6.29	-6.29
1E	-0.48	0	0	21.70	-10.42	-10.42
2E	-1.07	0	0	21.70	-23.22	-23.22
3E	-0.53	0	0	21.70	-11.50	-11.50
4E	-0.48	0	0	21.70	-10.42	-10.42
5E	0.61	0	0	21.70	13.24	13.24
6E	-0.43	0	0	21.70	-9.33	-9.33

* p = qh * (GCpf - GCpi)

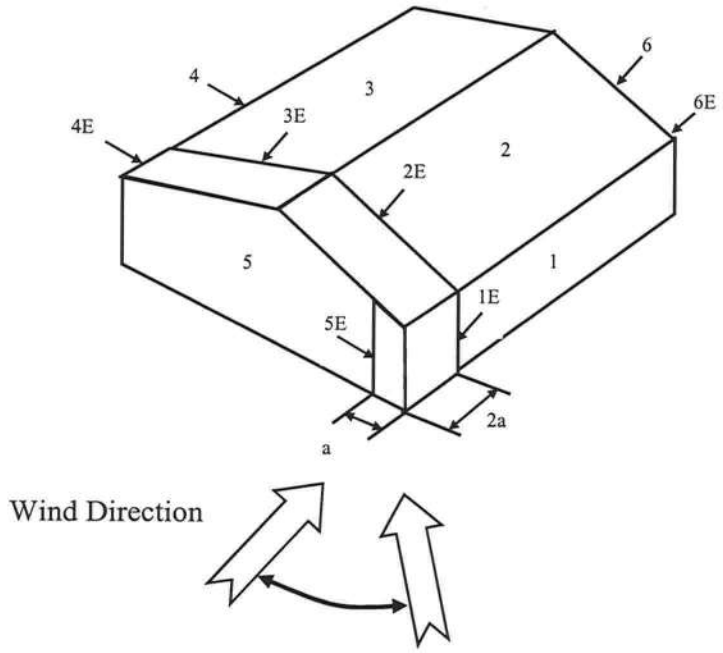

Figure 6-5 - External Pressure Coefficients, GCp

Loads on Components and Cladding for Buildings w/ Ht <= 60 ft

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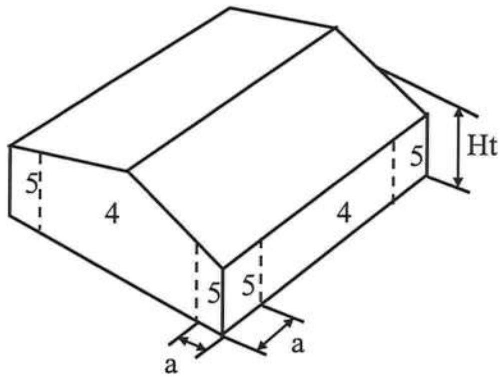

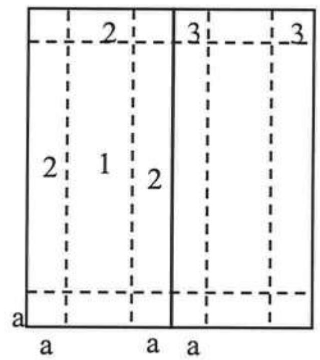

Gabled Roof
10 < Theta <= 45

a = 1.092 ==> 3.00 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp Max	GCp Min	Wind Press (lb/ft^2) Max	Wind Press (lb/ft^2) Min
	16	7	112.00	5	0.81	-1.03	14.50	-18.33
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
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	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					

Note: * Enter Zone 1 through 5, or 1H through 3H for overhangs.

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

Condition	Gcpi Max +	Gcpi Max -

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Open Buildings	0.00	0.00
Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Open Buildings	**0.00**	**0.00**

Table 6-8 External Pressure Coefficients for Arched Roofs, Cp

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	1.96	-15.68	-7.84
	P (-GCpi) -psf	1.96	-15.68	-7.84
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	6.59	-15.68	-7.84
	P (-GCpi) -psf	6.59	-15.68	-7.84

Table 6-9 Force Coefficients for Monoslope Roofs over Open Buildings, Cf

Variable	Description	Value	
L	Roof dimension normal to wind direction	10.92	ft
B	Roof dimension parallel to wind direction	26.00	ft
L/B	Ratio of L to B	0.420	
Theta	Slope of Roof	26.6	Deg
Cf	Force Coefficient	1.10	
X	Distance to center of pressure from windward edge	0.22	ft

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 27-4S-16-03199-314 **Building permit No.** 000028408

Use Classification RE-ROOF/ADD. SFD **Fire:** 0.00

Permit Holder JASON ELIXSON **Waste:**

Owner of Building ANTHONY & KIM DUFFINEY **Total:** 0.00

Location: 541 SW DANTE TERR., LAKE CITY, FL

Date: 04/12/2010

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)