

DATE 12/20/2005

Columbia County Building Permit

PERMIT 000023979

This Permit Expires One Year From the Date of Issue

APPLICANT GERALD HARVEY P.O. BOX 526 NEWBERRY FL 32669

OWNER HARVEY BUILDING & CONSTRUCTION 352 472-4468 FL 32038

ADDRESS 128 SW WALTON GLEN FT. WHITE FL 32038

CONTRACTOR HARVEY BUILDING & CONST 352 472-4468

LOCATION OF PROPERTY 47S, TL ON 27, TL ON BRIGHTON CT, TL ON WALTON GLEN

1ST LOT ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 76950.00

HEATED FLOOR AREA 1539.00 TOTAL AREA 2324.00 HEIGHT 1 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING FT WHITE MAX. HEIGHT 19 SIDE

Minimum Set Back Requirements: STREET-FRONT REAR SIDE

NO. EX.D.U. FLOOD ZONE FW DEVELOPMENT PERMIT NO.

PARCEL ID 34-6S-16-04059-209 SUBDIVISION HOLLINGSWORTH ESTATES

LOT 9 BLOCK PHASE UNIT TOTAL ACRES 0.50

Culvert Permit No. Culvert Waiver Contractor's License Number

CULVERT 05-1214-N BK LU & Zoning checked by Approved for Issuance New Resident

Driveaway Connection Septic Tank Number

COMMENTS: ONE FOOT ABOVE THE ROAD,

Check # or Cash 2393

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power Foundation Monolithic Slab Sheathing/Nailing date/app. by

Under slab rough-in plumbing date/app. by

Framing date/app. by

Electrical rough-in date/app. by

Permanent power date/app. by

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

Reconnection date/app. by

M/H Pole date/app. by

Travel Trailer date/app. by

Pool date/app. by

Re-roof date/app. by

UTILITY Pole date/app. by

CULVERT FEE \$ 408.24

FIRE FEE \$ 0.00

ZONING CERT. FEE \$ 11.62

BUILDING PERMIT FEE \$ 385.00

MISC. FEES \$ 0.00

WASTE FEE \$ 11.62

SURCHARGE FEE \$ 11.62

TOTAL FEE 408.24

CLERKS OFFICE

INSPECTORS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS

PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY, AND THERE MAY BE ADDITIONAL PERMITS REQUIRED

FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR

IMPROVEMENTS TO YOUR PROPERTY, IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY

BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER

THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK

AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

For Office Use Only Application # 0512-08 Date Received 12/2/05 By GT Permit # 23979
Application Approved by - Zoning Official Date Plans Examiner OK JTH Date 12-14-05
Flood Zone Development Permit Zoning Land Use Plan Map Category Comments City Water

Applicant's Name Harvey Bldg + Const. Inc. Phone 352-472-4468
Address P.O. Box 526 N. Highway 111 32169
Owners Name Harvey Bldg + Const. Inc. Phone 352-472-4468
911 Address 128 S.W. Brighton Glen Fort White 32038
Contractors Name Harvey Bldg + Const. Inc. Phone 352-472-4468
Address P.O. Box 526 N. Highway 111 32169
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Ron Baskin - 4321 N.W. 18th Pl Gainesville, FL 32609
Mortgage Lenders Name & Address Harvey Bldg + Const. Inc.

Circle the correct power company - FL Power & Light - Clay Sec. - Suwannee Valley Elec. - Progressive Eng.
Property ID Number 34-65-16-04059-209 Estimated Cost of Construction 175,000.00
Subdivision Name Hollingsworth Estates Lot 9 Block A Unit 1 Phase 1
Driving Directions 75 South to 47 South go to stop light in Fort White turn left on to 27 South go to Hollingsworth Estates on left Brighton Court turn left on within 1st lot on left
Type of Construction wood frame + concrete slab Number of Existing Dwellings on Property 0

Total Acreage 1/2 Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing D
Actual Distance of Structure from Property Lines - Front 30 Side 80 Side 80 Rear 19
Total Building Height 19'6" Number of Stories 1 Heated Floor Area 1539 Roof Pitch 5/12
Porch 291 Garage 494 Living Area 1539 TOTAL = 2324

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

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

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

Owner Builder or Agent (Including Contractor) JOEANNA D. HART
My comm. exp. Mar. 29, 2009
Comm. No. DD 391961
STATE OF FLORIDA
COUNTY OF COLUMBIA
NOTARY STAMP/SEAL
Competency Card Number
Contractors License Number CFC 05813
Contractor Signature [Signature]

05 12 17 "

Builder HARVEY Bldg. & Const. INC.

352-472-4468

22 10 FT.

25 FT.

Porch

2 Car Garage

Sidewalk

Porch

WATER LINE

Water

Water Line

Site Plan

10 FT.

APPROVED

Plants

12/20/15

10 FT.

Harvey Bldg. & Const. INC.

12/20/15

11/30/2005

We hereby give Gerald Harvey of Harvey Building Construction, Inc permission to obtain a building and septic permit to construct a home located on 128 SW Walton Glen, Ft White, FL 32038.

Feel free to call with any questions at 352-339-3839.


James A. McGlynn

By

Plan Approved.

Not Approved

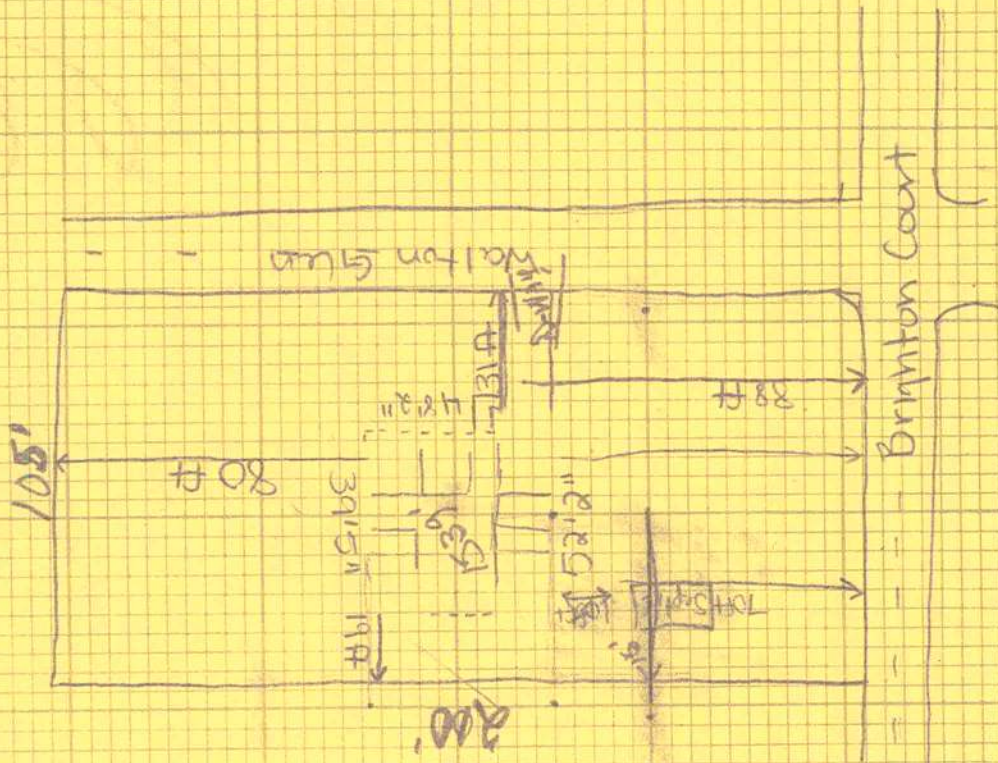
Site Plan submitted by:

Signature

Date_____

Title

Notes: Site Plan for 128 SIV Walton Glen, Ft White, FL 32038



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

PART II - SITE PLAN-

Permit Application Number

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

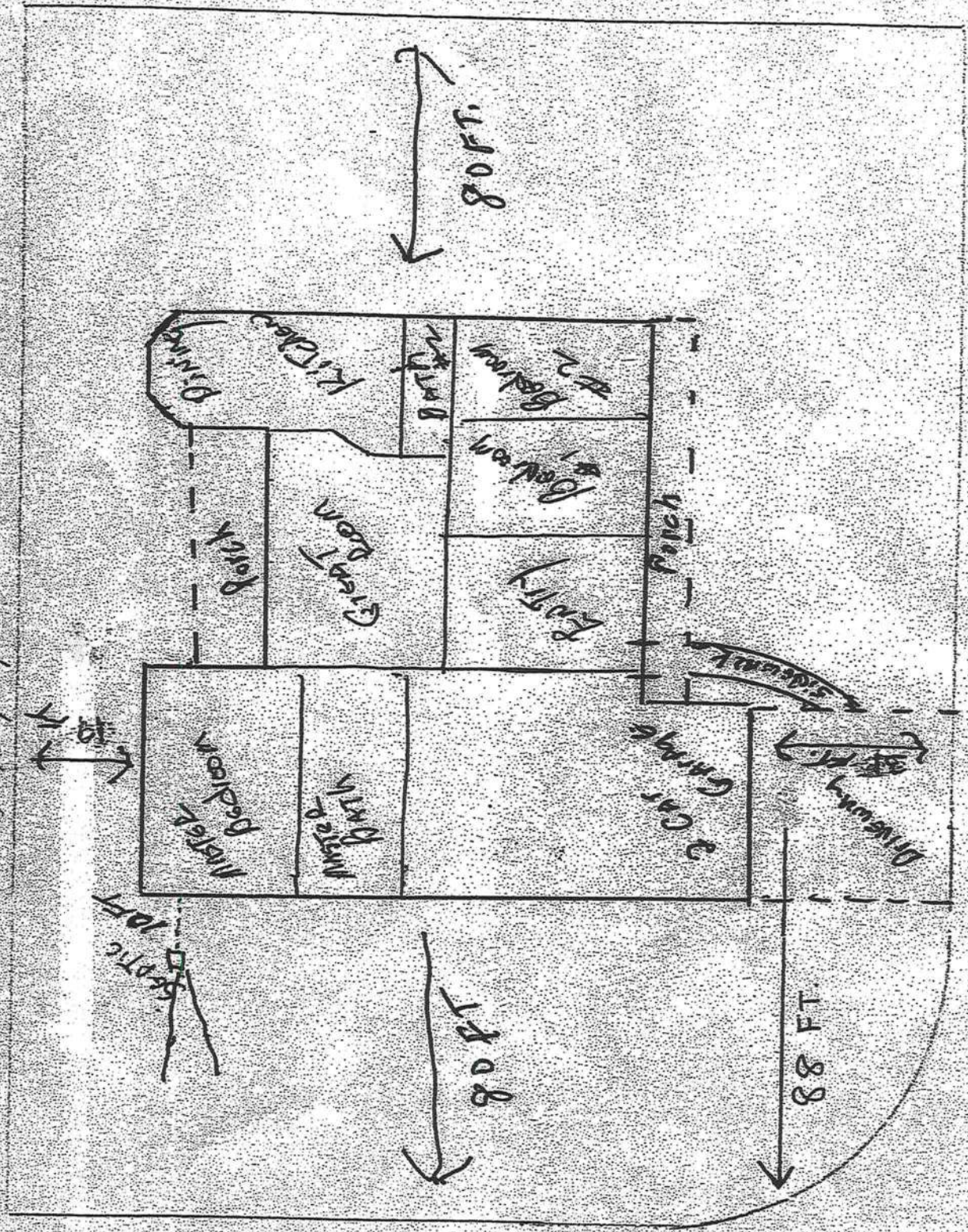
STATE OF FLORIDA
DEPARTMENT OF HEALTH



Builder HARVEY Bldg. & Const. INC.
352-472-4

105 FT.

SITE PLAN



District #1
Donald Cook
497-1086

District #2
Henry Maini
497-2992

District #3
John Gloskowski
497-3999

District #4
Demicuric Jackson
497-2078

Mayor
Truett George
497-4741

DATE
12/02/05

James S. Revella
LAND DEVELOPMENT REGULATION
ADMINISTRATOR
TOWN OF FORT WHITE

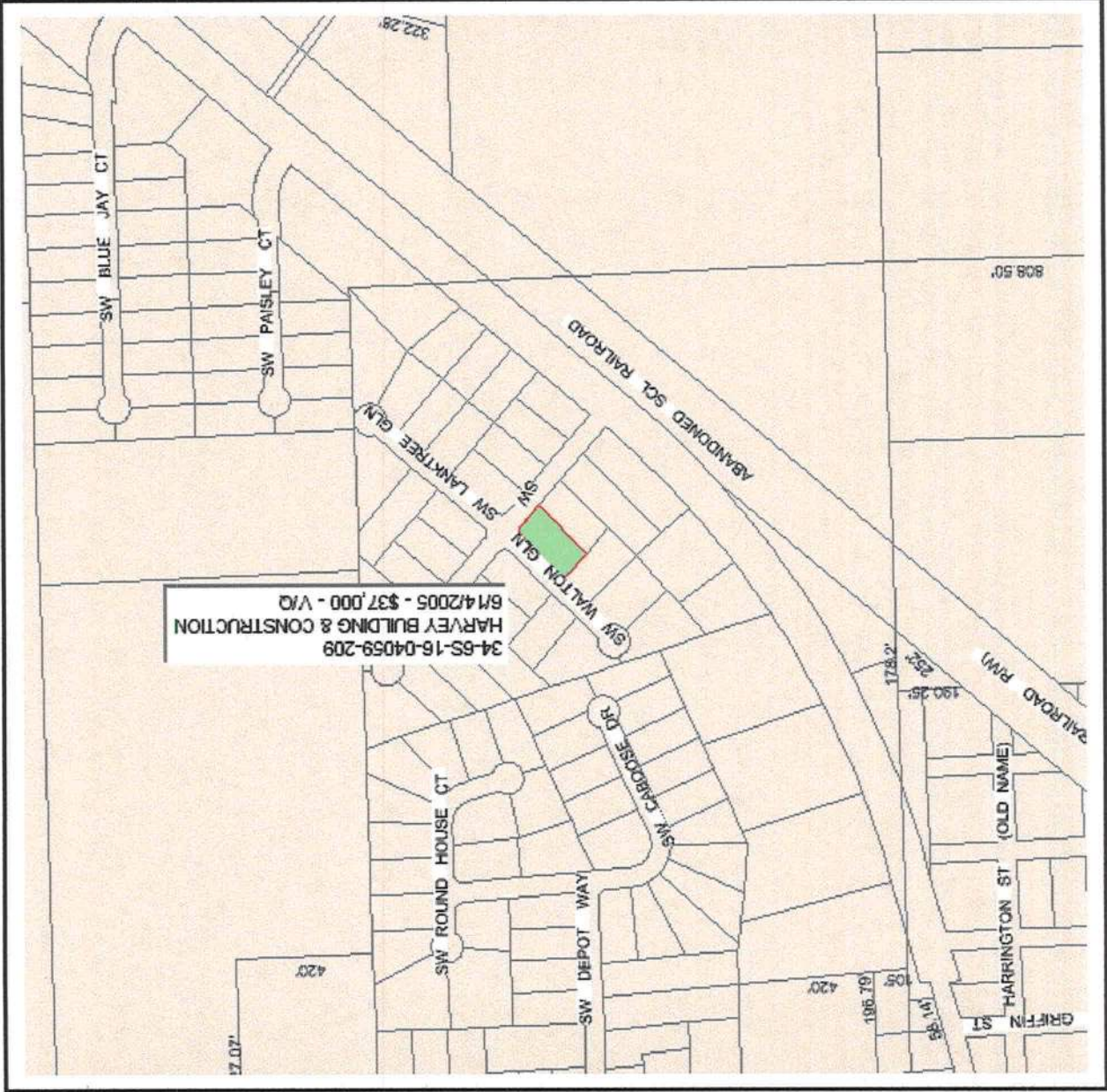
You are hereby authorized to issue the appropriate building permits.

OWNER'S NAME: Harvey Building & Construction
ADDRESS: P.O. Box 526 Newberry, FL 32669
PROPERTY DESCRIPTION: Lot #9 Block A Hollingworth Estates
(parcel number if possible) 34-6S-1604059-209
DEVELOPMENT: Single Family Residence

The undersigned hereby certify the following property is in compliance with the Town of Fort White's Comprehensive Plan and Land Development Regulations for the stated development purposes:

CERTIFICATE OF COMPLIANCE & REQUEST FOR ISSUANCE OF BUILDING PERMIT

Town of Fort White
Post Office Box 129 Fort White, Florida 32038-0129
Town Hall - (386) 497-2321 • Public Works - (386) 497-3345
Email: townofftwhite@alltel.com • Web site: Townofftwhitefl.com



34-6S-16-04059-209
HARVEY BUILDING & CONSTRUCTION
6/14/2005 - \$37,000 - V/Q

Columbia County Property Appraiser
J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 34-6S-16-04059-209 - VACANT (000000)
LOT 9 BLOCK A HOLLINGSWORTH ESTATES, ORB 716-462, 759-1322, PROB #97-110-CP

Name: HARVEY BUILDING & CONSTRUCTION
Site:
25108 NW 68 LANE
HIGH SPRINGS, FL 32643
Mail:
6/14/2005 \$37,000.00 V/Q
5/21/2004 \$12,000.00 V/Q
5/30/2002 \$8,000.00 V/Q
Sales
Info

LandVal	\$10,500.00
BldgVal	\$0.00
ApplVal	\$10,500.00
JustVal	\$10,500.00
Assd	\$10,500.00
Exmpt	\$0.00
Taxable	\$10,500.00

This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information 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, its use, or its 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 being finalized for ad valorem assessment purposes.

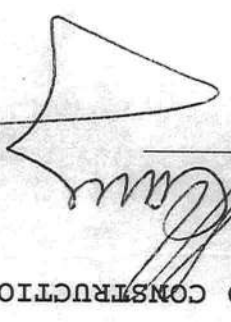
Doc. Stamps \$189.00
RETURN TO
U.S. Title
642 N.E. Santa Fe Blvd.
High Springs, FL 32643
USH-3272

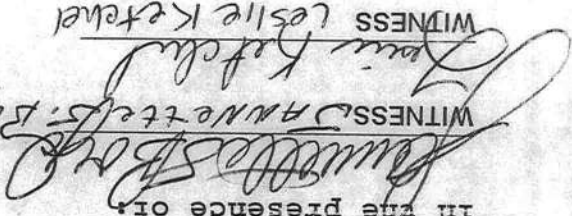
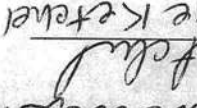
Inst: 2005023194 Date: 09/21/2005 Time: 11:38
Doc Stamp-Deed : 189.00
DC, P. Dewitt Cason, Columbia County B: 1059 P: 4
PARCEL ID# R04059-209
BUYER'S TIN#

WARRANTY DEED

THIS INDENTURE, Made this 9th day of September, 2005, BETWEEN HARVEY BUILDING AND CONSTRUCTION, INC., a Florida Corporation grantor whose address is 25401 NW 68TH LANE, HIGH SPRINGS, FL 32643, and JAMES A. MCGLYNN and RHODA G. REYES-TALADUA, AS JOINT TENANTS WITH RIGHTS OF SURVIVORSHIP grantee, whose post-office address is: 8616 NW 35th Lane, Gainesville, FL 32606.
[The terms "grantor" and "grantee" herein shall be construed to include all genders and singular or plural as the context indicates.]
WITNESSETH: That said grantor, for and in consideration of the sum of Ten (\$10.00) Dollars, 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, successors and assigns forever, the following described land, situate, lying and being in COLUMBIA County, Florida, to wit:
Lot 9, Block A, of HOLLINGSWORTH ESTATES, a subdivision according to plat thereof recorded in Plat Book 5, Page 122, of the Public Records of Columbia County, Florida.

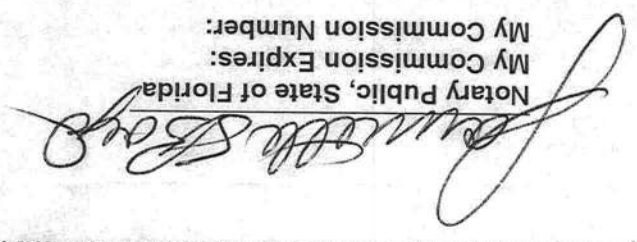
and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.
IN WITNESS WHEREOF, Grantor has hereunto set grantor's hand and seal the day and year first above written.

HARVEY BUILDING AND CONSTRUCTION, INC.
By 
Gerald E. Harvey
President

Signed, sealed and delivered
in the presence of,
WITNESS JANNETTE S. BOYD

WITNESS LESLIE KETTEL

STATE OF FLORIDA
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 9th day of September, 2005, by Gerald E. Harvey, President of HARVEY BUILDING AND CONSTRUCTION, INC. on behalf of the corporation. She/He is personally known to me or who has produced a driver's license as identification and who did take an oath.


Jannette S. Boyd
MY COMMISSION # DD230332 EXPIRES August 7, 2007
BONDED THROUGH TROY FARM INSURANCE, INC.


Notary Public, State of Florida
My Commission Expires:
My Commission Number:

RECORD & RETURN TO:
THIS INSTRUMENT WAS PREPARED BY: JANNETTE S. BOYD, an employee of U.S. TITLE, 642 N.E. SANTA FE BLVD., HIGH SPRINGS, FLORIDA 32643, as a necessary incident to fulfill the requirements of a Title Insurance Binder issued by it. USH-3272.

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE ISSUED: November 14, 2005

ENHANCED 9-1-1 ADDRESS:

128 SW WALTON GLN (FORT WHITE, FL 32038)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL. Harry Bldg. & Const. Inc.

OCCUPANT CURRENT MAILING ADDRESS: P.O. Box 526

Newberry Fla. 32669

PROPERTY APPRAISER PARCEL NUMBER: 34-6S-16-04059-209

Other Contact Phone Number (If any):

Building Permit Number (If known):

Remarks: LOT 9 BLOCK A HOLLINGSWORTH ESTATES S/D

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

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

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

AC#1822682

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ#L05011101099

DATE	BATCH NUMBER	LICENSE NBR
01/11/2005	040435938	CRC058134

The RESIDENTIAL CONTRACTOR

Named below IS CERTIFIED

Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2006

HARVEY, GERALD E
HARVEY BUILDING & CONSTRUCTION INC
25401 NW 68TH LN
HIGH SPRINGS
FL 32643

JEB BUSH
GOVERNOR

DISPLAY AS REQUIRED BY LAW

DIANE CARR
SECRETARY

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
03/03/2005

PRODUCER (352)493-2565 FAX (352)493-0402

Nature Coast Insurance, Inc.

1515 North Young Blvd

P O Box 1520

Chieftand, FL 32644

INSURED Harvey Building & Construction, Inc.

25401 SW 17th Ave
Newberry, FL 32669

INSURERS AFFORDING COVERAGE	INSURER A: Auto Owners Insurance Company	INSURER B:	INSURER C:	INSURER D:	INSURER E:
NAIC #					

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADPT LTR INSR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS MADE ☒ OCCUR ☐ GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC	014612-20597061-05	02/15/2005	02/15/2006	EACH OCCURRENCE \$ 300,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 300,000 GENERAL AGGREGATE \$ 300,000 PRODUCTS - COMP/OP AGG \$ 300,000
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Per accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY ☐ ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY - AGG \$
	EXCESS/UMBRELLA LIABILITY ☐ CLAIMS MADE ☐ OCCUR ☐ DEDUCTIBLE ☐ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ WC STATUTORY LIMITS E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				
	OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

Residential Carpentry 3 Stories or Less

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Shirley Miller

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION
Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: MODEL 1539

Builder: HARVEY BUILDERS

Address:

Permitting Office: 23919

City, State:

Permit Number: 221000

Owner:

Jurisdiction Number:

Climate Zone: North

1. New construction or existing	Single family	1
2. Single family or multi-family	Single family	1
3. Number of units, if multi-family	1	
4. Number of Bedrooms	3	
5. Is this a worst case?	Yes	
6. Conditioned floor area (ft ²)	1539 ft ²	
7. Glass area & type	Single Pane Double Pane	
a. Clear glass, default U-factor	0.0 ft ²	
b. Default tint	0.0 ft ²	
c. Labeled U or SHGC	0.0 ft ²	
8. Floor types		
a. Slab-On-Grade Edge Insulation	R=4.0, 196.0(p) ft ²	
b. N/A		
c. N/A		
9. Wall types		
a. Frame, Wood, Exterior	R=13.0, 1568.0 ft ²	
b. Frame, Wood, Adjacent	R=13.0, 256.0 ft ²	
c. N/A		
d. N/A		
e. N/A		
10. Ceiling types		
a. Under Attic	R=30.0, 1539.0 ft ²	
b. N/A		
c. N/A		
d. N/A		
e. N/A		
11. Ducts		
a. Sup. Unc. Ret. Unc. AH. Garage	Sup. R=6.0, 110.0 ft ²	
b. N/A		

12. Cooling systems	a. Central Unit	
b. N/A		
c. N/A		
13. Heating systems	a. Electric Heat Pump	
b. N/A		
c. N/A		
14. Hot water systems	a. Electric Resistance	
b. N/A		
c. Conservation credits		
(HR-Heat recovery, Solar		
DHP-Dedicated heat pump)		
15. HVAC credits	(CF-Ceiling fan, CV-Cross ventilation,	
HF-Whole house fan,		
PT-Programmable Thermostat,		
MZ-C-Multizone cooling,		
MZ-H-Multizone heating)		
Cap: 30.0 kBtu/hr	SEER: 10.00	
Cap: 28.0 kBtu/hr	HSPF: 7.00	
Cap: 40.0 gallons	EF: 0.88	
PT,		

Glass/Floor Area: 0.15
Total as-built points: 25706
Total base points: 26079

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.
PREPARED BY: SUNCOAST INSULATORS
DATE: 10/3/15
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.
OWNER/AGENT:
DATE:

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



Residential Whole Building Performance Method A - Details

PERMIT #:

ADDRESS: "

GLASS TYPES		BASE	
.18 X Conditioned X BSPM = Points Floor Area		Type/SC Overhang Omt Len Hgt Area X SPM X SOF = Points	
.18 1639.0 20.04 5551.5		Double, Clear W 2.0 6.0 82.0 38.52 0.85 E 2.0 6.0 126.0 42.06 0.85 N 2.0 6.0 4.0 19.20 0.90 S 2.0 6.0 12.0 35.87 0.78 Double, Clear As-Built Total: 224.0 7680.9	
WALL TYPES Area X BSPM = Points		Type R-Value Area X SPM = Points	
Adjacent 256.0 0.70 179.2 Frame, Wood, Exterior 13.0 1568.0 1.50 2362.0 Exterior 1568.0 1.70 2665.6 Frame, Wood, Adjacent 13.0 256.0 0.60 153.6 Base Total: 1824.0 2844.8		Type R-Value Area X SPM = Points	
DOOR TYPES Area X BSPM = Points		Type R-Value Area X SPM = Points	
Adjacent 20.0 2.40 48.0 Exterior Insulated 40.0 4.10 164.0 Exterior 40.0 6.10 244.0 Adjacent Insulated 20.0 1.60 32.0 Base Total: 60.0 292.0		Type R-Value Area X SPM = Points	
CEILING TYPES Area X BSPM = Points		Type R-Value Area X SPM = Points	
Under Attic 1539.0 1.73 2662.5 Under Attic 30.0 1539.0 1.73 X 1.00 2662.5 Base Total: 1539.0 2662.5		Type R-Value Area X SPM = Points	
FLOOR TYPES Area X BSPM = Points		Type R-Value Area X SPM = Points	
Slab 196.0(p) -37.0 -7252.0 Raised 0.0 0.0 -7262.0 Base Total: -7262.0		Slab-On-Grade Edge Insulation 4.0 196.0(p) -36.70 -7193.2 As-Built Total: 196.0 -7193.2	
INFILTRATION Area X BSPM = Points		Area X SPM = Points	
1539.0 10.21 15713.2		1539.0 10.21 15713.2	

Residential Whole Building Performance Method A - Details

ADDRESS: " "

PERMIT #:

BASE		Summer Base Points: 19811.9		Total Summer X System = Cooling Points Multiplier		19811.9		0.4266		8451.8	
AS-BUILT		Summer As-Built Points: 21465.0		Total X Cap X Duct X System X Credit = Cooling Points Component Ratio Multiplier Multiplier Multiplier (DM x DSM x AHU)		21465.0		1.000		1.250	
								(1.090 x 1.147 x 1.00)		0.341	
								0.950		0.950	
								8701.2		8701.2	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE										AS-BUILT									
GLASS TYPES										Type/SC									
.18 X Conditioned X BWPM = Points										Overhang									
Floor Area										Omt Len Hgt Area X WPM X WOF = Points									
.18										W									
1539.0										2.0									
12.74										6.0									
3529.2										82.0									
Double, Clear										20.73									
Double, Clear										1.04									
Double, Clear										1772.3									
Double, Clear										2511.3									
Double, Clear										1.06									
Double, Clear										24.58									
Double, Clear										1.00									
Double, Clear										98.8									
Double, Clear										200.8									
As-Built Total:										224.0									
4583.2										R-Value									
Area X BWPM = Points										Area X WPM = Points									
Type										Type									
Adjacent										Frame, Wood, Exterior									
921.6										13.0									
3.60										1568.0									
3.70										3.40									
5801.6										844.8									
Exterior										Frame, Wood, Adjacent									
1568.0										13.0									
1824.0										256.0									
6723.2										1824.0									
As-Built Total:										6176.0									
Type										Area X WPM = Points									
Adjacent										Exterior Insulated									
230.0										40.0									
11.50										8.40									
12.30										20.0									
492.0										8.00									
60.0										496.0									
Base Total:										As-Built Total:									
722.0										60.0									
CEILING TYPES										Type									
Area X BWPM = Points										Area X WPM X WCM = Points									
Under Attic										Under Attic									
1539.0										30.0									
2.05										1539.0									
3154.9										2.05 X 1.00									
3154.9										1539.0									
Base Total:										3154.9									
FLOOR TYPES										Type									
Area X BWPM = Points										Area X WPM = Points									
Slab										Slab-On-Grade Edge Insulation									
196.0(p)										4.0									
8.9										196.0(p)									
0.0										8.45									
0.00										1656.2									
1744.4										1656.2									
Base Total:										As-Built Total:									
1744.4										196.0									
INFILTRATION										Area X WPM = Points									
Area X BWPM = Points										Area X WPM = Points									
1539.0										1539.0									
-0.59										-0.59									
-908.0										-908.0									

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE		AS-BUILT					
Winter Base Points: 14965.8		Winter As-Built Points: 15158.3					
Total Winter X System = Heating Points	Multiplier	Total X Cap X Duct X System X Credit = Heating Points	Component Ratio	Multiplier	Multiplier	Multiplier	Points
14965.8		15158.3					
0.6274		1.00					
9389.5		1.000 (1.069 x 1.169 x 1.00)					
14965.8		1.250					
0.487		0.487					
0.950		0.950					
8766.5		8766.5					

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: ...

PERMIT #:

BASE						AS-BUILT					
WATER HEATING											
Number of X			Multiplier = Total			Tank EF			Number of X Bedrooms Ratio		
Bedrooms						Volume			Multiplier		
3			2746.00			40.0			1.00		
			8238.0			0.88			2746.00		
									1.00		
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Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.5
The higher the score, the more efficient the home.

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



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

EnergyGauge[®] (Version: FLRCSB v3.30)

STRUCTURAL DESIGN REPORT

Project (#05053)

1. Name: New House for Harvey Building Construction, Inc. (Contractor)

2. Location:

3. Description: New exterior wood frame wall with truss & conventional roof framing as provided by plans from Contractor.

Roof Structure

1. Trusses: Engineered by Truss manufacturer per TPI-95 and Chapter 16 of the FBC.2001. Spacing @24"oc. Top Chords to be SYP. All trusses to be toenailed with (3) 8d at plate if used (min. 1" penetration into plate). Provide permanent bracing of trusses per Detail(s). Facenail 2x4 bracing with (2) 16d each chord location. The Contractor shall provide all temporary and permanent bracing as required for safe erection and performance of the trusses. The guidelines set forth by the Truss Plate Institute Publication "HIB-91, Commentary and Recommendations for Handling, Installing and Bracing Metal Plate Connected Wood Trusses" shall be a Minimum Requirement.

2. Truss Connection (Hurricane Clips): See "Roof Framing Layout" drawing(s).

3. Conventional Roof Framing: Use 2x8 #2 SYP @24"oc for spans greater than 12 feet up to 17 feet. Spans less than 12' use 2x6 #2 SYP. Toenail rafters with (3) 8d at each end.

4. Roof Sheathing: Sheathing to be minimum 15/32" CDX to adequately resist exterior shear and uplift forces due to nailing. Panels to be installed & facenailed according to Roof Sheathing Attachment and Nail Zone Pattern Drawing Details. Galvanized steel or aluminum metal edging (FHA drip - 26 gauge) to be nailed @4"oc. All flashing (valleys, etc.,) to be same gauge and nailed at same spacing.

5. Shingles: Asphalt strip shingles shall have a minimum of 6 fasteners per shingle per FBC 2001. Staples not allowed.

6. Small Dormer Framing: Use 2x6 SYP #2 @24"oc for given roof slope. Toenail rafters with (3) 8d at bearing and use a pair of Simpson LS50 anchors at 2x ridge board. Use 2x4 stud framing for dormer meeting same requirements as shearwalls. Fasten studs at bottom and top on sidewalls with Simpson H2.5 stud ties. See Detail drawing for Ladder construction.

Wood Frame Exterior Walls

1. Shearwalls: Shearwalls and required fasteners are graphically depicted in the "Shearwall Framing Layout" drawing(s) for each floor. This illustration along with the "Schedules" sheet defines: (1) the sheathing thickness & type; (2) nail size and spacing; (3) anchor bolt size and spacing; and (4) the type of holdown device at each end of the shear wall if required.

2. Shearwall Framing: Studs to be 2x4 SYP #2 or SPF #2 @16"oc for wall height of 8'-0". See "Shearwall Framing Layout" drawing(s) and "Typical Section" detail for given size, type and grade for given wall height(s). Top plates to be SYP and overlapped minimum of 48". Use at least (22) 16d nails per overlap. Nailed plates together with 16d @18"oc with alternate pattern. First and last anchor bolts to be 6" from each end unless a holdown device requires closer position to stud.

Note: Top plates to be continuous around exterior wall framing to maintain shear transfer capacity. Contact engineer if openings break top plates. Plates will be adjusted to go around openings and be designed to resist shear loads.

3. Shear Wall Sheathing: 1/2" CDX (or 7/16" allowed) sheathing will adequately resist exterior shear and uplift

forces due to nailing. Panels to be installed vertical (48") and field nailed (interior) with 8d @12"oc.

4. Walls Not Defined As Shearwalls: Framing and sheathing requirements are identical to "shearwalls." Panels to be installed vertical (48") and facenailed with 8d common nails @6"oc along the edges and 12"oc along interior (field nailing). Bottom plates are to be attached with 1/2" anchor bolts @48"oc. First and last anchor bolts to be 6" from each end.

5. Header Anchorage: See "Shearwall Framing Layout" drawing(s).

Gable End Framing (Gable end walls are to be constructed by following option)

1. Continuous Balloon Framing: See Attached Detail drawing(s). This option is required for scissor or cathedral trusses that are to be installed immediately behind the gable end wall.

2. Step Down Framing: See Attached Detail drawings for given truss type. See L-bracing requirements.

Porches

1. Post Columns: Use PT (SYP #2) columns at locations per "Porch Layout." Fastened as specified per Detail drawings. Use 1x trim to hide fasteners.

2. Beams: Use Multi-ply PT headers as shown per "Framing Layout." Fastened to each post or column with fasteners specified per drawings.

Foundation

1. Concrete: Concrete to have a min. 28 day compressive strength of 3000 psi. Steel reinforcement to be #5 rebar (continuous) Grade 60 having a minimum splice lap of 25" at all locations.

Footings for exterior load bearing walls are to be minimum 10x16" for CMU stemwall and 12x16" for monolithic foundations respectively. See Typical Section drawing for footing type and size. Footings for interior load bearing walls are to be a minimum 16" wide by 8" deep. Interior shear walls have minimum 12" wide footers (8" depth). Both interior footings to have (2) #5 rebar continuous.

2. Slab Reinforcement Option: Owner/contractor can use fiber-reinforced slabs in lieu of welded wire fabric. The synthetic fiber reinforcement shall: (1) have lengths between 0.5 to 2 inches; (2) have a dosage amount between 0.75 to 1.5 pounds per cubic yard; and (3) comply with ASTM C1116.

3. Porch Slab: Provide 12x12" perimeter edge beam (reinforced with (2) #5 rebar continuous) with 4" concrete slab to support columns.

Additional Notes
Design Data

1. Contractor/Owner is responsible for fabricating structure(s) according to the requirements and specifications of the Florida Building Code (FBC 2001), and local codes and regulations of the jurisdictional Building Department. Structure has been designed to satisfy the wind load requirements of FBC Section 1606 and ASCE7-98. Contractor is responsible for verifying that modification of the existing structure(s) will pose no detriment to such structure(s) originally designed to resist wind forces per requirements of FBC 2001 and jurisdictional Building Department. Information required by FBC 1606.1.7 for drawings is listed below:

BASIC WIND SPEED = 110 MPH for EXPOSURE B
IMPORTANCE FACTOR, I=1.0 (CATEGORY II, ASCE 7-98)
INTERNAL PRESSURE COEFFICIENT = 0.18 (ENCLOSED)
WIND COMPONENT & CLADDING (CC) LOADS - 36 psf Wall, 42.1 psf Roof, 68.3 psf Roof Overhang

2. Wood framing and fasteners to meet NDS-1991 requirements. Nail & screw fasteners shall be installed flush with surface of sheathing.

3. Fastener requirements: (1) All nails are Common galvanized steel; (2) all bolts (except interior anchor bolts) are to be galvanized steel including nuts and washers; and (3) all other hardware (Simpson, etc.) is to be installed according to manufacturer's specifications and recommendations. Nailing (size and number) shall satisfy Table 1705.1 FBC 2001 unless otherwise indicated. NOTE fasteners directly exposed to the weather are to be hot-dipped galvanized steel (nails, bolts, nuts and washers). Simpson fasteners are to be installed according

to the manufacturer's recommendations and specifications.

4. Foundation requirements of structure may vary due to design loading and existing soil conditions. Foundations should be cast against well compacted soil having a minimum density of 90%; and is clean, free of organics and well graded (A2-A3-A4) up to a depth of at least 4 feet below the footings. Notify Engineer or Geotechnical Engineering Services if existing soil conditions fail to meet this criteria and/or if wet soil conditions or unsuitable material (clay, muck, etc., - after 4 feet below the footings) are encountered. Also, Contractor/Owner to verify design and construction loading requirements on foundation as required by Truss Manufacturer.

5. The same thickness substitution of OSB sheathing for CDX plywood may be permitted if requested by the Owner and Contractor. This material has the same shear strength capacity and nail schedule requirements as CDX. The installation of OSB to conform to the Manufacturer's recommendations and specifications.

CDX plywood is recommended (over other sheathing materials) because its physical properties remain stable over time, and due to the material's superior performance record during Hurricane Andrew (1992).

6. The Texture 1-11 (T1-11) siding (5/8") may be used in lieu of 1/2" CDX plywood for exterior sheathing of walls. The T1-11 siding shall satisfy the following requirements: 5-ply having a min. nominal thickness of 19/32"; grooves no wider than 1 1/2" and spaced no closer than 12"; and texture that does not penetrate through the face veneer. The installation of T1-11 to be conform to Manufacturer's recommendations and specifications.

7. The use of Red Head 5/8 x 6" concrete wedge anchors can be substituted in lieu of 1/2 and 5/8" anchor bolts. A 3/4 x 6 1/4" anchor can be used for larger anchor bolts but can not exceed 6470 lbs of pullout.

Concrete Construction Notes

1. Concrete work shall conform to "Building Code Requirements for Reinforced Concrete" (ACI-318) and "Specifications for Structural Concrete" (ACI-301), Latest Edition.
2. All concrete shall be cured for a minimum of 7 days. If forms for vertical surfaces are removed prior to the end of the curing period, spray surfaces with liquid membrane curing compound.
3. Reinforcing steel shall conform to ASTM A615, Grade 60 (Fy=60 ksi). Lap continuous bars for tension lap splice per ACI-318, unless otherwise noted. Provide corner bars of same size and spacing as horizontal wall reinforcement. Cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
4. Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets on mesh space and wire tie adjacent sheets together securely. Cut alternate reinforcement at control joints.
5. All slabs on grade shall have construction or control joints not to exceed 20'-0" spacing, unless otherwise noted.
6. Electrical conduit and other pipes to be embedded in structural concrete floor slabs or walls shall be placed in accordance with the requirements of ACI-318, Paragraph 6.3.

Masonry Construction Notes

1. Concrete and brick masonry work shall conform to "Building Code Requirements for Masonry Structures" (ACI 530-88/ASCE5-88) and "Specifications for Masonry Structures: (ACI 530.1-88/ASCE6-88).
2. Concrete masonry units shall be Type 1 and comply with "Standard Specifications for Hollow Load-Bearing Concrete Masonry Units" (ASTM C90-90).
3. The minimum net area compressive strength of Masonry (f'm), as determined by the unit strength method, shall be 1500 psi.
4. Mortar shall conform to ASTM C270. Type N Mortar shall be used unless otherwise noted. Type S mortar shall be used with masonry in contact with earth.
5. Masonry column reinforcement shall have #2 ties in the bed joints at 8"oc, unless otherwise noted. Not required for piers. Grout for filling block cores and bond beams shall have a minimum compressive strength (f'c) of 4000 psi at the age of 28 days.
6. Brick solid units shall comply with "Specifications for Facing Brick" (ASTM C216). Brick hollow units shall comply with "Specifications for Hollow Brick" (ASTM C652).

RON BARLOW, P.E.
CIVIL & STRUCTURAL
ENGINEERING

BUILDING DEPARTMENT
Columbia County, FL

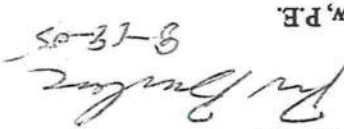
August 19, 2005

Re: Foundation Bearing Value Revision - Permit #050867
Lot 1, Block C - Hollingsworth Estates
Skip Harvey (Contractor)
Job #05053

Dear Building Official:

The soil bearing value can be reduced from 1500 to 1000 psi for the preparation of the soil for the foundation for the above referenced project.
These proposed modifications, when inspected and approved by the Building Department, will allow the new structure to meet the requirements of Chapter 1606 FBC 2004 for a design wind of 110 mph. If you have any questions concerning this matter please give me a call at (352) 335-6724.

Respectively yours,

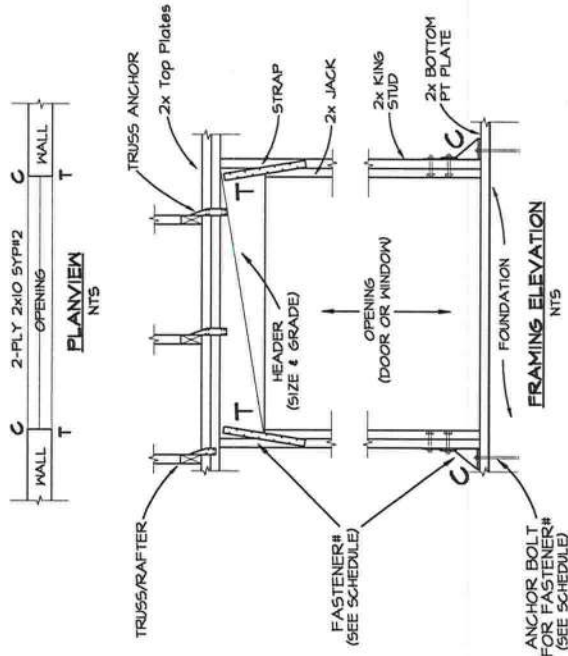

Ron Barlow, P.E.
8-18-05

SCHEDULES FOR SINGLE STORY CONSTRUCTION

EXAMPLE 1: HEADER

INSTRUCTIONS:

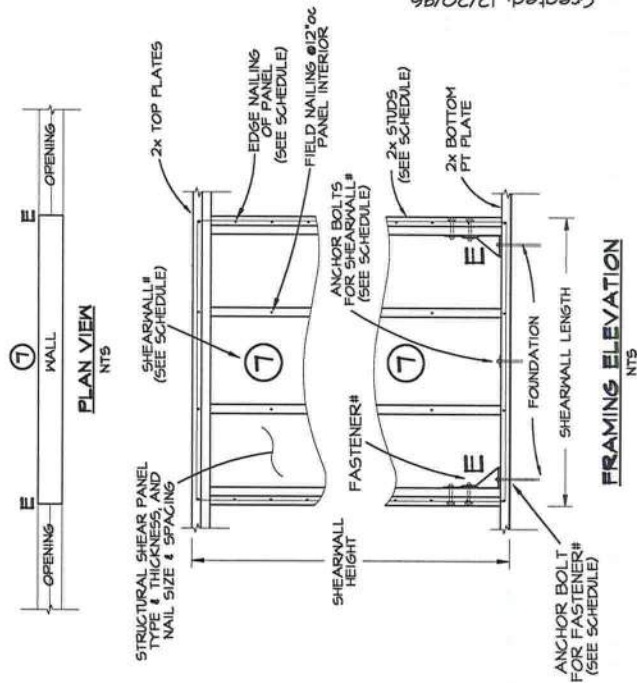
- 1. READ THE SAMPLE SHEARWALL LAYOUT BELOW. CHECK FASTENER SCHEDULE.
- 2. SELECT FASTENERS FROM SCHEDULE BASED ON THE CORRESPONDING LETTERS C & T.
- 3. CONTRACTOR TO THEN INSTALL HD2A HOLDOWN AND C516 STRAP AS PER ELEVATION BELOW.



EXAMPLE 2: SHEARWALL

INSTRUCTIONS:

- 1. READ THE SAMPLE SHEARWALL LAYOUT BELOW. CHECK SHEARWALL AND FASTENER SCHEDULE.
- 2. SELECT SHEARWALL & FASTENERS FROM SCHEDULES BASED ON DESIGNATED LETTERS/SYMBOLS.
- 3. CONTRACTOR TO THEN INSTALL HD5A HOLDOWN AS PER ELEVATION BELOW.



RON BARLOW, PE

***** SHEARWALL SCHEDULE *****
VALUES FOR SOUTHERN PINE (SYP) FRAMING

* REDUCED VALUES FOR SUBSTITUTION WITH SPRUCE-PINE-FIR (SPF).

SHEATHING (Sides)	SHEAR CAPACITY (plf)	EDGE NAILING	ANCHOR BOLTS
1/2" GYP. BD. (1) - INDOOR ONLY	100 (80)*	5d @7"oc	1/2" @12"oc
1/2" GYP. BD. (2) - INDOOR ONLY	200 (160)*	5d @7"oc	1/2" @32"oc or 3/8" @64"oc
1/2" GYP. BD. (1) - INDOOR ONLY	125 (100)*	5d @4"oc	1/2" @64"oc
1/2" GYP. BD. (2) - INDOOR ONLY	250 (200)*	5d @4"oc	1/2" @32"oc or 3/8" @56"oc
3/8" CDX (1) - INDOOR ONLY	220 (180)*	8d @6"oc	1/2" @32"oc or 3/8" @48"oc
3/8" CDX (2) - INDOOR ONLY	440 (360)*	8d @6"oc	3/8" @24"oc
1/2" CDX (1)	175 (140)*	8d @6"oc	1/2" @48"oc or 3/8" @64"oc
1/2" CDX (1)	260 (210)*	8d @6"oc	1/2" @32"oc or 3/8" @48"oc
1/2" CDX (1)	380 (310)*	8d @4"oc	1/2" @24"oc or 3/8" @32"oc
1/2" CDX (1)	440 (400)*	8d @3"oc	3/8" @24"oc
1/2" CDX (1)	600 (440)*	10d @3"oc	3/8" @24"oc
1/2" CDX (1)	770 (630)*	10d @2"oc	3/8" @16"oc
1/2" CDX (2)	920 (750)*	10d @4"oc	3/8" @16"oc

NOTE: FOR SW(1) & (2) - PROVIDE 3X's AT ADJOINING PANEL EDGES WITH NAILS STAGGERED.
FOR SW(3) - OFFSET PANEL JOINTS ON EACH SIDE OF WALL MINIMUM OF ONE STUD BAY.

***** FASTENER SCHEDULE *****
VALUES FOR SOUTHERN PINE (SYP) FRAMING

* REDUCED VALUES FOR SUBSTITUTION WITH SPRUCE-PINE-FIR (SPF).

TYPE	DESCRIPTION	UPLIFT	ADDITIONAL INFORMATION
A STUD TIE	H2.5	415 (365)*	FASTEN TO BOTTOM PLATE & STUD WITH (5) 8D EACH
B STUD TIE	SP4	735 (632)*	WRAP UNDER BOTTOM PLATE & NAIL (3) 10d EACH SIDE OF STUD
C HOLDOWN	LTT20B	1750 (1542)*	1/2" ANCHOR BOLT & (10) 16d NAILED TO (2) 2X OR 4X STUDS(5)
D HOLDOWN	HD2A	2775 (2525)*	3/8" ANCHOR BOLT & (2) 3/8" STUD BOLTS THRU (2) 2X STUDS
E HOLDOWN	HTT16	3480 (3167)*	3/8" ANCHOR BOLT & (18) 16d NAILED TO (2) 2X OR 4X STUDS(5)
F HOLDOWN	HD5A	3105 (3372)*	3/8" ANCHOR BOLT & (2) 3/8" STUD BOLTS THRU (2) 2X STUDS
G HOLDOWN	HTT22	5250 (4778)*	3/8" ANCHOR BOLT & (32) 16d NAILED TO (2) 2X OR 4X STUD
H HOLDOWN	HD6A	5510 (5014)*	1/2" ANCHOR BOLT & (2) 1/2" STUD BOLTS THRU (3) 2X STUDS
J HOLDOWN	HD8A	7410 (7248)*	1/2" ANCHOR BOLT & (2) 1/2" STUD BOLTS THRU (3) 2X STUDS
K HOLDOWN	HD10A	9400 (9004)*	1/2" ANCHOR BOLT & (4) 1/2" STUD BOLTS THRU (3) 2X STUDS
P POST ANCHOR	ABU44/46/66	2200	3/8" ANCHOR BOLT & (12) 16d NAILED TO 4x4/4x6/6x6 POST
Q FLAT STRAP**	MSTA12	760 (654)*	(10) 10d - TOTAL
R FLAT STRAP**	MSTA18	1065 (916)*	(14) 10d - TOTAL
S FLAT STRAP**	CS18	1270 (1156)*	(18) 10d - TOTAL
T FLAT STRAP**	CS16	1650 (1419)*	(22) 10d - TOTAL
V TWIST STRAP**	LTS12-20	775 (665)*	(12) 10d - TOTAL
W TWIST STRAP**	MTS12-20	1000 (860)*	(14) 10d - TOTAL

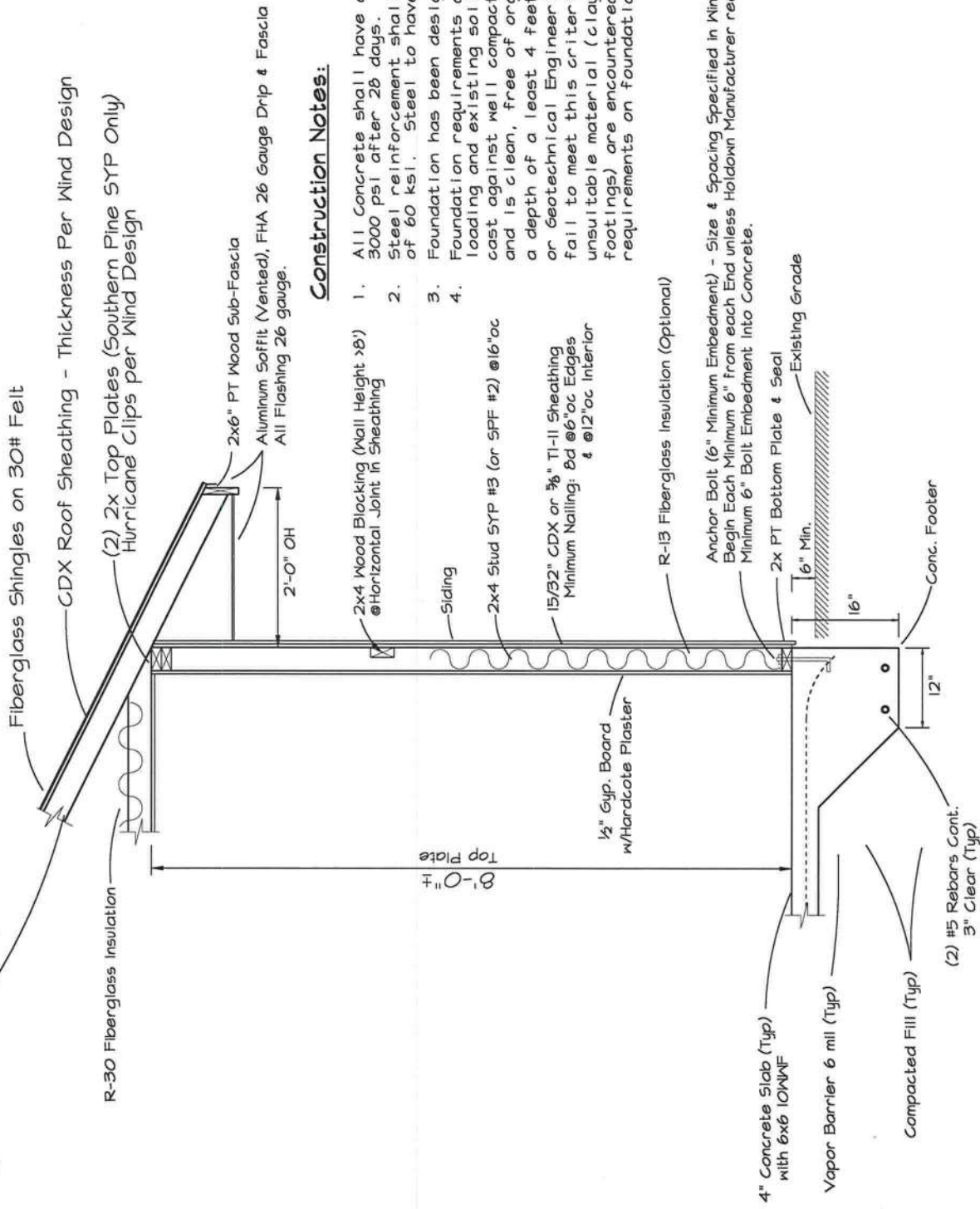
** STRAP(S) FOR FASTENING HEADERS & BEAMS TO STUD(S), COLUMNS & POSTS. USE ONLY (1) STRAP EACH SIDE OF STUD. FASTEN STRAP(S) AT EACH END USING THE GIVEN TOTAL OF NAILS DIVIDED BY TWO.

HOLDOWNS - INSTALLER CAN SUBSTITUTE HOLDOWNS USING ANY HIGHER CAPACITY ITEM IN SCHEDULE (A-K).
STRAPS - INSTALLER CAN SUBSTITUTE STRAP COMBINATIONS AT SAME OR HIGHER CAPACITY IN SCHEDULE (Q-W).

Note: All Fasteners are SIMPSON and shall be installed According to Manufacturer's Specifications and Recommendations. All Bolts are equal to or better than ASTM A307-Grade A. All Nails are Common Galvanized. Drywall Screws (1 1/4" Type W) can be substituted for 5d cooler nails.

Created: 09/19/94
Revised: 12/20/96

Fabricated Wood Trusses @24"oc
Designed & Manufactured per TPI-q5



Construction Notes:

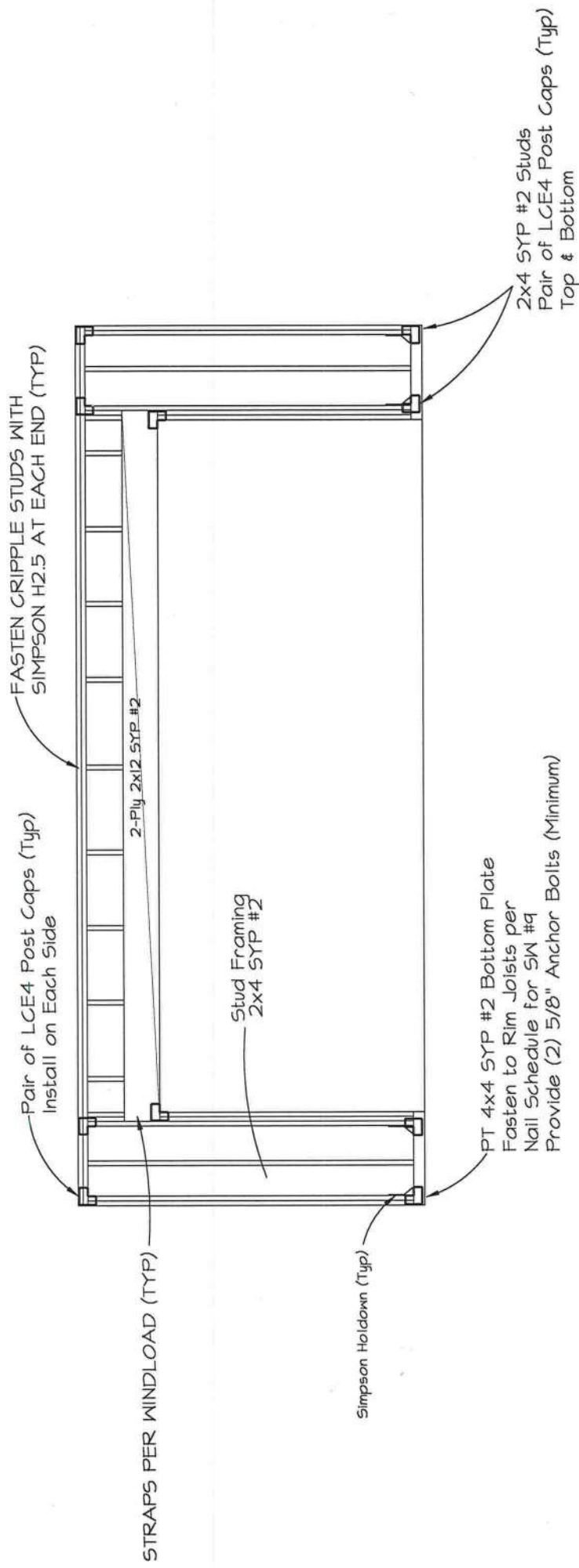
1. All concrete shall have a minimum compressive strength of 3000 psi after 28 days.
2. Steel reinforcement shall have a minimum yield strength of 60 ksi. Steel to have a minimum overlap of 25".
3. Foundation has been designed for a bearing capacity of 1500 psi.
4. Foundation requirements of structure may vary due to design loading and existing soil conditions. Foundations should be cast against well compacted soil having a minimum density of 90% and is clean, free of organics and well graded (A2-A3-A4) up to a depth of a least 4 feet below the footings. Notify Engineer or Geotechnical Engineering Services if existing soil conditions fail to meet this criteria and/or if wet soil conditions or unsuitable material (clay, muck, etc., - after 4 feet below the footings) are encountered. Also, verify design and construction requirements on foundation as required by Truss Manufacturer.

WOOD FRAME WALL SECTION W/MONOLITHIC SLAB

Nts

RON BARLOW, PE

Created: 7/1/98
Revised: 12/02/03



FRAMING DETAIL - GARAGE GABLE ENDWALL

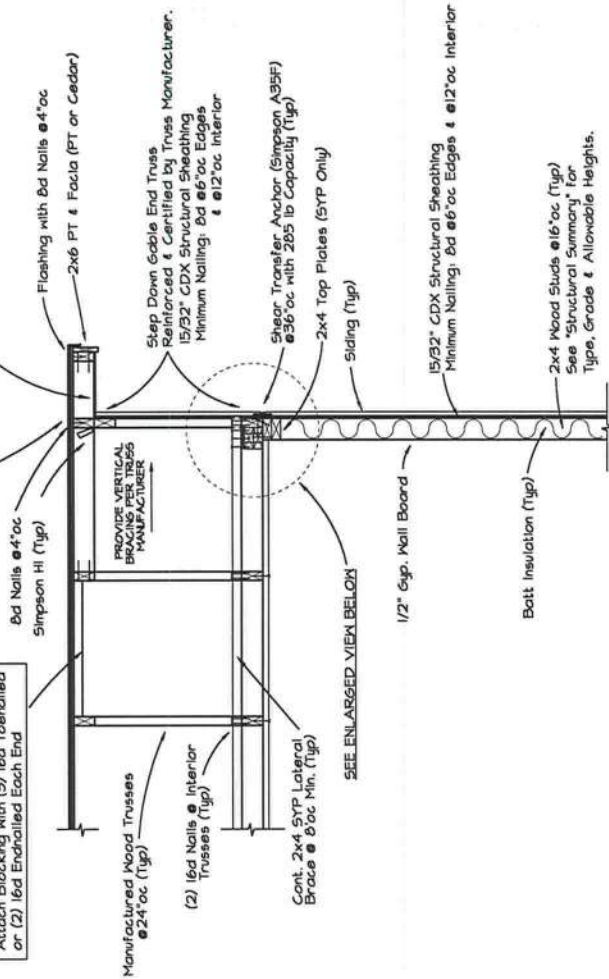
Nts

Created: 8/4/02
Revised: 7/1/05

2x4 Blocking between Ladders (Typ) - Resting on Truss Top Chord
- Facenail (2)16d Each thru Ladders & Toenail (4)16d into Top Chord.
- Fasten Simpson A35F to Truss Top Chord.

2x4 SYP Ladders @24"oc (Typ) - Resting on Truss Top Chord
- Facenail (2)16d Each thru Truss Top Chord & Facia.
- Fasten Simpson HI to Truss Top Chord.

2x4 SYP Blocking
Centered Beneath Sheathing Joint.
Attach Blocking with (3) 16d Toenailed
or (2) 16d Endnailed Each End



STEP DOWN GABLE

Nts

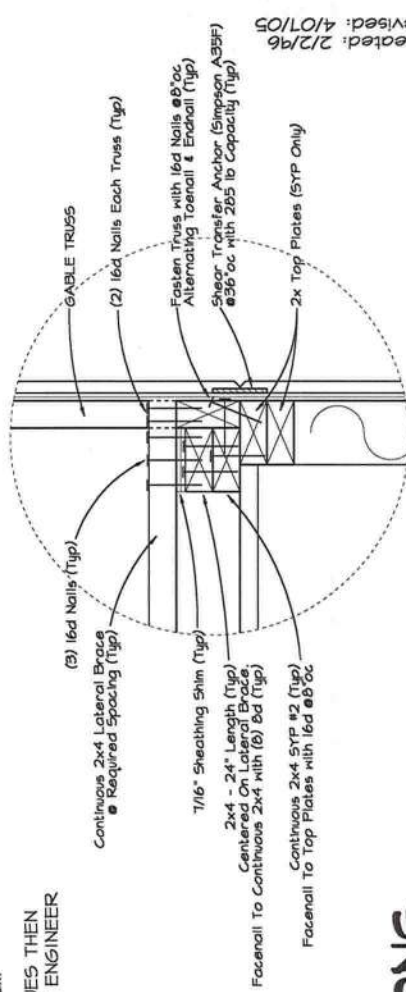
All Nails to be Common Nails (galvanized)

NOTE: IF MAXIMUM HEIGHT EXCEEDS THESE VALUES THEN
2x6 STUD FRAMING WILL BE REQUIRED. CONTACT ENGINEER

BALLOON FRAMING

Nts

All Nails to be Common Nails (galvanized)



GABLE END WALL OPTIONS

***** DETAIL INFORMATION IS FOR THIS PROJECT ONLY *****

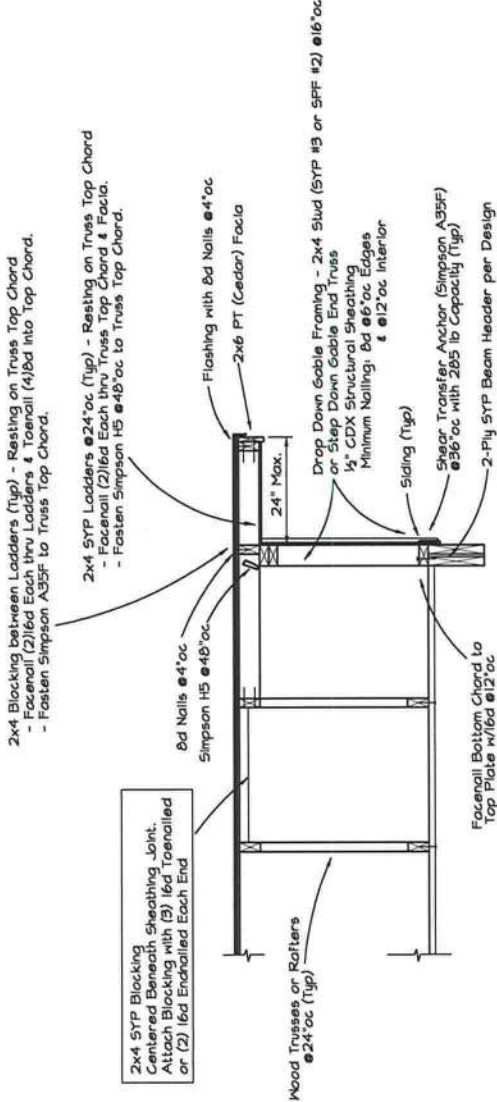
JOB #05053

Nts

ENLARGED VIEW

RON BARLOW, PE

Created: 2/2/96
Revised: 4/10/05



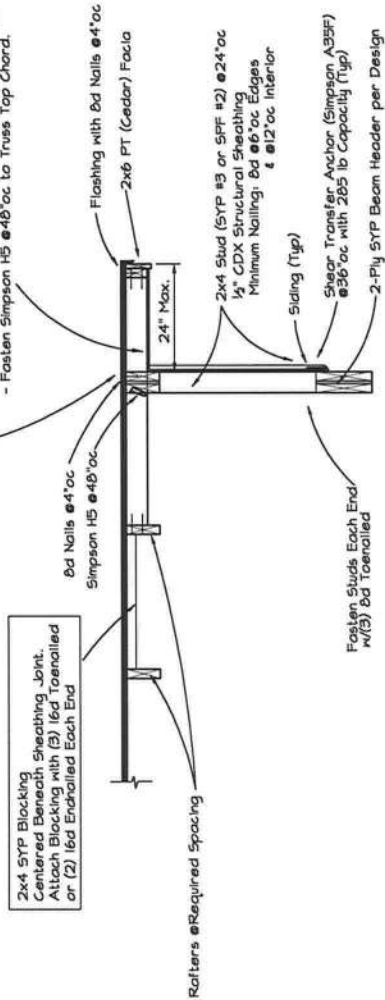
DROP DOWN GABLE

Maximum Overhang of 24"

Nts

2x4 Blocking between Ladders (Typ) - Resting on Truss Top Chord
- Facenail (2)16d Each thru Ladders & Toenail (4)8d into Top Chord.
- Fasten Simpson A35F to Truss Top Chord.

2x4 SYP Ladders @24"oc (Typ) - Resting on Truss Top Chord
- Facenail (2)16d Each thru Truss Top Chord & Facia.
- Fasten Simpson H5 @48"oc to Truss Top Chord.



NOTCHED END RAFTERS

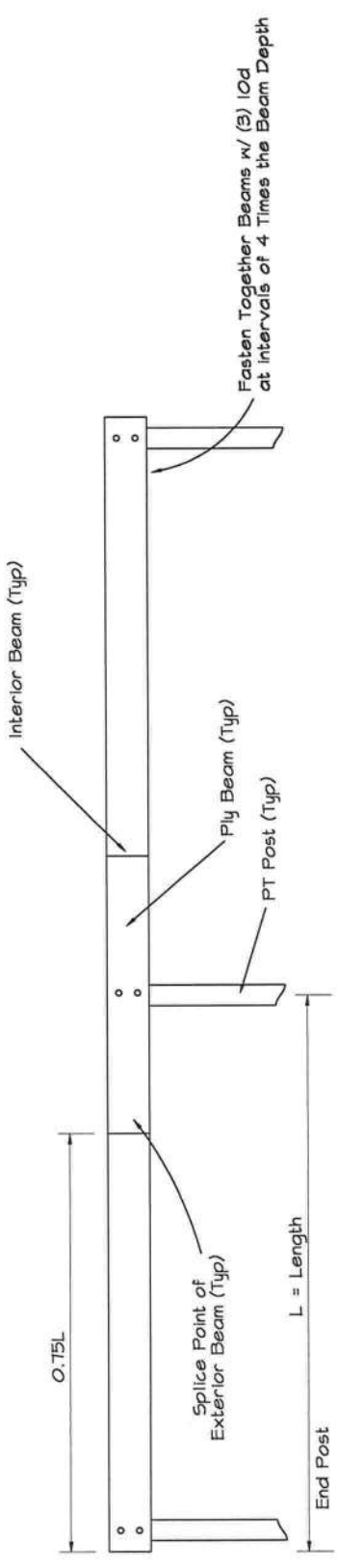
Maximum Overhang of 24"

Nts

LADDER CONSTRUCTION FOR DORMERS

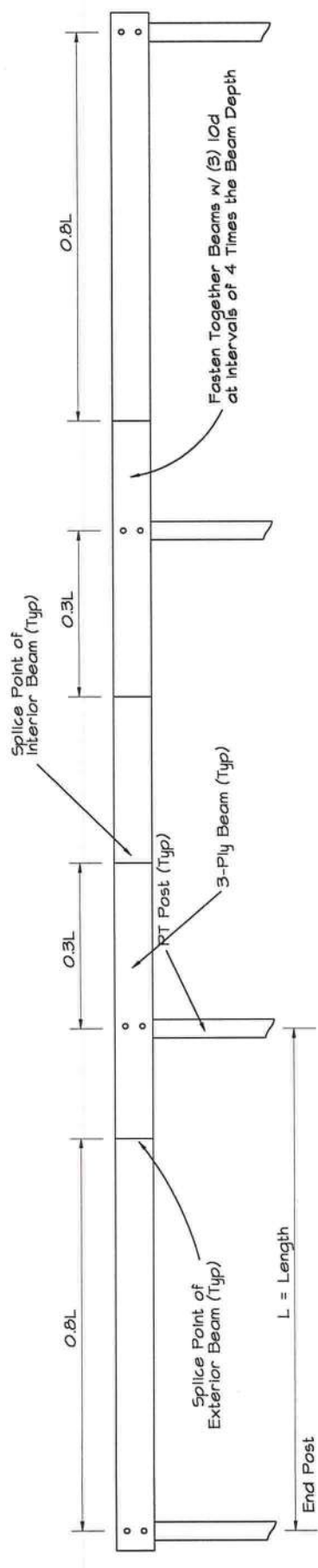
DETAIL INFORMATION IS FOR THIS PROJECT ONLY *****
All Nails to be Common Nails (galvanized)

OWNER MAY WISH TO LEAVE GABLE OPEN WITHOUT SHEATHING FOR MORE CIRCULATION. PT COLUMN WITH THEN BE REQUIRED TO SUPPORT RIDGE BEAM ABOVE HEADER. COLUMN WILL ALSO HAVE TO BE IMMEDIATELY BELOW HEADER TO FOUNDATION TO SUPPORT GIVEN ROOF LOADS. SEE FRAMING PLAN FOR DETAILS.



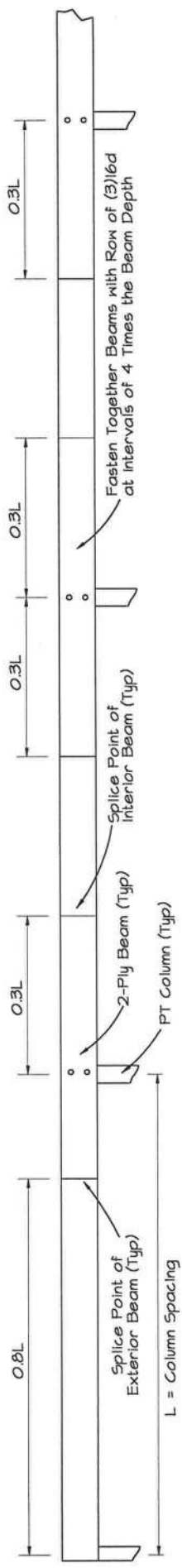
BEAM SPLICE DETAIL - 3 Columns

Nts



BEAM SPLICE DETAIL - 4 Columns

Nts

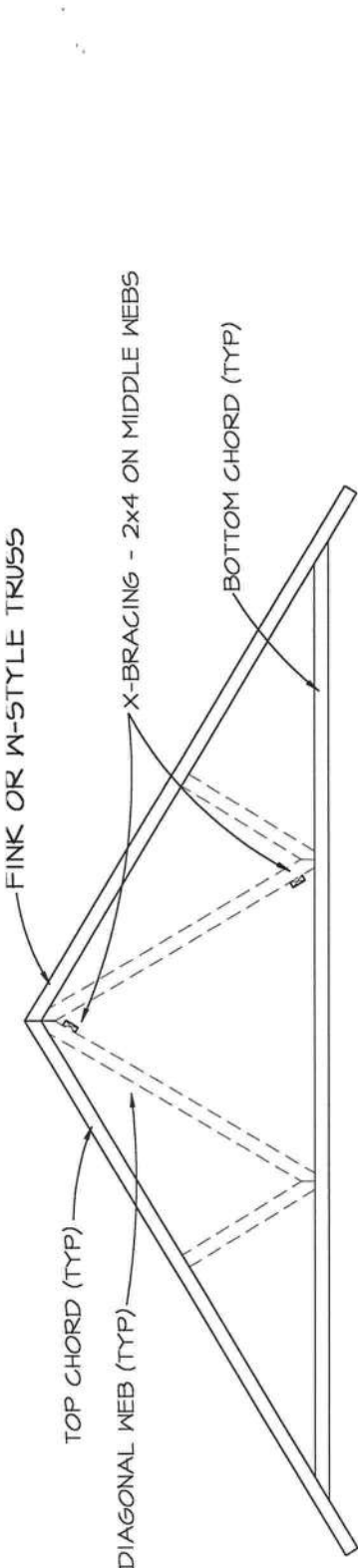


MULTI-PLY BEAM SPLICE - 4 or More Columns

Nts

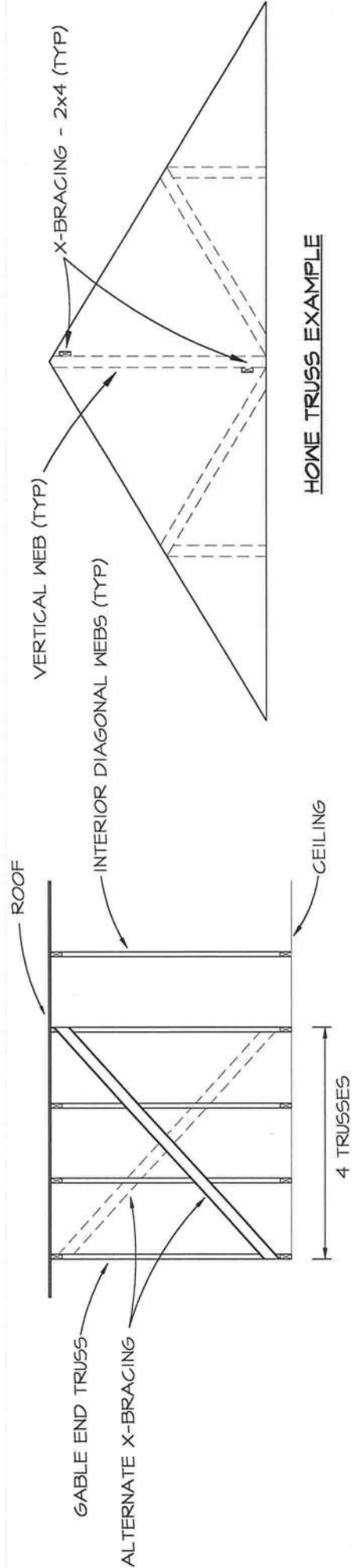
*** FOR THIS PROJECT ONLY ***

THESE FRAMING METHODS WILL REDUCE SIZE OF BEAMS. IF NOT USED, THEN NUMBER OF PLIES WILL INCREASE DUE TO SIMPLE SUPPORT. CONTACT ENGINEER IF DIFFERENT.



X-BRACING - 2x4 (TYP)
 DIAGONALS TO BE POSITIONED ON THE INSIDE FACE OF MIDDLE WEBS
 (4 TRUSSES) AND THEN FACENAILED WITH (2)16d AT EACH WEB LOCATION.

FRONT VIEW - FINK TRUSS



HOWE TRUSS EXAMPLE

SIDE VIEW - FINK TRUSS

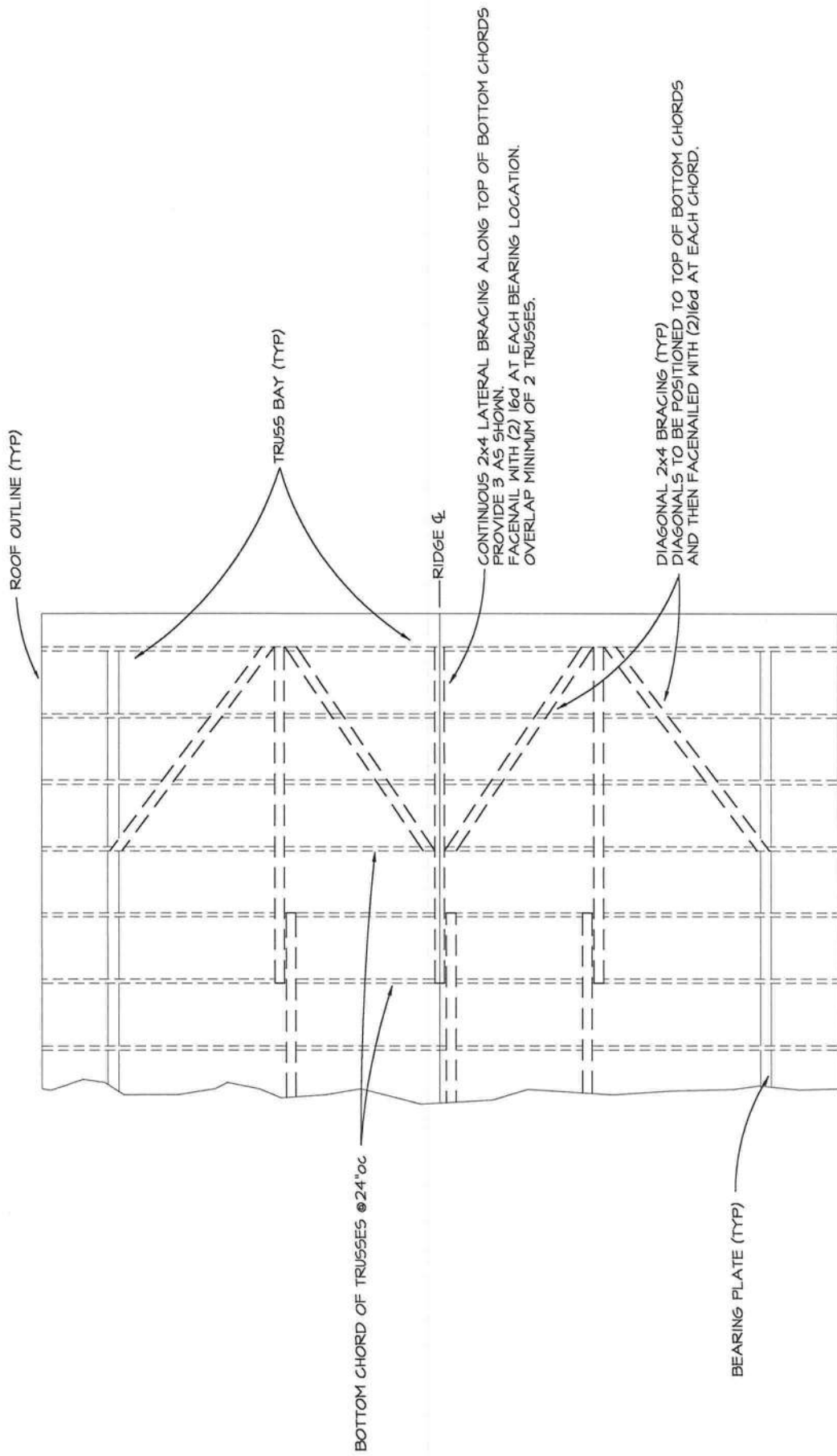
PERMANENT X- BRACING OF FINK TRUSSES @GABLE END

Nbs

***** DETAIL INFORMATION IS FOR THIS PROJECT ONLY *****

IF TRUSS IS HOWE STYLE, THEN NAIL X-BRACING ON OPPOSITE SIDE OF MIDDLE VERTICAL WEB AS SHOWN ABOVE.

The Contractor Shall Provide all Temporary and Permanent Bracing as Required for Safe Erection and Performance of the Trusses. The Guidelines Set Forth by the Truss Plate Institute Publication "HIB-q1, Commentary and Recommendations for Handling, Installing and Bracing Metal Plate Connected Wood Trusses" Shall be a Minimum Requirement.



PERMANENT TRUSS BRACING OF BOTTOM CHORDS

Nts

***** DETAIL INFORMATION IS FOR THIS PROJECT ONLY *****

**** PROVIDE DIAGONAL AND LATERAL BRACING OF BOTTOM CHORDS FOR EACH TRUSS BAY AS SHOWN ****

**** CONTINUOUS LATERAL BRACING NOT TO EXCEED 10'oc SPACING ****

The Contractor Shall Provide all Temporary and Permanent Bracing as Required for Safe Erection and Performance of the Trusses. The Guidelines Set Forth by the Truss Plate Institute Publication "HIB-q1, Commentary and Recommendations for Handling, Installing and Bracing Metal Plate Connected Wood Trusses" Shall be a Minimum Requirement.

Created: 5/11/96
Revised: 5/18/03

RON BARLOW, PE

INDIVIDUAL SHEATHING ATTACHED,
TO A MINIMUM OF 3 TRUSSES.

EDGE NAILING OF PANELS
SEE ZONE SCHEDULE

FIELD (INTERIOR)
NAILING OF PANELS
SEE ZONE SCHEDULE

8d NAILS @4"oc
ALONG GABLE END TRUSS

RIDGE CL

2x4 Cont. (Typ)

OVERHANG - SEE DETAILS
NOT TO EXCEED 24"

GABLE ROOF SHEATHING ATTACHMENT

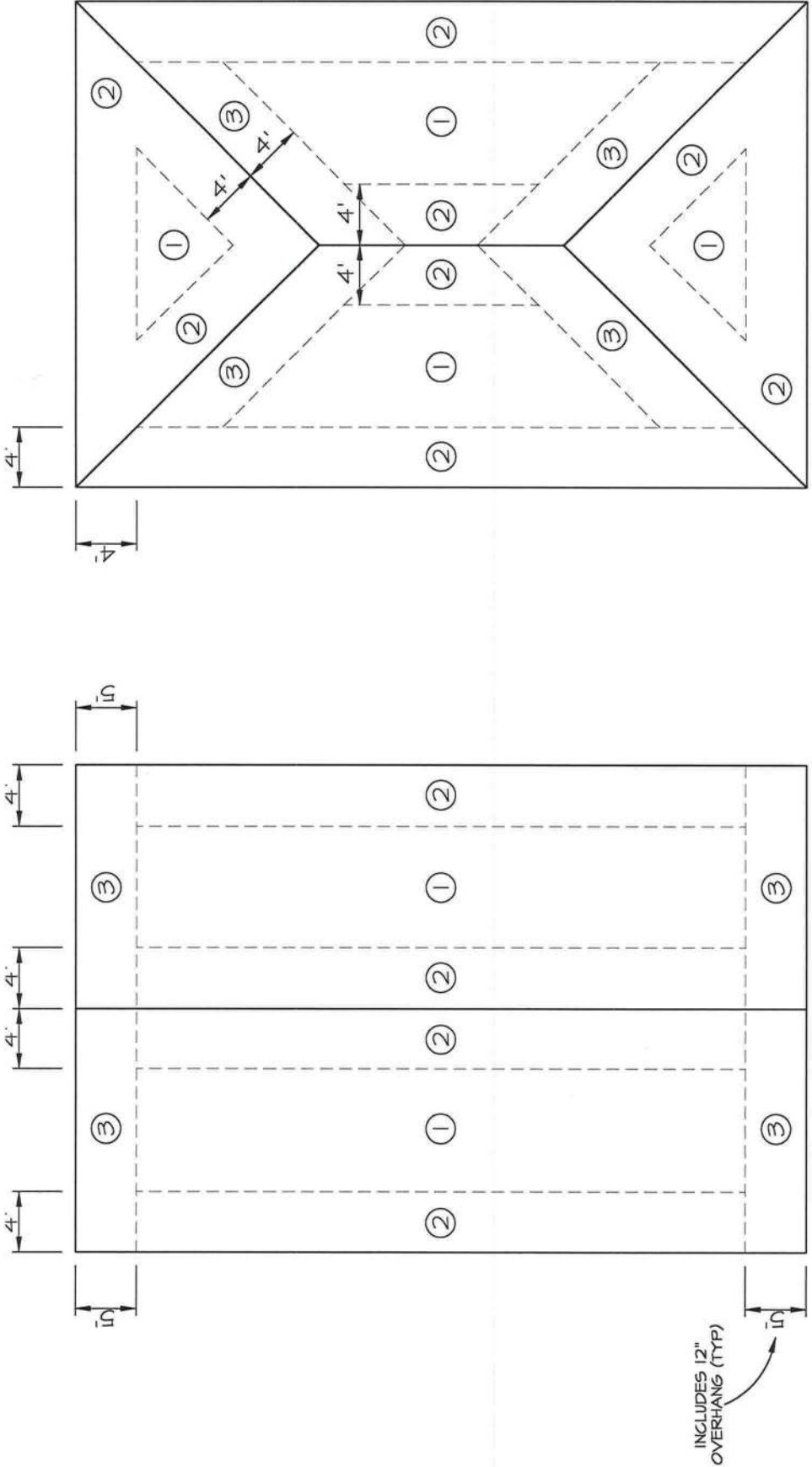
Nts

NOTES:

- 1. SEE DETAIL DRAWING OF "ROOF FASTENING ZONES FOR WIND UPLIFT"
FOR REQUIRED NAIL SIZE & SPACING REQUIREMENTS FOR GABLE & HIP
ROOF STYLES.

Created: 7/1/98
Revised: 4/08/05

RON BARLOW, PE



GABLE ROOF STYLE

HIP ROOF STYLE

ROOF FASTENING SCHEDULES FOR WIND UPLIFT

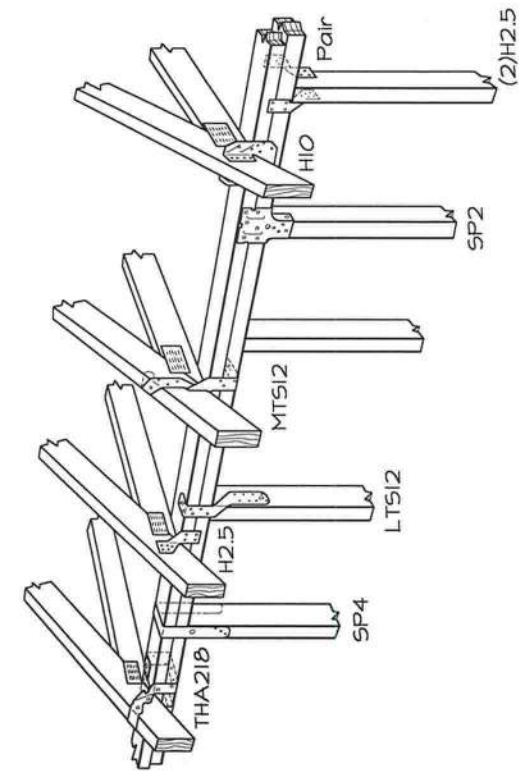
Nts

NOTES:

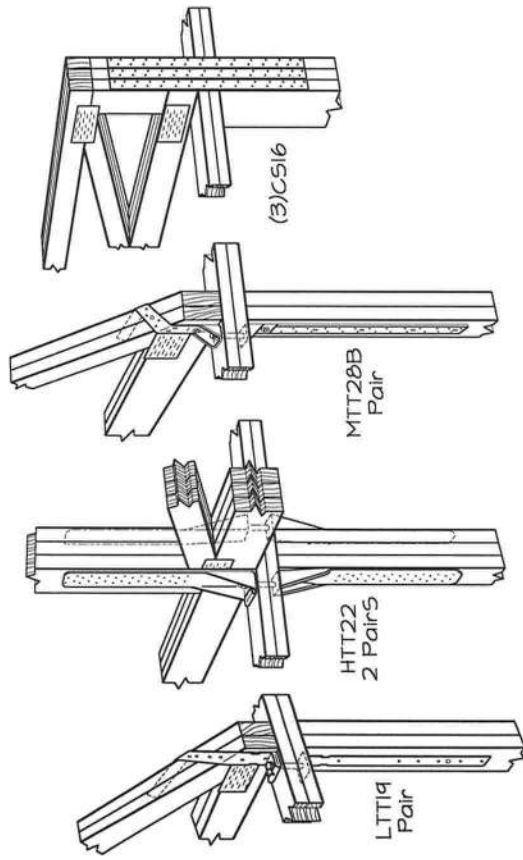
1. ALL NAILS TO BE COMMON.
2. USE 10d NAILS FOR THE ATTACHMENT OF 5/8" CDX ROOF SHEATHING.
3. ALL STRUCTURAL SHEATHING PANELS TO BE A MINIMUM THICKNESS OF 15/32" FOR A WINDSPEED OF 110 MPH OR LESS. USE 5/8" CDX FOR WIND SPEEDS OF 120 MPH OR GREATER UNLESS OTHERWISE INDICATED.
4. ZONES SHOWN ABOVE INDICATE AREAS OF THE ROOF WITH DIFFERENT FASTENING REQUIREMENTS, AND SHOULD NOT BE CONFUSED WITH ASCE 7 PRESSURE COEFFICIENT ZONES.

WIND SPEED	NAIL/PANEL LOCATION	ROOF FASTENING ZONE
		123
130 MPH OR MORE	10d EDGES 10d FIELD	664a6a
120 MPH	8d EDGES 8d FIELD	664b6b
110 MPH OR LESS	8d EDGES 8d FIELD	6646

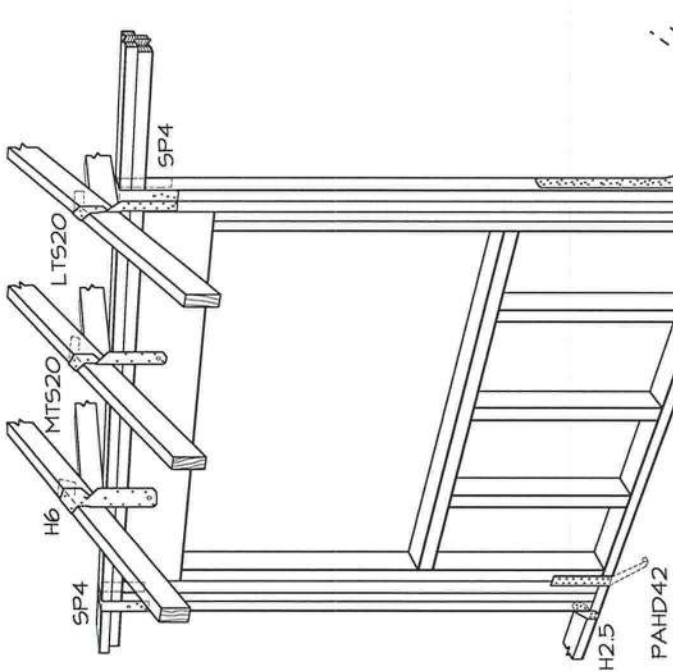
(a) USE 10d RING SHANK NAILS FOR MEAN ROOF HEIGHTS GREATER THAN 25'.
(b) USE 8d RING SHANK NAILS FOR MEAN ROOF HEIGHTS GREATER THAN 25'.



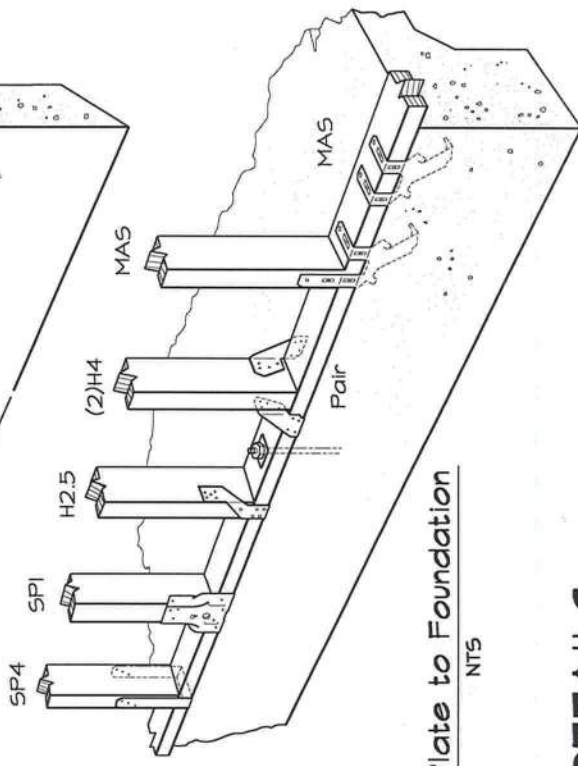
1 Truss/Rafter to Top Plate
NTS



2 Girder/Truss to Top Plate
NTS



3 Shearwall Connectors
NTS



4 Sill Plate to Foundation
NTS

SIMPSON FRAMING DETAILS

Note These Details are quick aid to help the Owner/Contractor recognize fasteners and their applications. Please refer to the current Simpson catalog "Wood Construction Connectors" for connector load values, installation, fastener schedulers and other important information.

PROJECT
New House
Ft. White, FL
Harvey Building Construction, Inc.
Skip Harvey

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	Elevation [ft]	Depth [in]	Height [ft]	Mass [lbs]	Shear [lbs]
Floor/Ceiling Wall					
Building Story					
Ceiling	11.67	10.0"			
Level 1	2.83	10.0"			
Foundation	2.00				
Totals:			8.00	37931	3501

[illegible]

Block:Block 2	12.42	North	Side	26.6	2.00	0
Location[ft] :	12.42	North	Side	26.6	2.00	0
Extent[ft] :	47.83	South	Side	26.6	2.00	0
Ridge Loc[ft] :	12.42	East	Gable	90.0	2.00	1229
Ridge Elev[ft] :	7.85	West	Gable	90.0	2.00	1229

[illegible]

BLOCK INFORMATION		1 Stories		Type		Slope		Overhang		Mass	
Block:Block 4											
Location [ft] :		43.75		North		Gable		90.0		1.00	
Extent [ft] :		10.75		South		Gable		90.0		0.00	
Ridge Loc [ft] :		43.75		East		Side		26.6		2.00	
Ridge Elev [ft] :		2.69		West		Side		26.6		2.00	

Wind Capacity Increase: Shear = 1.40; C/C Panels = 1.50; Withdrawal = 1.60
Wind Sheathing capacities are added together
Seismic: Use greater of strongest or twice weakest sheathing capacities.
Seismic Load Reduction Factor = 0.70
Shearwall Relative Rigidities based on Flexible Design
Holddown Forces based on Applied Force
Max Shearwall Offset: Plan = 4.00'; Height to Width Ratio = 11.00

MINIM: ASCE-7-98 General analytical method for all buildings
 BR OCCUPANCY: All users; ASCE Equivalent Category II
 Design wind speed: 110 mph; Enclosed building
 EISMIC: ASCE-7-98 Equivalent lateral force procedure
 Use Group I; Seismic Design Category D; Site profile class
 Spectral response accelerations $S_1 = 0.400g$, $S_s = 0.750g$
 Fundamental period T : T used = 0.110s; Approximate $T = 0$
 Reliability factor $\phi_o = 1.00$; Response modification factor

Notes:	Int	Ext	3	2	1	Grp Surf	Material Thickness	Or	Size Type	Edge Field	Blkg	Remting memores (in)	G Spacing	Notes
1 Ext	Structural I	5/16 Vert	8d Nail	6	12	yes	D.Fir-L	0.50	16					
Int	GYP WB 1-ply	1/2 Horiz	5d Nail	7	10	yes	D.Fir-L	0.50	16					
2 Ext	Structural I	3/8 Vert	8d Nail	6	12	yes	D.Fir-L	0.50	16					
Int	GYP WB 1-ply	1/2 Horiz	5d Nail	7	10	yes	D.Fir-L	0.50	16					
3 Ext	Structural I	? Vert	? Nail	? ?	? ?	yes	D.Fir-L	0.50	16					
Int	GYP WB 1-ply	? Horiz	? Nail	? ?	? ?	yes	D.Fir-L	0.50	16					

Notes:

SEISMIC LOADS				
Name	Building Lev	Profile	Location [ft]	Magnitude [lbs,plf,psf]
Block 3 N Gable-E	1	Line	10.04	20.08
Block 4 N Roof	1	Line	35.08	49.83
Block 4 E Roof	1	Line	42.75	51.17
Block 4 S Roof	1	Line	35.08	49.83
Block 4 W Roof	3	Line	42.75	51.17
Block 4 N Gable-W	1	Line	37.08	42.46
Block 4 N Gable-E	1	Line	42.46	47.83
Block 4 S Gable-E	1	Line	37.08	42.46
Block 4 S Gable-W	1	Line	42.46	47.83

WIND DESIGN				
Name	Building Lev	Profile	Location [ft]	Magnitude [lbs,plf,psf]
South 1	1	Line	-2.00	0.00
South 2	1	Point	0.00	0.00
South 3	1	Line	20.17	22.08
South 4	1	Line	20.17	22.08
South 5	1	Line	20.08	20.08
South 6	1	Point	20.08	20.08
South 7	1	Line	20.08	20.17
South 8	1	Line	20.17	22.08
South 9	1	Point	20.17	22.08
South 10	1	Line	22.08	22.17
South 11	1	Line	22.17	35.08
South 12	1	Line	35.08	37.08
South 13	1	Line	37.08	42.46
South 14	1	Point	37.08	37.08
South 15	1	Line	42.46	47.83
South 16	1	Point	47.83	47.83
South 17	1	Line	47.83	47.83
South 18	1	Line	47.83	49.83
South 19	1	Point	47.83	47.83
South 20	1	Line	49.83	49.83
West 1	1	Line	-2.00	0.00
West 2	1	Line	0.00	10.42
West 3	1	Point	0.00	0.00
West 4	1	Line	10.42	12.42
West 5	1	Line	12.42	14.42
West 6	1	Point	12.42	12.42
West 7	1	Line	14.42	28.08
West 8	1	Line	28.08	42.75
West 9	1	Line	42.75	43.75
West 10	1	Line	43.75	45.75
West 11	1	Point	43.75	43.75
West 12	1	Line	45.75	51.17
West 13	1	Line	51.17	51.50
West 14	1	Point	51.17	51.17
West 15	1	Point	51.50	51.50

FLEXIBLE DIAPHRAGM DESIGN

SHEAR RESULTS by SHEARLINE									
Line Lev	Wind	Total	Cumulative	Shear Force	Shear Capacity [plf]	Response	V/FHS/Tot	0.17	0.64
1	1	S->N	49.50	45.6	280.0	1.00	280.0	0.17	0.64
2	1	S->N	20.17	70.6	280.0	1.00	280.0	0.64	1.21*
3	1	N->S	7.42	2521	280.0	1.00	280.0	0.14	0.14
4	1	N->S	34.75	31.9	280.0	0.90	251.9	0.14	0.14
A	1	Both	3.17	929	392.0	0.42	165.4	1.77*	1.77*
B	1	Both	11.08	3808	392.0	0.54	212.5	1.62*	1.62*
D	1	Both	14.83	3567	280.0	0.55	154.4	1.56*	1.56*
* WARNING design capacity has been exceeded.									

SHEARWALL SEGMENTS									
Name	Lev	Type	Wall	Dimensions [ft]	Full Height Perf	Shear [lbs]	Opening [ft]	Capacity Width	Height
1-1	1	II	1	0.00	12.42	1.00	3477	8213	2.00
1-2	1	II	1	0.00	12.42	1.00	590	8213	2.00
Opening 1	1	II	1	33.17	35.17	1.00	368	2170	2.00
1-3	1	II	1	0.00	43.75	1.00	368	2170	2.00
2-1	1	II	1	20.17	0.00	1.00	2238	3477	4.00
2-2	1	II	1	20.08	43.75	1.00	1397	2170	4.00
3-1	1	II	1	37.08	43.75	1.00	2521	2077	5.00
4-1	1	II	1	47.83	43.75	0.90	973	6884	5.00
Opening 1	1	II	1	28.42	32.42	0.90	973	6884	5.00

SHRWARWALL SEGMENTS		Name Lev Type Wall		Dimensions [ft]		Full Height Perf		Shear [lbs]		Opening Width Height	
1-1	1	II	1	0.00	0.00	12.42	12.42	1.00	1095	3477	
1-2	1	II	1	0.00	12.42	43.75	29.33	1.00	2588	8213	
Opening 1											
1-3	1	II	1	0.00	43.75	51.50	7.75	1.00	684	2170	
2-1	1	II	1	20.17	0.00	12.42	12.42	1.00	1109	3477	
2-2	1	II	1	20.08	43.75	51.50	7.75	1.00	692	2170	
3-1	1	II	1	37.08	43.75	51.17	7.42	1.00	781	2077	
4-1	1	II	1	47.83	12.42	43.75	27.33	0.90	2908	6884	
Opening 1											
4-2	1	II	1	47.83	28.42	32.42	7.42	1.00	789	2077	4.00 5.00
A-1	1	II	1	0.00	0.00	20.17	3.17	0.42	772	524	

* WARNING design capacity has been exceeded.

SHEARWALL SEGMENTS												DRAGSTRUT AND HOLDDOWN FORCES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Name Lev Type Wall				Group Location Start				Dimensions [ft]				Full Height Perf				Shear [lbs]				Opening [ft]				Dragstrut																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1-1	1	II	1	0.00	0.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.42	12.42	1.00	12.4

SHEAR RESULTS BY SHEARLINE			
Line Lev Wall	Total	FHS	49.50
Grp. Dir.	1	1	1
Cumulative Shear Force	22.6	23.5	23.5
Shear Capacity [plf]	200.0	200.0	200.0
Inter Ext	1.00	200.0	200.0
Response	0.12		

RIGID DIAPHRAGM DESIGN

Line	Lev	Wall	Wind	Total	FHS	V[lbs]	Unit V/FHS	Shear Force	Shear Capacity	Inter	Exter	Perf	Total	V/FHS	Tot	Response
1	1	1	1	49.60	1161	22.6	23.5	200.0	1.00	200.0	1.00	200.0	200.0	0.12		
2	1	1	1	20.17	453	8.8	22.5	200.0	1.00	200.0	1.00	200.0	200.0	0.11		
3	1	1	1	7.42	190	4.9	25.6	200.0	1.00	200.0	1.00	200.0	200.0	0.13		
4	1	1	1	34.75	881	22.7	25.4	200.0	0.90	179.9	0.90	179.9	200.0	0.14		
A	1	1	1	3.17	195	9.7	61.7	200.0	0.42	84.4	0.42	84.4	200.0	0.73		
B	1	1	1	11.08	843	17.6	76.1	200.0	0.54	108.4	0.54	108.4	200.0	0.70		
D	1	1	1	14.83	1458	30.5	98.3	200.0	0.55	110.3	0.55	110.3	200.0	0.89		

SHEARWALL SEGMENTS									
Name	Lev	Type	Wall	Dimensions [ft]	End	Sheathing Factor	Full Height Perf	Shear [lbs]	Opening [ft]
1-1	1	II	1	0.00	0.00	12.42	1.00	291	2483
1-2	1	II	1	0.00	12.42	43.75	1.00	688	5867
Opening 1				33.17	35.17				
1-3	1	II	1	0.00	43.75	51.50	1.00	182	1550
2-1	1	II	1	20.17	0.00	12.42	1.00	279	2483
2-2	1	II	1	20.08	43.75	7.75	1.00	174	1550
3-1	1	II	1	37.08	43.75	51.17	1.00	190	1483
4-1	1	II	1	47.83	12.42	43.75	0.90	693	4917
Opening 1				28.42	32.42				
4-2	1	II	1	47.83	43.75	51.17	1.00	188	1483
A-1	1	II	1	0.00	20.17	3.17	0.42	195	267
Opening 1				2.08	19.08				
B-1	1	II	1	12.42	20.17	47.83	0.54	843	1201
Opening 1				20.17	24.75				
Opening 2				29.17	35.17				
Opening 3				39.42	45.42				
D-1	1	II	1	51.50	0.00	20.08	0.79	1384	2233
Opening 1				5.83	11.83				
D-2	1	II	1	51.17	37.08	47.83	0.55	74	83
Opening 1				37.08	47.83				
DRAGSTRUT AND HOLDDOWN FORCES									
Level Location [ft]				X		Y			
				Wall		or Opening			
				Position on Wall		Holddown Force [lbs]			
						Dragstrut Force [lbs]			
1	1	1	1	0.00	0.00	1-1	Left	188	188
1	1	1	1	12.42	1-1	Left	Wall End	375	375
1	1	1	1	43.75	1-1	Left	Wall End	375	375
1	1	1	1	51.50	1-1	Left	Wall End	188	188
1	1	1	1	0.00	1-2	Left	Opening 1		
1	1	1	1	33.17	1-2	Left	Opening 1		
1	1	1	1	35.17	1-2	Right	Opening 1		
1	1	1	1	0.00	2-2	Left	Wall End	180	180
1	1	1	1	12.42	2-2	Left	Wall End	180	180
1	1	1	1	43.75	2-2	Left	Wall End	180	180
1	1	1	1	51.50	2-2	Left	Wall End	180	180
1	1	1	1	12.42	2-1	Right	Wall End	180	180
1	1	1	1	43.75	3-1	Left	Wall End	204	204
1	1	1	1	51.17	3-1	Left	Wall End	204	204
1	1	1	1	12.42	4-1	Right	Opening 1	203	203
1	1	1	1	43.75	4-1	Right	Opening 1	406	406
1	1	1	1	51.17	4-1	Right	Opening 1	203	203
1	1	1	1	28.42	4-1	Left	Opening 1	203	203
1	1	1	1	32.42	4-1	Right	Opening 1	494	494
1	1	1	1	0.00	A-1	Right	Opening 1	494	494
1	1	1	1	0.00	A-1	Right	Opening 1		
1	1	1	1	20.17	A-1	Right	Opening 1		
1	1	1	1	2.08	A-1	Left	Opening 1		
1	1	1	1	19.08	A-1	Right	Opening 1		
1	1	1	1	24.75	B-1	Right	Opening 3	609	609
1	1	1	1	47.83	B-1	Right	Opening 2	609	609
1	1	1	1	12.42	B-1	Left	Opening 2		
1	1	1	1	35.17	B-1	Right	Opening 2		
1	1	1	1	39.42	B-1	Left	Opening 3		
1	1	1	1	45.42	B-1	Right	Opening 3		
1	1	1	1	0.00	D-1	Right	Opening 1	1545	1545
1	1	1	1	51.50	D-1	Right	Opening 1	1545	1545
1	1	1	1	20.08	D-1	Right	Opening 1		
1	1	1	1	0.00	D-2	Left	Wall End	786	786
1	1	1	1	20.08	D-2	Left	Wall End	786	786
1	1	1	1	47.08	D-2	Left	Wall End	786	786
1	1	1	1	51.17	D-2	Left	Wall End	786	786
1	1	1	1	5.83	D-1	Left	Wall End		
1	1	1	1	11.83	D-1	Right	Opening 1		

WIND UPLIFT CALCULATIONS

(BASED ON FLORIDA BUILDING CODE (FBC) 2001 - SECTION 1606)

Table 1606.2B GCp Coefficients

	End Zone		Interior Zone	
	End Zone		Interior Zone	
WINDWARD	Wall (5E)	0.5	Wall (5)	0.25
	Roof (2E)	-1.4	Roof (2)	-1
	Overhang	-1.5	Overhang	-1.5
LEEWARD	Roof (3E)	-0.8	Roof (3)	-0.65
	Wall (6E)	-0.7	Wall (6)	-0.55
	Overhang	-0.8	Overhang	-0.65

Design Data

FBC Wind Speed, (mph)	110
Wind Pressure (psf)	24.73
Roof Height (ft)	13.1
Mean Roof Height (ft)	15.0
End Zone (ft)	6
Roof Pitch, s/12	6
Bent Spacing (ft)	2
Roof Dead Load (psf)	10
Wall Dead Load (psf)	0
Floor Dead Load (psf)	0

Building Dimensions (ft)

	Width	Eave Height	Overhang
Windward	10.1	8	2
Leeward	10.1	8	2

WIND PRESSURES (psf)				WIND LOADS (pf)				FRAME LOADING				
End Zone		Interior Zone		End Zone		Interior Zone		End Zone		Interior Zone		
								Forces (lb)	Moments (ft-lb)	Forces (lb)	Moments (ft-lb)	
Wall (1E)	12.3640368	Wall (1)	6.18201839	Wall (1E)	24.7280736	Wall (1)	12.3640368	Wall (1) - X dir	197.82	791.30	98.91	395.65
Roof (2E)	34.619303	Roof (2)	24.7280736	Roof (2E)	69.238606	Roof (2)	49.4561471	Roof (2) - X dir	349.65	3680.12	249.75	2628.66
Overhang	74.1842207	Overhang	74.1842207	Overhang	148.368441	Overhang	148.368441	Roof (2) - Y dir	699.31	10594.55	499.51	7567.53
Roof (3E)	19.7824588	Roof (3)	16.0732478	Roof (3E)	39.5649177	Roof (3)	32.1464956	Wall (4) - X dir	276.95	1107.82	217.61	870.43
Wall (4E)	17.3096515	Wall (4)	13.6004405	Wall (4E)	34.619303	Wall (4)	27.2008809	Roof (3) - X dir	199.80	2102.92	162.34	1708.63
Overhang	39.5649177	Overhang	32.1464956	Overhang	79.1298354	Overhang	64.2929913	Roof (3) - Y dir	399.61	2018.01	324.68	1639.63

CALCULATION RESULTS:

1) Uplift (lb) at Truss/Rafter Connection

End Zone

593

Interior Zone

432

WIND UPLIFT CALCULATIONS

(BASED ON FLORIDA BUILDING CODE (FBC) 2001 - SECTION 1606)

Table 1606.2B GCP Coefficients

	End Zone		Interior Zone	
	End Zone		Interior Zone	
WINDWARD	Wall (5E)	0.5	Wall (5)	0.25
	Roof (2E)	-1.4	Roof (2)	-1
	Overhang	-1.5	Overhang	-1.5
LEEWARD	Roof (3E)	-0.8	Roof (3)	-0.65
	Wall (6E)	-0.7	Wall (6)	-0.55
	Overhang	-0.8	Overhang	-0.65

Design Data	
FBC Wind Speed, (mph)	110
Wind Pressure (psf)	24.73
Roof Height (ft)	15.9
Mean Roof Height (ft)	15.0
End Zone (ft)	6
Roof Pitch, s/12	6
Bent Spacing (ft)	2
Roof Dead Load (psf)	10
Wall Dead Load (psf)	0
Floor Dead Load (psf)	0

Building Dimensions (ft)			
	Width	Eave Height	Overhang
Windward	15.7	8	2
Leeward	15.7	8	2

WIND PRESSURES (psf)				WIND LOADS (pf)				FRAME LOADING				
End Zone		Interior Zone		End Zone		Interior Zone		End Zone		Interior Zone		
						Forces (lb)	Moments (ft-lb)	Forces (lb)	Moments (ft-lb)			
Wall (1E)	12.3640368	Wall (1)	6.18201839	Wall (1E)	24.7280736	Wall (1)	12.3640368	Wall (1) - X dir	197.82	791.30	98.91	395.65
Roof (2E)	34.619303	Roof (2)	24.7280736	Roof (2E)	69.238606	Roof (2)	49.4561471	Roof (2) - X dir	543.52	6481.51	388.23	4629.65
Overhang	74.1842207	Overhang	74.1842207	Overhang	148.368441	Overhang	148.368441	Roof (2) - Y dir	1087.05	25599.94	776.46	18285.67
Roof (3E)	19.7824588	Roof (3)	16.0732478	Roof (3E)	39.5649177	Roof (3)	32.1464956	Wall (4) - X dir	276.95	1107.82	217.61	870.43
Wall (4E)	17.3096515	Wall (4)	13.6004405	Wall (4E)	34.619303	Wall (4)	27.2008809	Roof (3) - X dir	310.58	3703.72	252.35	3009.27
Overhang	39.5649177	Overhang	32.1464956	Overhang	79.1298354	Overhang	64.2929913	Roof (3) - Y dir	621.17	4876.18	504.70	3961.89

CALCULATION RESULTS:

1) Uplift (lb) at Truss/Rafter Connection

End Zone

854

Interior Zone

604

Florida Building codes

2/01/05

Simpson strongtie

ABU44 FLA7421

H2.5A FL503.5

SPH4 FL538

H10 FLA74.109

MSTA24 FL1901.57

Primed Hardi Board & Unprimed Cement

FL889

#15 & #30 Felt

FL

#15 ASTM D4869

#30 ASTM D4869



RE: HBSPEC2 -

Mitek Industries, Inc.
1801 Massaro Blvd.
Tampa, FL 33619
Phone: 813/675-1200
Fax: 813/675-1148

Site Information:
Project Customer: Project Name:
Lot/Block: Address:
City: State:
Name Address and License # of Structural Engineer of Record, if there is one, for the building.
License #: State:

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

Design Code: FBC2001/TP12002
Wind Code: ASCE 7-98 Wind Speed: 110 mph
Roof Load: 40.0 psf
Floor Load: N/A psf
Design Program: MiTek 20/20 6.2
Design Method: Main Wind Force Resisting System ASCE 7-9
This package includes 17 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#	Job ID#	Truss Name	Date
1	T1603944	HBSPEC2	A1	6/20/05
2	T1603945	HBSPEC2	A2	6/20/05
3	T1603946	HBSPEC2	A3	6/20/05
4	T1603947	HBSPEC2	A4	6/20/05
5	T1603948	HBSPEC2	A5	6/20/05
6	T1603949	HBSPEC2	A6	6/20/05
7	T1603950	HBSPEC2	A7	6/20/05
8	T1603951	HBSPEC2	A8	6/20/05
9	T1603952	HBSPEC2	AET1	6/20/05
10	T1603953	HBSPEC2	AET2	6/20/05
11	T1603954	HBSPEC2	B1	6/20/05
12	T1603955	HBSPEC2	B2	6/20/05
13	T1603956	HBSPEC2	BET	6/20/05
14	T1603957	HBSPEC2	BGT	6/20/05
15	T1603958	HBSPEC2	C1	6/20/05
16	T1603959	HBSPEC2	CET	6/20/05
17	T1603960	HBSPEC2	CGT	6/20/05

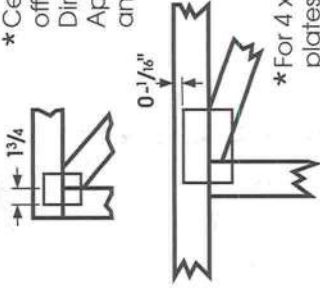
The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Santa Fe Truss.
Truss Design Engineer's Name: Zhang, Guo-jie
My license renewal date for the state of is February 28, 2007.

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/TP1-1995 Sec. 2.

Symbols

PLATE LOCATION AND ORIENTATION

- * Center plate on joint unless x,y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



- * For 4 x 2 orientation, locate plates 0 - 1/16" from outside edge of truss.

- * This symbol indicates the required direction of slots in connector plates.



- * Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

4 x 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

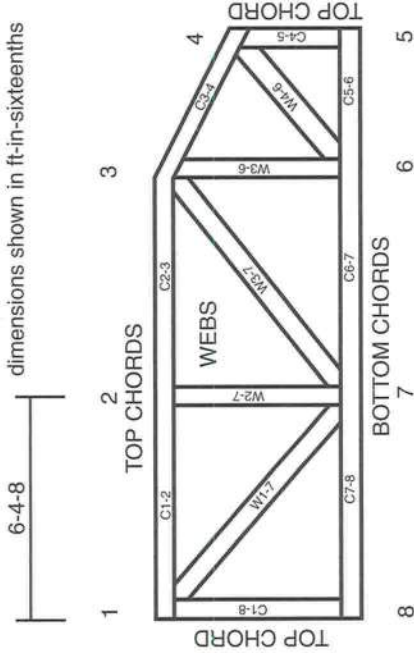


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

- ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
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Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

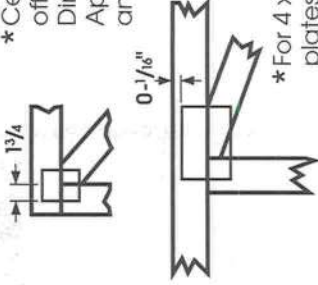
Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
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12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

Symbols

PLATE LOCATION AND ORIENTATION

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PLATE SIZE

4 x 4

- The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



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BEARING

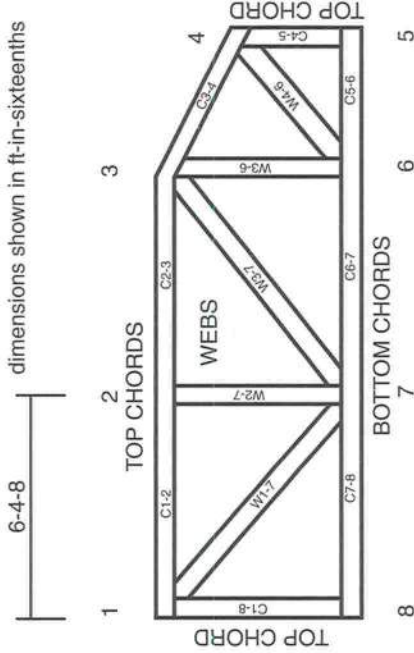


- Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

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SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

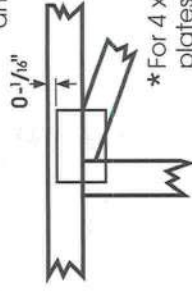
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Symbols

PLATE LOCATION AND ORIENTATION

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Dimensions are in ft-in-sixteenths.
Apply plates to both sides of truss and securely seat.



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- * Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

4 x 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



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BEARING

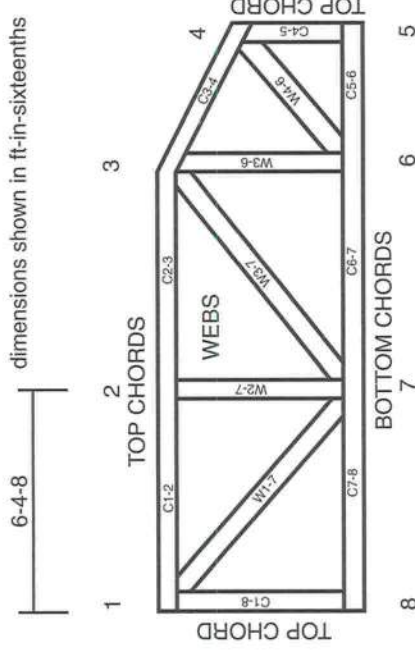


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

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ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

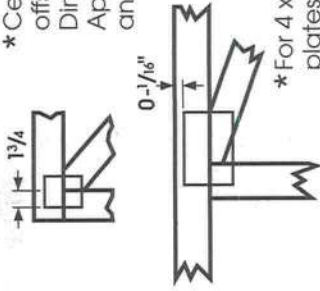
Failure to Follow Could Cause Property Damage or Personal Injury

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Symbols

PLATE LOCATION AND ORIENTATION

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- * Plate location details available in Mitek 20/20 software or upon request.

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4 x 4

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LATERAL BRACING



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BEARING

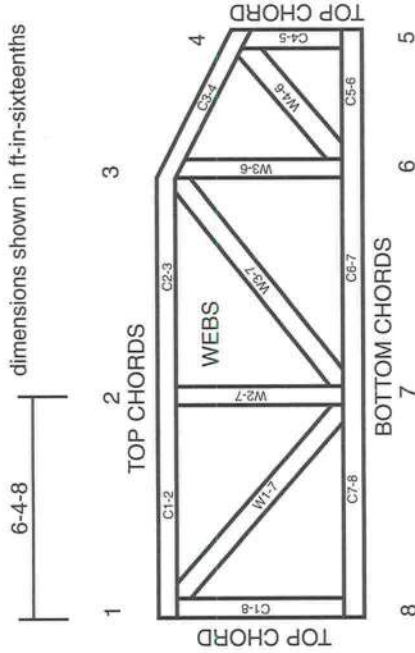


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

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BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

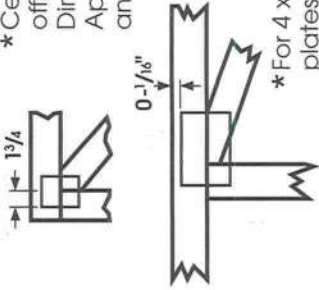
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Symbols

PLATE LOCATION AND ORIENTATION

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4 x 4

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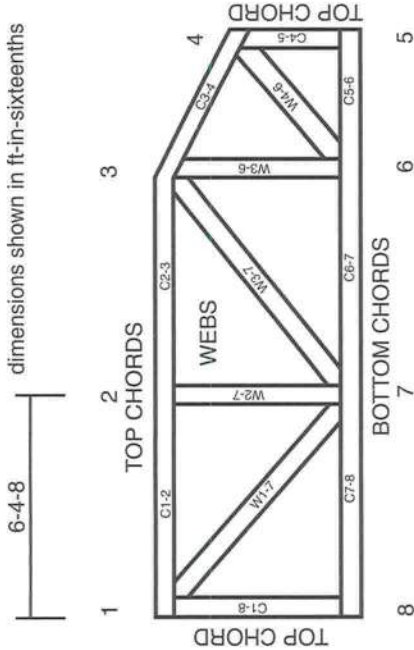


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CONNECTOR PLATE CODE APPROVALS

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ICBO	4922, 5243, 5363, 3907
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General Safety Notes

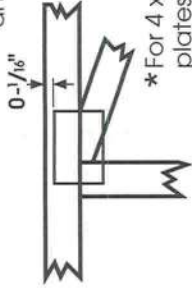
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Symbols

PLATE LOCATION AND ORIENTATION

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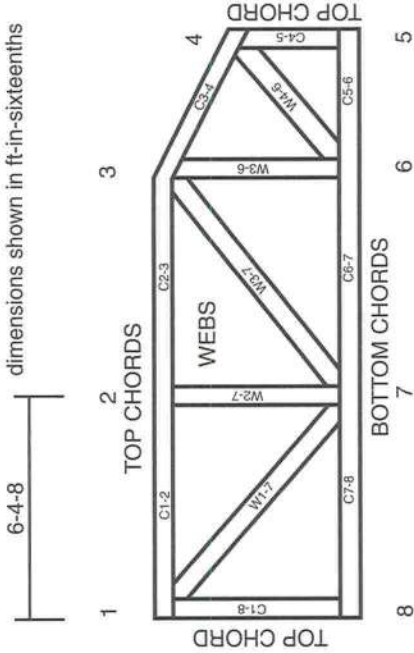


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General Safety Notes

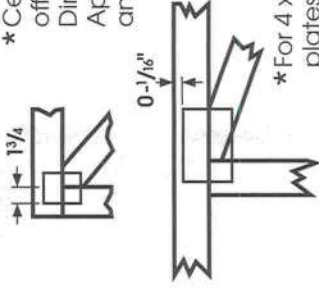
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Symbols

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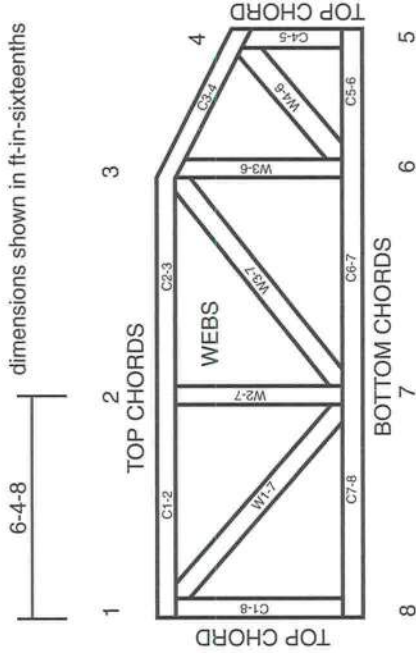


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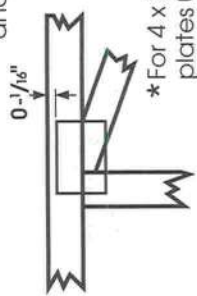
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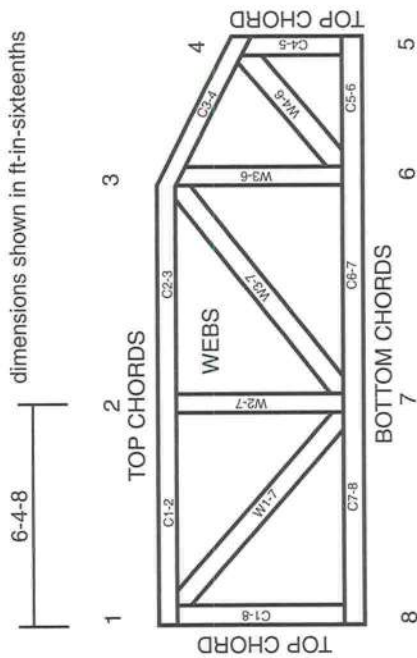


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BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

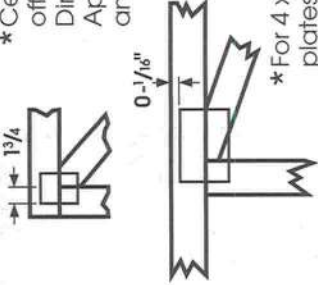
Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing shown on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of a professional engineer.
- Install and load vertically unless indicated otherwise.

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless x,y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



* For 4 x 2 orientation, locate plates 0 - 1/16" from outside edge of truss.

== * This symbol indicates the required direction of slots in connector plates.

* Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

4 x 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

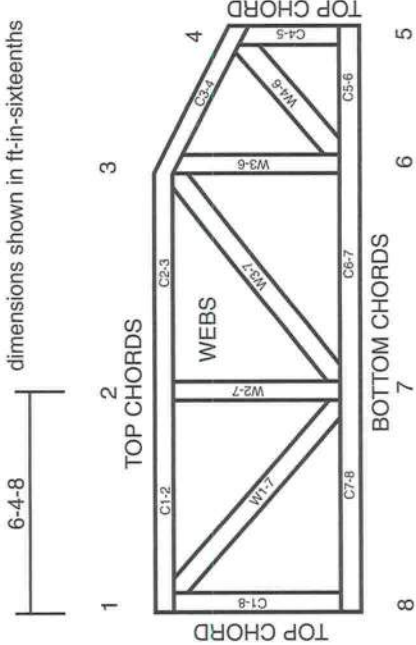


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

- ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
- BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

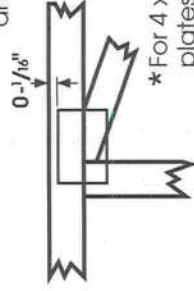
Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing shown on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of a professional engineer.
- Install and load vertically unless indicated otherwise.

Symbols

PLATE LOCATION AND ORIENTATION

- * Center plate on joint unless x,y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



- * For 4 x 2 orientation, locate plates 0 - 1/16" from outside edge of truss.

- * This symbol indicates the required direction of slots in connector plates.

- * Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

4 x 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

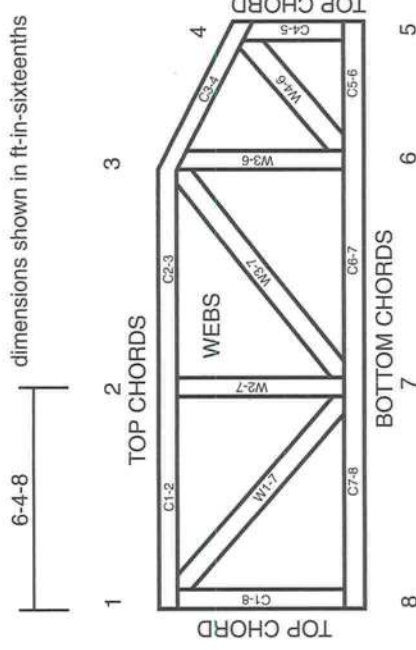


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

- ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
- BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

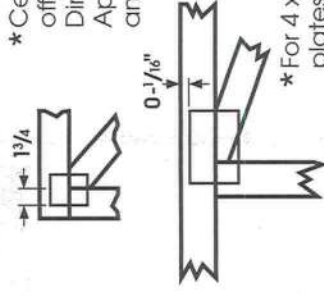
Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
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10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

⚠️ General Safety Notes

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless x,y offsets are indicated.
Dimensions are in ft-in-sixteenths.
Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 0 - 1/16" from outside edge of truss.

* This symbol indicates the required direction of slots in connector plates.

* Plate location details available in MiTek 20/20 software or upon request.

PLATE SIZE

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

4x4

LATERAL BRACING

Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.



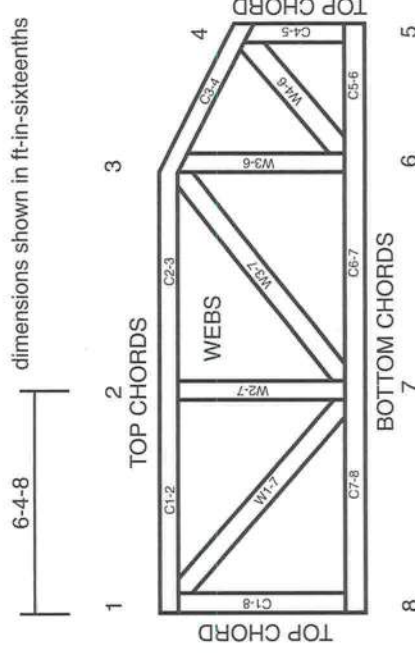
BEARING

Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.



Industry Standards:

ANSI/TPI1 : National Design Specification for Metal Plate Connected Wood Truss Construction, Design Standard for Bracing.
 DSB-89: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



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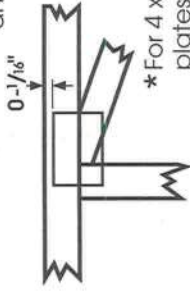
- ### Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
2. Never exceed the design loading shown and never stock materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
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10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
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13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

Symbols

PLATE LOCATION AND ORIENTATION

- * Center plate on joint unless x,y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



- * For 4 x 2 orientation, locate plates 0 - 1/16" from outside edge of truss.

- This symbol indicates the required direction of slots in connector plates.

- * Plate location details available in MiTek 20/20 software or upon request.

PLATE SIZE

4 x 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

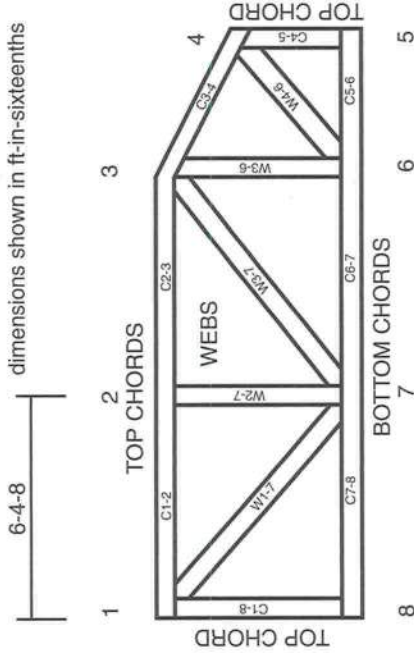


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

- ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
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Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

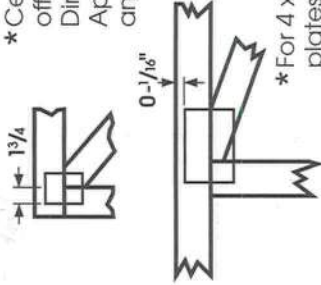
Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
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- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of a professional engineer.
- Install and load vertically unless indicated otherwise.

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless x,y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



* For 4 x 2 orientation, locate plates 0 - 1/16" from outside edge of truss.

==
* This symbol indicates the required direction of slots in connector plates.

* Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

4 x 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

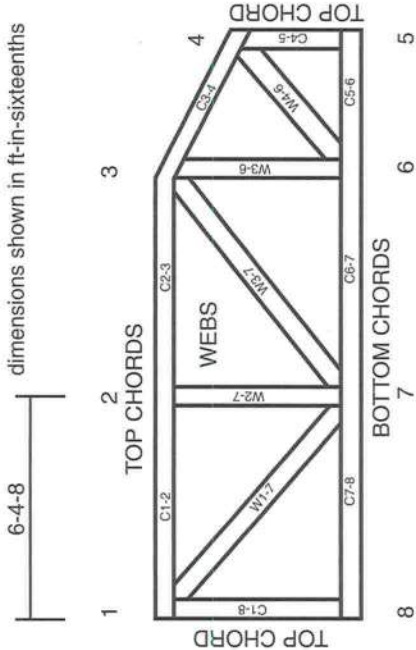


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

- ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
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- BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

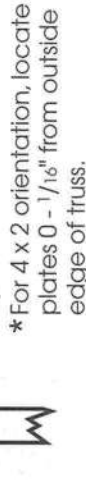
- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing shown on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of a professional engineer.
- Install and load vertically unless indicated otherwise.

⚠️ General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BC511.

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
2. Never exceed the design loading shown and never start materials on inadequately braced trusses.



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12. Top chords must be sheathed or purlins provided at spacing shown on design.

14. Connections not shown are the responsibility of others, or less, if no ceiling is installed, unless otherwise noted.

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15. Do not cut or alter truss member or plate without prior approval of a professional engineer.

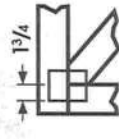
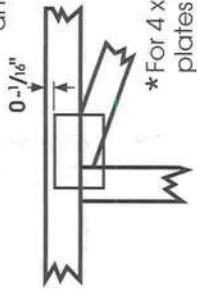
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Symbols

PLATE LOCATION AND ORIENTATION

-  * Center plate on joint unless x,y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.
-  * For 4 x 2 orientation, locate plates 0 - 1/16" from outside edge of truss.
-  * This symbol indicates the required direction of slots in connector plates.

* Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

4 X 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

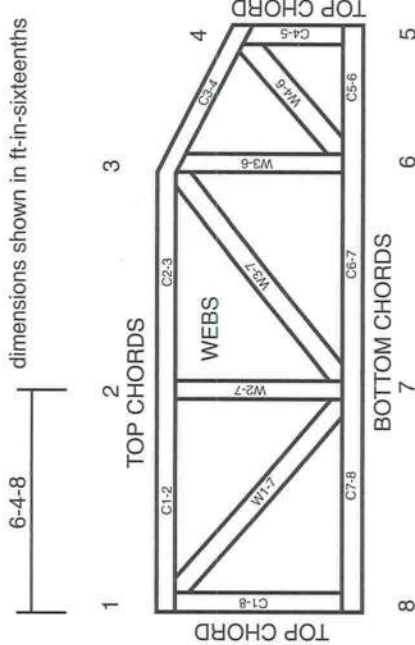


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

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Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



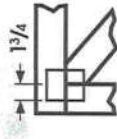
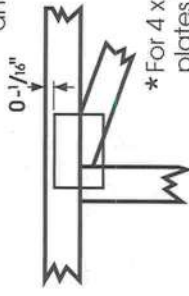
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Symbols

PLATE LOCATION AND ORIENTATION

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PLATE SIZE

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LATERAL BRACING



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BEARING

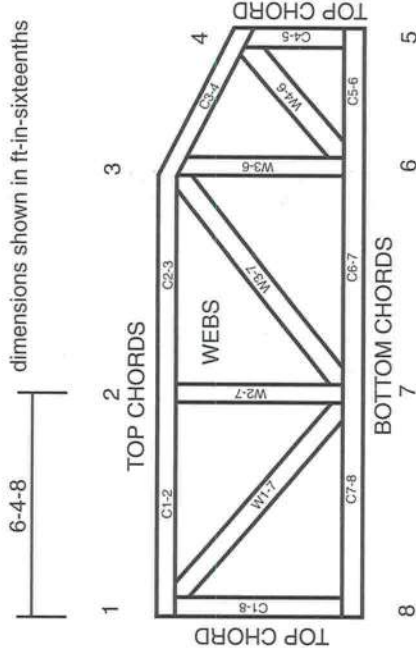


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Industry Standards:

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Numbering System



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CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
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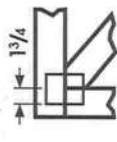
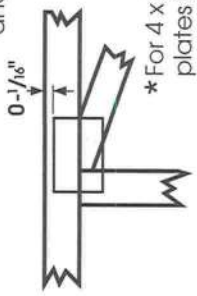
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14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

Symbols

PLATE LOCATION AND ORIENTATION

-  * Center plate on joint unless x,y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.
-  * For 4 x 2 orientation, locate plates 0 - 1/16" from outside edge of truss.
-  * This symbol indicates the required direction of slots in connector plates.

* Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

4 x 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use I, I or Eliminator bracing if indicated.

BEARING

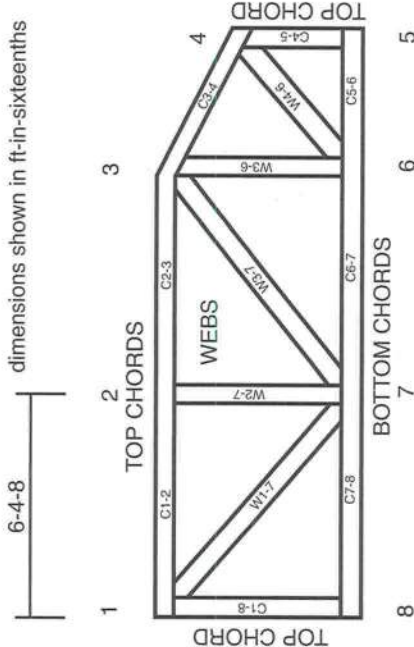


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

- ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
- BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



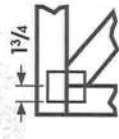
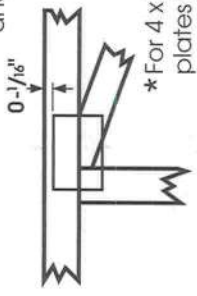
General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing shown on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
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- Install and load vertically unless indicated otherwise.

Symbols

PLATE LOCATION AND ORIENTATION

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* Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

4 x 4

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LATERAL BRACING



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BEARING

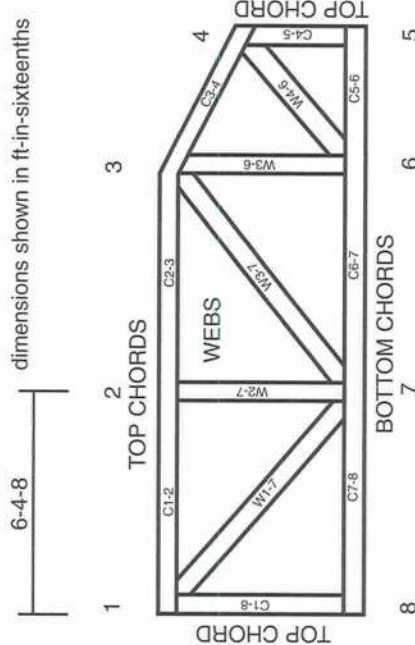


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

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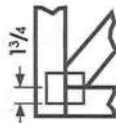
General Safety Notes

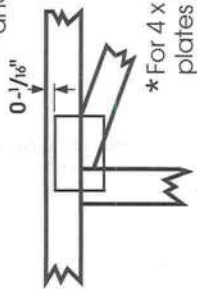
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2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
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PLATE SIZE

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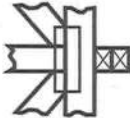
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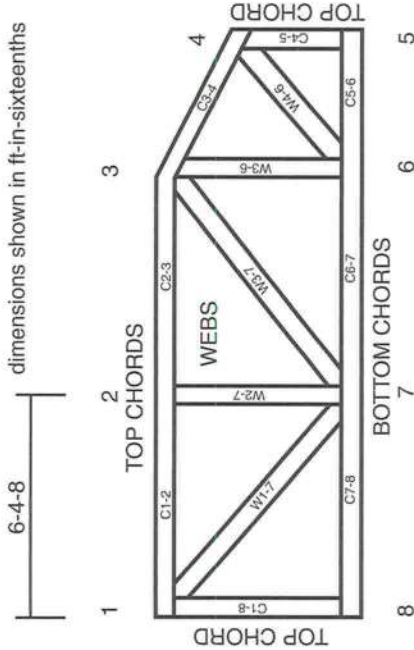


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General Safety Notes

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FEB 09 2005

FL 1945-3

This table is based on 4 section tall door. Doors over this height use similar construction.																
WL rollers require pushnuts																
rating	design	test	Required Struts			Jamb bracket required				Bottom BRK.	Top Fix	Locks	Rollers	xtra lags	Hor. Angle	new
			Qty	Ga	Size	#4	#5	#6	#7							
6' thru 9'																
WL-FL-60	(+25 / -25)	(+37.5 / -37.5)	3	20	3"	1	1	1	1	2	2	2	X	4	41"	WL-FL-10
WL-FL-70	(+30 / -30)	(+45 / -45)	4	20	3"	1	1	1	1	2	2	2	X	4	41"	WL-FL-20
WL-FL-80	(+40 / -40)	(+60 / -60)	5	20	3"	1	1	1	1	2	2	2	X	4	41"	WL-FL-30
35.2 PSF																
37.5 PSF																
45 PSF																
51 PSF																
60 PSF																
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p.1

352-373-1744

EdHoelt

Jun 22 05 11:51a

Door Width 6' thru 10'

Door Width 10' thru 12'

Door Width 12' thru 16'

Door Width 16' thru 18' (Regular roller push out)

1 Section		2 Sections		3 Sections		4 Sections		5 Sections		6 Sections		7 Sections		8 Sections		9 Sections		10 Sections		11 Sections		12 Sections		13 Sections		14 Sections		15 Sections		16 Sections		17 Sections		18 Sections		19 Sections		20 Sections		21 Sections		22 Sections		23 Sections		24 Sections		25 Sections		26 Sections		27 Sections		28 Sections		29 Sections		30 Sections		31 Sections		32 Sections		33 Sections		34 Sections		35 Sections		36 Sections		37 Sections		38 Sections		39 Sections		40 Sections		41 Sections		42 Sections		43 Sections		44 Sections		45 Sections		46 Sections		47 Sections		48 Sections		49 Sections		50 Sections		51 Sections		52 Sections		53 Sections		54 Sections		55 Sections		56 Sections		57 Sections		58 Sections		59 Sections		60 Sections		61 Sections		62 Sections		63 Sections		64 Sections		65 Sections		66 Sections		67 Sections		68 Sections		69 Sections		70 Sections		71 Sections		72 Sections		73 Sections		74 Sections		75 Sections		76 Sections		77 Sections		78 Sections		79 Sections		80 Sections		81 Sections		82 Sections		83 Sections		84 Sections		85 Sections		86 Sections		87 Sections		88 Sections		89 Sections		90 Sections		91 Sections		92 Sections		93 Sections		94 Sections		95 Sections		96 Sections		97 Sections		98 Sections		99 Sections		100 Sections	
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4 Sections High
(6' thru 7')

5 Sections High
(7'-6" thru 8'-9")

6 Sections High
(9' thru 10'-6")

1. STAPLES POSITIONED AS SHOWN AND ATTACHED WITH 2 SELF DRILLING SCREWS 1/4" X 3/4" TO EACH SELF INTERMEDIATE AND END STILE.

2. MAXIMUM SECTION HEIGHT IS 31".

3. MINIMUM STILE THICKNESS FOR DOOR SECTION IS 25 GA. (0.0185")

4. THESE DOORS ARE NOT RATED FOR IMPACT LOADING.

5. HARD DESIGN MUST BE IN ACCORDANCE WITH DRAWING / NON-0001.

6. REFERENCE DRAWING / NON-0002 SHEET 2 OF 3, FOR HARDWARE LOCATIONS.

7. REFERENCE DRAWING / NON-0002 SHEET 3 OF 3, FOR HARDWARE DIMENSIONS.

8. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THE DRAWING OVERS.

PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE ONLY FOR VERIFICATION OF WHOLESALE CONSTRUCTION DETAIL

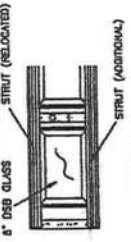
JOHN E. SCATES, P.E.
1411 LEVAY SITE 105
FLORIDA STATE COLLEGE
FLORIDA P.E. # 31727

NOTE: THIS DRAWING AND / OR TECHNICAL INFORMATION ON THIS SHEET IS THE PROPERTY OF MID-AMERICA DOOR COMPANY AND IS LOANED IN CONFIDENCE FOR ENGINEERING AND MATERIAL ASSISTANCE PURPOSES ONLY, AND MAY NOT BE REPRODUCED OR USED IN MANUFACTURE WITHOUT THE WRITTEN PERMISSION OF MID-AMERICA DOOR COMPANY.

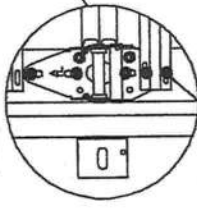
DATE: 11/15/04
SCALE: 1/4" = 1'-0"
DRAWN BY: J.E.S.
CHECKED BY: J.E.S.
APPROVED BY: J.E.S.
DATE: 11/15/04
SCALE: 1/4" = 1'-0"
DRAWN BY: J.E.S.
CHECKED BY: J.E.S.
APPROVED BY: J.E.S.

Mid-America Door Company
Regal / Celebrity / American 100 Series
WINDLOAD CONSTRUCTION DETAILS
REV. 0003
100

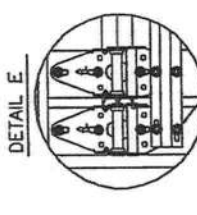
OPTIONAL STRUT LOCATIONS
R SINGLE STRUT SECTION



DETAIL B



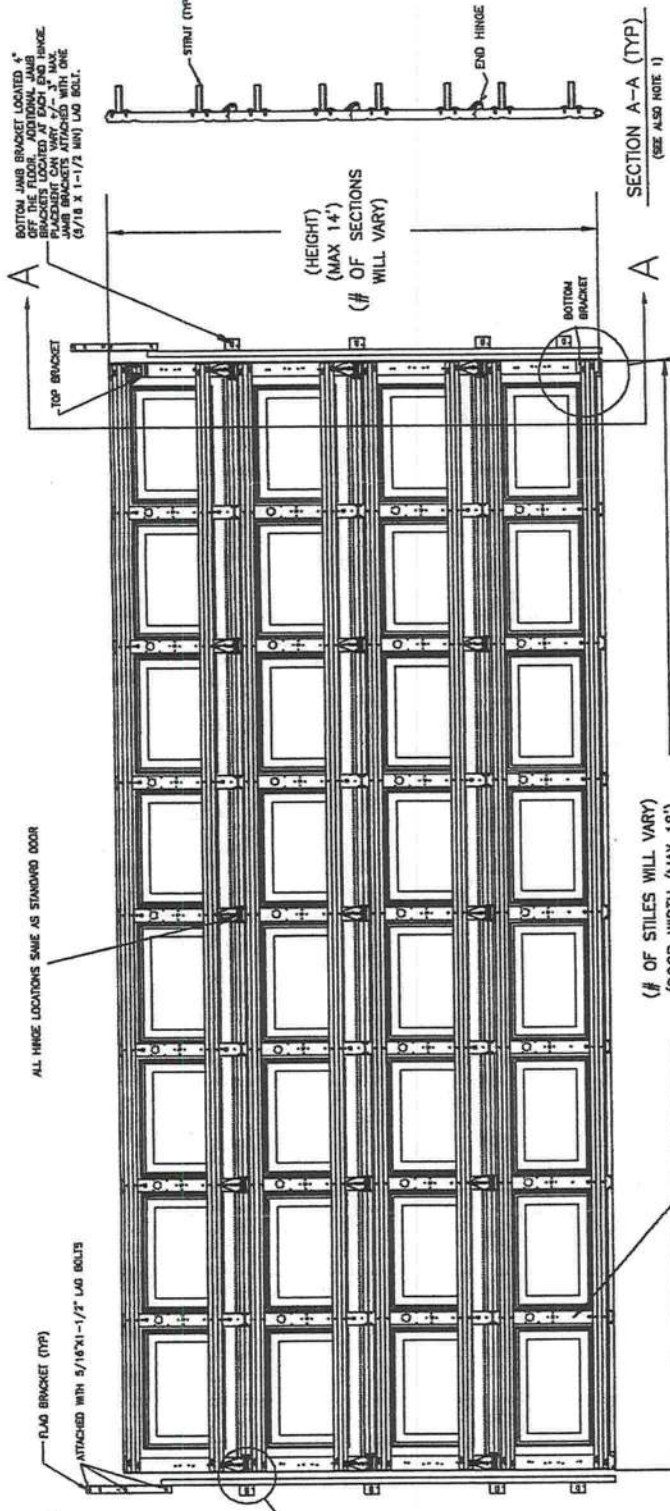
DETAIL E



OPTIONAL DOUBLE ENDS

NOTES:

- 1. STRUTS SHOWN FOR TYP. HARDWARE INSTALLATION REFERENCE. STRUTS ATTACHED WITH 2 SELF DRILLING SCREWS 1/4\"/>
- 2. MAXIMUM SECTION HEIGHT IS 21\"/>
- 3. SECTIONS EMBOSSED, 14.00\"/>
- 4. TORSION SPRINGS OR EXTENSION SPRINGS AVAILABLE.
- 5. SLIDE LOCKS MUST BE ATTACHED TO EACH SIDE OF DOOR CAM & BAR LOCKS OR AN OPERATOR MAY BE SUBSTITUTED.
- 6. IF SINGLE STRUT PLACEMENT OBSTRUCTS WINDOW, ALTERNATE STRUT PLACEMENT IS ONE STRUT ON TOP OF THE SECTION AND ONE ON THE BOTTOM OF THE SECTION.
- 7. WOOD MOUNT SHOWN, STEEL AND MASONRY HOLE AND REVERSE ANGLE MOUNT AVAILABLE. NUMBER OF JAMB BRACKET ANCHOR LOCATIONS MUST BE THE SAME.
- 8. JAMB DETAIL IN ACCORDANCE WITH DWG. # RCWL-0001
- 9. STRUT PLACEMENT SHOWN IS TYPICAL. TOP STRUTS ARE OVER THE HINGES AS SHOWN. USING THE HOLES PROVIDED IN THE HINGE, BOTTOM STRUTS ARE JUST ABOVE THE TOP OF THE HINGES. SEE DETAIL B
- 10. USE IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS.
- 11. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.



(# OF STILES WILL VARY)
(DOOR WIDTH (MAX 18'))

CENTER STILE LOCATED BETWEEN EACH DIAGONAL FOR ALL DOOR SIZES

ALL HINGE LOCATIONS SAME AS STANDARD DOOR

ATTACHED WITH 5/16\"/>

FLAD BRACKET (TYP)

STRUT (TYP)

STRUT (ADDITIONAL)

DETAIL B

DETAIL E

OPTIONAL DOUBLE ENDS

NOTES:

- 1. STRUTS SHOWN FOR TYP. HARDWARE INSTALLATION REFERENCE. STRUTS ATTACHED WITH 2 SELF DRILLING SCREWS 1/4\"/>
- 2. MAXIMUM SECTION HEIGHT IS 21\"/>
- 3. SECTIONS EMBOSSED, 14.00\"/>
- 4. TORSION SPRINGS OR EXTENSION SPRINGS AVAILABLE.
- 5. SLIDE LOCKS MUST BE ATTACHED TO EACH SIDE OF DOOR CAM & BAR LOCKS OR AN OPERATOR MAY BE SUBSTITUTED.
- 6. IF SINGLE STRUT PLACEMENT OBSTRUCTS WINDOW, ALTERNATE STRUT PLACEMENT IS ONE STRUT ON TOP OF THE SECTION AND ONE ON THE BOTTOM OF THE SECTION.
- 7. WOOD MOUNT SHOWN, STEEL AND MASONRY HOLE AND REVERSE ANGLE MOUNT AVAILABLE. NUMBER OF JAMB BRACKET ANCHOR LOCATIONS MUST BE THE SAME.
- 8. JAMB DETAIL IN ACCORDANCE WITH DWG. # RCWL-0001
- 9. STRUT PLACEMENT SHOWN IS TYPICAL. TOP STRUTS ARE OVER THE HINGES AS SHOWN. USING THE HOLES PROVIDED IN THE HINGE, BOTTOM STRUTS ARE JUST ABOVE THE TOP OF THE HINGES. SEE DETAIL B
- 10. USE IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS.
- 11. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.

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DOOR FRAME PLATE CONNECTION

SCHEDULE 1.1

CONSTRUCTION	TOTAL POOR LMD (LSS)	ROAD LMD (LSS)	LMD OF LMS PER JMW		
			57P	ROAD/HI	57P
			SPECIFIC SPC = 0.55	SPC = 0.40	SPECIFIC SPC = 0.42
1000	500	500	5	7	10
1250	625	625	6	8	12
1500	750	750	7	9	15
1750	875	875	8	10	17
2000	1000	1000	10	14	20
2250	1125	1125	12	16	22
2500	1250	1250	13	18	24
2750	1375	1375	14	20	27
3000	1500	1500	15	21	29
3250	1625	1625	17	23	32
3500	1750	1750	18	25	34
3750	1875	1875	20	28	36
4000	2000	2000	20	28	39
4250	2125	2125	22	30	41
4500	2250	2250	23	31	44
4750	2375	2375	24	33	46
5000	2500	2500	25	35	49

4* - BASED ON 1 1/2" LONG THREADED, HARDENED NAIL ASSUMING 2" MIN. PENETRATION.
1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND THE FLOOR.
2. PREDRILL NAIL HOLES TO PREVENT SPLITTING.
3. CHAIR IS BASED ON 8'-0" MAX. DOOR HEIGHT.

DOOR FRAME PLATE CONNECTION

SCHEDULE 2.1

MASSONRY/CONCRETE CONSTRUCTION		QUANTITY OF JACOBS ANCHORS PER JAMB*	
TOTAL POOR LOAD (LBS.)	LOAD PER JAMB (LBS.)	BOLTS	3,000 PSI CONCRETE
1600	460	3	3
1800	500	3	3
2000	540	3	3
2200	580	3	3
2400	620	4	3
2600	660	4	3
2800	700	5	3
3000	740	5	3
3200	780	5	3
3400	820	6	3
3600	860	6	3
3800	900	6	3
4000	940	7	3
4200	980	7	3
4400	1020	7	3
4600	1060	7	3
4800	1100	8	3
5000	1140	8	3
5200	1180	8	3
5400	1220	8	3
5600	1260	9	3
5800	1300	9	3
6000	1340	9	3
6200	1380	9	3
6400	1420	9	3
6600	1460	9	3
6800	1500	9	3
7000	1540	9	3
7200	1580	9	3
7400	1620	9	3
7600	1660	9	3
7800	1700	9	3
8000	1740	9	3
8200	1780	9	3
8400	1820	9	3
8600	1860	9	3
8800	1900	9	3
9000	1940	9	3
9200	1980	9	3
9400	2020	9	3
9600	2060	9	3
9800	2100	9	3
10000	2140	9	3
10200	2180	9	3
10400	2220	9	3
10600	2260	9	3
10800	2300	9	3
11000	2340	9	3
11200	2380	9	3
11400	2420	9	3
11600	2460	9	3
11800	2500	9	3
12000	2540	9	3
12200	2580	9	3
12400	2620	9	3
12600	2660	9	3
12800	2700	9	3
13000	2740	9	3
13200	2780	9	3
13400	2820	9	3
13600	2860	9	3
13800	2900	9	3
14000	2940	9	3
14200	2980	9	3
14400	3020	9	3
14600	3060	9	3
14800	3100	9	3
15000	3140	9	3
15200	3180	9	3
15400	3220	9	3
15600	3260	9	3
15800	3300	9	3
16000	3340	9	3
16200	3380	9	3
16400	3420	9	3
16600	3460	9	3
16800	3500	9	3
17000	3540	9	3
17200	3580	9	3
17400	3620	9	3
17600	3660	9	3
17800	3700	9	3
18000	3740	9	3
18200	3780	9	3
18400	3820	9	3
18600	3860	9	3
18800	3900	9	3
19000	3940	9	3
19200	3980	9	3
19400	4020	9	3
19600	4060	9	3
19800	4100	9	3
20000	4140	9	3
20200	4180	9	3
20400	4220	9	3
20600	4260	9	3
20800	4300	9	3
21000	4340	9	3
21200	4380	9	3
21400	4420	9	3
21600	4460	9	3
21800	4500	9	3
22000	4540	9	3
22200	4580	9	3
22400	4620	9	3
22600	4660	9	3
22800	4700	9	3
23000	4740	9	3
23200	4780	9	3
23400	4820	9	3
23600	4860	9	3
23800	4900	9	3

** BASED ON 1/4" TAPCON ANCHOR WITH A 1 1/2" MIN. EMBEDMENT.
1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND THE FLOOR.
2. 1/4" WASHERS REQUIRED WITH EACH TAPCON ANCHOR.
3. CHART IS BASED ON 8'-0" MAX. DOOR HEIGHT.

DOOR FRAME PLATE CONNECTION

SCHEDULE 3.1

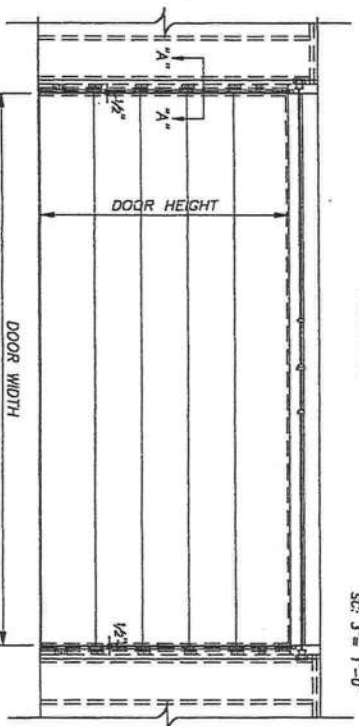
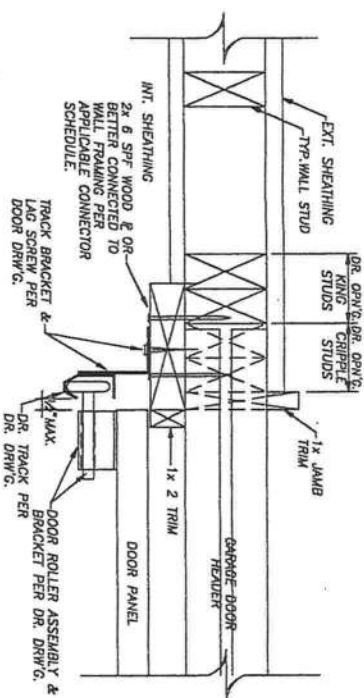
MASTORY/CONCRETE CONSTRUCTION	TOTAL PORG LOAD (LBS.)	LOAD PER JAMB (LBS.)	QUANTITY OF EXPANSION ANCHORS PER JAMB	
			GROUP- TILED CONCRETE	GROUP- TILED CONCRETE
1000	550	3	3	3
1250	675	3	3	3
1500	825	3	3	3
1750	1000	3	3	3
2000	1125	3	3	3
2250	1250	3	3	3
2500	1375	3	3	3
2750	1500	3	3	3
3000	1625	3	3	3
3250	1750	3	3	3
3500	1875	3	3	3
3750	2000	3	3	3
4000	2125	3	3	3
4250	2250	3	3	3
4500	2375	3	3	3
4750	2500	3	3	3
5000	2625	3	3	3
5250	2750	3	3	3
5500	2875	3	3	3
5750	3000	3	3	3
6000	3125	3	3	3
6250	3250	3	3	3
6500	3375	3	3	3
6750	3500	3	3	3
7000	3625	3	3	3
7250	3750	3	3	3
7500	3875	3	3	3

1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND THE FLOOR.
2. MINIMUM DISTANCE FROM CONCRETE EDGE TO ANCHOR SHALL BE 3 $\frac{1}{4}$ "
3. CHART IS BASED ON 8'-0" MAX. DOOR HEIGHT.

To calculate; multiply total square feet of door by 30 (p.s.f.)
Example; $16 \times 7 = 112 \text{ s.f.} \times 30 \text{ (p.s.f.)} = 3360 \text{ total load.}$

NOTES

1. WIND LOAD PERFORMANCE LABEL MUST BE AFFIXED TO THE INSIDE OF THE DOOR IN A LOCATION THAT IS EASILY SEEN.
2. WHERE THIS DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.
3. THE TESTING METHODS FOR THE DOORS PERTAINING TO DRW'S, LISTED HEREIN WERE IN ACCORDANCE WITH DASHA 108, SSC 1999 & ASCE 7-98.



ELEVATION NOTES:
SPACE BETWEEN INSIDE OF VERTICAL TRACK AND END OF DOOR IS 1/2" MAX

DOOR ELEVATION

(INTERIOR ELEVATION)

SCALE: 1/4" = 1'-0"

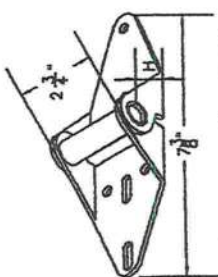
NOTES:

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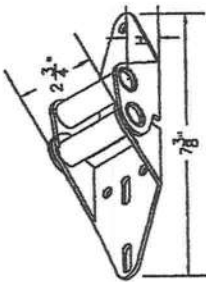
[illegible]

NOTES:

1. STRUTS ARE NOT MORE THAN 1 1/2" SHORTER THAN SECTION.
2. ROLLERS MUST HAVE STEEL BEARINGS.
3. USE IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.

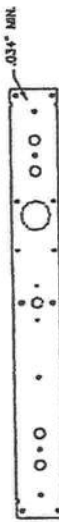


P/N 20602 (#1 HINGE)

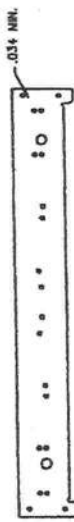


END HINGE

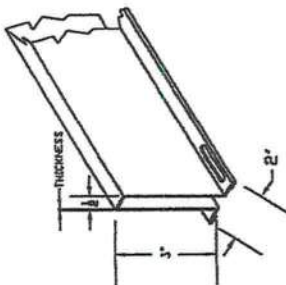
HINGE #	QAGE #	"H"	PART NUMBER
1	14	3/4"	20602
2	14	1"	20606
3	14	1 1/4"	20610
4	14	1 1/2"	20614
5	14	1 3/4"	20618
6	14	2"	20618
7	13	2 1/4"	20620
8	11	2 1/2"	20622
9	11	2 3/4"	20624



P/N 10455 & 10465 (21" & 18") CENTER STILE

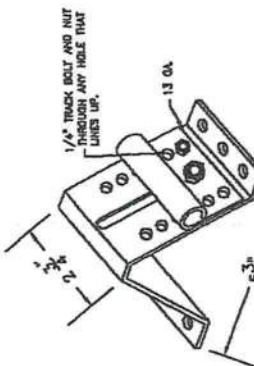


P/N 10450 & 10460 (21" & 18") END STILE

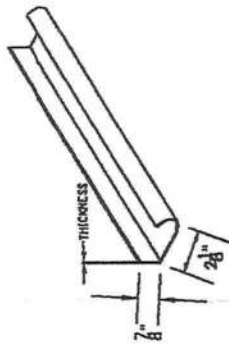


3" WINDLOAD STRUT

THICKNESS OF STRUTS ARE AS STATED BELOW	
50 GAUGE 50 NET MINIMUM YIELD	.589" MIN.
18 GAUGE 50 NET MINIMUM YIELD	.317" MIN.

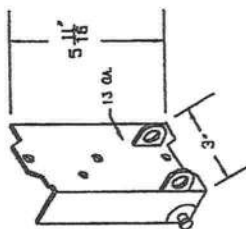


P/N 20358 TOP FIXTURE



WINDLOAD TRACK

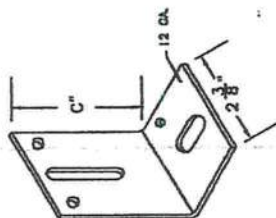
THICKNESS OF TRACK IS AS STATED BELOW	
VERTICAL TRACK IS MIN. 16 GA.	.289" MIN.
HORIZONTAL TRACK IS MIN. 18 GA.	.4182" MIN.



P/N 20334&5 BOTTOM BRKT.

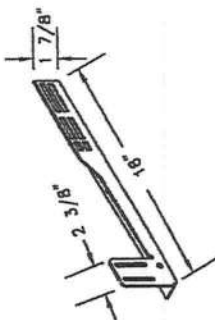


3" P/N 20239 PUSH NUT

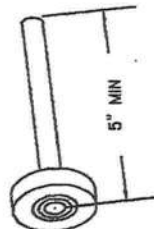


TRACK BRACKET

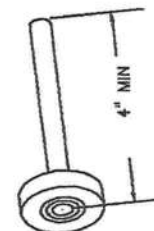
BRACKET #	"C"	PART NUMBER
4	3"	20368
5	3 1/4"	20370
6	3 1/2"	20372
7	3 3/4"	20374
8	4"	20376
9	4 3/4"	20378



20366 & 7 FLAG BRACKET



P/N 20806 LONG STEM ROLLER



P/N 20802 SHORT STEM ROLLER

PROFESSIONAL ENGINEER'S
SEAL PROVIDED ONLY FOR
VERIFICATION OF WINDLOAD
CONSTRUCTION DETAILS

JOHN E. SCATES, P.E.
1411 LEWIS ST. 203
CARROLLTON, TX
FLORIDA P.E. # 91737

SCALE		DATE		N.T.S.		MID-AMERICA DOOR COMPANY		P.O. BOX 1000	
DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY
1-15-00	1-15-00	1-15-00	1-15-00	1-15-00	1-15-00	1-15-00	1-15-00	1-15-00	1-15-00
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

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WINDLOAD SERIES HARDWARE

WINDLOAD CONSTRUCTION DETAILS

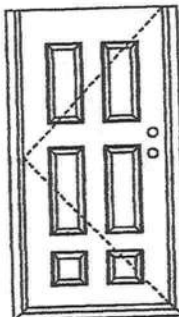
WINDLOAD CONSTRUCTION DETAILS

X
Opaque Inswing Unit

COP-WL-EN4101-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure

+76.0/-76.0

limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

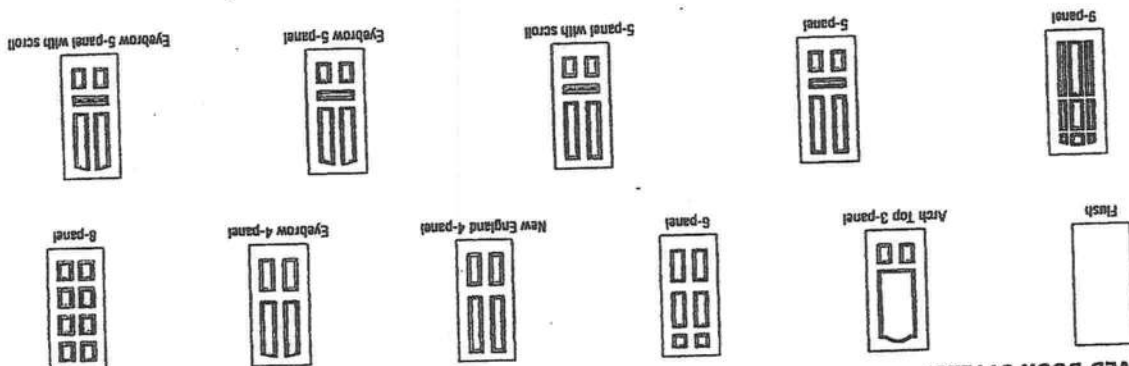
MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0001-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

APPROVED DOOR STYLES:



Entry
Entry Systems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product

PREMIER
Premium Quality Doors

Masonite
Exclusively from
Masonite International Corporation

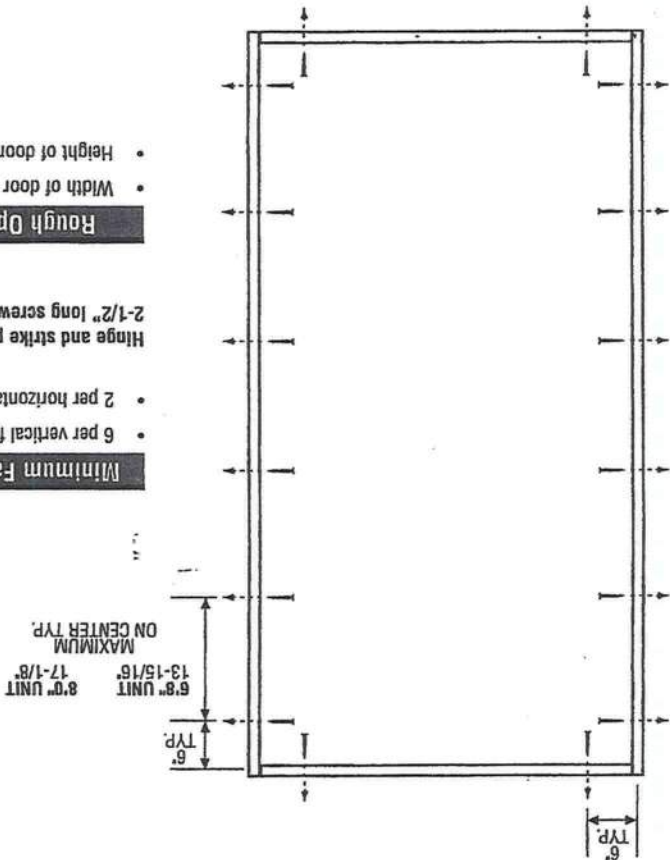


Test Data Review Certificate #3026447C
and CORP's Report Validation Matrix
information - available from the ITSMW
website (www.masonite.com), the
Masonite website (www.masonite.com)
or the Masonite technical center.

SINGLE DOOR

MID-WL-MA0001-02

X Unit



Minimum Fastener Count

- 6 per vertical framing member
- 2 per horizontal framing member
- Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warrick Harvey
Test Data Review Certificate #3026447A, #3026447B, #3026447C and COP/Retest Report Validation
additional information - available from the ITSMV website (www.adsemko.com), the Masonite
website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- UNITS COVERED BY COP DOCUMENT 3146, 3166, 3241, 3246, 3261 or 3266
- Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

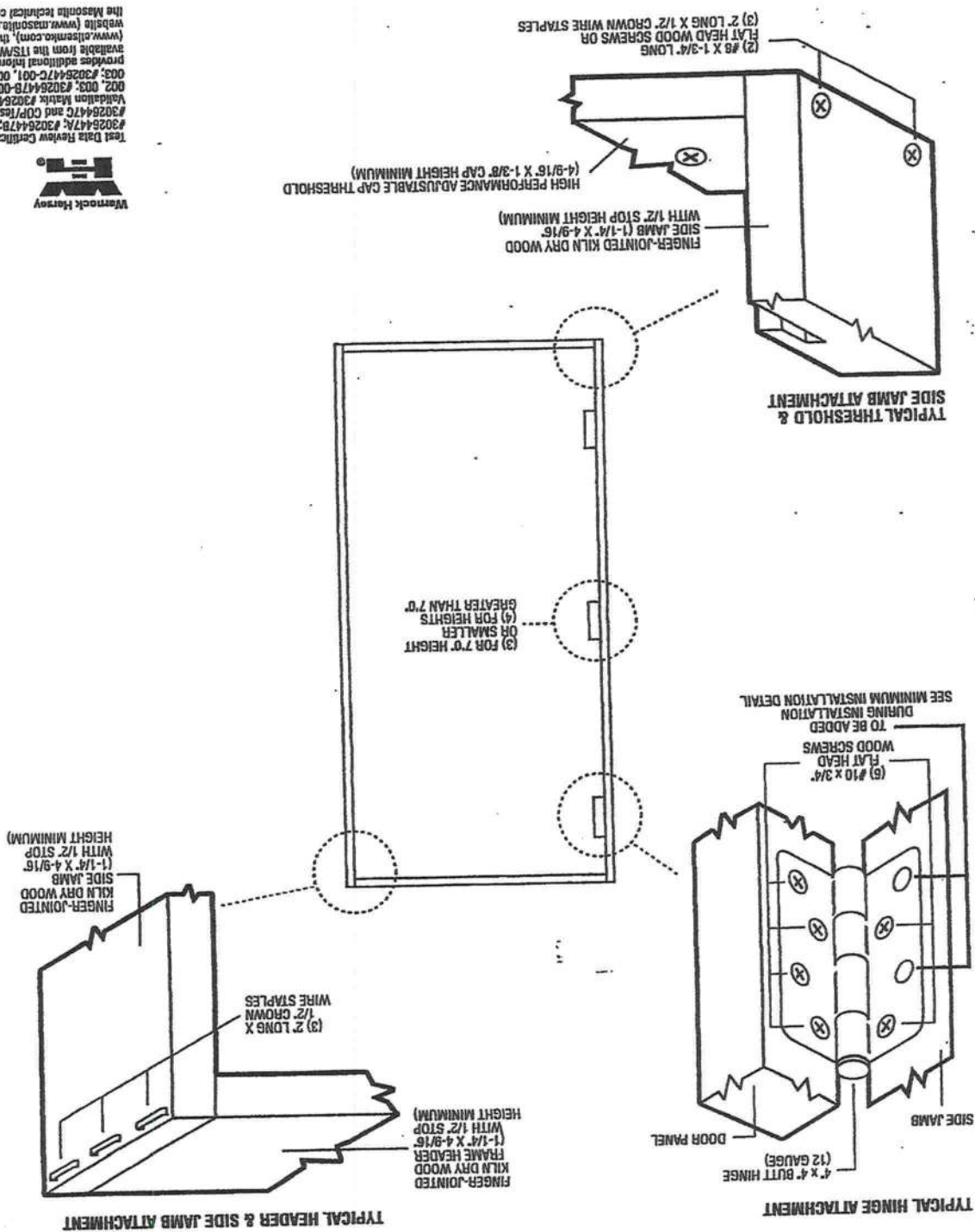
Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

X
Unit

INSWING UNIT WITH SINGLE DOOR

MAD-WL-MA0001-02



Test Data Review Certificate
#30264478; #30264479;
Validation Matrix #30264478-A-001,
#30264479 and COP/Inst Report
002, 003; #30264478-001, 002, 003
provides additional information -
available from the ITS/WH website
(www.itswh.com), the Masonite
website (www.masonite.com) or
the Masonite technical center.



Masonite
Exclusively from
Masonite International Corporation

PREMIUM QUALITY DOORS
Collection

Our continuing program of product improvement makes specifications.

June 17, 2002

X
Opaque Inswing Unit

GCP-WL-EN4101-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1864-5, 6

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.032" steel. Bottom end rails constructed of 0.032" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203
COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt J. Baltazor

State of Florida, Professional Engineer
Kurt Baltazor, P.E. – License Number 56533

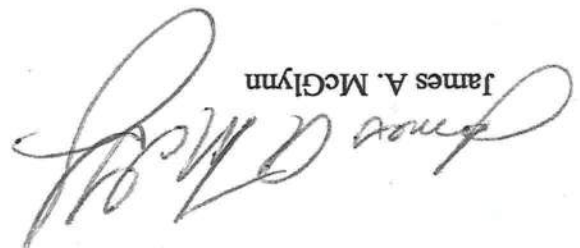


Test Data Review Certificate #3026447C and CDP/Rest Report Validation Matrix #3026447C-001 provides additional information - available from the TSMH website (www.masonite.com), the Masonite website (www.masonite.com) or the Masonite technical center.

11/30/2005

We hereby give Gerald Harvey of Harvey Building Construction, Inc permission to obtain a building and septic permit to construct a home located on 128 SW Walton Glen, Ft White, FL 32038.

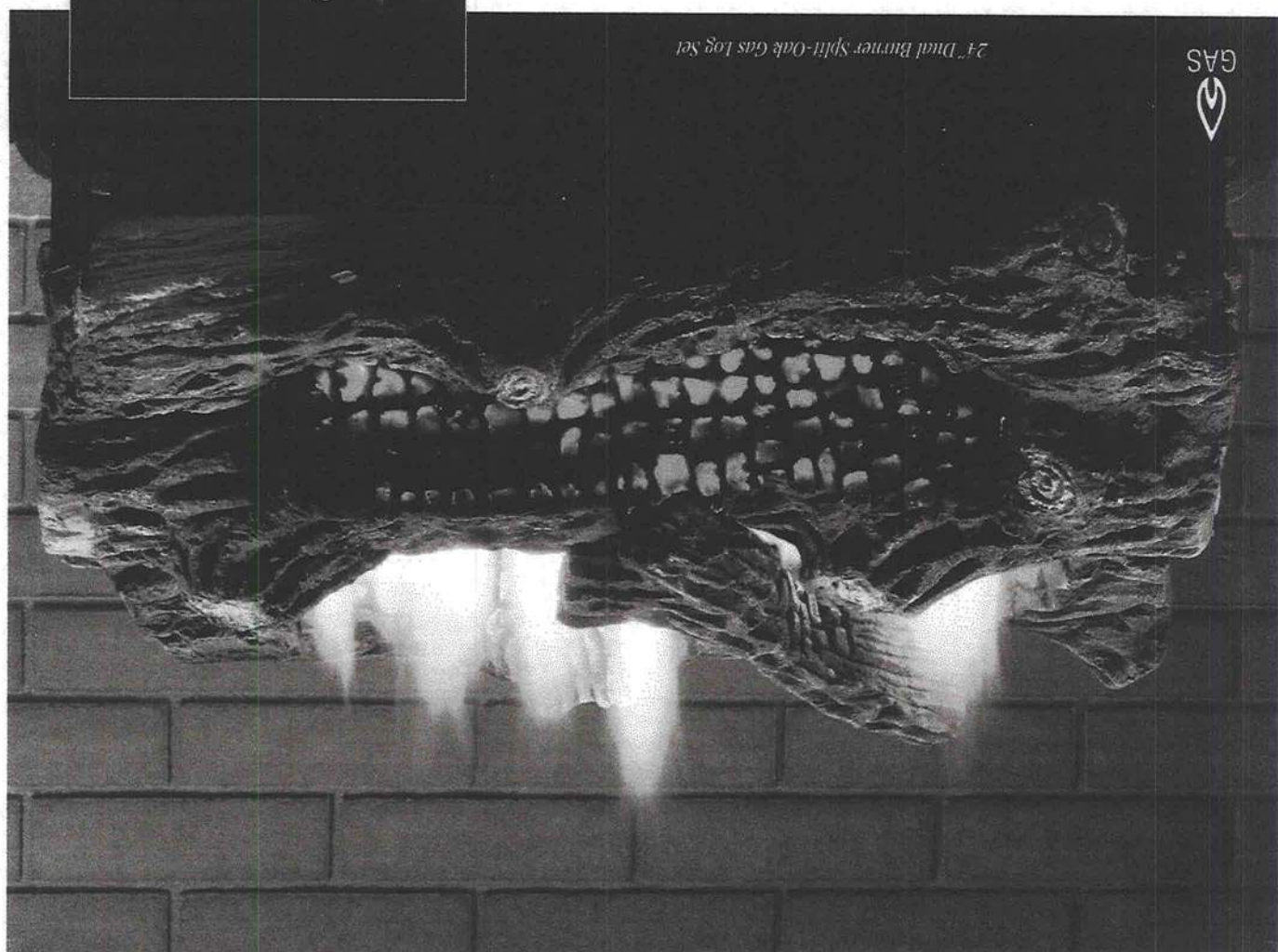
Feel free to call with any questions at 352-339-3839.


James A. McGlynn

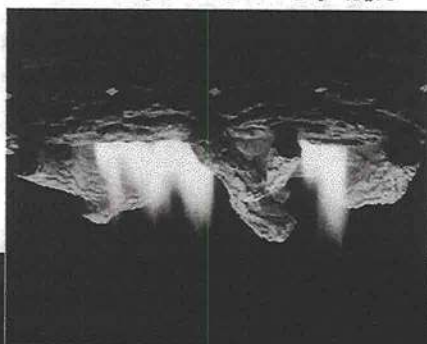
VFGL-3

Believe It Or Not—
This Is A Vent-Free Gas Heater.

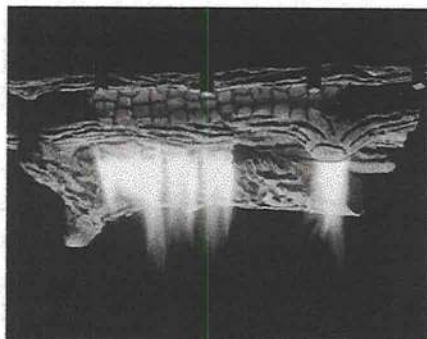
- Remote Control With Millivolt Valve, Or Manual Adjustments With Standard Valve
- Vent-Free Gas Log Sets Are 99% Heat Efficient
- Exclusive "Crosslighter" Dual Burner Maintains Full Yellow Flame Even On Low Setting
- Available In 18", 21", 24" and 28" Lengths
- Compatible With Most Factory-Built Or Masonry Woodburning Fireplaces
- Choose From Natural Gas Or Propane Gas Models
- ICBO Listed And A.G.A. Design Certified As A Room Heater



24" Dual Burner Split-Oak Gas Log Set



21" Single Burner Rustic Oak Gas Log Set



24" Dual Burner Rustic Oak Gas Log Set



NOTE: Product designs, materials, dimensions, specifications, colors and prices subject to change or discontinuance without notice.

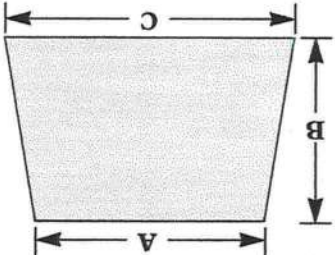


Distributed by:

NOTE: Only Superior Vent-Free Gas Log Sets can be used in Superior Vent-Free Fireboxes. Sets can be installed in wood-burning masonry and factory-built fireplaces that have been installed according to their listing. Damper may be in the fully closed position when using Vent-Free Log Sets. Consult your dealer for local fireplace code information.

Certified by AGA to ANSI Z21.11 Standard. ICBO
Evaluation Report No. 5159.
*Manual Control Sets Only Are Also Certified by A.G.A. To
ANSI Z21.60 Standard As Vented Log Sets.

ACRONYM LETTER DEFINITION
MN, MP, MSN, MSP, VSN or VSP
Example: A log set with "MSN" indicates a manual gas valve, split log set and built for natural gas use.
M=Manual Control Valve • N=Natural Gas • P=Propane Gas • S=Split Log Set • V=Millivolt valve for remote On/Off



Minimum Hearth Area	A	B	C
18" Models	19"	14"	20"
21" Models	22"	14"	26"
24" Models	22"	14"	26"
28" Models	26"	14"	30"

Set	Style	38"	40"	43"	45"	Btu Input	Low	High
*VFGL-18MSN-3	Split Log	YES	YES			14,000 - 25,000		
*VFGL-18MSP-3	Split Log	YES	YES			14,000 - 25,000		
*VFGL-21MN-2	Rustic Log	YES	YES	YES	YES	15,750 - 21,000		
*VFGL-21MP-2	Rustic Log	YES	YES	YES	YES	15,750 - 21,000		
*VFGL-24MN-2	Rustic Log	YES	YES	YES	YES	17,000 - 32,000		
*VFGL-24MP-2	Rustic Log	YES	YES	YES	YES	17,000 - 32,000		
*VFGL-24MSN-3	Split Log	YES	YES	YES	YES	17,000 - 32,000		
*VFGL-24MSP-3	Split Log	YES	YES	YES	YES	17,000 - 32,000		
*VFGL-28MSN-3	Split Log		YES	YES	YES	17,000 - 32,000		
*VFGL-28MSP-3	Split Log		YES	YES	YES	17,000 - 32,000		
VFGL-18VSN-3	Split Log	YES	YES			14,000 - 25,000		
VFGL-18VSP-3	Split Log	YES	YES			14,000 - 25,000		
VFGL-24VSN-3	Split Log	YES	YES	YES	YES	17,000 - 32,000		
VFGL-24VSP-3	Split Log	YES	YES	YES	YES	17,000 - 32,000		
VFGL-28VSN-3	Split Log	YES	YES			17,000 - 32,000		
VFGL-28VSP-3	Split Log	YES	YES			17,000 - 32,000		

MODELS AND SPECIFICATIONS

VFGL-3
It's positively brilliant...with a simple gas line connection, Superior's Vent-Free Gas Log Sets can turn any fireplace into a clean, convenient space heater. Designed to be used in vent-free full size fireboxes, solid fuel-burning masonry or factory built woodburning fireplaces, they produce three times the heat of conventional gas logs for about half the cost. Their vent-free design is 99%* heat efficient with adjustable high/low settings that control heat output for consistently comfortable room temperatures.

Made of heat-resistant, lightweight ceramic fiber, Vent-Free Gas Log Sets feature four realistic charred oak logs in split or rustic styles. Logs simulate naturally charred real wood and produce beautiful glowing coals when burning. Sets also feature Superior's exclusive "Crosslighter" Dual Burner which maintains full yellow flames on high and low settings for a genuine looking fire. V Models have a millivolt valve with on/off rocker switch standard. Wall switch, thermostat and hand-held remote are optional.

Choose from 18", 21", 24" and 28" lengths in natural gas or propane models. All models are design certified by the A.G.A. as a room heater.

*As tested by Superior Fireplace Company

Features And Optional Accessories

- Optional Adjustable Canopy To Protect Mantel And Combustible Surrounds
 - 18", 21", 24" or 28" Lengths
 - 14,000 to 32,000 Btu Natural Gas or Propane Burner
 - Cost To Operate: *Natural Gas 12¢-19¢ per hour
*Propane Gas 18¢-26¢ per hour
 - Model VFGL-21 features a "single burner" design - manual valve only
 - Exclusive "Crosslighter" dual burner maintains fully visible rear yellow flames on both high and low manual settings - front burner turns off on low setting
- *Based on national average cost of gas

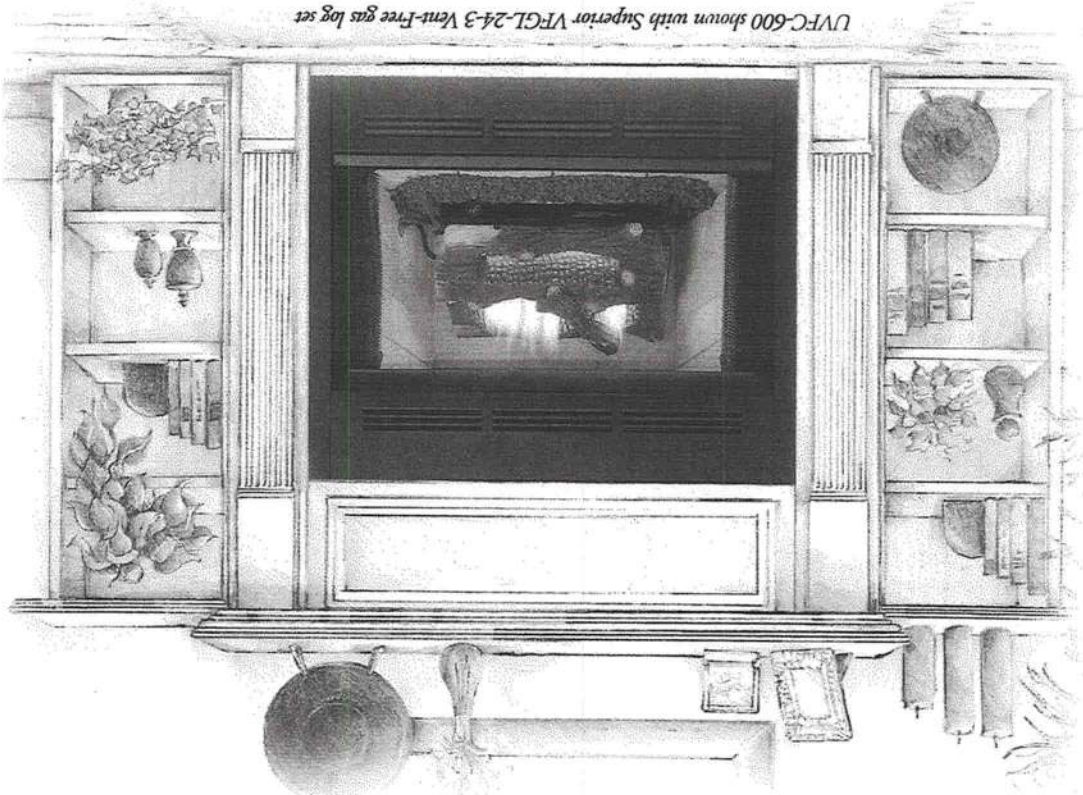
VENT-FREE

Go Anywhere Fireboxes For Vent-Free Logs

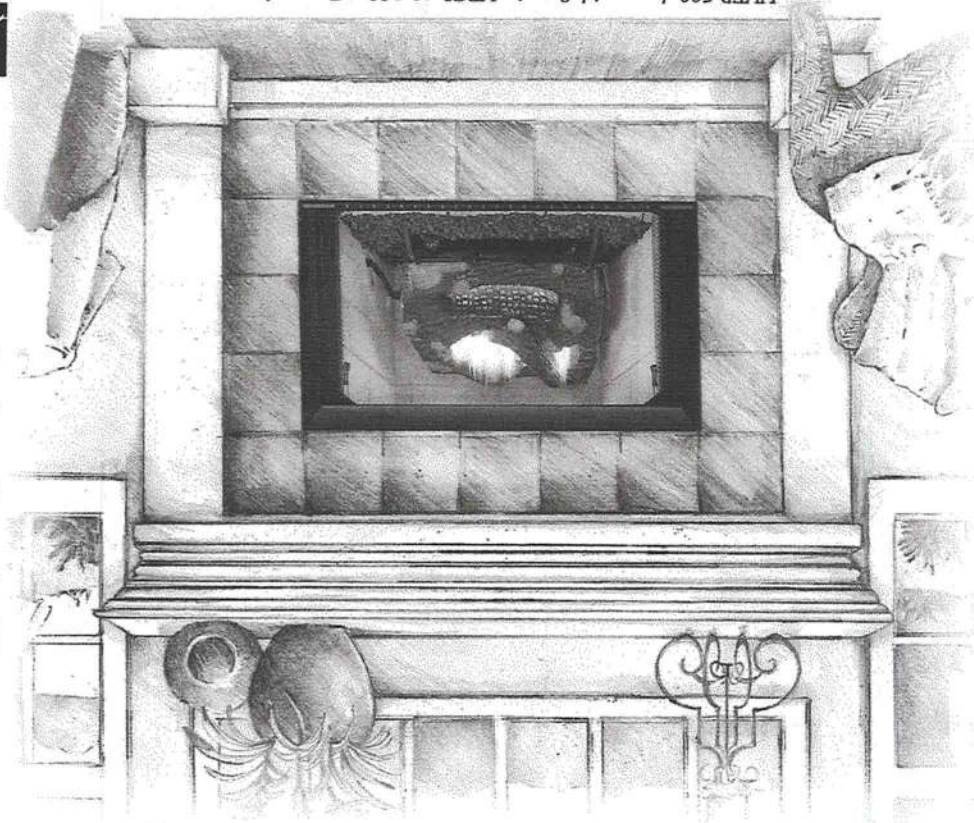
UVFC/UVFR-500/600

- Use fireboxes with ANSI Z21.11.2 vent-free log sets
- Easy gas line access with knockouts on both sides
- Realistic brick interior liner

Innovative Features



UVFC-600 shown with Superior VFGL-24-3 Vent-Free gas log set



UVFR-500 shown with Superior VFGL-18-3 Vent-Free gas log set

Distinctive Advantages

- No vent means installation almost anywhere
- Radiant or heat-circulating models
- Hood included protects mantel
- Fully assembled, ready to install

SUPERIOR.

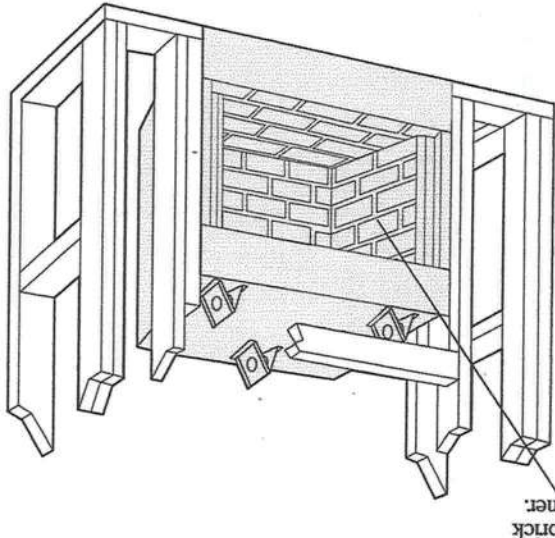
UVF Fireboxes

Don't be fooled by appearances. Superior Vent-Free Universal Fireboxes look like beautiful, cozy fireplaces, but they are actually energy-efficient firebox enclosures for Vent-Free Gas Log heaters. Designed for use with Lennox Hearth Products or other listed Vent-Free Gas Log Sets, Fireboxes work in conjunction with the Log Sets to deliver 99% fuel burning efficiency. Together, they heat a room for just pennies a day.

Designed for installation ease, Universal Vent-Free Fireboxes require no venting and utilize a standard gas flex connector. Without chimneys or venting to contend with, Universal Vent-Free Fireboxes can be installed practically anywhere – under bookcases, windows, even on the 2nd floor. Minimum clearance to combustible materials allows framing right up to the fireplace sides and top.

Choose from radiant or heat-circulating models with 36" or 41" screen openings. Radiant models allow facing materials to be installed flush with the front opening. Heat-circulating designs feature louvers and space for installing an optional forced air blower for increased warm air circulation. Hoods are included to protect mantels and other combustible surrounds. Large brick liners create a genuine masonry look. All models are Warnock Hersey listed as ventless firebox enclosures for decorative unvented room heaters.

Distributed by:



Realistic brick interior liner.



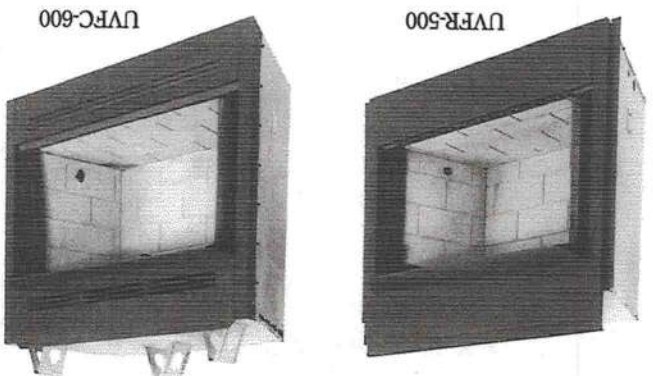
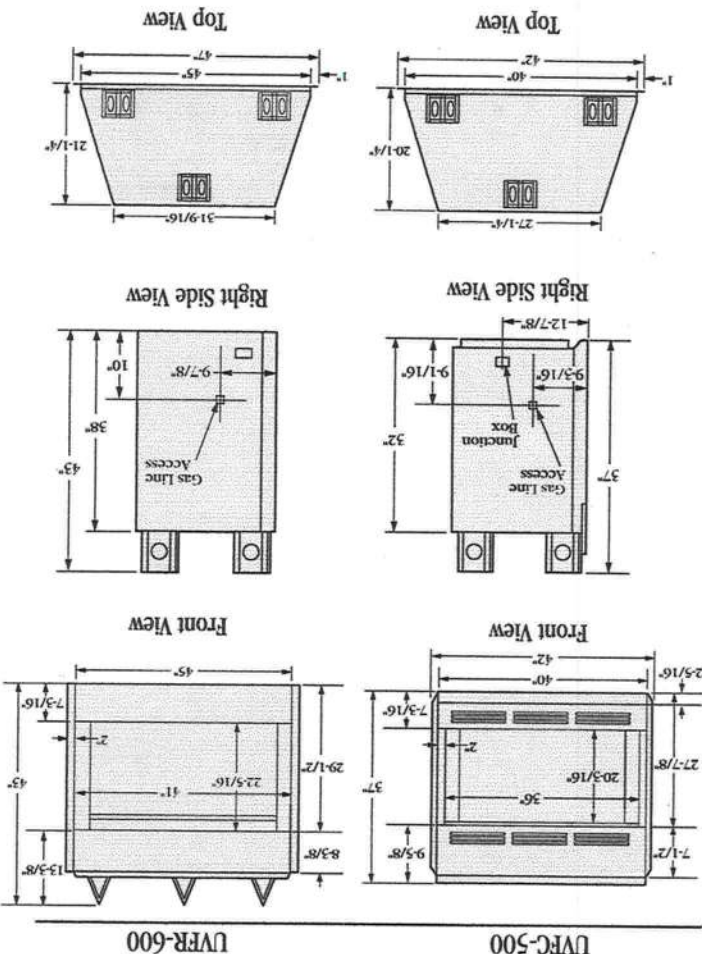
Warnock Hersey
US

www.LennoxHearthProducts.com
SUPERIOR

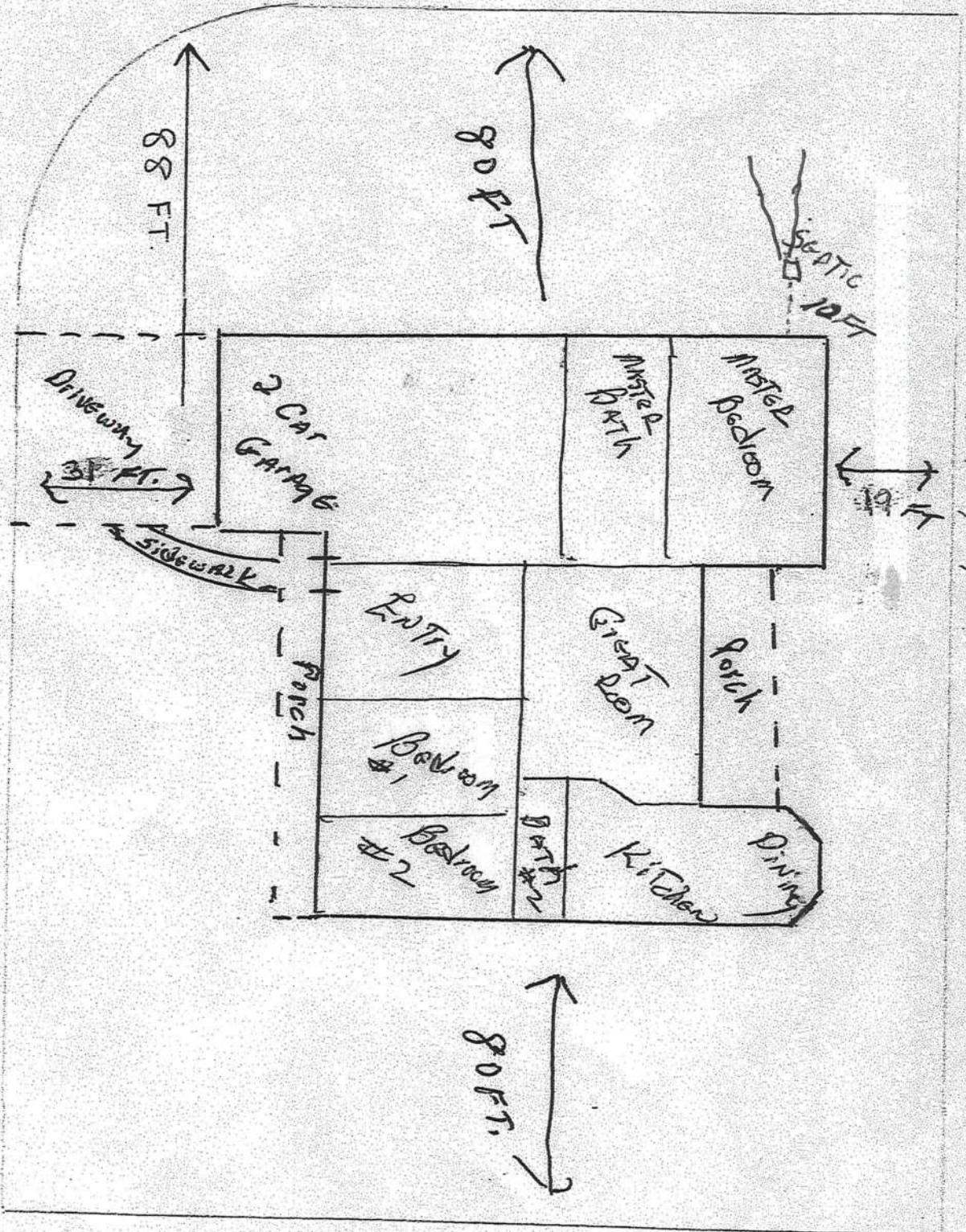
NOTE: Diagrams and illustrations are not to scale and should not be used for framing purposes – consult installation instructions. Product designs, materials, dimensions, specifications, colors and prices subject to change or discontinuance without notice. Built to ANSI Z21.11.2 standards. Consult your distributor for local fireplace code information.

Model	Width	Height	Depth
UVFR/UVFC-600	46-1/4"	43-1/2"	20-5/8"
UVFC/UVFR-500	41-1/4"	37-1/2"	19-5/8"

Framing Dimensions



FT. WHITE



210 FT.

Builder HARVEY Bldg. & CONST. INC.

352-472-4

SITE PLAN

MI HOME PRODUCTS - PRIME ALUMINUM WINDOWS - INSTALLATION INSTRUCTIONS FOR "NAIL FIN" PRODUCTS

MI Home Products appreciates your recent purchase of a maintenance free prime window, which will not rust, rot, mildew, or warp. This is a quality product that left our factory in good condition - proper handling and installation are just as important as good design and workmanship. Please follow these recommendations to allow this product to complete its function.

1. Handle units one at a time in the closed and locked position and take care not to scratch frame or glass or to bend the nailing fin.

2. Set unit plumb and square into opening and make sure that there is 3/16" + 1/16" clearance around the frame. Fasten unit into opening in the closed and locked position, making sure that fasteners are screwed in straight in order to avoid twisting or bowing of the frame. Make sure that sill is straight and level. Check operation of unit before any and all fasteners are set.

3. Use # 8 sheet metal or wood screws with a minimum of 1" penetration into the framing (stud). Place first screws (two at each corner) 3" from end of fin. For positive and negative DPs (design pressures) up to 35, do not exceed 24" spacing of additional screws. For DPs from 35.1 to 50, do not exceed 18". Install load bearing shim adjacent to each anchor. Use shim where space exceeds 1/16".

4. Flash over head and caulk outside perimeter in accordance with code requirements and good installation practices.

5. Fill voids between frame and construction with loose batten type insulation or non-expanding aerosol foam specifically formulated for windows and doors to eliminate drafts. The use of expanding aerosol type insulating foam, which can bow the frame, waives all stated warranties.

6. Remove plaster, mortar, paint and any other debris that may have collected on the unit and make sure that sash/vent tracks and interlocks are also clear. Do not use abrasives, solvents, ammonia, vinegar, alkaline, or acid solutions for clean-up, especially with insulated glass units as their use could cause chemical breakdown of the glass seal. Take care not to scratch glass; scratches severely weaken glass and it could eventually break from thermal expansion and contraction. Clean units with water and mild detergent as you would your automobile.

- CAUTION -

MI Home Products or its representatives are unable to control and cannot assume responsibility for the selection and placement of their products in a building or structure in a manner required by laws, statutes, and/or building codes. The purchaser is solely responsible for knowledge of and adherence to the same. MI Home Products window products are not provided with safety glazing unless specifically ordered with such. Many laws and codes require safety glazing near doors, bathtubs, and shower enclosures. Also be aware of emergency egress code requirements.

Corporate Headquarters:
650 West Market St.
Graz, PA 17030-0370
(717) 365-3300

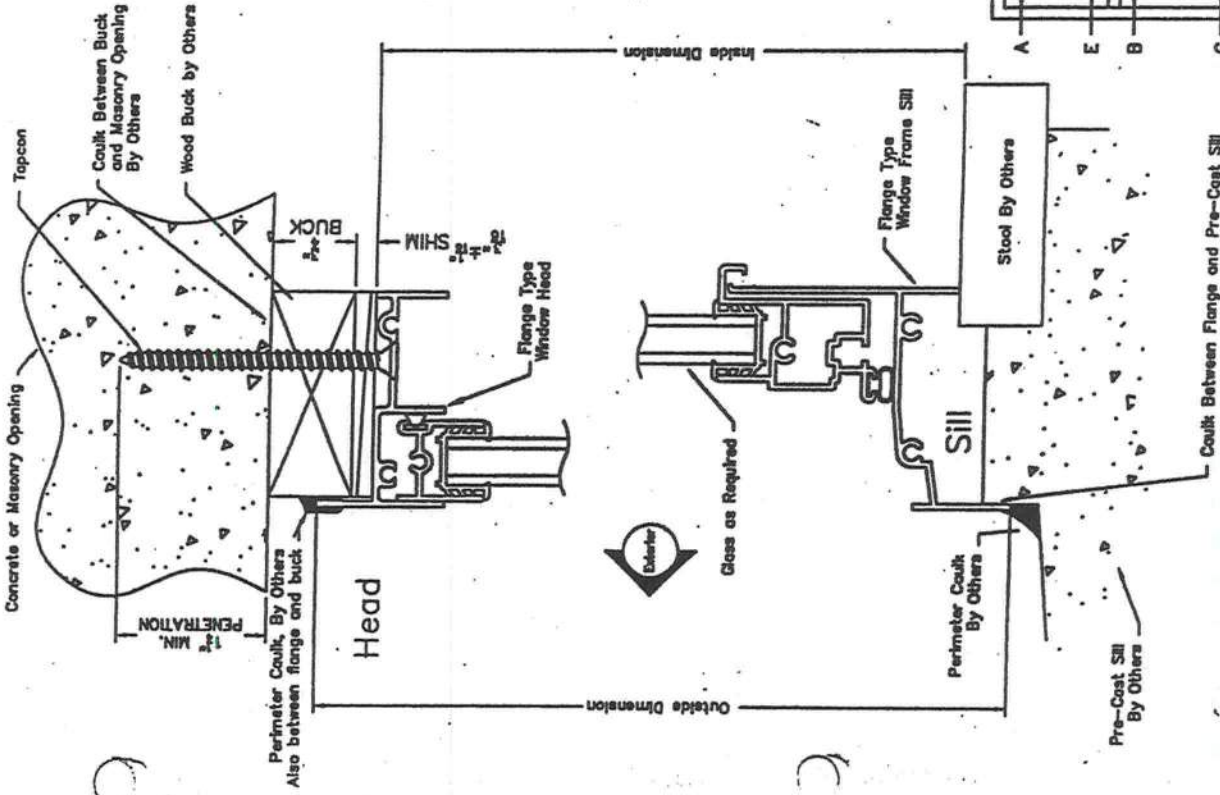
CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME:
DETER BUILT MI HOMES
MASTER FILE # 5





BetterBilt

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



TAPCON * LOCATION CHART		FASTENER LOCATIONS	
CODE SIZE	WINDOW ID SIZE	DP38 TO DP52	DP52.1 TO DP7
12	18 1/8 x 25	A C	A C
13	18 1/8 x 37 3/8	A C	A C
14	18 1/8 x 49 5/8	A C	A C
15	18 1/8 x 62	A C	A B, C
16	18 1/8 x 71 1/4	A C	A B, C
1/2 32	25 1/2 x 25	A C	A C
1/2 33	25 1/2 x 37 3/8	A C	A C
1/2 34	25 1/2 x 49 5/8	A C	A B, C
1/2 35	25 1/2 x 62	A B, C	A B, C
1/2 36	25 1/2 x 71 1/4	A B, C	A B, C
22	36 x 25	A C	A C
23	36 x 37 3/8	A B, C	A B, C
24	36 x 49 5/8	A B, C	A B, C
24S	36 x 55 1/4	A B, C	A B, C
25	36 x 62	A B, C	A B, C
26	36 x 71 1/4	A B, C	A B, C, I
32	52 1/8 x 25	A C	A C
33	52 1/8 x 37 3/8	A B, C	A B, C
34	52 1/8 x 49 5/8	A B, C	A B, C, I
34S	52 1/8 x 55 1/4	A B, C	A B, C, I
35	52 1/8 x 62	A B, C	A B, C, I
36	52 1/8 x 71 1/4	A B, C, D	A B, C, D

*TAPCON® TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAWL, & SIMPSON
Design Pressure values listed above are in PSF

CENTRAL FLORIDA B.O.B.

MANUFACTURER NAME: BETTER BILT M.I. HOMES

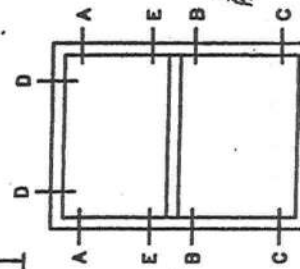
WATER MARK # 3

DATE	1/15/0
BY	S.W.
DATE	02/02/0
BY	ONE
DATE	1/15/0
BY	ONE
DATE	1/15/0
BY	ONE

INSTALLATION INSTRUCTIONS & FASTENER SCHEDULE

740/744 SINGLE HUNG

EXTERIOR ELEVATION



02-200

V43

CA980582-A

07-Feb-2002

88-1012

MI HOME PRODUCTS / BETTER-BILT
VERTICAL MULLION DESIGN LOAD CAPACITIES
FOR ALUMINUM V43 TUBE MULLION (DIE # 6766; APPROX. SIZE: 1 5/8" X 2 1/8" X 1/8")
WHEN USED TO MULL FIN FRAME WINDOWS

WDM. WTH. > MULL SPAN V	24.000	30.000	36.000	37.000	42.000	48.000	53.125
36.000	240.0	218.2	213.3	213.3	213.3	213.3	213.3
42.000	192.0	171.4	160.0	160.0	157.4	157.4	157.4
48.000	160.0	139.1	128.0	126.3	121.5	120.0	120.0
50.625	150.0	129.7	117.1	115.7	111.6	107.9	107.9
54.000	137.1	118.5	106.7	105.5	100.0	96.0	95.0
60.000	110.0	93.8	83.8	82.5	77.3	73.3	71.3
63.000	93.9	79.8	70.9	69.8	65.1	61.4	59.4
72.000	61.1	51.4	45.2	44.4	41.1	38.2	36.4

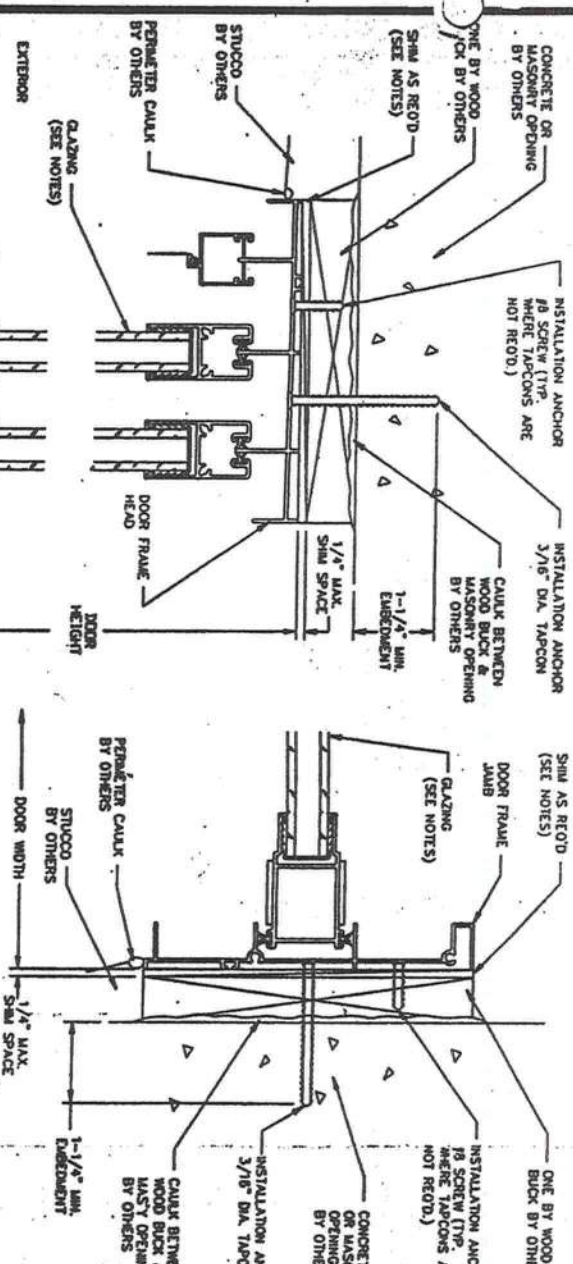
NOTES:

- * CHART APPLIES ONLY TUBE MULLION #5766 WHEN USED TO VERTICAL MULL SERIES 542/05X PW AND / OR SERIES 700/704/740/744 SH WINDOWS
- * READ WINDOW WIDTH AND MULL SPAN IN INCHES
- * WINDOW WIDTH DIMENSIONS REPRESENT THE WIDTH OF EACH WINDOW IN A SINGLE OPENING, NOT THE OVERALL WIDTH OF THE OPENING.
- * DESIGN PRESSURE VALUES ARE NOT LIMITED TO TWO WINDOWS IN A SINGLE OPENING, AND APPLY WHERE ANY NUMBER OF MULLIONS ARE EMPLOYED IN A SINGLE OPENING.
- * DESIGN PRESSURE VALUES ON THIS CHART ARE IN PSF.
- * Dmax = L/175
- * MULLION MUST BE ANCHORED TO SUBSTRATE WITH CLIP NUMBER SECT5785 USING TWO #10 X 1-1/2 SCREWS IN WOOD OR TWO 3/16 IN DIA. X 1-1/2 RAWL TAPPERS OR APPROVED EQUAL IN MASONRY OR CONCRETE.

PREPARED BY:
PRODUCT & APPLICATION ENGINEERING, INC.
250 INTERNATIONAL PARKWAY
SUITE 250
HEATHROW, FLORIDA 32746
PHONE 407 805-0365 / FAX 407 805-0366

GENERAL ELECTRIC
MANUFACTURED BY
BETTER BILT / MI HOME
MASTER FILE # 7

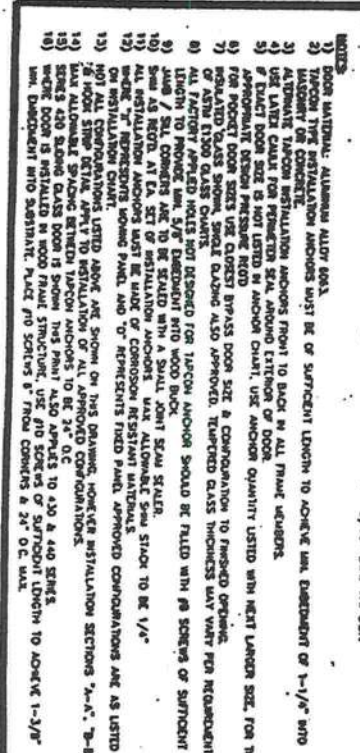
02-1322



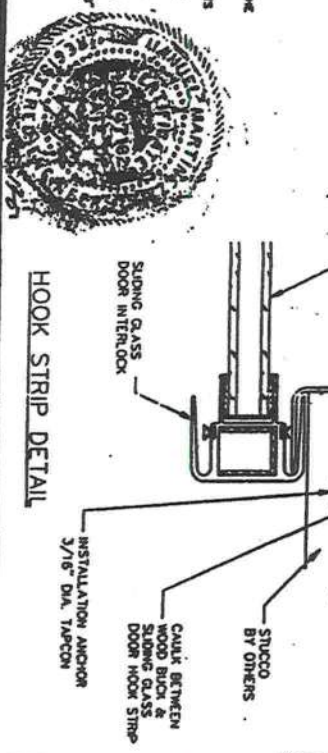
CALL SIZE		DOOR SIZE	TAPCON INSTALLATION CHART											
			LOCATION IN HEAD & SILL AREA											
			UP TO 44 PSF DP	44 PSF TO 60 PSF DP	60 PSF TO 70 PSF DP	70 PSF TO 80 PSF DP	80 PSF TO 90 PSF DP	90 PSF TO 100 PSF DP	100 PSF TO 110 PSF DP	110 PSF TO 120 PSF DP	120 PSF TO 130 PSF DP	130 PSF TO 140 PSF DP	140 PSF TO 150 PSF DP	
5048 X 80, X 80, X 80	6048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
6048 X 80, X 80, X 80	8048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
8048 X 80, X 80, X 80	10048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
10048 X 80, X 80, X 80	12048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
12048 X 80, X 80, X 80	14048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
14048 X 80, X 80, X 80	16048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
16048 X 80, X 80, X 80	18048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
18048 X 80, X 80, X 80	20048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
20048 X 80, X 80, X 80	22048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
22048 X 80, X 80, X 80	24048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
24048 X 80, X 80, X 80	26048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
26048 X 80, X 80, X 80	28048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
28048 X 80, X 80, X 80	30048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
30048 X 80, X 80, X 80	32048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
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34048 X 80, X 80, X 80	36048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
36048 X 80, X 80, X 80	38048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
38048 X 80, X 80, X 80	40048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
40048 X 80, X 80, X 80	42048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
42048 X 80, X 80, X 80	44048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
44048 X 80, X 80, X 80	46048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
46048 X 80, X 80, X 80	48048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
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54048 X 80, X 80, X 80	56048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
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80048 X 80, X 80, X 80	82048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
82048 X 80, X 80, X 80	84048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
84048 X 80, X 80, X 80	86048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
86048 X 80, X 80, X 80	88048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
88048 X 80, X 80, X 80	90048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
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102048 X 80, X 80, X 80	104048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
104048 X 80, X 80, X 80	106048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
106048 X 80, X 80, X 80	108048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
108048 X 80, X 80, X 80	110048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
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114048 X 80, X 80, X 80	116048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
116048 X 80, X 80, X 80	118048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
118048 X 80, X 80, X 80	120048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
120048 X 80, X 80, X 80	122048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
122048 X 80, X 80, X 80	124048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
124048 X 80, X 80, X 80	126048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
126048 X 80, X 80, X 80	128048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
128048 X 80, X 80, X 80	130048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
130048 X 80, X 80, X 80	132048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
132048 X 80, X 80, X 80	134048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
134048 X 80, X 80, X 80	136048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
136048 X 80, X 80, X 80	138048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
138048 X 80, X 80, X 80	140048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
140048 X 80, X 80, X 80	142048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
142048 X 80, X 80, X 80	144048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
144048 X 80, X 80, X 80	146048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
146048 X 80, X 80, X 80	148048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	
148048 X 80, X 80, X 80	150048 X 80, X 80, X 80	80 X 80	1	3	3	3	3	3	3	3	3	3	3	

CENTRAL FLORIDA B.O.A.F. MANUFACTURING NAME:
Better Built MI Homes
MASTER FILE # _____

SECTION A-A

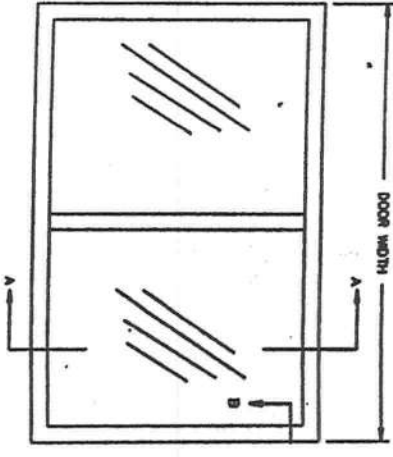


SECTION B-B



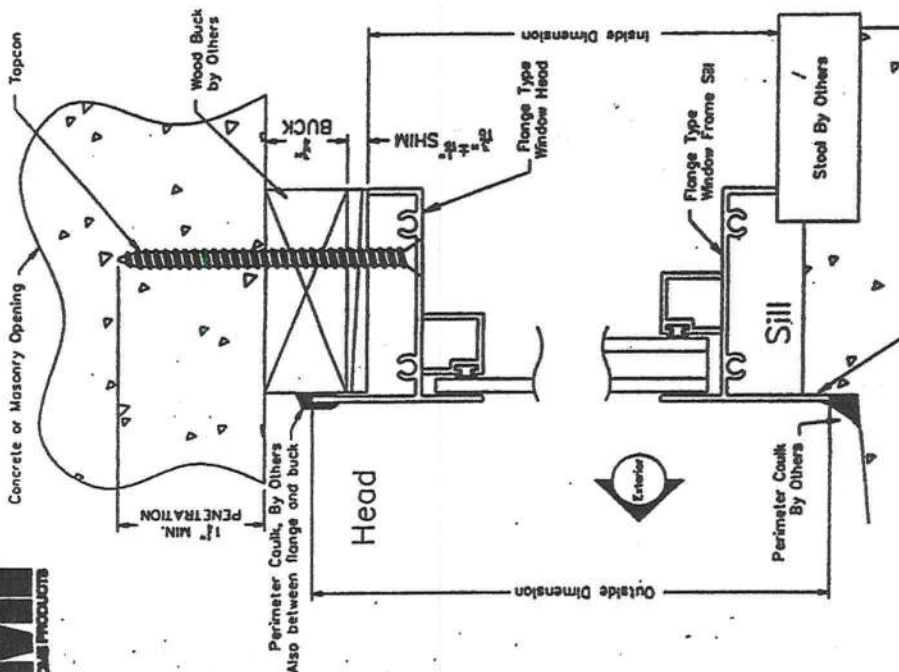
MI HOME PRODUCTS
GRATZ, PA.
TITLE SERIES 420/430/440 SLIDING GLASS DOOR
INSTALLATION WITH TAPCONS
ENGINEER MARTINEZ **DATE** BB
DESIGNED CIVIL **SCALE** N.T.S. **PRINT NO.**
PL. REC. NO. 47182 **REV. LETTER** **SHEET**

EXTERIOR ELEVATION





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



TAPCON TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAIL, & SHIPCON

TYPICAL SPECIALTY SHAPES COVERED BY RECTANGULAR UNITS



CENTRAL FLORIDA B.O.A.F.

MANUFACTURER NAME:

BETTER BILT / MI HOMES

MASTER FILE # 4

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

TAPCON* LOCATION & QUANTITY CHART				
CODE SIZE	WINDOW ID SIZE	SCREWS IN HEAD/SILL		SCREWS IN EACH JAMB
		UP TO DP35	DP35.1 TO DP50	UP TO DP35 DP35.1 TO DP50
3'-0" x 3'-0"	35 1/4 x 35 1/4	2	2	3
3'-0" x 4'-0"	35 1/4 x 47 1/4	2	2	3
3'-0" x 5'-0"	35 1/4 x 59 1/4	2	2	4
4'-0" x 3'-0"	47 1/4 x 35 1/4	2	2	3
4'-0" x 4'-0"	47 1/4 x 47 1/4	2	2	3
4'-0" x 5'-0"	47 1/4 x 59 1/4	2	2	4
4'-0" x 6'-0"	47 1/4 x 71 1/4	2	2	5
5'-0" x 3'-0"	59 1/4 x 35 1/4	2	2	3
5'-0" x 4'-0"	59 1/4 x 47 1/4	2	2	3
5'-0" x 5'-0"	59 1/4 x 59 1/4	2	2	4
6'-0" x 3'-0"	71 1/4 x 35 1/4	2	2	4
6'-0" x 4'-0"	71 1/4 x 47 1/4	2	2	4
6'-0" x 5'-0"	71 1/4 x 59 1/4	2	2	4
6'-0" x 6'-0"	71 1/4 x 71 1/4	2	2	5
7'-0" x 3'-0"	83 1/4 x 35 1/4	2	2	3
7'-0" x 4'-0"	83 1/4 x 47 1/4	2	2	3

INSTALLATION INSTRUCTIONS
& FASTENER SCHEDULE

165-740-744 Flange Fixed Units



App/Seq #	Manufacturer	Category	Subcategory	Validation Entity/Validator	Status
FL586	Elk Corporation	Roofing	Asphalt Shingles		Approved
FL728	Elk Corporation	Roofing	Asphalt Shingles	Miami-Dade BCCO - VAL (305) 375-2901	Approved
FL1476	Elk Corporation	Roofing	Asphalt Shingles	Miami-Dade BCCO - VAL (305) 375-2901	Approved

Go Page:

Search

To edit an application that is NOT YET APPROVED, search for the Application/Seq # and click on the link under "Category".
Revising APPROVED (only) Applications: Click the "Revise Approved Application" button below.

Organization Search

User: Andrew Davis - Not Associated with Organization - Need Help ?

Product Manufacturer: Elk Corporation

Category: (ALL)

Subcategory: (ALL)

Application/Seq #: (## or ###.##)

Application Status: (ALL)

Evaluation Method: (ALL)

Order by: Manufacturer Category Subcategory App / Seq # Status Evaluation Method

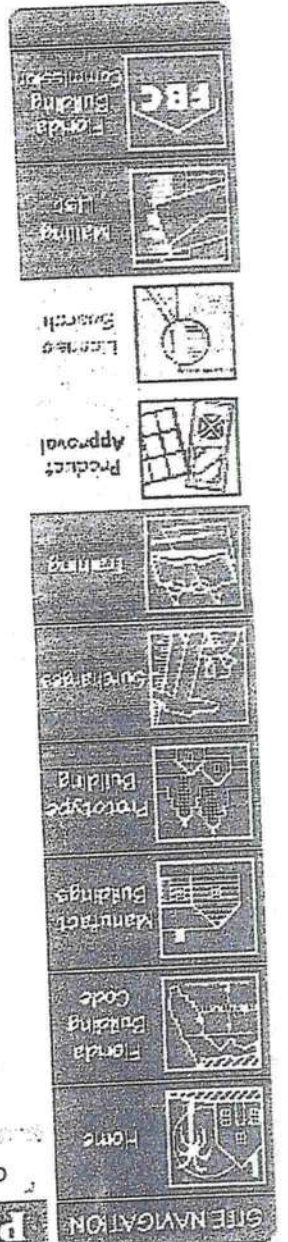
PRODUCT APPROVAL

Overview Product Search Organization Search Application Product

Product Search

The Florida Department of Community Affairs
Building Code Information System

Shingles



December 21, 2001

Dear Elk Distributor:

First, thanks for your tremendous support of our "A Whole Different Animal™" program introduced this past July. Our strategy was to introduce new products and enhancements that allowed us to be competitive and maintain our reputation for producing quality products. With the recent warranty changes in the market, we find that we need to make adjustments in order for you to maintain a competitive posture with Elk products.

Elk Warranties Effective January 02, 2002*

- Prestique® Plus High Definition® 50 (previously P40) - 50 years, 110 mph limited wind warranty**
 - Prestique I High Definition 40 (previously P35) - 40 years, 90 mph limited wind warranty**
 - Prestique High Definition 30 - 30 years, 80 mph limited wind warranty
 - Raised Profile™ (previously P25) - 30 years, 70 mph limited wind warranty
- (**Requires Elk Starter and 6 nails or warranty is 80 mph.)

Due to the rapidity of these changes, it will be impossible to have proper wrappers, literature and warranties prepared to meet our January 02 effective date. The changes made for our *Whole Different Animal* program took 4-5 months to put in place. Unfortunately, there will be some confusion in the marketplace until all changes can be made. We will minimize this as quickly as possible through stickering and preparation of marketing tools that can be used by your employees and customers.

Sincerely,

Curt A. Barker
Vice President, Sales & Marketing
Elk Corporation of America

* Except as provided in this table, the limited warranty remains the same.



March 6, 2002

Subject: Elk Product Approval Information

All Prestique® and Capstone® products manufactured in Tuscaloosa, AL are certified under the Miami - Dade County Building Code Office (BCCO). These products also meet the requirements for the Florida Building Code since they are MD approved. The following test protocols must be passed by each of the products in order for MD product certification:

ASTM D3462

PA 100 (110 mph uplift and wind driven rain resistance)

PA 107 (Modified ASTM D3161 - 110 mph wind uplift resistance)

The nailing patterns that were used during the PA 100 and PA 107 wind test protocols for the Prestique and Capstone products are listed below. Also listed below are the Miami - Dade Notice of Acceptance Numbers (NOA).

Raised Profile, Prestique High Definition, Prestique 25, or Prestique 30 -

PA 100 = 4 nails
PA 107 = 5 nails
MD NOA# = 01-1226.04

Prestique I 35 or Prestique I* -

PA 100 = 4 nails
PA 107 = 5 nails
MD NOA# = 01-1226.05

Prestique Plus or Prestique Gallery Collection* -

PA 100 = 4 nails
PA 107 = 4 nails
MD NOA# = 01-1226.03

Capstone*

PA 100 = 4 Nails
PA 107 = 4 Nails

MD NOA# = 01-0523.01

* As per the Elk Limited Warranty, six nails are required for the Elk high wind warranty.

If there are any questions please contact:

Mike Reed - Technical Manager or

Daniel Delamette - QA Engineer
(205) 342-0298

(205) 342-0287

FL2143	Elk Corporation	Roofing	Asphalt Shingles	PRI Asphalt Technologies, Inc. (813) 621-5777	Approved
FL3453	Elk Corporation	Roofing	Underlayments		Pending FBC Approval
FL3461	Elk Corporation	Roofing	Underlayments	PRI Asphalt Technologies, Inc. (813) 621-5777	Approved

Page: Go

New Product



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**Short Form
Entire House
Bounds Heating & Air**

Job: 1539 sqft
Date: 06/03/05
By: BB

P.O. BOX 1617, Newberry, FL 32669 Phone: (352)472-2761 Fax: (352) 472-1809

Project Information

For: Harvey Construction
Ft. White,

Design Information

Outside db (°F)	33	94	Method	Infiltration
Inside db (°F)	70	75	Construction quality	
Design TD (°F)	37	19	Fireplaces	
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	49		

HEATING EQUIPMENT

COOLING EQUIPMENT

Make	Carrier	Make	Carrier
Trade	WeatherMate 38YCC	Trade	WeatherMate 38YCC
Model	38YCC03030	Coil	CC5A/CD5AA030+TDR.90
Efficiency	7 HSPF	Efficiency	10 SEER
Heating input	28600 Btuh @ 47°F	Sensible cooling	19460 Btuh
Heating output		Latent cooling	8340 Btuh
Temperature rise	28 °F	Total cooling	27800 Btuh
Actual air flow	927 cfm	Actual air flow	927 cfm
Air flow factor	0.032 cfm/Btuh	Air flow factor	0.051 cfm/Btuh
Static pressure	1.00 in H2O	Static pressure	1.00 in H2O
Space thermostat		Load sensible heat ratio	0.84

ROOM NAME	Area (ft²)	Htg load (Btuh)	Cig load (Btuh)	Htg AVF (cfm)	Cig AVF (cfm)
Bedroom 1	270	5451	2350	175	119
Bath 1	170	2413	941	78	48
Laundry	77	2252	2182	72	110
Entry	91	1742	714	56	36
Great Room	338	3333	2245	107	114
Bedroom 2	150	2586	2030	83	103
Bedroom 3	165	4084	2351	131	119
Bath 2	66	1055	435	34	22
Kitchen	100	1185	1803	38	91
Dining	112	4698	3276	151	166

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

wrightsoft Right-Suite Residential 5.9.35 RSR25683

C:\Documents and Settings\Bryan Bounds\My Documents\Wrightsoft HVAC\Harvey conf\ White 1539sqft.r



Duct System Summary Entire House Bounds Heating & Air

Job: 1539 sqft
Date: 06/03/05
By: BB

P.O. BOX 1617, Newberry, FL 32669 Phone: (352)472-2761 Fax: (352) 472-1809

Project Information

For: Harvey Construction
Ft. White,

External static pressure 1.00 in H2O
Pressure losses 0.30 in H2O
Available static pressure 0.70 in H2O
Supply / return available pressure 0.35 / 0.35 in H2O
Lowest friction rate 0.100 in/100ft
Actual air flow 927 cfm
Total effective length (TEL) 0 ft

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Cig (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Fig.Eqv Ln (ft)	Trunk
Bedroom 1	5451	175	119	0.100	8	16x4	VFX	0.0	0.0	
Bath 1	2413	78	48	0.100	6	16x2	VFX	0.0	0.0	
Laundry	2182	72	110	0.100	7	16x3	VFX	0.0	0.0	
Entry	1742	56	36	0.100	5	16x1	VFX	0.0	0.0	
Great Room	2245	107	114	0.100	7	16x3	VFX	0.0	0.0	
Bedroom 2	2030	83	103	0.100	7	16x3	VFX	0.0	0.0	
Bedroom 3	4084	131	119	0.100	7	16x3	VFX	0.0	0.0	
Bath 2	1055	34	22	0.100	4	16x1	VFX	0.0	0.0	
Kitchen	1803	38	91	0.100	6	16x2	VFX	0.0	0.0	
Dining	3276	151	166	0.100	8	16x4	VFX	0.0	0.0	

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Cig (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x0	927	927	0.0	0.050	379	20	16 x 22		VFX	

Bold/italic values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

TOTALS					
Entire House	d	1539	28799	18327	927
			2336	1200	
				19331	
Other equip loads				3794	
Equip. @ 0.99	RSM				
Latent cooling					
		1539	31135	23125	927
					927

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE
COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING
CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED
ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE
ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC
WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

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

INTERSTATE 75.

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

- Plans Examiner
- Applicant
- ☐ All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
- ☐ Designer's name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
- Site Plan including:
- a) Dimensions of lot
 - b) Dimensions of building set backs
 - c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
 - d) Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required

Plans or specifications must state compliance with FBC Section 1609.

The following information must be shown as per section 1603.1.4 FBC

- a. Basic wind speed (3-second gust), miles per hour (km/hr).
- b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.
- c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated.
- d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient.
- e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional.

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation

1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termicide or alternative method)
10. Slab on grade
- a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
- b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

Wall Sections including:

- a) Truss package including:
1. Truss layout and truss details signed and sealed by FI, Pro. Eng.
 2. Roof assembly (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
1. Rafter size, species and spacing
 2. Attachment to wall and uplift
 3. Ridge beam sized and valley framing and support details
 4. Roof assembly (FBC 106.1.1.2) Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

a) Truss package including:

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

Foundation Plan including:

- Fla. Administrative Code 9B-72 (see attach forms).
- (d) Show safety glazing of glass, where required by code.
- (e) Identify egress windows in bedrooms, and size.
- (f) Fireplace (gas vented, gas non-vented, or wood burning with hearth, (Please circle applicable type).
- (g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
- (h) Must show and identify accessibility requirements (accessible bathroom)

Floor Plan including:

- d) Location, size and height above roof of chimneys.
- e) Location and size of skylights
- f) Building height
- e) Number of stories

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

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

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

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

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

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

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

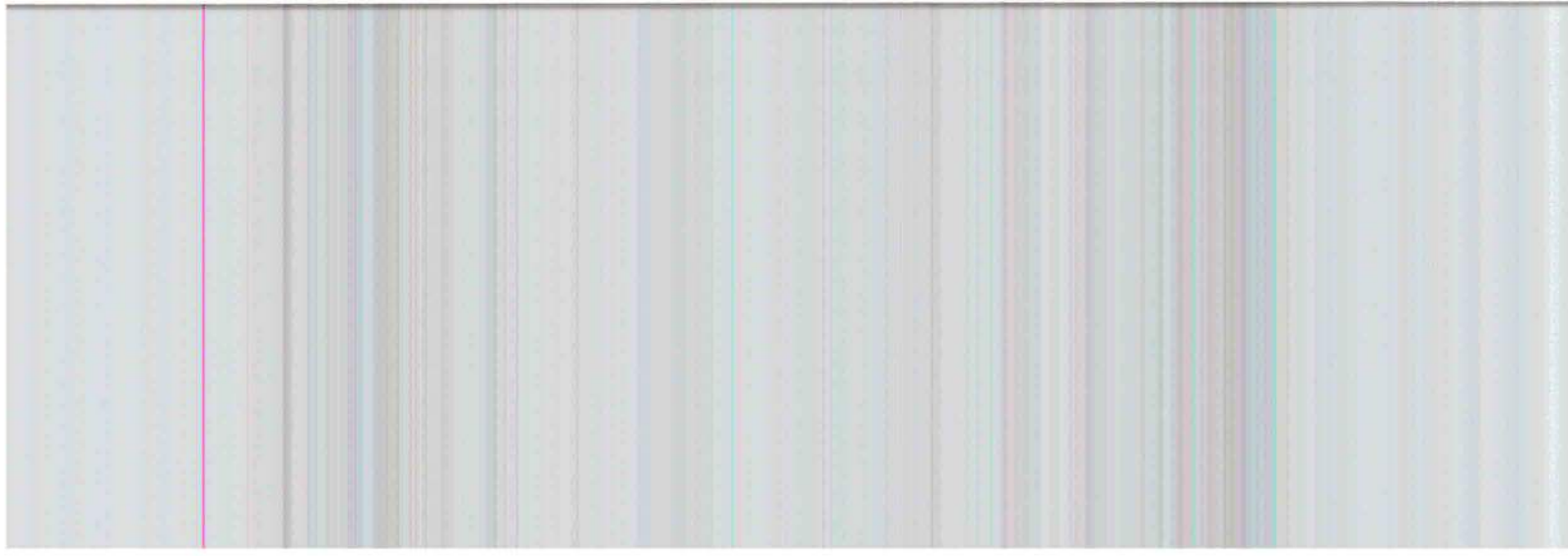
PRODUCT APPROVAL SPECIFICATION SHEET

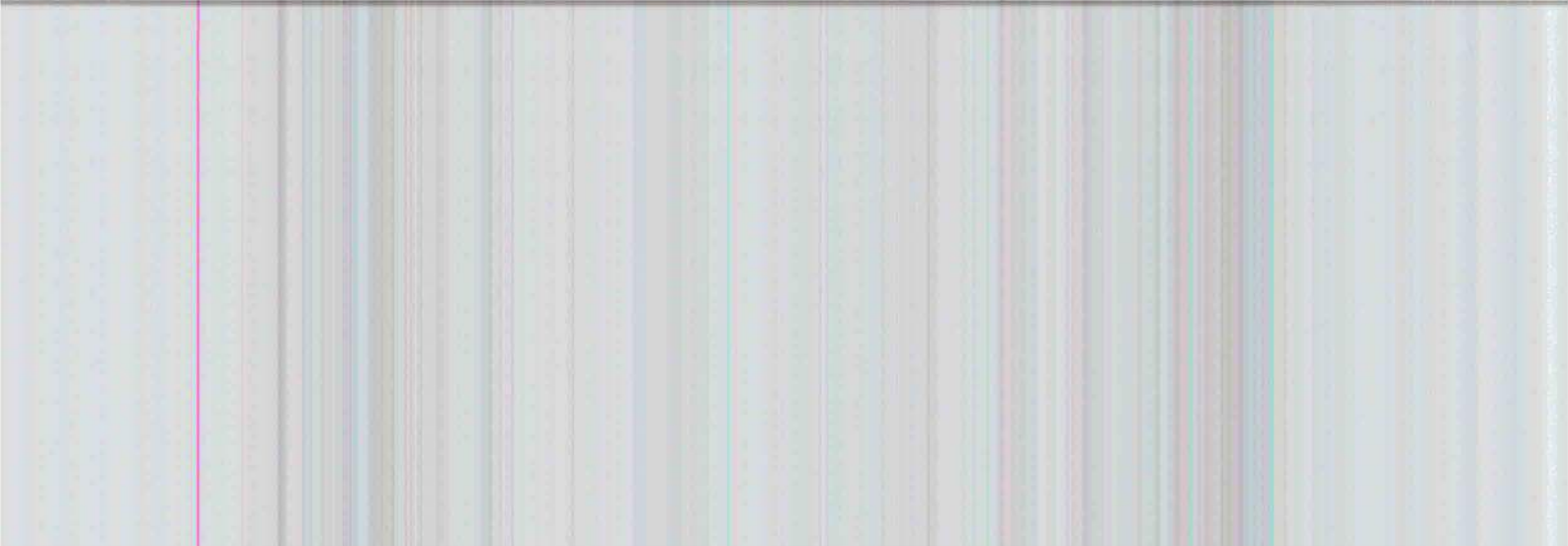
Location:

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 Rt			
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			





Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives - Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Location

Contractor or Contractor's Authorized Agent Signature

Permit # (FOR STAFF USE ONLY)

Print Name

Date

NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

RON BARLOW, P.E.
CIVIL & STRUCTURAL
ENGINEERING

Columbia County Building Department
Post Office Box 1529
Lake City, FL 32056-1529
(352) 758-1163 Voice
(352) 758-7088 Fax

December 14, 2005

Re: Foundation Bearing Value Revision – Permit #0512-08
Lot 9, Block A – Hollingsworth Estates (Parcel #3465-16-04059-209)
128 SW Walton Glen - Fort White, FL
Skip Harvey (Contractor)
Job #05053

Dear Building Official:

The Structural Design Report that was submitted under FBC 2001 prior to October 31, 2004 is valid and reflects the new code sections of FBC 2004 relating to wind load design requirements.

Also, the soil bearing value can be reduced from 1500 to 1000 psi for the preparation of the soil for the foundation for the above referenced project.

If you have any questions concerning this matter please give me a call at (352) 335-6724.

Respectfully yours,



Ron Barlow, P.E. 12-14-05

Dec 06 05 03:10p

Gerald Harvey

(352) 472-6582

P. 1

PRM# 23979

NOTICE OF COMMENCEMENT

PARCEL #

CITY OF: Ft. White

COUNTY OF: Columbia

STATE OF: FLORIDA

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

DESCRIPTION OF PROPERTY

L.O.T. 9 BLOCK: A SECTION: MK
TOWNSHIP: RANGE:
SUBDIVISION: Hollingsworth Estates
PLATBOOK: 5 MAP PAGE: 122
STREET ADDRESS: 128 SW Walton Blvd

GENERAL DESCRIPTION OF IMPROVEMENT

TO CONSTRUCT: Single family residence

OWNER INFORMATION

OWNER(S) NAME: James A. McGlynn & Rhonda G. Reyes Talala
ADDRESS: 2427 NW 147th St
CITY: Newberry
INTEREST IN THE PROPERTY: Owners
FEE SIMPLE TITLEHOLDER NAME:
FEE SIMPLE TITLEHOLDER ADDRESS:
(IF OTHER THAN OWNER)

CONTRACTOR NAME: Harvey Building & Construction
ADDRESS: 25108 N.W. 68th Lane
CITY: High Springs STATE: FLORIDA #1 ZIP CODE: 32643
PHONE NUMBER: 352-339-3839
ZIP CODE: 32669

Persons within the State of Florida designated by Owner upon whom notices other documents may be served as provided by Section 713.13(1) (a) 7, Florida Statutes:
NAME: Gerald Harvey
ADDRESS: 25108 NW 68th Ln, High Springs FL 32643
In addition to himself, Owner designates
to receive a copy of the Lienor's Notice provided in Section 713.13(1) (b), Florida Statutes.

Expiration date is 1 year from date of recording unless a different date is specified.

SIGNATURE OF OWNER:

Sworn to and subscribed before me this 21st day of December, 2005.

Notary Public:

Signature

SEAN PETERS
Notary Public, State of Florida
My comm. expires June 6, 2008
No. DD 326145



Consultants In: Geotechnical Engineering • Environmental Sciences • Construction Materials Testing

66870000 *W. J. W. J.*

CLIENT: Harvey Building & Construction P.O. Box 526 Newberry, FL 32669

PROJECT: Mary Res. Hollingsworth Estates Lot #9

128 S.W. Walton Glen, Fort W. H., TX 32038, Columbia County

AREA TESTED: Fill & prop bldg pad and Found.

COURSE: PLA

TYPE OF TEST: ASTM D-2922

DATE TESTED: 1-10-05

DEPTH OF TEST: 0-1'

NOTE: The below tests DO/DO NOT meet the minimum 95 % compaction requirements of maximum density.

of maximum density.

73979

REMARKS:

LOCATION OF TESTS	DRY DEN.	MAX. DEN.	% MAX. DEN.	% MOIST.	OPT. MOIST.
App. rate of S. Found.	101.2	105.5	95.9	6.1	10.0
App. rate of prod.	101.8		96.5	5.4	
App. rate of N. Found.	101.4		96.1	5.8	

CERTIFICATE OF OCCUPANCY

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 34-6S-16-04059-209

Building permit No. 000023979

Use Classification SFD, UTILITY

Fire: 35.52

Permit Holder HARVEY BUILDING & CONST

Waste: 73.50

Owner of Building HARVEY BUILDING & CONSTRUCTION

Total: 109.02

Location: 128 SW WALTON GLEN(HOLLINGSWORTH EST., LOT 9)

Date: 04/17/2006

Paul J.

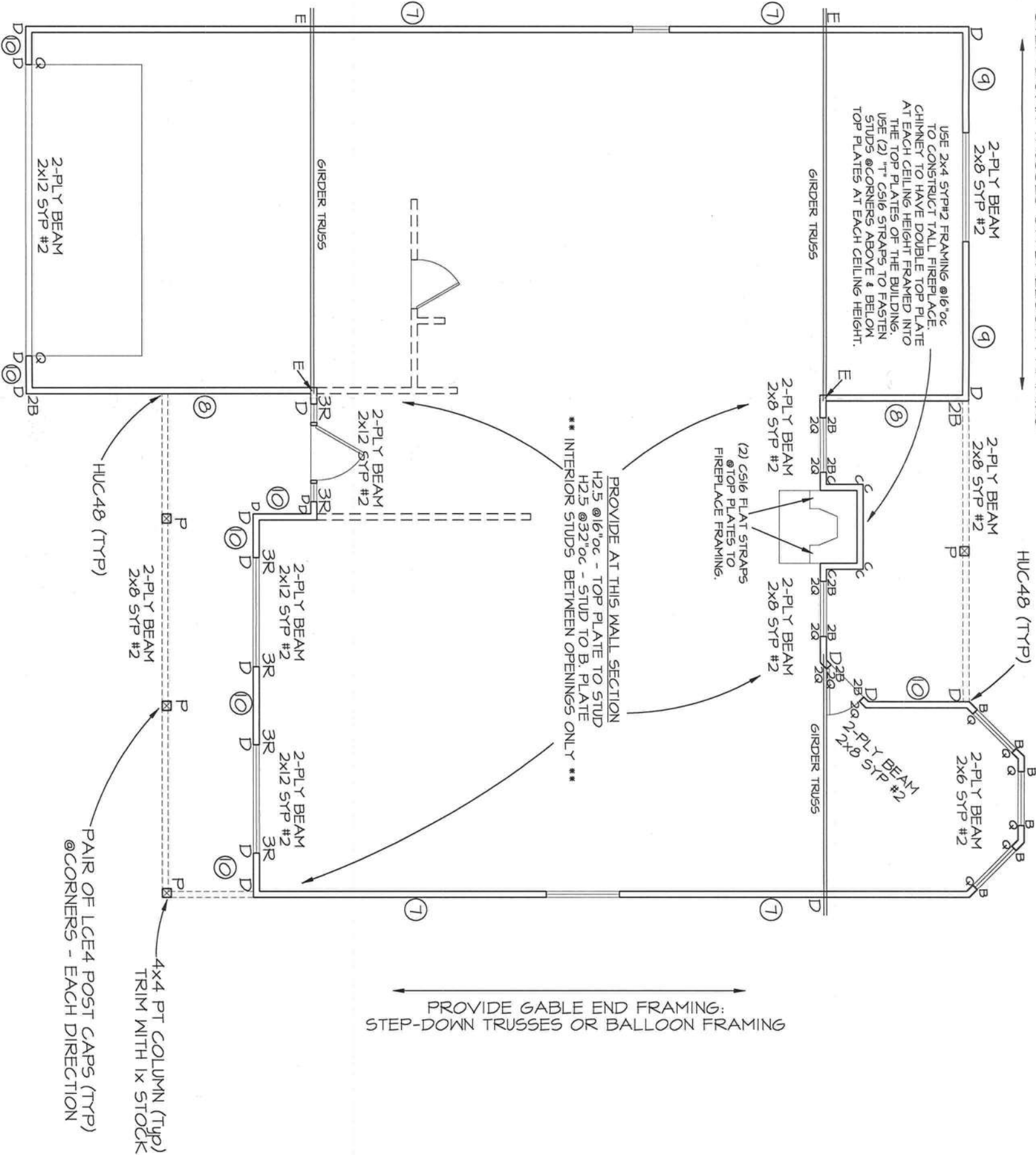
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



PROVIDE GABLE END FRAMING:
STEP-DOWN TRUSSES OR BALLOON FRAMING

PROVIDE GABLE END FRAMING:
STEP-DOWN TRUSSES OR BALLOON FRAMING



SEE SCHEDULES

⑤ - Shearwall Type (Shearwall Schedule)
A - Fastener Type (Fastener Schedule)
All Fasteners are Simpson unless otherwise noted.
Note Header Size @ Windows, etc.

SEE FRAMING DETAIL FOR THIS WALL

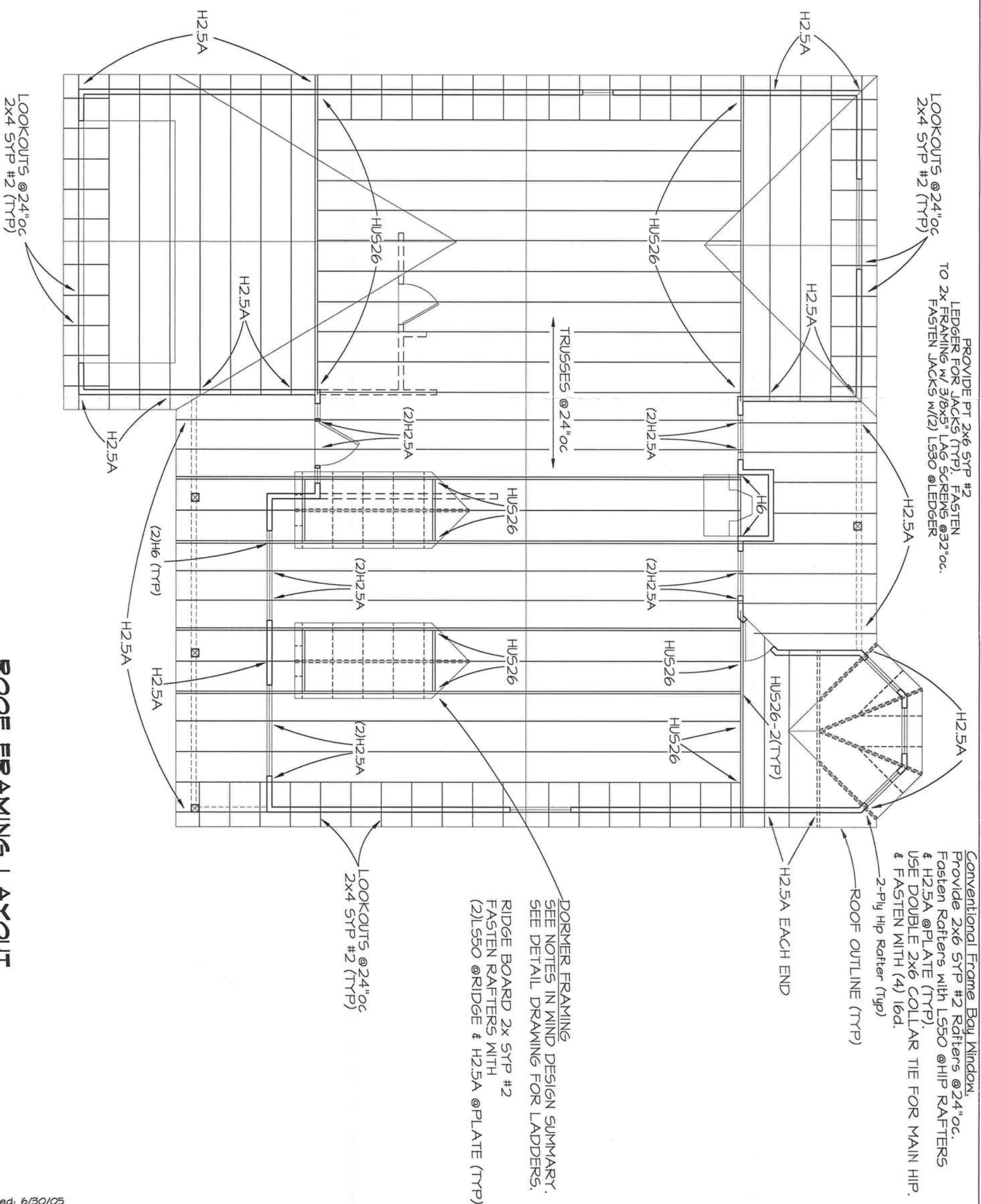
PROVIDE GABLE END FRAMING:
STEP-DOWN TRUSSES OR BALLOON FRAMING

PROVIDE GABLE END FRAMING:
STEP-DOWN TRUSSES OR BALLOON FRAMING

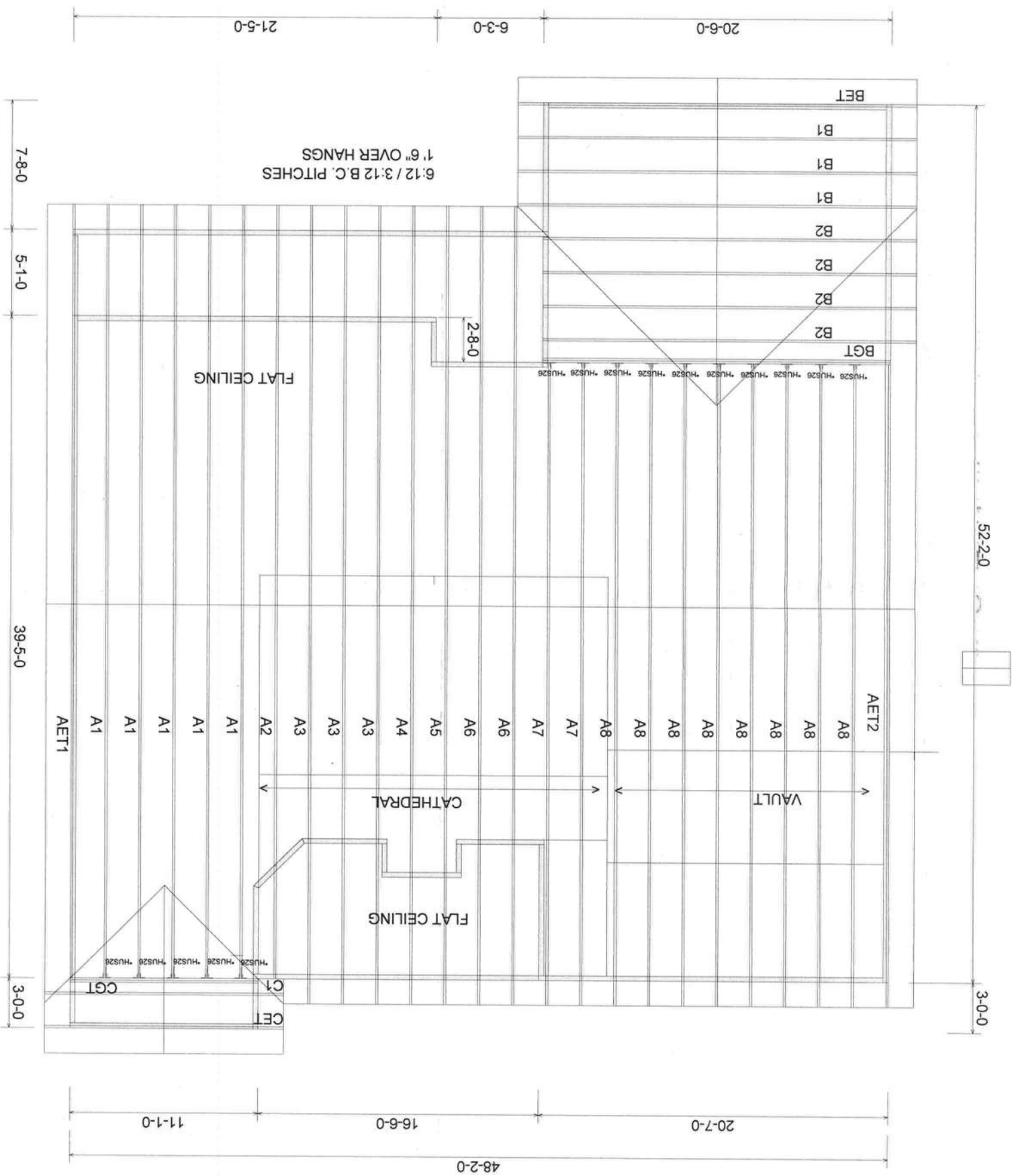
SHEARWALL FRAMING LAYOUT

Nts

- NOTES: 1) All Fasteners are Simpson.
2) Provide clip each Truss/Rafter End between Leaders.
3) Install Double (2) Clips Diagonally across from Each Other to Avoid Spilling Truss.



ROOF FRAMING LAYOUT



Truss		
Location	Manuf.	Product
Member		
Girder : BGT		
2-1-4	User defined "HUS26	A8
4-1-4	User defined "HUS26	A8
6-1-4	User defined "HUS26	A8
8-1-4	User defined "HUS26	A8
10-1-4	User defined "HUS26	A8
12-1-4	User defined "HUS26	A8
14-1-4	User defined "HUS26	A8
16-1-4	User defined "HUS26	A8
18-1-4	User defined "HUS26	A7
20-1-4	User defined "HUS26	A7
Girder : CGT		
1-0-4	User defined "HUS26	A1
3-0-4	User defined "HUS26	A1
5-0-4	User defined "HUS26	A1
7-0-4	User defined "HUS26	A1
9-0-4	User defined "HUS26	A1

Santa Fe Truss
PO BOX 1298
HIGH SPRINGS, FL 32655
(386) 454-7711 FAX (386) 454-1055

**HARVEY BUILDERS AND
CONSTRUCTION, INC.**

JOB
SPEC 2

DATE
JUNE 10, 2005

DRAWN BY
MAC

PROJECT
HBSPEC2

Notice of Treatment 40324

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 116 NW 16 AVE

City GRILLE Phone 376-2661

Site Location: Subdivision HOLLINGSWORTH EST.

Lot # _____ Block# _____ Permit # 23979

Address 128 SW WALTON GLEN FTW

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
---------------------	--------------------------	------------------------

☒ 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

PERIMETER

132.0

26

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 (BE).

4/4/06
Date

835
Time

BILL E.
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: 116 NW 16 Ave

City: CoVille

Phone: 376-2061

Site Location: Subdivision

Hollingsworth Blvd F

Lot # 9

Block#

Permit #

23979

Address 128 SW Walton Glen

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

MB

2324

116.2

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 _____.

1-10-06

Date

11:20

Time

Josh Mc

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

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