DATE 12/08/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027510

APPLICANT RONNIE ROBINSON PHONE 623-2404

ADDRESS 362 SW SAPLING GLEN LAKE CITY FL 32024

OWNER EDWARD & MARIA PODLASZEWSKI PHONE 752-1692

ADDRESS 231 NW FETT WAY LAKE CITY FL 32055

CONTRACTOR RONNIE ROBINSON PHONE 623-2404

LOCATION OF PROPERTY 90 W, R BROWN RD, L HORIZON RD, R FETT RD, 3RD ON RIGHT

TYPE DEVELOPMENT DETACHED GARAGE ESTIMATED COST OF CONSTRUCTION 29800.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT 14.30 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING AG-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 X DEVELOPMENT PERMIT NO. _____

PARCEL ID 20-3S-16-02194-028 SUBDIVISION FAIRFIELD HILLS

LOT 28 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 3.60

		CBC1253729		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
EXISTING	X08-384	HD	BK	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE

Check # or Cash 2096

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 $ 150.00 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 $ _____ CULVERT FEE $ _____ **TOTAL FEE** 200.00

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 TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

Columbia County Building Permit Application

clk# 2096

For Office Use Only Application # 08/2-05 Date Received 12/3 By JV Permit # 27510

Zoning Official BLK Date 08.12.08 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 KLO Date 12-4-0

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 EXEMPT - Accessory Non residential Bldg.

Septic Permit No. 8-08-384 - IN FILE BOX Fax

Name Authorized Person Signing Permit Ronnie Robinson Phone (386) 623-2404

Address 362 SW Sapling Glen Lake City, Fl. 32024

Owners Name Edward & MARIA Podlaszewski Phone 386-752-1692

911 Address 231 NW FETTWAY Lake City, Fl. 32055

Contractors Name Ronnie Robinson Phone (386) 623-2404

Address 362 SW Sapling Glen Lake City, Fl. 32024

Fee Simple Owner Name & Address

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Schafer Engineering

Mortgage Lenders Name & Address

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

Property ID Number R20-3S-16-02194-028 Estimated Cost of Construction $29,800.00

Subdivision Name Fairfield Hills Lot Block Unit Phase

Driving Directions 90 west, R on Brown Rd., L on Horizon Rd, R on Fett Rd., 3rd House on Right.

Number of Existing Dwellings on Property 1

Construction of 30' x 30' DETACHED garage Total Acreage 3.6 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 14' 3"

Actual Distance of Structure from Property Lines - Front 260' Side 25' Side 55' Rear 290'

Number of Stories 1 Heated Floor Area N/A Total Floor Area 900 ft² 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.

SPOKE W/ Ronnie 12/8/08

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.

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 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Eduard Podlaszewski
Monica Podlaszewski
Owners Signature

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.

Donald Mark Robinson Jr
Contractor's Signature (Permitee)

Contractor's License Number CBC1253729
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 2nd **day of** December **20** 08

Personally known ✓ **or Produced Identification** _____

Tracy L. Duckett
State of Florida Notary Signature (For the Contractor)

SEAL:

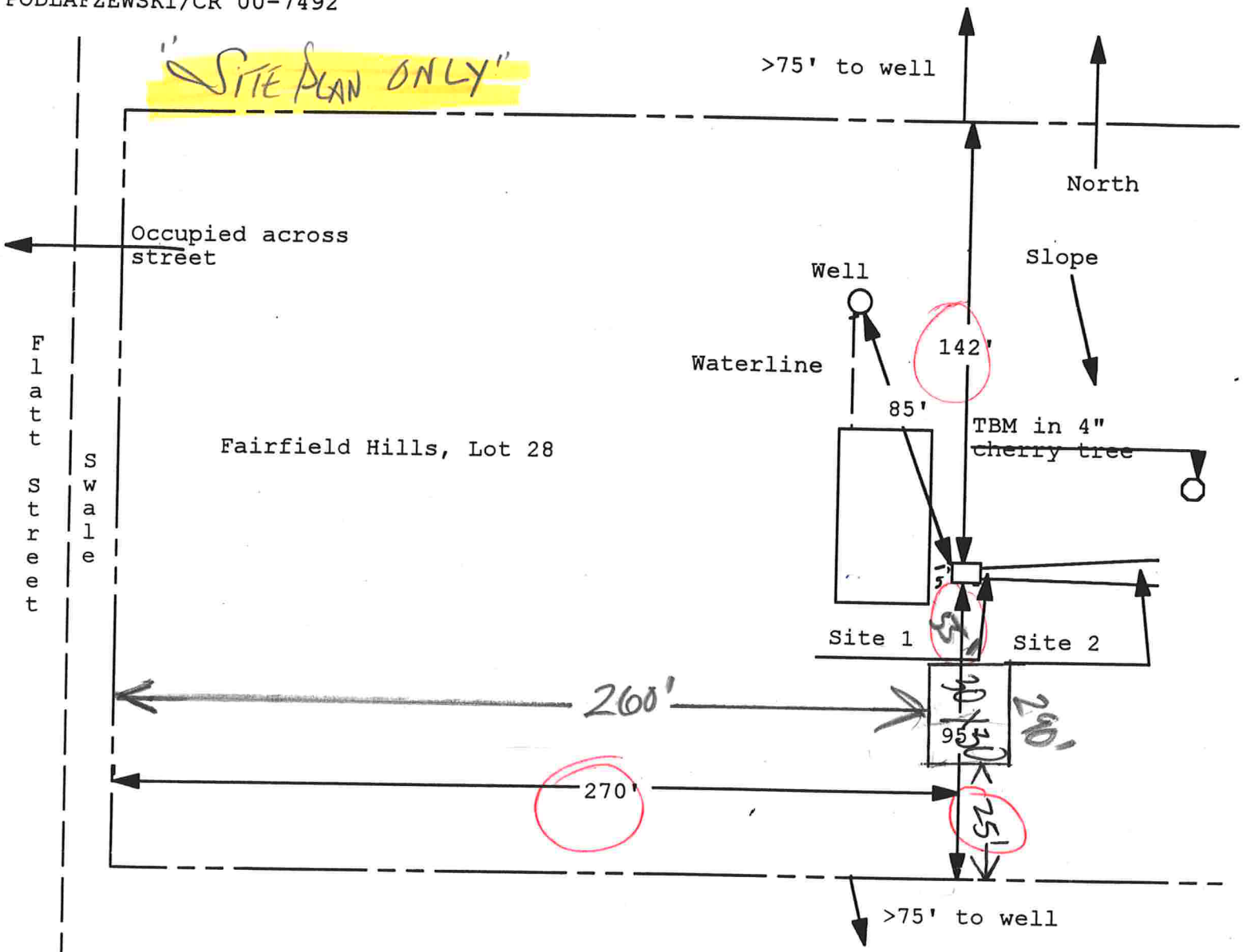
Notary Public State of Florida
Tracy L Duckett
My Commission DD462701
Expires 08/31/2009

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 00-0900N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PODLAFZEWSKI/CR 00-7492



Site Plan Submitted By Paul Lloyd Date 11/3/00

Plan Approved ✓ Not Approved ____ Date 11/3/00

By Paul Lloyd Reviewed by RAK Columbia CPHU 11/3/2000

Notes: ____

COLUMBIA COUNTY
HEALTH DEPT
243 E. FRANKLIN ST
LAKE CITY FL 32055

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT
Authority: Chapter 381, FS

CENTRAX #: 12-SC-01999
DATE PAID: 11-7-00
FEE PAID : $140.00
RECEIPT : 500110700S
OSTDSNBR : 00-0900-N

00-0900-N

APPLICATION FOR:

[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: **Podlaszewski, Edward & Maria** TELEPHONE: **904 755-6867**

AGENT: **99-000007 , Jerry Castagna,** PO Box 144 LC FL 32056

MAILING ADDRESS: **Rt. 8, Box 584, L.C. 32055**

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SCALE SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 64E-6, FLORIDA ADMINISTRATIVE CODE.

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

LOT: **28** BLOCK: _____ SUBDIVISION: **Fairfield Hills** PLATTED: **9/7/78**

PROPERTY ID #: **R 20-3S-16-02194-028** ZONING: _____ I / M OR EQUIVALENT: [Y / (N)]

PROPERTY SIZE: **3.60** ACRES [Sqft/43560] PROPERTY WATER SUPPLY: [X] PRIVATE [ ] PUBLIC

IS SEWER AVAILABLE AS PER 381.0065, FLORIDA STATUTES? [Y / (N)] DISTANCE TO SEWER: — FT

PROPERTY STREET ADDRESS: **Flatt Street, Lake City**

DIRECTIONS TO PROPERTY: Trotters Road
Highway 90 West, TR on ~~Turner Street~~, TL on Horizon, TR on Flatt Street, Third lot on right.

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
0	3 Bdrm Single/Multi Fa	3	1686	4	

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

APPLICANT'S SIGNATURE: _____ DATE: 11/7/00

DH 4015, 03/97 (Obsoletes previous editions which may not be used)
(Stock Number: 5744-001-4015-1) [ostds_appl_4015-1]

centraxed 2/14/01

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
CONSTRUCTION INSPECTION AND FINAL APPROVAL

CENTRAX #: 12-SC-01999
DATE PAID: 2-13-01
FEE PAID : 140.00
RECEIPT :
OSTDSNBR : 00-0900-N

00-0900-N

APPLICANT: **Podlaszewski, Edward & Maria** AGENT: **99-000007,**

PROPERTY STREET ADDRESS: **Flatt Street Lake City FL 32025**

LOT: **28** BLOCK: _____ SUBDIVISION: **Fairfield Hills**

PROPERTY ID #: **R 20-3S-16-02194-028** [Section/Township/Range/Parcel No.] [OR TAX ID NUMBER]

CHECKED [X] ITEMS ARE NOT IN COMPLIANCE WITH CHAPTER 64E-6, FLORIDA ADMINISTRATIVE CODE.

TANK INSTALLATION
[✓] [01] TANK SIZE [1] 900 [2] _____
[✓] [02] TANK MATERIAL pre-cast
[✓] [03] OUTLET DEVICE
[✓] [04] MULTI-CHAMBERS
[✓] [05] LEGEND PSI 34-107-09 B
[✓] [06] WATERTIGHT
[✓] [07] LEVEL
[✓] [08] DEPTH OF LID

DRAINFIELD INSTALLATION
[✓] [09] AREA [1] 333 [2] _____ SQFT
[✓] [10] DISTRIBUTION (BOX) / HEADER
[✓] [11] NUMBER OF DRAINLINES 2 (60/51)
[✓] [12] DRAINLINE SEPARATION
[✓] [13] DRAINLINE SLOPE

[✓] [14] DEPTH OF COVER
[✓] [15] SYSTEM ELEVATION 42" below BM
[✓] [16] SYSTEM LOCATION
[NA] [17] DOSING PUMPS
[✓] [18] AGGREGATE SIZE
[✓] [19] AGGREGATE SOURCE } rubber rock
[✓] [20] AGGREGATE WASHED
[✓] [21] AGGREGATE DEPTH

FILL/EXCAVATION MATERIAL
NA
[22] FILL AMOUNT
[23] FILL TEXTURE
[24] EXCAVATION DEPTH
[25] EXCAVATION AREA
[26] REPLACEMENT MATERIAL

SETBACKS
[✓] [27] SURFACE WATER
[✓] [28] DITCHES
[✓] [29] PRIVATE WELLS
[NA] [30] PUBLIC WELLS
[NA] [31] IRRIGATION WELLS
[✓] [32] POTABLE WATER LINES
[✓] [33] BUILDING FOUNDATION
[✓] [34] PROPERTY LINES
[NA] [35] OTHER _____

FILLED/MOUND SYSTEM
NA
[36] DRAINFIELD COVER
[37] SHOULDERS
[38] SLOPES
[39] STABILIZATION MATERIAL _____

ADDITIONAL INFORMATION
[✓] [40] UNOBSTRUCTED AREA
[✓] [41] STORMWATER RUNOFF
[NA] [42] ALARMS
[NA] [43] MAINTENANCE AGREEMENT
[✓] [44] BUILDING AREA
[✓] [45] PLUMBING FIXTURES
[✓] [46] FINAL SITE GRADING
[✓] [47] CONTRACTOR AJB - 2-14-4.00
[✓] [48] OTHER rubber rock

ABANDONMENT
NA
[49] TANK PUMPED _____
[50] TANK CRUSHED AND FILLED _____

EXPLANATION OF VIOLATIONS:

CONSTRUCTION [APPROVE / DISAPPROVE] JH Sweeney Columbia CHD Date: 2/14/01

FINAL SYSTEM [APPROVE / DISAPPROVE] JH Sweeney Columbia CHD Date: 2/14/01

4016, 03/97 (Obsoletes previous editions which may not be used)
Stock Number: 5744-002-4016-4) [ostds_cins_4016-2]

BK 0908 PG 2257

OFFICIAL RECORDS

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 00-475
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

00-14380

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY, FL.

'00 AUG 18 PM 3:10

RECORD VERIFIED

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Grantee #1 S.S. No. 169-34-8287
Grantee #2 S.S. No. 207-40-9400

Property Appraiser's Identification Number [redacted]

Documentary Stamp # 234.50
Intangible Tax
P. DeWitt Cason
Clerk of Court
By _____ D.C.

WARRANTY DEED

THIS INDENTURE, made this 15th day of August, 2000, BETWEEN MICHAEL E. GILES and SUSAN D. GILES, Husband and Wife whose post office address is 4361 NW 3rd Street, Coconut Creek, FL 33066, of the County of Broward, State of Florida, grantor*, and EDWARD PODLASZEWSKI and MARIA PODLASZEWSKI, Husband and Wife whose post office address is P.O. Box 144, Lake City, FL 32056, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 28, FAIRFIELD HILLS, a subdivision according to the plat thereof as recorded in Plat Book 4, Pages 107-107A of the public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

OFFICIAL RECORDS

Signed, sealed and delivered
in our presence:

(Signature of First Witness)

(Typed Name of First Witness)

(Signature of Second Witness)

(Typed Name of Second Witness)

(SEAL)
Grantor
MICHAEL E. GILES
Printed Name

(SEAL)
Grantor
SUSAN D. GILES
Printed Name

STATE OF Florida
COUNTY OF Broward

The foregoing instrument was acknowledged before me this 15th day of August, 2000, by MICHAEL E. GILES and SUSAN D. GILES, Husband and Wife who are personally known to me or who have produced FL. Driv. Lic. as identification and who did not take an oath.

G420545430190
G420782468390

My Commission Expires:
(Seal)

Notary Public
Printed, typed, or stamped name:

IVONNE SPIRO
MY COMMISSION # CC 854230
EXPIRES: July 12, 2003
Bonded Thru Notary Public Underwriters

IVONNE SPIRO
MY COMMISSION # CC 854230
EXPIRES: July 12, 2003
Bonded Thru Notary Public Underwriters

Columbia County Property Appraiser

DB Last Updated: 10/21/2008

2008 Certified Values

Tax Record | Property Card | Interactive GIS Map | Print

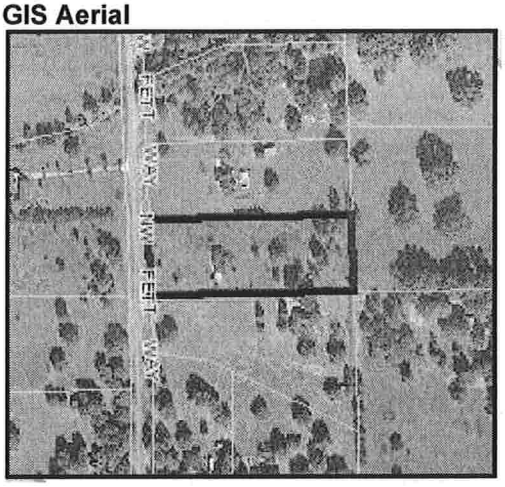
Parcel: 20-3S-16-02194-028 HX DX

Search Result: 1 of 1

Owner & Property Info

Owner's Name	PODLASZEWSKI EDWARD & MARIA		
Site Address	FETT		
Mailing Address	P O BOX 144 LAKE CITY, FL 320560144		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	20316.01	**Tax District**	3
UD Codes	MKTA01	**Market Area**	01
Total Land Area	3.600 ACRES		
Description	LOT 28 FAIRFIELD HILLS S/D. ORB 908-2257,		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	$75,600.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$141,502.00
XFOB Value	cnt: (1)	$1,922.00
Total Appraised Value		$219,024.00

Just Value		$219,024.00
Class Value		$0.00
Assessed Value		$143,252.00
Exempt Value	(code: HX DX)	$50,500.00
Total Taxable Value		$92,752.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
8/15/2000	908/2257	WD	V	Q		$33,500.00
4/1/1987	620/147	WD	V	U	01	$11,300.00
1/1/1985	554/693	QC	V	U	01	$1,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2001	Common BRK (19)	1811	2481	$141,502.00
	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	2001	$1,922.00	1281.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	3.600 AC	1.00/1.00/1.00/1.00	$21,000.00	$75,600.00

Columbia County Property Appraiser DB Last Updated: 10/21/2008

NOTICE OF COMMENCEMENT

Inst:200812021670 Date:12/2/2008 Time:3:17 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1163 P:538

Tax Parcel Identification Number R20-3S-16-02194-028

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)*: Section 20, 28, & 29 Township 3 South, Range 16 East
   a) Street *(job)* Address: 231 Eqtt Way Columbia County, FL
2. General description of improvements: 30x30 (900ft²) garage
3. Owner Information
   a) Name and address: Ed & Maria Podlaszewski
   b) Name and address of fee simple titleholder (if other than owner) same
   c) Interest in property adding a garage, driveway, enclose existing garage opening, porch enclosure
4. Contractor Information
   a) Name and address: Ronnie Robinson / 362 SW Sapling Glen, Lake City FL
   b) Telephone No.: 386-623-2404 Fax No. (Opt.)
5. Surety Information
   a) Name and address —
   b) Amount of Bond: —
   c) Telephone No.: — Fax No. (Opt.)
6. Lender
   a) Name and address: Sunstate
   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:
   b) Telephone No.: 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(1)(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 Edward Podlaszewski
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager

Edward Podlaszewski
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 1 day of December, 20 08, by: ~~Edward Podlaszewski~~ Michael Carr as Notary (type of authority, e.g. officer, trustee, attorney fact) for Edward Podlaszewski (name of party on behalf of whom instrument was executed).

Personally Known ____ OR Produced Identification ✓ Type FL Drivers License

Notary Signature _____ Notary Stamp or Seal:

MICHAEL J. CARR
Commission # DD519389
My Commission Expires
February 19, 2010

—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.

Edward Podlaszewski
Signature of Natural Person Signing (in line #10 above.)

Notice of Treatment

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

Site Location: Subdivision _____
Lot # _____ Block# _____ Permit # 0812-05 27510
Address 231 NW Fifth Way Lake City

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

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Detached Garage	900	120	50

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

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

12-8-08 Date | 11:00 Time | Nick Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Baya DR
City Lake City Phone 752-1903

Site Location: Subdivision
Lot # ____ Block# ____ Permit # 0812-05 27510
Address 231 NW Fott Way

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

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Footings RE-Treated	120	120	6

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

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

12/10/08 Date | 9:00 Time | Neil Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1TMT8228Z0121083950

Truss Fabricator:	Anderson Truss Company
Job Identification:	8-274--Jackson & Robinson Constr 30 X 30 GABLE -- , **
Truss Count:	2
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	FBC CODE/TPI-2002(STD)
Engineering Software:	Alpine Software,Version 7.36.
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: A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	67374--A1		08326001	11/21/08
2	67375--A-GE		08326002	11/21/08

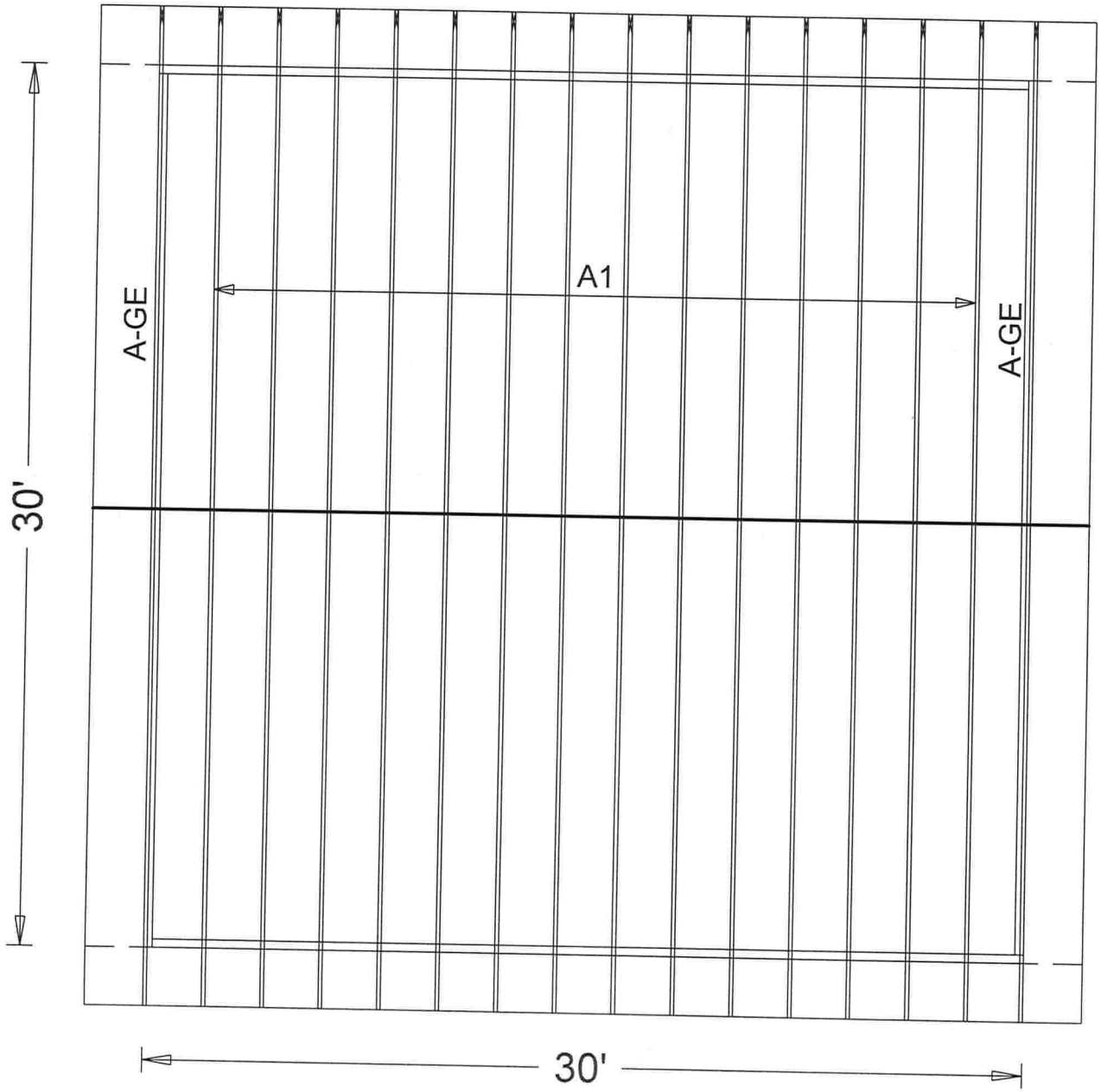
Seal Date: 11/21/2008

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

COLUMBIA COUNTY BUILDING DEPARTMENT
Received for FILE COPY
Code Compliance
PLANS EXAMINER

#8-274
JACKSON & ROBINSON

Roof Plane Sheathing Area = 1252 sq. ft
Gable Sheathing Area = 208 sq. ft
Total Sheathing Area = 1460 sq. ft
Fascia Material = 142 linear ft
Ridge Cap Material = 34 linear ft



JOB DESCRIPTION:: Jackson & Robinson Constr
/: 30 X 30 GABLE

JOB NO:
8-274

PAGE NO:
1 OF 1

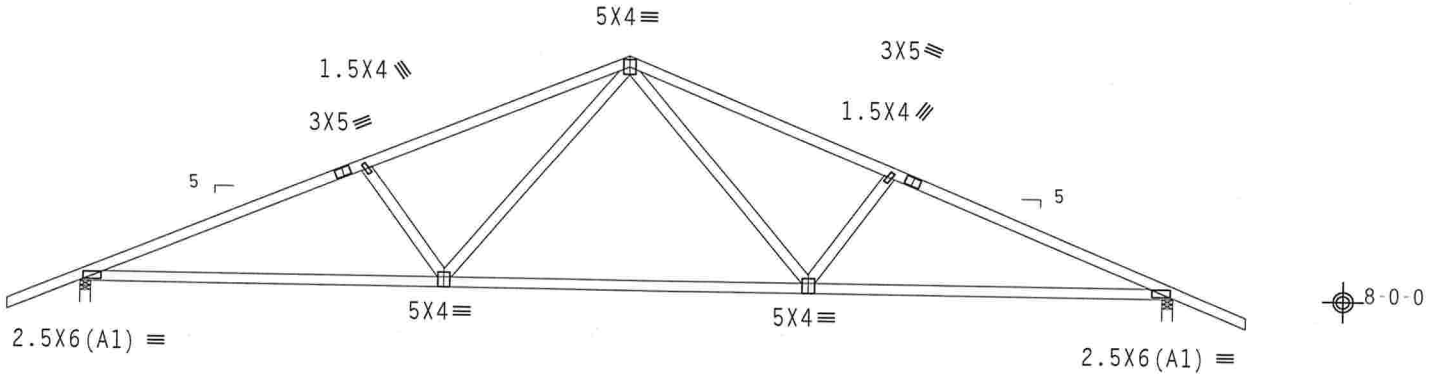
Webs 2x4 SP #3

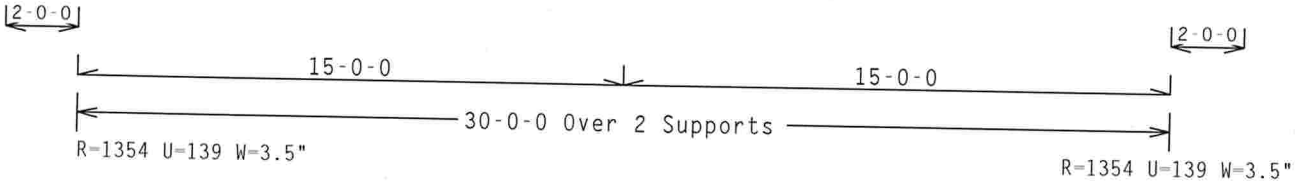
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.





PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.00.0424.11 QTY:14 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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 COMFORMANCE 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 (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. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R8228- 67374
TC DL	10.0 PSF	DATE	11/21/08
BC DL	10.0 PSF	DRW	HCUSR8228 08326001
BC LL	0.0 PSF	HC-ENG	JB/DLJ *
TOT.LD.	40.0 PSF	SEQN-	114491
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TMT8228Z01

Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

In lieu of structural panels use purlins to brace TC @ 24" OC.

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

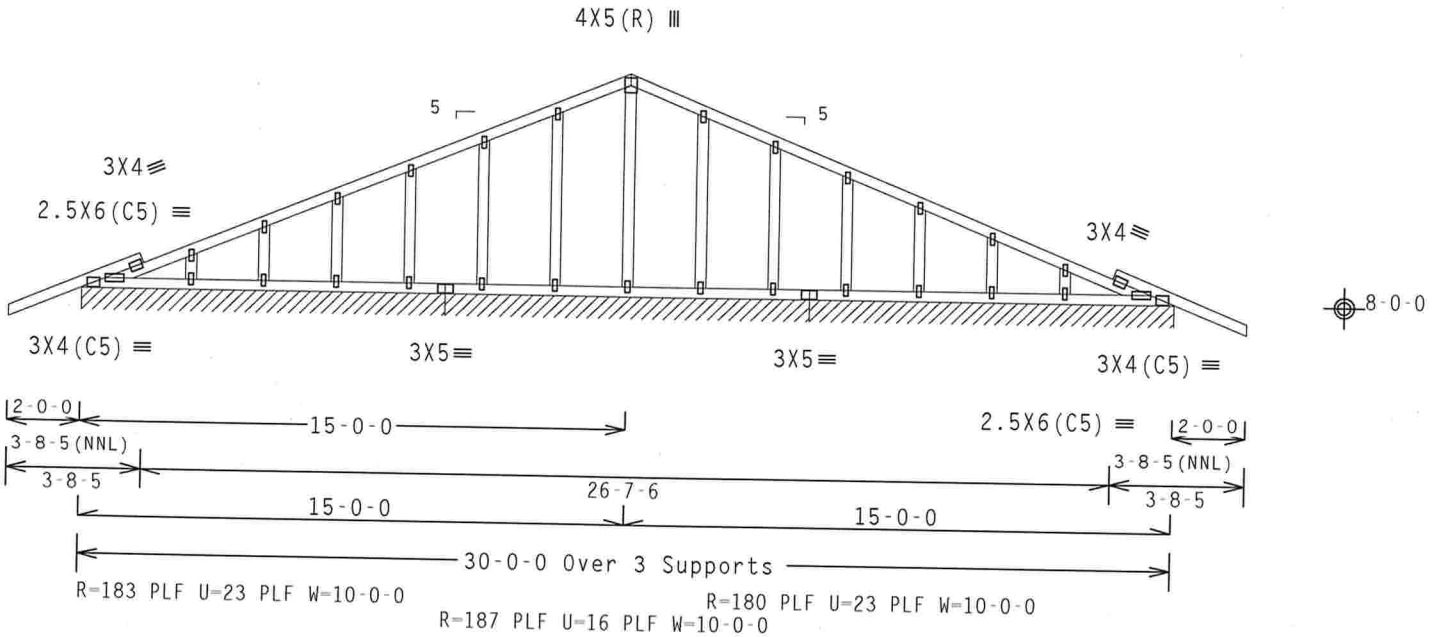
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.00.043 11 QTY:2 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

NOTES

TC LL	20.0 PSF	REF	R8228- 67375
TC DL	10.0 PSF	DATE	11/21/08
BC DL	10.0 PSF	DRW	HCUSR8228 08326002
BC LL	0.0 PSF	HC-ENG	JB/DLJ
TOT.LD.	40.0 PSF	SEQN-	114502
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TMT8228Z01

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

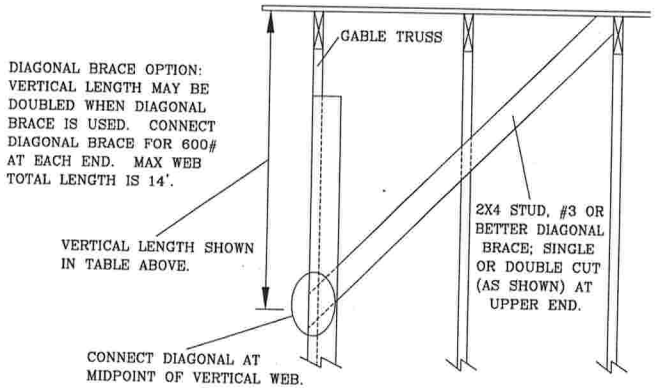
SOUTHERN PINE
#3
STUD
STANDARD

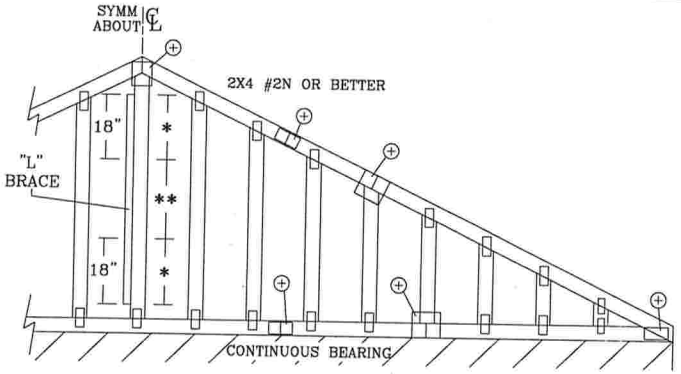
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

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

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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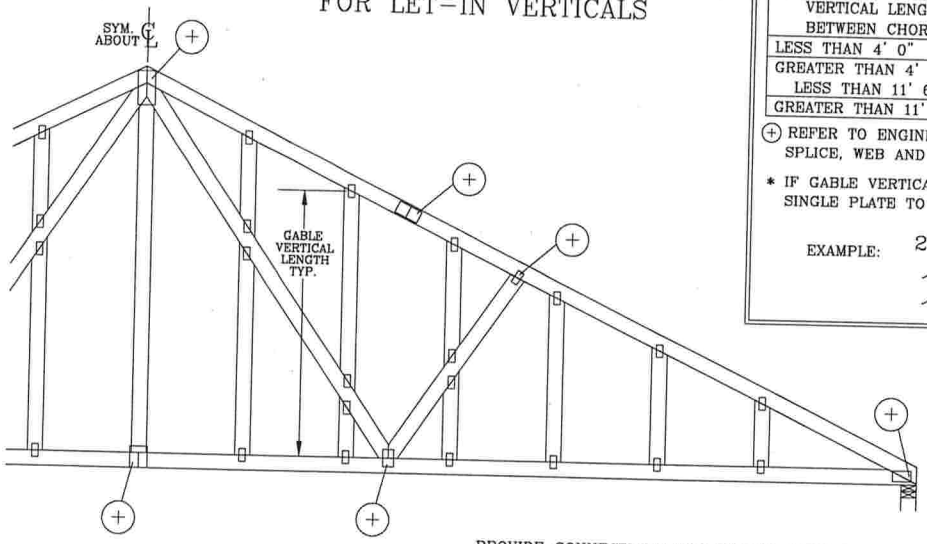
JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
NOV 2 '08

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB11015
DATE	2/23/07
DRWG	A11015EE0207
-ENG	

GABLE DETAIL
FOR LET-IN VERTICALS



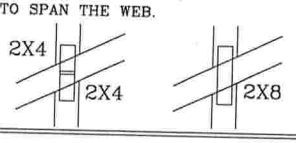
GABLE VERTICAL PLATE SIZES

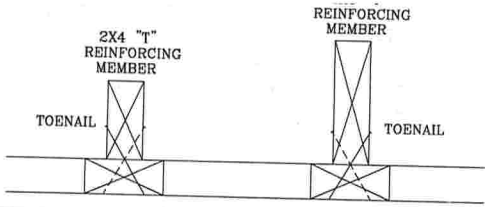
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

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

EXAMPLE:





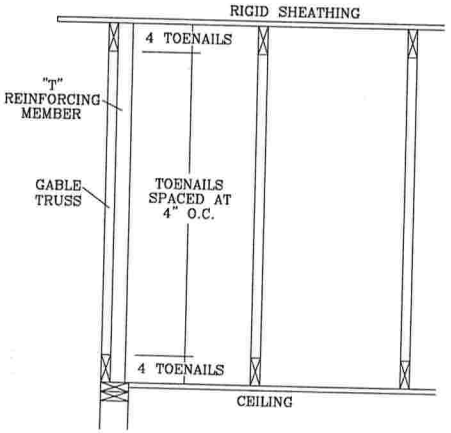
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AND BOTTOM CHORD.
GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207
ASCE 7-05 GABLE DETAIL DRAWINGS
A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207, A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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

IMPORTANT FURNISH COPY OF THIS DESIGN TO 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 (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
No 21 '08

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

REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLLETIN0207
-ENG	DLJ/KAR

Schafer Engineering, LLC

14705 Main St. Alachua FL 32615

Prepared for:

JACKSON & ROBINSON CONSTRUCTION EDWARD TODLASZEWSKI GARAGE

By:

Schafer Engineering, LLC

386-462-1340 / 352-375-6329

NO COPIES ARE TO BE PERMITTED

SCHAFER ENGINEERING LLC

Trusses: Pre-engineered with manufacturer's required bracing system installed.
Roof Sheathing: Type: OSB Size: 7/16 Fastener type nails: 8d/.113 Ring Shank
Interior zone spacing: Interior: 6 in. Periphery: 4 in.
Edge and end zone spacing: Interior: 6 in. Periphery: 4 in.

Top Double Pl: Type: Spruce Grade: #1 #2 Size: 2 x 4 Nail spacing: 8 in.

Studs: Wood or Steel: Wood Type: Spruce Grade: #1 #2 Size: 2 x 4
Interior Stud spacing: 16 in. Composite: (yes or no) Y
End Stud spacing: 16 in. Composite: (yes or no) Y

Shear Wall Siding: Type: OSB Thickness: 7/16 in.
32 ft. Trans: Fastener: 8d / 131 Spacing: Int 8 in. Edge 4 in.
30 ft. Long: Fastener: 8d / 131 Spacing: Int 8 in. Edge 4 in.

Allowable Unit Shear on Shear Walls: 314 **pounds per linear foot**
Unit Shear Transferred from Diaphragm: Trans: 105 Long: 121
Wall Tension Transferred by: Siding nails: 8d/131 @ 4 O.C. edges

Foundation Anchor Bolts: Concrete Strength: 3000 psi Size: 1/2 in. Shape: L
Washer: 2" Embedment: 7 in. Location of first anchor bolt from corner: 8 in.

Anchor Bolts @ 48" O.C. Model: A307 Loc. from corner: 8 in.

Type of Foundation: (1) - #5 rebar continuous required in bond beam.
Floor Slab: 4 in. CMU: Size 8 x 16 in. Height: 24 in. Reinf.: # 5 at 72 in.
Monolithic Footing: Depth: 20 in. Bottom Width: 12 in. Reinf.: 2 # 5 bars

Footing: Width: 20 in. Depth: 10 in. Reinforcing: 2 # 5 bars
Interior Footings: 16" W X 10" D
Porch Columns: _____ **Column Fasteners:** _____

Special Comments: Simpson HD5A or equal for jack studs to foundation for garage door header. Simpson MSTC28 or equal for garage door header to top plates jack studs

NOTE:
1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shear walls.
4. This is a wind load only, NOT a structural analysis.
5. This wind load is not valid without a raised, embossed seal.
6. It is assumed that ideal soil conditions and pad preparations are provided.
7. Fiber mesh or WWM may be used in concrete slab.
8. Trusses must be anchored and supported in accordance to the truss engineering.
9. Wind design and analysis valid for one use only, no copies permitted.
10. The foundation is for minimum design use and may be increased.
11. All headers over 12 feet to be pre-engineered.

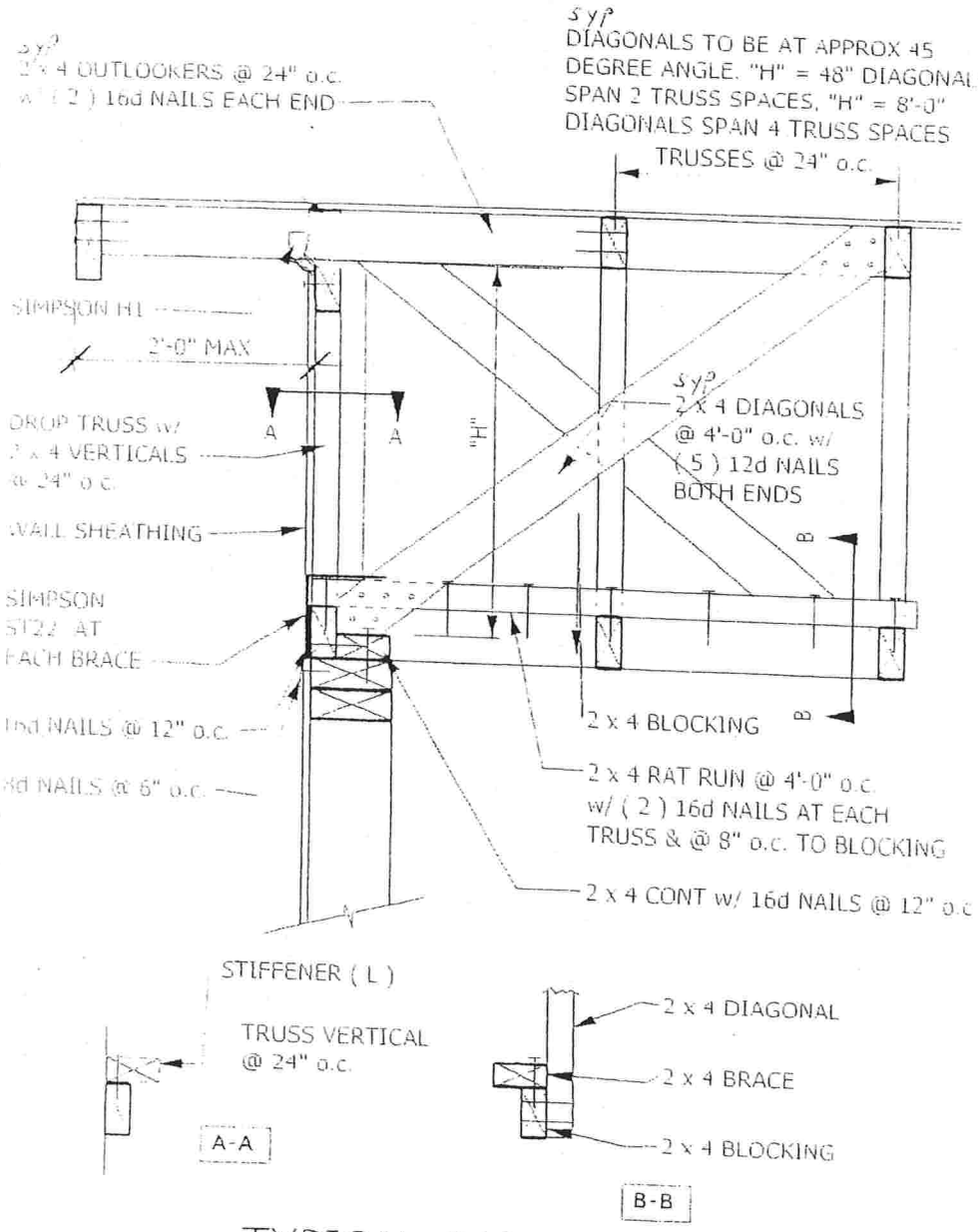
11-13-08

48984
7104 NW 42nd Ln.
Gainesville, FL

SCHAFER ENGINEERING, LLC

7104 N. W. 42ND LANE

GAINESVILLE, FLORIDA 32606



TYPICAL GABLE END BRACING

11-17-08

48984
7104 NW 42nd Ln
Gainesville, Fl

TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700
Total uplift for each truss resting on the header and divide by 2 to determine the uplift force. Use proper bolt anchors sufficient to support required load.				

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A
Two 12d common toenails are required per truss/rafter per bearing point into plate. Use proper bolt anchors. Strap rafters to truss or at each end with minimum uplift resistance of 450# each end. Strap ridge beam at each end with minimum uplift resistance of 1000#. It is the contractors' responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.		

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300
*or per truss engineering Use proper bolt anchors All beams to be sheathed or strapped to Double Top Plate when applicable.				

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS
Wall sheathing nailing Adequate exterior walls bottom w/8d nails.
Use SP1 & SP2 @32" O.C. on all interior non-sheathed bearing walls.
Interior anchor bolts to be ½" x 8" A307 or ½" x 7" wedge anchor or equivalent.

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.

NOTE:

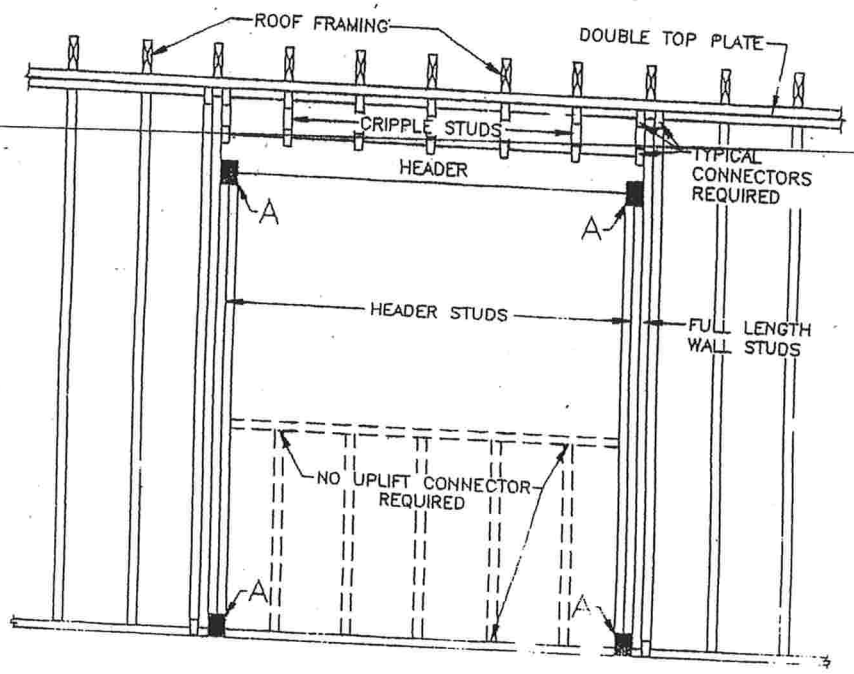
1. For nailing into SPF members, multiply table values by .86
2. See truss engineering for anchor tie-down values.

Unsupported Wall Height	Stud Spacing	Maximum Header Span (ft.)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1[1]	1	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
10' or less	12 in.	2	2	3	3	3	3
	16 in.	2	2	3	3	3	3
	24 in.	1	2	2	2	2	2
greater than 10'	12 in.	2	2	3	4	5	5
	16 in.	2	2	3	3	4	4
	24 in.	1	2	2	2	3	3

1. The header stud shall not be required if the header is supported by a suitable framing anchor.

Uplift connection requirement at points A (top and bottom of header studs): Uplift load per framing member above the header from Table 307F1 or 307A, as appropriate, multiplied by the number of framing members displaced divided by two.

NOTE. Uplift connection is required at each end of header and at bottom of header studs in addition to connectors at wall studs and at top and bottom of cripples.



ASCE 7-02

11/3/08

Wind Load Design per ASCE 7-02

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)	22.6	Deg
Type of Roof	Gabled	
Eave Height (Eht)	8.00	ft
Ridge Height (RHt)	14.25	ft
Mean Roof Height (Ht)	11.17	ft
Width Perp. to Wind (B)	30.00	ft
Width Parallel to Wind (L)	30.00	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.37
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	0.9219	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8789	
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	0.72	
Nb	4.6*NatFreq*B/Vzm	1.95	
Nd	15.4*NatFreq*Depth/Vzm	6.52	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.6513	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.3844	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.1417	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.9078	
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))	1.19	

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

ASCE 7-02

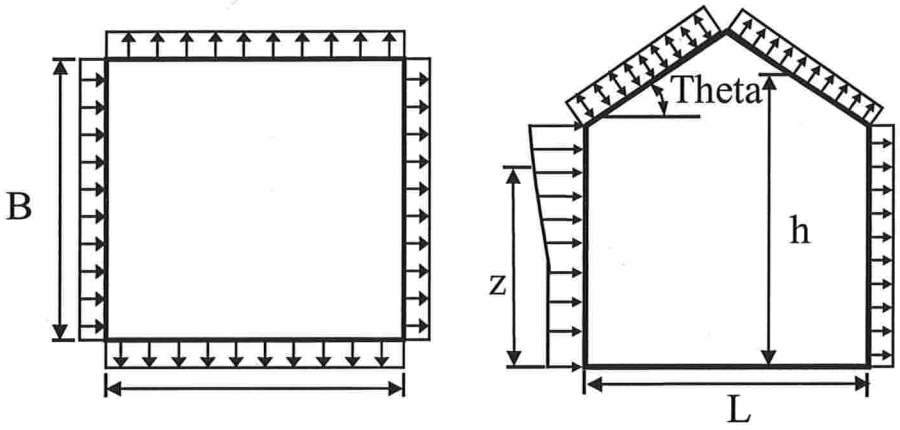
Wind Load Design per ASCE 7-02

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	0.70	1.00	1.00	21.70	12.05	18.46

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 30 ft wall)	-0.50	-11.03	-4.62
Leeward Walls (Wind Dir Parallel to 30 ft wall)	-0.50	-11.03	-4.62
Side Walls	-0.70	-14.16	-7.75
Roof - Normal to Ridge (Theta>=10)			
Windward - Max Negative	-0.30	-7.85	-1.44
Windward - Max Positive	0.18	-0.39	6.01
Leeward Normal to Ridge	-0.60	-12.59	-6.18
Overhang Top	-0.30	-4.65	-4.65
Overhang Bottom	0.80	0.70	0.70
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 5.585 ft	-0.90	-17.29	-10.88
Dist from Windward Edge: 5.585 ft to 11.17 ft	-0.90	-17.29	-10.88
Dist from Windward Edge: 11.17 ft to 22.34 ft	-0.50	-11.03	-4.62
Dist from Windward Edge: > 22.34 ft	-0.30	-7.90	-1.49

ASCE 7-02

Wind Load Design per ASCE 7-02

* Horizontal distance from windward edge

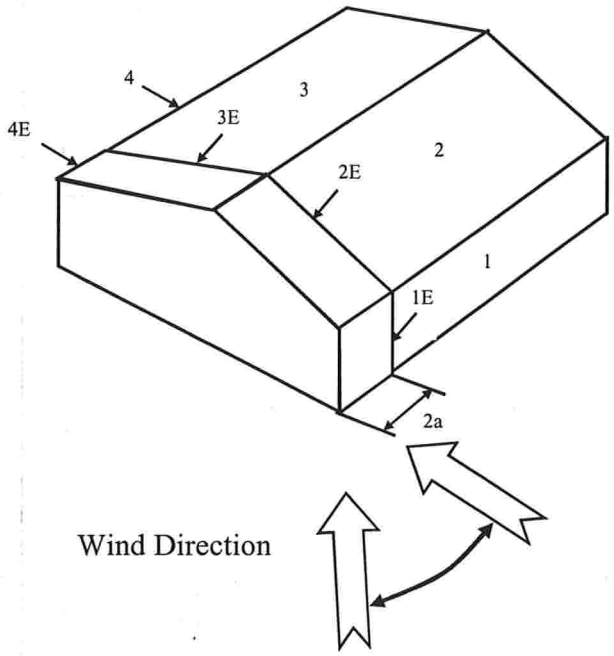
Figure 6-4 - External Pressure Coefficients, GCpf

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	0.54	0.18	-0.18	21.70	7.76	15.58
2	-0.46	0.18	-0.18	21.70	-13.80	-5.99
3	-0.47	0.18	-0.18	21.70	-14.04	-6.23
4	-0.41	0.18	-0.18	21.70	-12.90	-5.09
5	0.00	0.18	-0.18	21.70	-3.91	3.91
6	0.00	0.18	-0.18	21.70	-3.91	3.91
1E	0.77	0.18	-0.18	21.70	12.83	20.65
2E	-0.72	0.18	-0.18	21.70	-19.57	-11.75
3E	-0.65	0.18	-0.18	21.70	-17.98	-10.16
4E	-0.60	0.18	-0.18	21.70	-16.89	-9.08
5E	0.00	0.18	-0.18	21.70	-3.91	3.91
6E	0.00	0.18	-0.18	21.70	-3.91	3.91

* p = qh * (GCpf - GCpi)



ASCE 7-02

Wind Load Design per ASCE 7-02

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	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.61	0.18	-0.18	21.70	9.33	17.14
6E	-0.43	0.18	-0.18	21.70	-13.24	-5.43

* p = qh * (GCpf - GCpi)

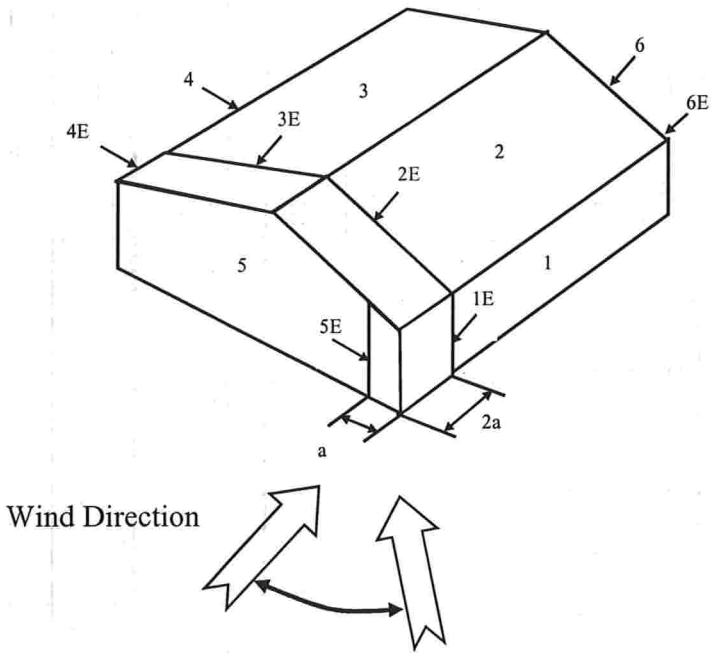


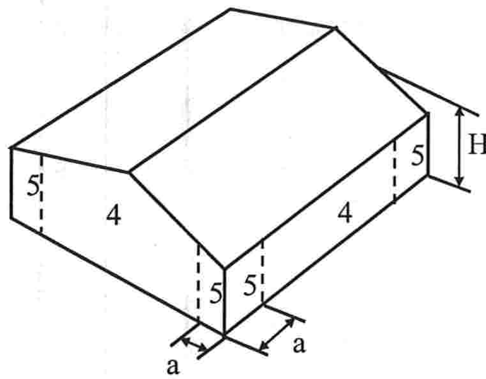
Figure 6-5 - External Pressure Coefficients, GCp

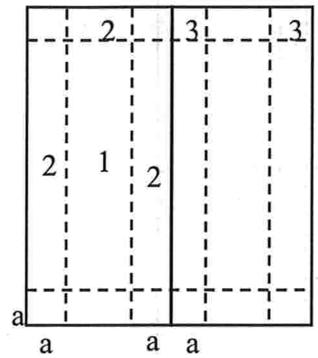
Loads on Components and Cladding for Buildings w/ Ht <= 60 ft

ASCE 7-02

11/3/08

Wind Load Design per ASCE 7-02





Gabled Roof
10 < Theta <= 45

a = 3 ==> 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	17.71	-21.53
	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					

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 -
Open Buildings	0.00	0.00

Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	**0.18**	**-0.18**

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	-1.25	-18.85	-11.03
	P (-GCpi) -psf	5.16	-12.44	-4.62
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.37	-18.85	-11.03
	P (-GCpi) -psf	3.37	-18.85	-11.03

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

Variable	Description	Value	
L	Roof dimension normal to wind direction	30.00	ft
B	Roof dimension parallel to wind direction	30.00	ft
L/B	Ratio of L to B	1.000	
Theta	Slope of Roof	22.6	Deg
Cf	Force Coefficient	1.03	
X	Distance to center of pressure from windward edge	0.35	ft

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 West Market Street Gratz, PA 17030 (717) 365-3300 Ext 2560 bsitlinger@miwd.com
Authorized Signature	Brent Sitlinger bsitlinger@miwd.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 Validated By	American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)	**Standard**	**Year**
	ANSI/AAMA/NWWDA 101/I.S.2	1997

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

Go to Page GO! Page 2 / 2

FL #	Model, Number or Name	Description
5438.21	740/3740 Fin Frame	52x71 Insulated DSB Annealed
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-45 DP-47.2 Per manufacturers installation instructions.		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.22	740/3740 Fin Frame	52x71 Single Glazed 3/16" Annealed
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 Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.23	740/3740 Fin Frame Oriel	52x71 Single Glazed 3/16" Annealed
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 Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.24	740/3740 Fin Frame Oriel	47x89 Single Glazed 3/16" Annealed
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 Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.25	740/3740 Fin Frame Oriel	39x90 Single Glazed 3/16" Annealed Sash / DSB Tempered 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 Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.26	740/3740 Flange Frame	52x71 Single Glazed DSB Tempered
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/-		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By:

Other: R-45 DP-47.2 Per manufacturers installation instructions.		Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.27	740/3740 Flange Frame	52x71 Insulated DSB Annealed
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-45 DP-47.2 Per manufacturers installation instructions.		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.28	740/3740 Flange Frame	53x72 Single Glazed 3/16" Annealed
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 Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.29	740/3740 Flange Frame Oriel	47x89 Single Glazed DSB Tempered
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP-42.9 Per manufacturers installation instructions.		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.30	740/3740 Flange Frame Oriel	47x89 Insulated 3/16" Annealed
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP-42.7 Per manufacturers installation instructions.		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.31	740/3740 Flange Frame Oriel	36x88 Insulated 3/16" Annealed Sash / DSB Tempered 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 Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.32	740/3740 Flange Frame Oriel	52x71 Insulated DSB Annealed
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 Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.33	740/3740 Flange Frame Oriel	53x72 Single Glazed 3/16" Annealed
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/-		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By:

Other: R-45 DP-47.2 Per manufacturers installation instructions.		Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
5438.34	8540 Fin Frame	48x72 Insulated SSB Annealed
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 Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:

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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, Fax (850) 414-8436

Product Approval Accepts:

Product Approval
USER: Public User

FL #	FL7085
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	MI Windows and Doors
Address/Phone/Email	650 West Market Street Gratz, PA 17030 (717) 365-3300 Ext 2560 bsitlinger@miwd.com
Authorized Signature	Brent Sitlinger bsitlinger@miwd.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 Validated By	American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)	**Standard**	**Year**
	ANSI/AAMA/NWWDA 101/I.S.2	1997

Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A

Date Submitted	06/23/2006
Date Validated	06/23/2006
Date Pending FBC Approval	06/26/2006
Date Approved	07/12/2006

Summary of Products

FL #	Model, Number or Name	Description
7085.1	740-3740 Aluminum Oriel Style Window - Flange Frame	53" x 72" Single Glazed 3/16" Annealed
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** +45/-47.2 **Other:** R-45		**Certification Agency Certificate** FL7085_R0_C_CAC_AAMA Chart - 740 Single Hungs.pdf **Quality Assurance Contract Expiration Date** **Installation Instructions** FL7085_R0_II_740-744 SH Flange Masonry Header Tapcon Instr - Fastener Schedule.pdf FL7085_R0_II_740-744 SH Flange Steel Header Tapcon Instr - Fastener Schedule.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
7085.2	740-3740 Aluminum Oriel Style Window - Flange Frame	48" x 89" Single Glazed 3/16" Annealed
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** +40/-47.2 **Other:** R-40		**Certification Agency Certificate** FL7085_R0_C_CAC_AAMA Chart - 740 Single Hungs.pdf **Quality Assurance Contract Expiration Date** **Installation Instructions** FL7085_R0_II_740-744 SH Flange Masonry Header Tapcon Instr - Fastener Schedule.pdf FL7085_R0_II_740-744 SH Flange Steel Header Tapcon Instr - Fastener Schedule.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
7085.3	740-3740 Aluminum Window - Fin Frame	52" x 71" Single Glazed 3/16" Annealed
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** +35.3/-47.2 **Other:** R-35		**Certification Agency Certificate** FL7085_R0_C_CAC_AAMA Chart - 740 Single Hungs.pdf **Quality Assurance Contract Expiration Date** **Installation Instructions** FL7085_R0_II_Installation instructions - BetterBilt Nail Fin Alum Windows.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
7085.4	740-3740 Aluminum Window - Flange Frame	53" x 72" Single Glazed 3/16" Annealed
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** +25.9/-34.7		**Certification Agency Certificate** FL7085_R0_C_CAC_AAMA Chart - 740 Single Hungs.pdf **Quality Assurance Contract Expiration Date**

Other: R-25	**Installation Instructions** FL7085_R0_II_740-744 SH Flange Masonry Header Tapcon Instr - Fastener Schedule.pdf FL7085_R0_II_740-744 SH Flange Steel Header Tapcon Instr - Fastener Schedule.pdf Verified By: American Architectural Manufacturers Association Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:

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DCA Administration

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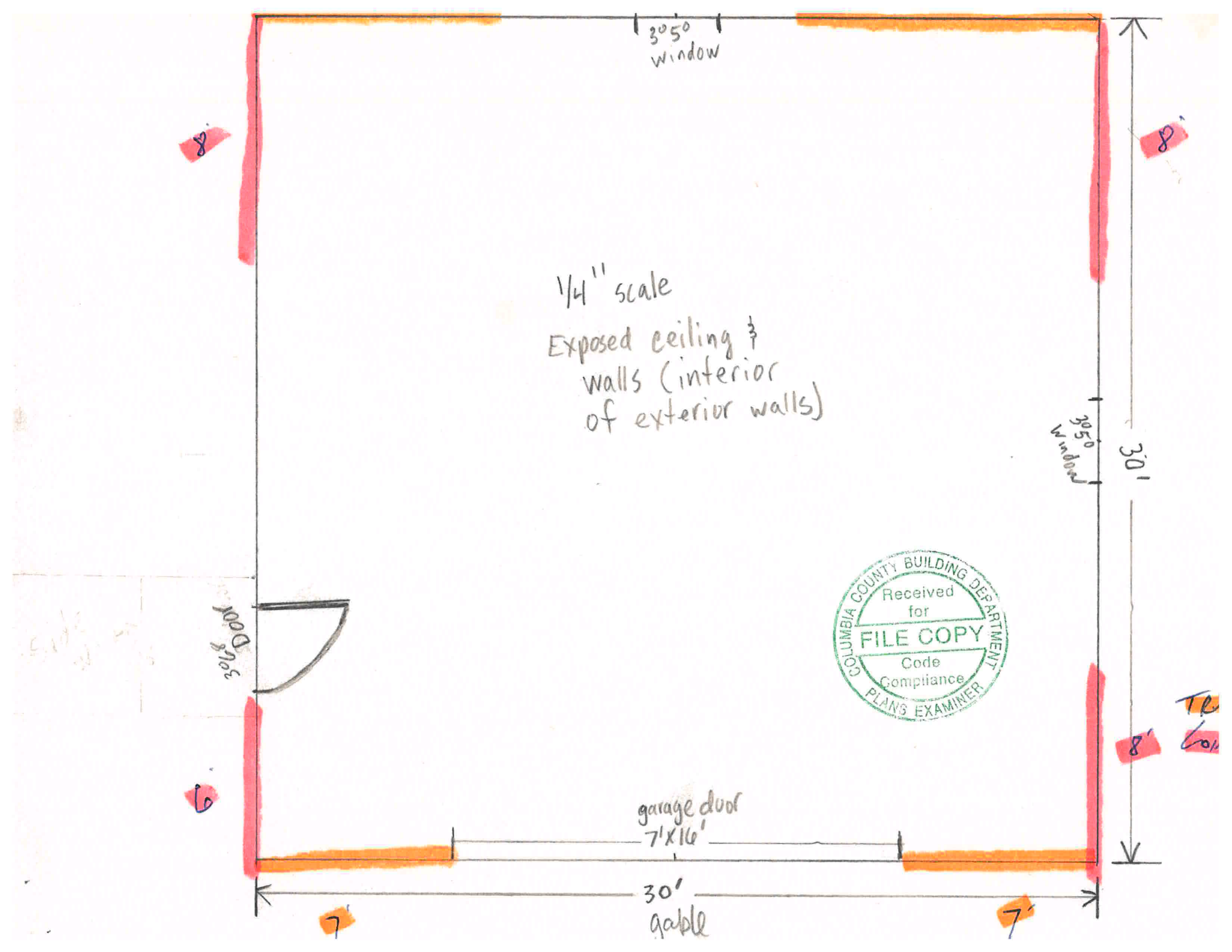
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Fax (850) 414-8436

Product Approval Accepts:

Front Elevation


3'5" window
8'
8'
1/4" scale
Exposed ceiling & walls (interior of exterior walls)
3'5" window
30'
3'0" door
COLUMBIA COUNTY BUILDING DEPARTMENT
Received for
FILE COPY
Code Compliance
PLANS EXAMINER
8'
garage door 7'x16'
30'
gable
7'
7'