Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0601-43 Date Received 1-17-06 By G Permit # 24056

Application Approved by - Zoning Official BLK Date 19.01.06 Plans Examiner OK JTH Date 1-19-06

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

Comments

Applicants Name Scott. J. ZAWOY Phone 386-497-1008

Address 711 SW California TERR. Fort. White FL 32038

Owners Name Scott J ZAWOY Phone 386-497-1008

911 Address 711 SW California terr, Fort white FL 32038

Contractors Name Homeowner - Scott ZAwoy Phone 386-497-1008

Address 711 SW California TERR Fort White FL 32038

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disoway PO Box 868 Lake city FL 32056

Mortgage Lenders Name & Address N/A

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

Property ID Number 00-00-00-00909-032 Estimated Cost of Construction 8000.00

Subdivision Name 3 Rivers Est Lot 35 (32, 33, 34) Block ____ Unit 14 Phase ____

Driving Directions Lake city to ft. white - 3rivers estates.
475 TR 27, TL Culler St, go straight at stop sign,
TR ON California Terr, 1st drive on right.

Type of Construction WOOD FRAME - Garage ATTached Number of Existing Dwellings on Property 1

Total Acreage 5 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 135 Side 100 Side 500 + Rear 140

Total Building Height 12' Number of Stories 1 Heated Floor Area 0 Roof Pitch ____
TOTAL 1056

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

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

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

Scott Zawoy
Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

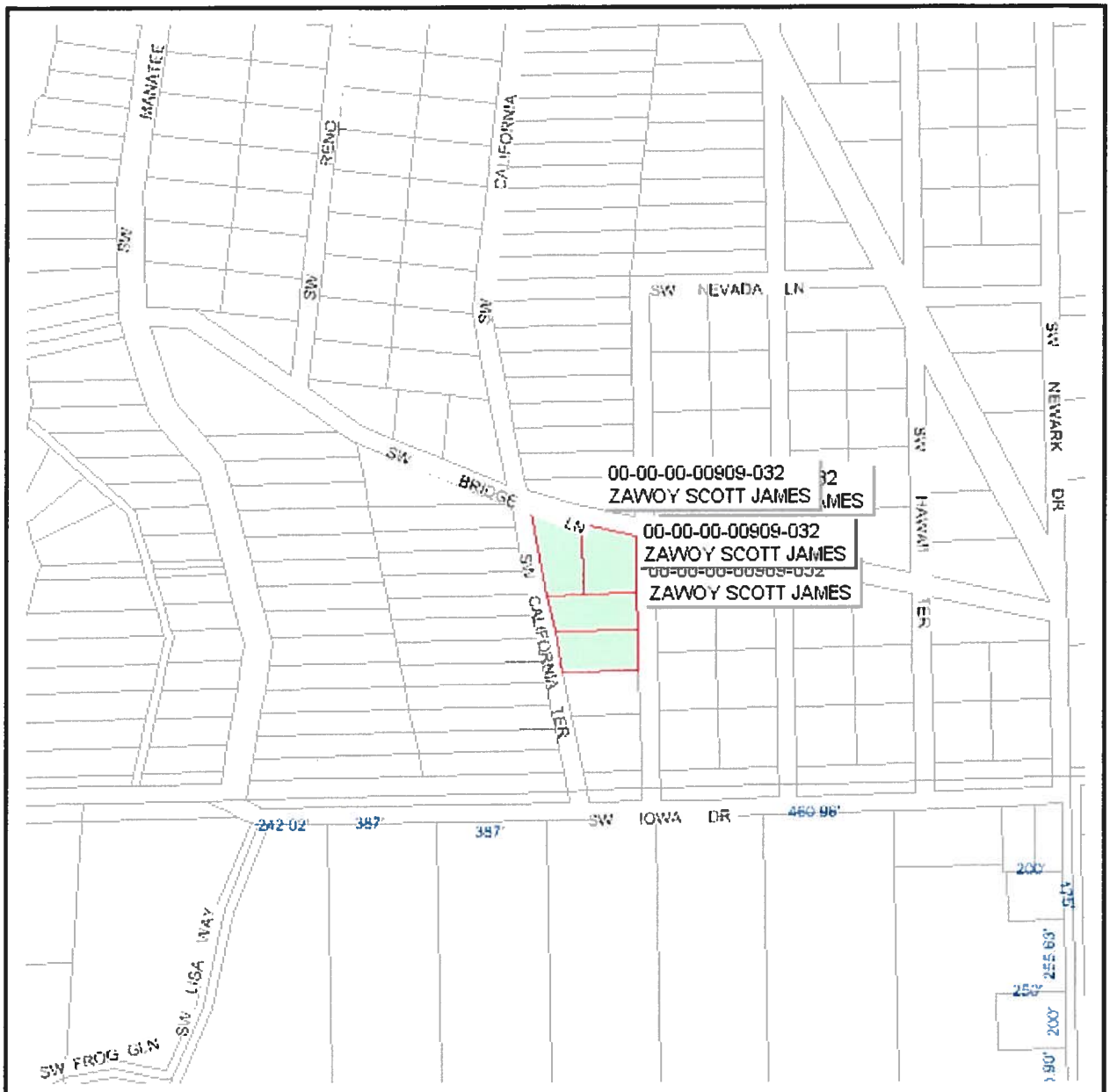
NOTARY STAMP/SEAL: DEBRA DEDDER MY COMMISSION # DD 233586 EXPIRES: June 28, 2008 Bonded Thru Notary Public Underwriters

Sworn to (or affirmed) and subscribed before me this 17th day of January 20 06.

Personally known ____ or Produced Identification DL

Notary Signature

Clerk 1378



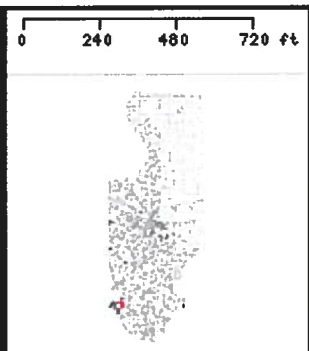
Columbia County Property Appraiser

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

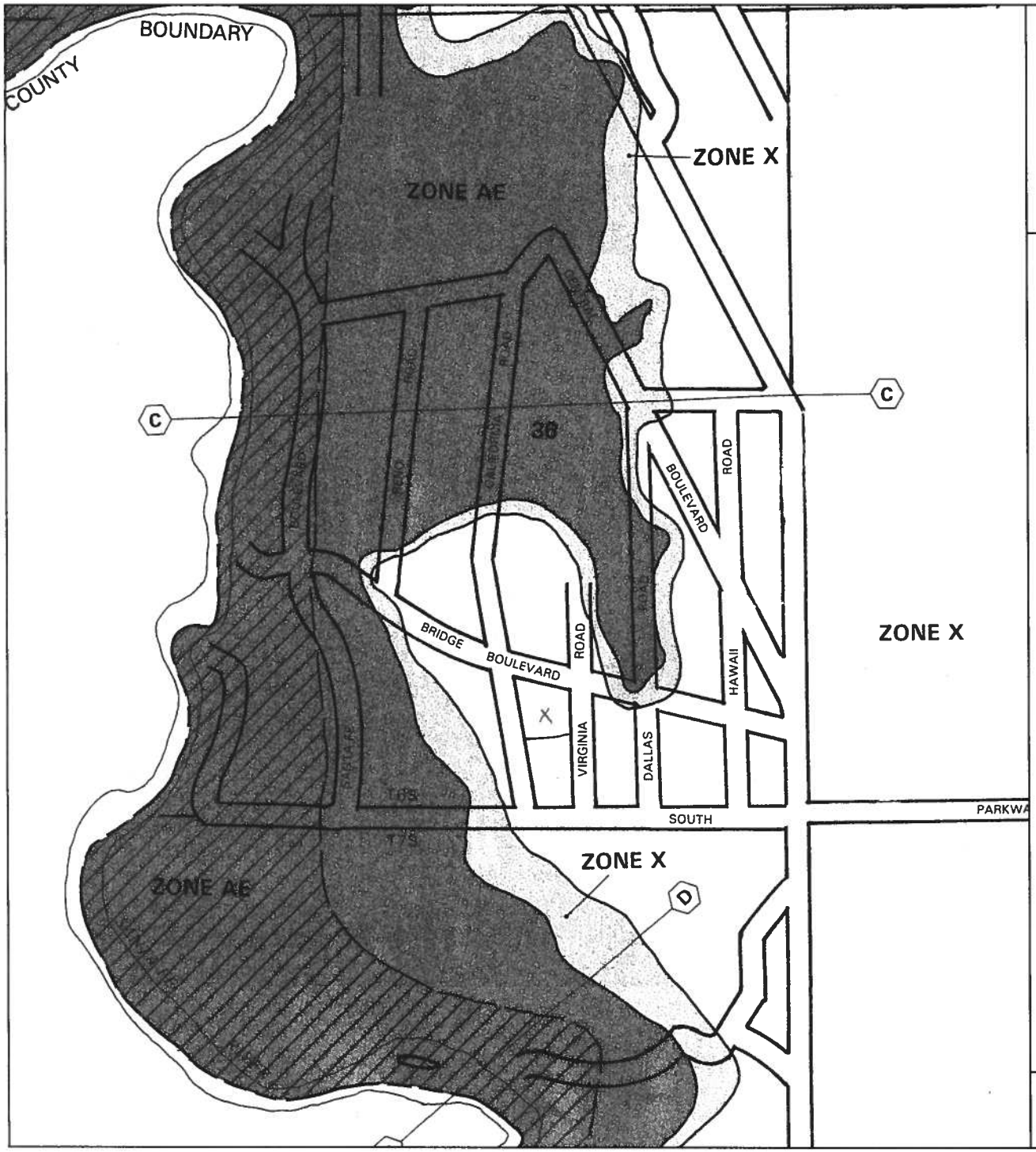
PARCEL: 00-00-00-00909-032 HX - MOBILE HOM (000200)

LOTS 32, 33, 34 & 35 UNIT 14 THREE RIVERS ESTATES. ORB 826-231, CD 827-1624,

Name:	ZAWOY SCOTT JAMES	LandVal	$19,340.00
Site:	CALIFORNIA	BldgVal	$24,747.00
Mail:	711 SW CALIFORNIA TER FORT WHITE, FL 32038	ApprVal	$44,279.00
		JustVal	$44,279.00
Sales	1/11/1999 $100.00 V / U	Assd	$44,089.00
Info	12/7/1998 $0.00 I / U	Exmpt	$25,000.00
		Taxable	$19,089.00



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, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



N

APPROXIMATE SCALE IN FEET

1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

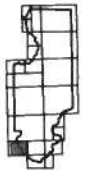
FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 255 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0255 B

EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

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

Print Date: 1/19/2006 (printed at scale and type A)

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

2005 Proposed Values

Parcel: 00-00-00-00909-032 HX

Tax Record | Property Card | Interactive GIS Map | Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	ZAWOY SCOTT JAMES
Site Address	CALIFORNIA
Mailing Address	711 SW CALIFORNIA TER FORT WHITE, FL 32038
Brief Legal	LOTS 32, 33, 34 & 35 UNIT 14 THREE RIVERS ESTATES. ORB 826-231, CD 827-1624,

Use Desc. (code)	MOBILE HOM (000200)
Neighborhood	100000.14
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	$19,340.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$24,747.00
XFOB Value	cnt: (1)	$192.00
Total Appraised Value		$44,279.00

Just Value		$44,279.00
Class Value		$0.00
Assessed Value		$44,089.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$19,089.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
1/11/1999	872/2036	WD	V	U	01	$100.00
12/7/1998	870/1904	WD	I	U	01	$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1985	WD or PLY (08)	1248	2406	$24,747.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

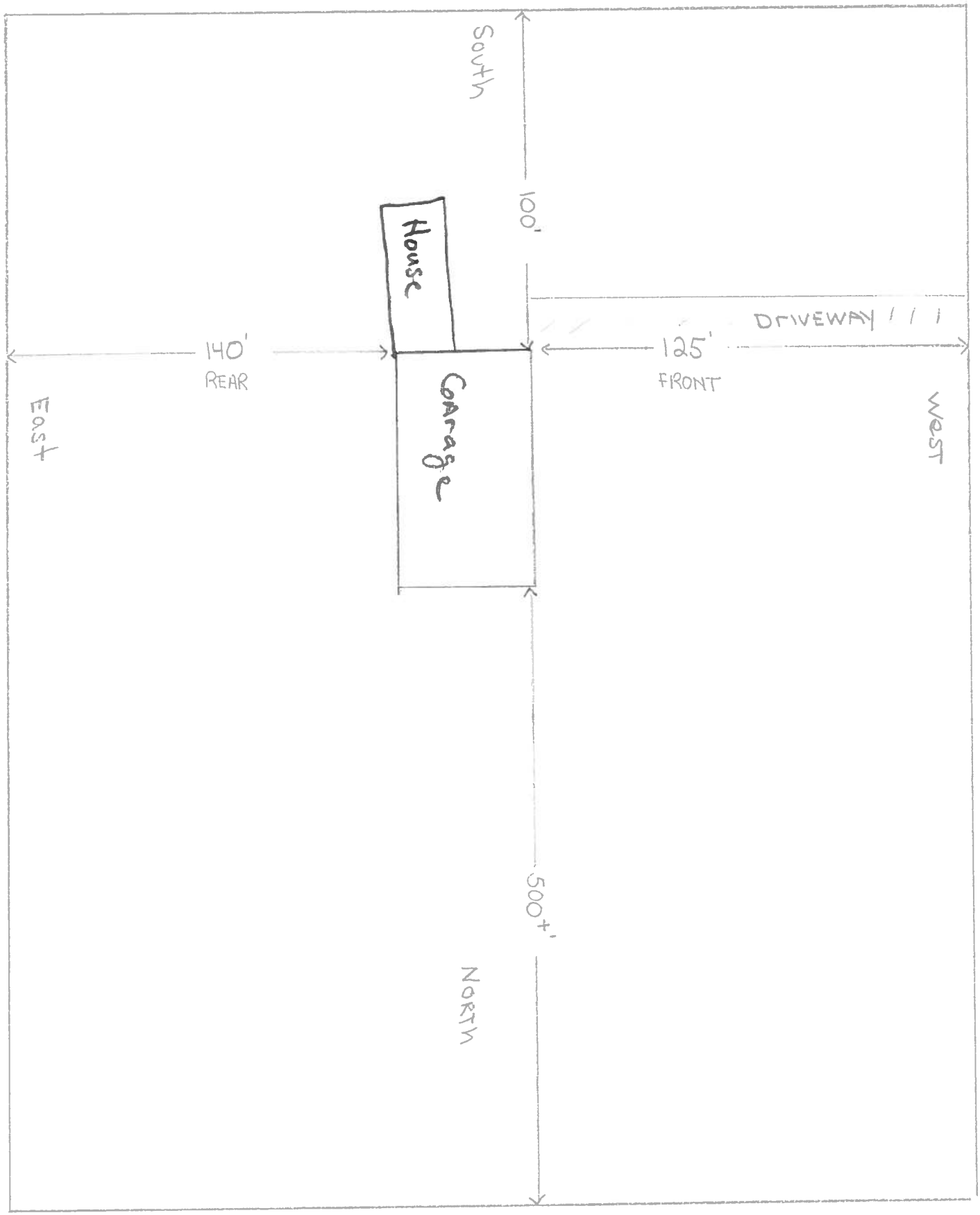
Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0294	SHED WOOD/	0	$192.00	64.000	8 x 8 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	4.000 LT - (.000AC)	1.00/1.00/.85/1.00	$4,335.00	$17,340.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	$2,000.00	$2,000.00

Columbia County Property Appraiser DB Last Updated: 9/16/2005

1 of 1


South
100'
House
Garage
Driveway
140'
REAR
125'
FRONT
East
West
500+'
North
Property lines

TICE OF COMMENCEMENT FORM
LUMBIA COUNTY, FLORIDA

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

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

Tax Parcel ID Number 00-00-00-00909-032

1. Description of property: (legal description of the property and street address or 911 address)
Private Home 711 SW california TERR, Ft. White FL 32038 Lot # 32, unit 14 3 rivers estates.

2. General description of improvement: new Garage

3. Owner Name & Address Scott ZAWOY

Interest in Property

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

5. Contractor Name Scott ZAWOY Homeowner Phone Number 386-497-1008
Address 711 SW california TERR Ft White FL 32038

6. Surety Holders Name Phone Number
Address
Amount of Bond

Inst:2006001101 Date:01/17/2006 Time:15:28
DC,P.DeWitt Cason,Columbia County B:1071 P:785

7. Lender Name
Address

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

9. In addition to himself/herself the owner designates of to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee

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

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

Scott Zawoy
Signature of Owner

Sworn to (or affirmed) and subscribed before 17th day of January, 2006

GALE TEDDER
MY COMMISSION # DD 333560
EXPIRES: June 28, 2009
NOTARY STAMP/SEAL

Gale Tedder
Signature of Notary

BK 0872 PG 2036

OFFICIAL RECORDS

WARRANTY DEED

THIS INDENTURE, made this 11th day of January, 1999, between **ROBERT ZAWOY** and **R. CHARLENE ZAWOY**, as Trustees of the Robert and R. Charlene Zawoy Revocable Trust, with the power and authority either to protect, conserve, and to sell, or to lease, or to encumber, or otherwise manage and dispose of the real property set forth below, party of the first part, Grantor, and **SCOTT JAMES ZAWOY**, (Social Security No 265-84-0282), whose mailing address is Route 2, Box 8575, Fort White, Florida 32038, party of the second part, Grantee,

W I T N E S S E T H:

That said grantor, for and in consideration of the sum of **TEN AND NO/100 ($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:

> Lots 33, 34 and 35, Unit 14, **THREE RIVERS ESTATES**, according to the map or plat thereof recorded in Plat Book 4, Pages 118-118A, public records of Columbia County, Florida.
>
> **TOGETHER WITH** all improvements located thereon.
>
> **SUBJECT TO** any and all easements, covenants or restrictions of record.
>
> Tax Parcel No.: ______________________

99-00560

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY, FL
1999 JAN 12 PM 4:16
RECORD VERIFIED
CLERK OF COURTS
COLUMBIA
BY MCK

Prepared by Martin M. Feagle
Attorney at Law
Post Office Box 1653
Lake City, Florida 32055
(as to form only)

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

( ) Single Family Dwelling
( ) Two-Family Residence
( ) Farm Outbuilding
( ) Other_____
( ) New Construction
(✓) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Scott Zawoy, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number_____

Scott Zawoy 1-17-06
Signature Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date_____ Building Official/Representative_____

EVALUATION ENTITY
Gary Pfuehler, P. E.
5665 Green Oak Court
Fairfield, OH 45014

Product Evaluation Report for Florida DCA

Evaluation Report # 73W4-09

MANUFACTURER
Clopay Building Products Company
8585 Duke Blvd.
Mason, OH 45040
513.770.4800

Statement of Compliance:

The Clopay Building Products Company sectional doors as described on the drawings listed below meet the design and test pressures shown. Based on the testing and rational analysis detailed below, this product is evaluated to be in compliance with the following provisions of the Florida Building Code:

☒ **Outside the HVHZ**: Wind Loads (tested in compliance with FBC 1714.5.3.1, ref. ANSI/DASMA 108 or TAS 202)

☐ **Inside the HVHZ**: Wind Loads for HVHZ (tested in compliance with FBC 1714.5.3.1, ref. TAS 202), 1625 Cyclic Tests for HVHZ (ref. TAS 203), 1626 Impact Tests for HVHZ (ref. TAS 201)

Description of Product: Steel Pan (min. 25 ga.) Single-Car (up to 9'0" wide) WINDCODE® **W4** Garage Door
Design Pressures: +25/-32 Test Pressures: +37.5/-48

Specific Models and Technical Documentation:

Model	Test Report	Drawing No	Comments
73W4, 1500W4, 75W4, 190W4, 84AW4, 94W4	HCN-120 A/B	300159-Rev08	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
76W4	HCN-120 A/B	102429-Rev01	No lites allowed. Low head room track approved per HCN-126.
42W4, 48W4, 55W4	HCN-120 A/B	102046-Rev06	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
4RSTW4, 6RSTW4	HCN-120 A/B	102137-Rev03	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
4RSFW4, 6RSFW4	HCN-120 A/B	102409-Rev02	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
2RSTW4	HCN-120 A/B	102430-Rev01	No lites allowed Low head room track approved per HCN-126.
110RW4, 120RW4	HCN-120 A/B	101979-Rev05	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
H73W4, H500W4, H76W4, H94W4	HCN-120 A/B	102485-Rev03	Model uses horizontal reinforcement; door height does not affect performance. No lites allowed on model H76W4.
H4STW4, H6STW4, H2STW4	HCN-120 A/B	102491-Rev02	Model uses horizontal reinforcement; door height does not affect performance. No lites allowed on model H2STW4.
H4SFW4, H6SFW4	HCN-120 A/B	102576-Rev02	Model uses horizontal reinforcement; door height does not affect performance.

Installation requirements: Installation must be in accordance with manufacturer's installation instructions.

Limitations and conditions of use: Jambs, lintels, sills or other structural elements required to prepare openings are not covered. The design of the supporting structural elements shall be the responsibility of the professional of record for the building or structure and in accordance with current building codes for the loads listed on the drawing(s) referenced above.

Certification of Independence of Evaluation Entity: I hereby certify that (1) I have no financial interest in Clopay Building Products Company; (2) I am an independent licensed Professional Engineer in the State of Florida; and (3) I comply with the criteria of independence as stated in 9B-72.110 F.A.C.

Signature:

Gary Pfuehler, P. E.
Florida P. E. No. 49850

Date: 6/13/05

MODELS

	STANDARD	INSULATED
24 GA	84A, 94	–
25 GA	73, 75	190, 1500

OPTIONAL DSB OR 1/8" ACYRLIC LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP 2606 (SEE SECTION B-B)

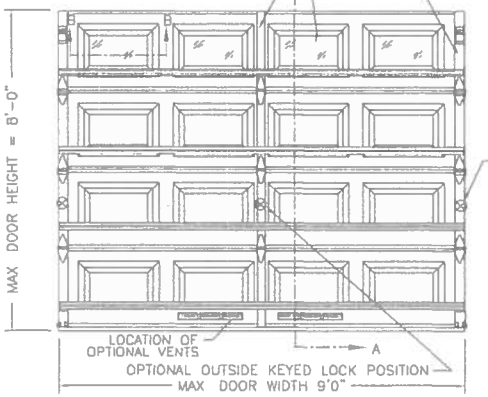
APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC

1# DENSITY POLYSTYRENE FOAM INSULATION 1-5/16" THICK WITH VINYL HAIRCELL BACKER (INSULATED MODELS ONLY)

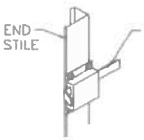
(1) INTERMEDIATE STILE ATTACHED W/ TOG-L-LOC (TOP & BOT) AND URETHANE ADHESIVE (ALONG CENTER)

20 GA. MIN. END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM (TOP, BOTTOM & CENTER)

25 GA. MIN. STEEL SKIN COATED WITH GALV., BAKED-ON PRIMER, AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN

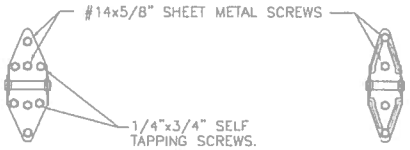


THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF CHAPTER16 FBC/IBC)



INSIDE SLIDE BOLT LOCK OPTION

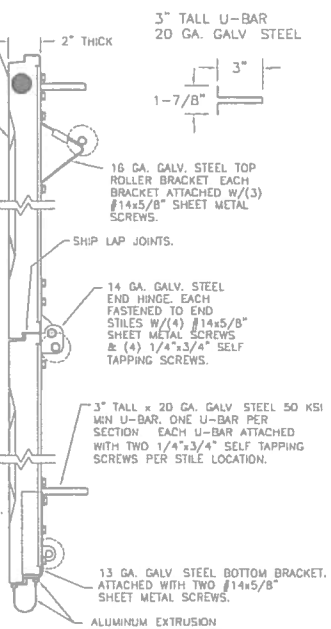
NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN).
DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN).



14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

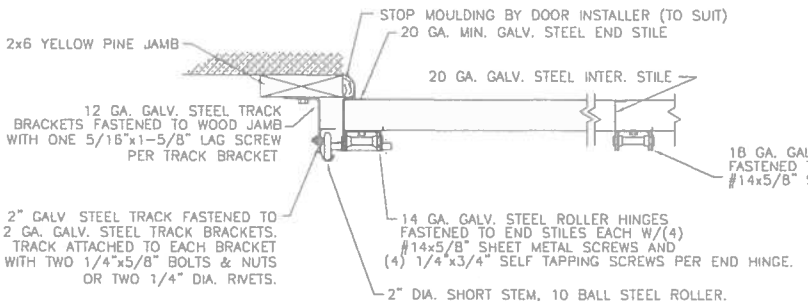
VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHOR BOLTS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.



SECTION A-A (SIDE VIEW)

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'



VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS 1" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

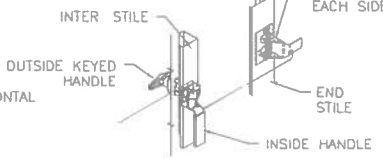
JAMB CONFIGURATION SECTION C-C

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

PREPARATION OF JAMBS BY OTHERS.

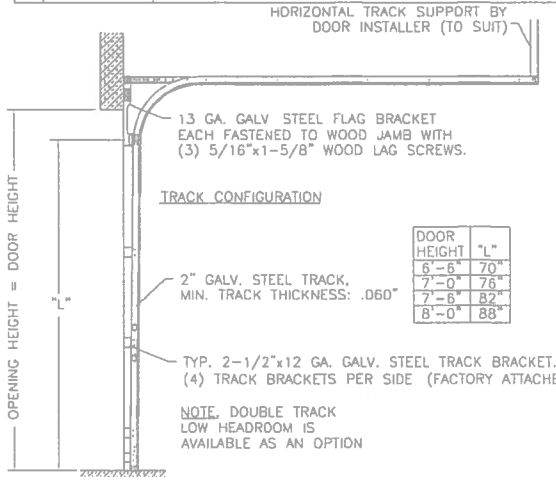
FLORIDA PRODUCT APPROVAL 3

DOUBLE TRACK LOW HEADROOM OPTION

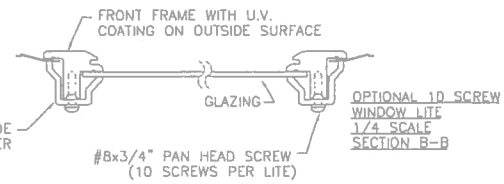


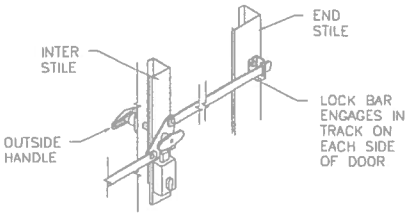
OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).



DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"





OUTSIDE KEYED LOCK LOCK BAR LOCKING

REV	DATE	DESCRIPTION
03	12/1999	ADDED JAMB ATTACHMENT INFORMATION
04	1/2000	DESIGN LOADS WERE +/-24.2; ADD 50 KSI STRUT SPEC
05	3/16/2000	ADDED LHR TRACK OPTION NOTE, DEL. M/N 82/90
06	9/2003	CLARIFY GLAZING OPTIONS
07	08/03/04	ADDED INSULATED M/N 190, 1500
08	05/19/05	UPDATED CODE REF.

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +25.0 P.S.F & -32.0 P.S.F.
TEST LOADS. +37.5 P.S.F. & -48.0 P.S.F.

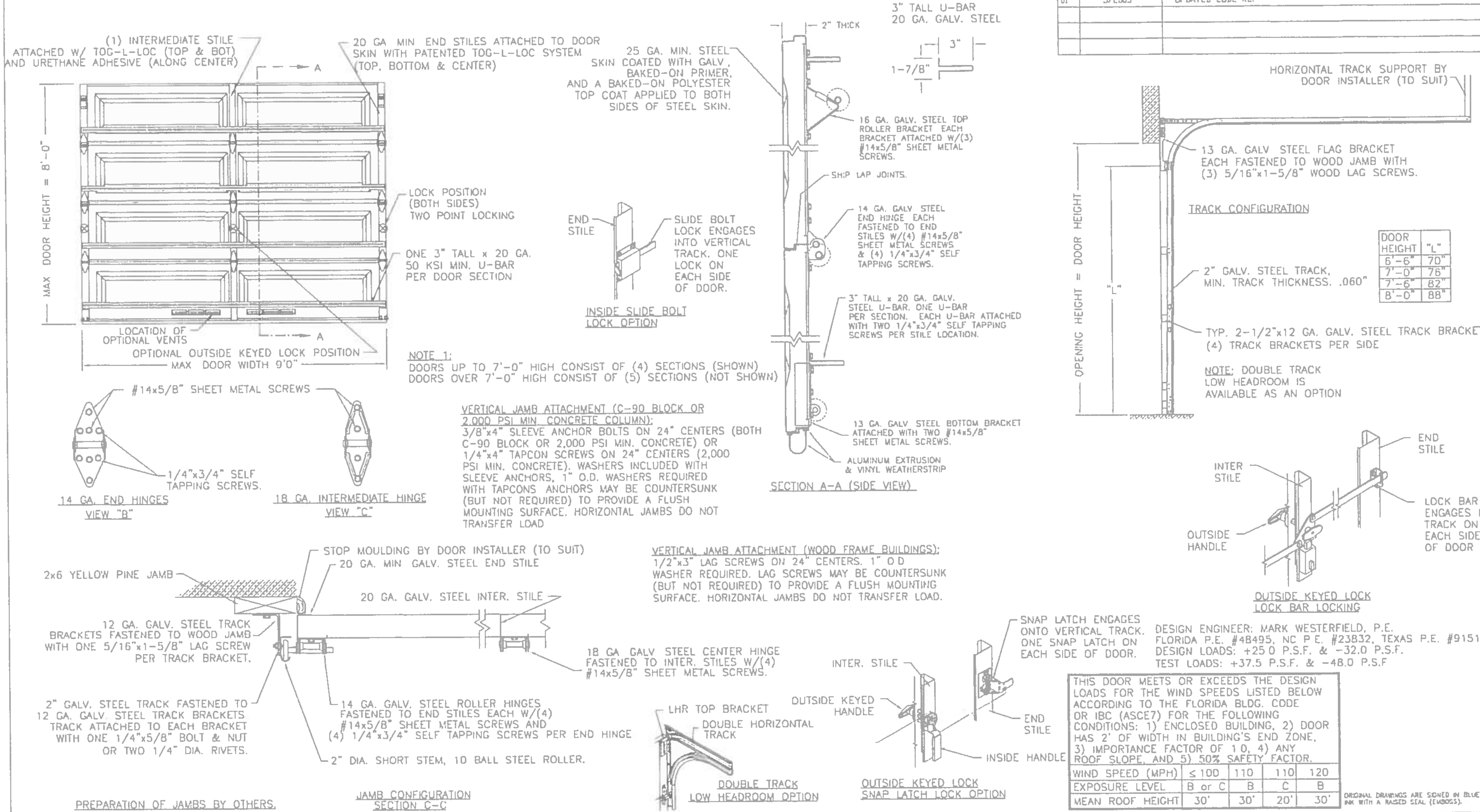
Clopay Building Products Company

CLOPAY BUILDING PRODUCTS COMPANY
8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800

SCALE:	NOTED
DATE	9/23/96
DRAWN BY	MWW
CHECKED BY:	
WINDLOAD RATING	W4
MAX. DOOR SIZE:	9'W x 8'H
DESCRIPTION	73/75/84A/94, 9'W +25/-32
B	DRAWING NUMBER: 300159
REV:	08

MODELS: 76 (25 GA. STEEL SKIN)

REV	DATE	DESCRIPTION
00	7/2001	INITIAL RELEASE
01	5/2005	UPDATED CODE REF



DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"

NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN)
DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN)

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHOR BOLTS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. WASHERS REQUIRED WITH TAPCONS ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O D WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

FLORIDA PRODUCT APPROVAL 3026R1.4

Clopay Building Products Company

CLOPAY BUILDING PRODUCTS COMPANY
8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800

SCALE: NOTED	WINDLOAD RATING: W4	MAX. DOOR SIZE: 9'W x 8'H
DATE: 7/2/2001	DESCRIPTION: M/N 76, 9'W +25/-32 DES. LOAD	
DRAWN BY: MWW	B	DRAWING NUMBER: 102429 — REV: 1
CHECKED BY:		

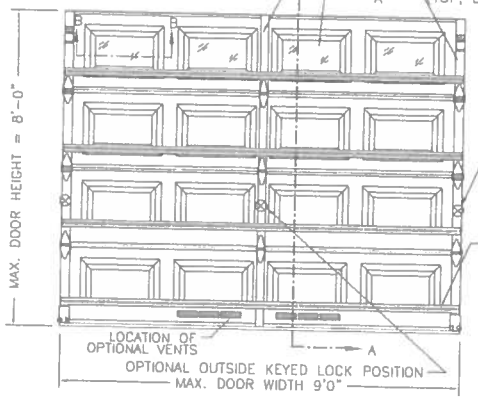
MODELS

	STANDARD	INSULATED
24 GA	48	–
25 GA	42	55

OPTIONAL DSB OR 1/8" ACYRLIC LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 (SEE SECTION B-B)

(1) INTERMEDIATE STILE ATTACHED W/ TOG-L-LOC (TOP & BOT) AND URETHANE ADHESIVE (ALONG CENTER)

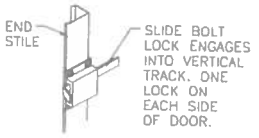
20 GA. MIN. END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM (TOP, BOTTOM & CENTER).



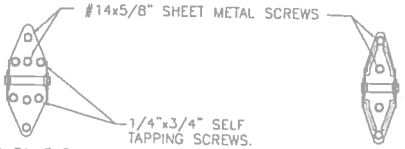
THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE (ASCE7) FOR THE FOLLOWING CONDITIONS. 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) USE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'

25 GA. MIN. GALV. STEEL SKIN COATED WITH A BAKED-ON PRIMER, AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.



INSIDE SLIDE BOLT LOCK OPTION

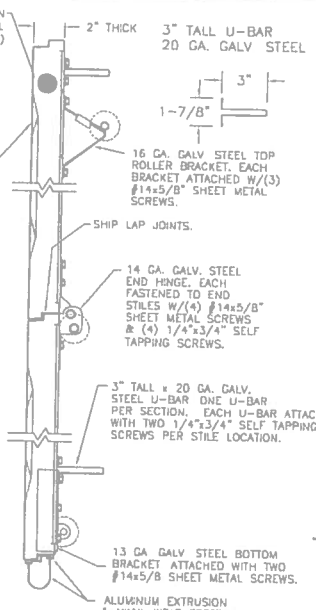


14 GA. END HINGES VIEW "B"

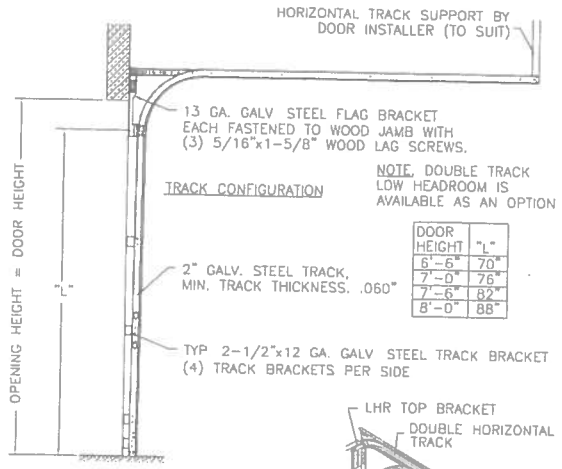
18 GA. INTERMEDIATE HINGE VIEW "C"

NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS. (SHOWN)
DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN)

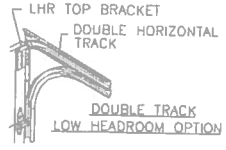
VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

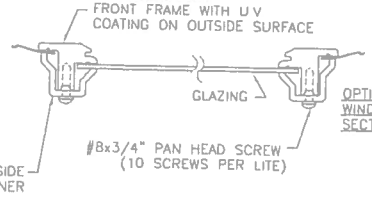


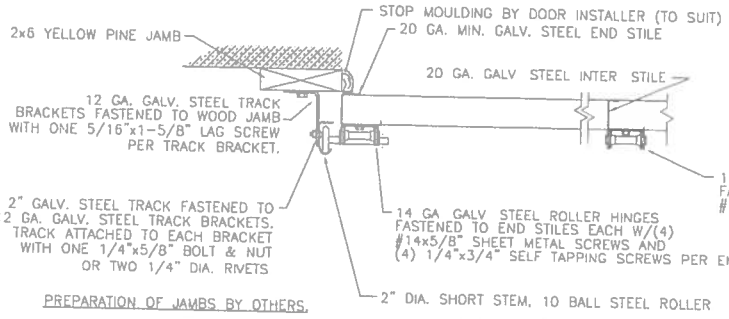
SECTION A-A (SIDE VIEW)



DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"





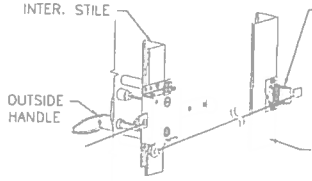


PREPARATION OF JAMBS BY OTHERS.

JAMB CONFIGURATION SECTION C-C

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHORS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. MIN. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER16 FBC/IBC)



OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION

DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495
NORTH CAROLINA P.E. #23832

FLORIDA PRODUCT APPROVAL 3020R1.4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
05		08/03/04	–	SH	ADD INSULATED M/N 55
06	–	05/20/05	–	SH	UPDATED CODE REF.

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

Unless Stated Otherwise TOLERANCES are
.0 = ±.03
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Third Angle Projection

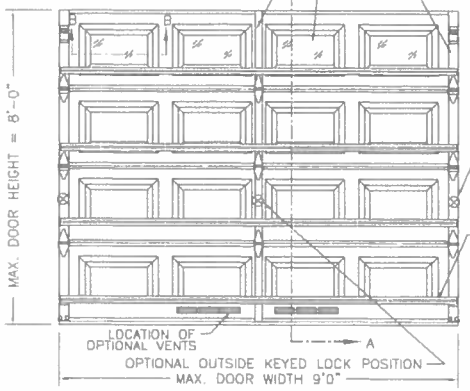
HOLMES GARAGE DOOR COMPANY
8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800

PART NO.:
WINDLOAD RATING W4
DESCRIPTION: MODEL 42/48 Max Door Size: 9'0"W x 8'0"H
DRAWN BY: NJE DATE: 12/3/99
CHECKED BY: DATE:
DWG. NO.: 102046
SCALE: NOTED DWG. SIZE B
SHEET 1 OF 1
REV. NO. 06

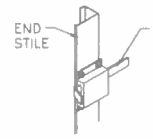
MODEL: 6RST (25 GA. STEEL SKIN)
MODEL: 4RST (24 GA. STEEL SKIN)

OPTIONAL DSB OR 1/8" ACYRLIC LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 (SEE SECTION B-B)

REVISIONS					
REV. NO.	ZONE.	DATE:	ECN NO.	APPVD:	DESCRIPTION
2	–	9/03	–	MWW	CLARIFY GLAZING OPTIONS
3	–	5/05	–	SH	UPDATED CODE REF.

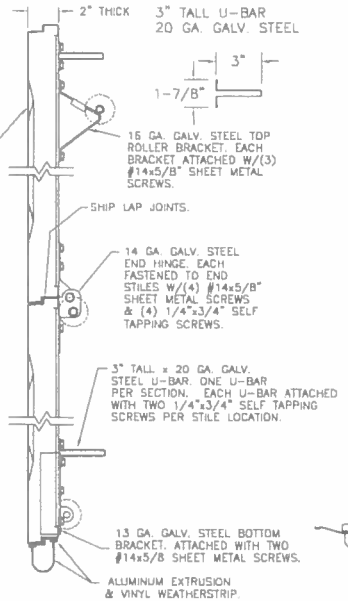


THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER16 FBC/IBC)

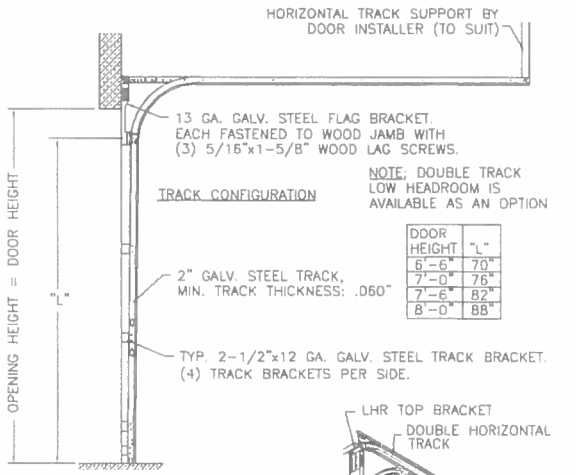


INSIDE SLIDE BOLT LOCK OPTION

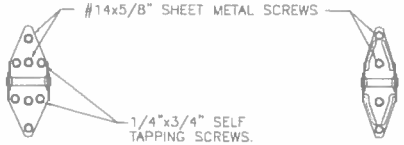
25 GA. MIN. GALV STEEL SKIN COATED WITH A BAKED-ON PRIMER, AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.



SECTION A-A (SIDE VIEW)



DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"

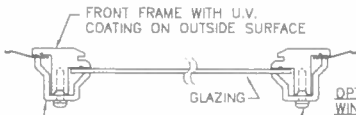


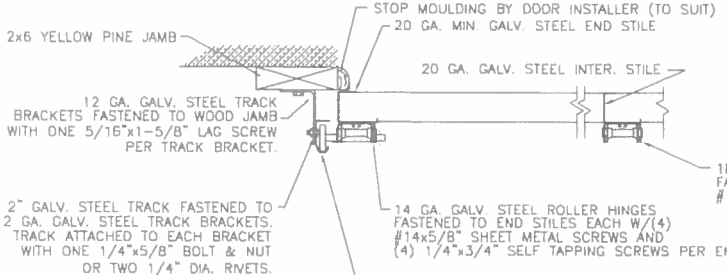
14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN). DDORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN).

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

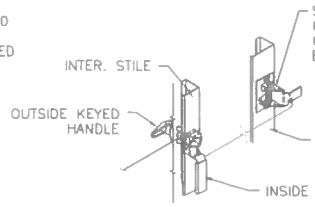




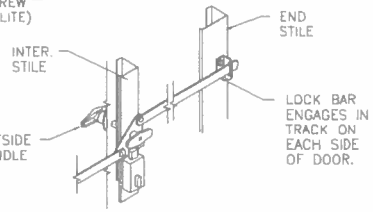
PREPARATION OF JAMBS BY OTHERS.

JAMB CONFIGURATION SECTION C-C

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHORS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. MIN. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.



OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION



OUTSIDE KEYED LOCK LOCK BAR LOCKING

DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495
NORTH CAROLINA P.E. #23832

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) USE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'

Third Angle Projection

Unless Stated Otherwise TOLERANCES are
.0 = ±.03
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

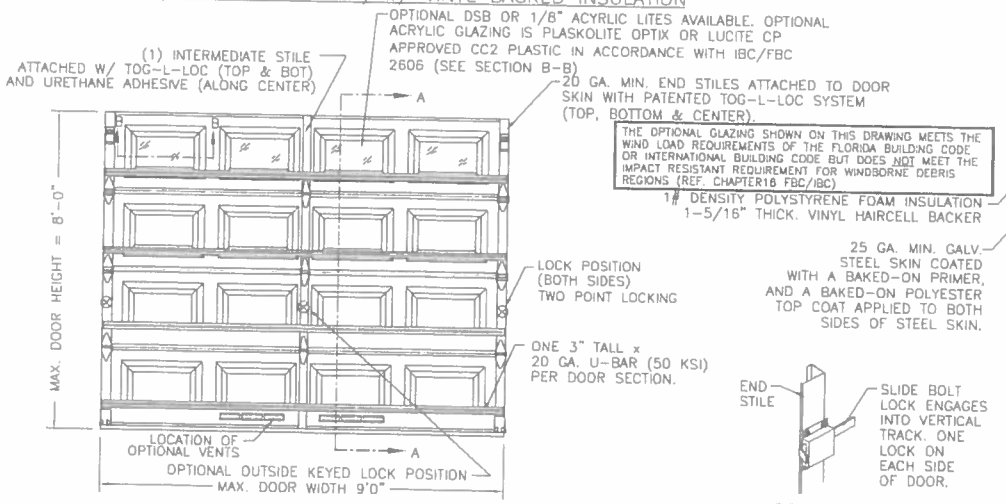
ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

IDEAL 8585 DUKE BLVD. MASON, OH 45040 (513) 770-4800
GARAGE DOOR CONSULT.

PART NO.: –
WINDLOAD RATING W4
DESCRIPTION: MODEL 6RST W4 9-0 x 8-0: +25/-32 DESIGN LOAD
DRAWN BY: BMM | DATE: 4/18/00 | SCALE: NTS | DWG. SIZE B
CHECKED BY: MWW | DATE: 4/18/00 | SHEET 1 OF 1
DWG. NO.: 102137 | REV. NO. 3

MODEL: 6RSF (25 GA. STEEL SKIN) W/ VINYL BACKED INSULATION
MODEL: 4RSF (24 GA. STEEL SKIN) W/ VINYL BACKED INSULATION

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
2		5/2005		SH	UPDATED CODE REF.

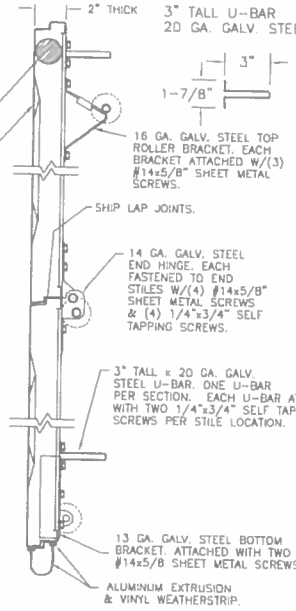


THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER16 FBC/IBC)

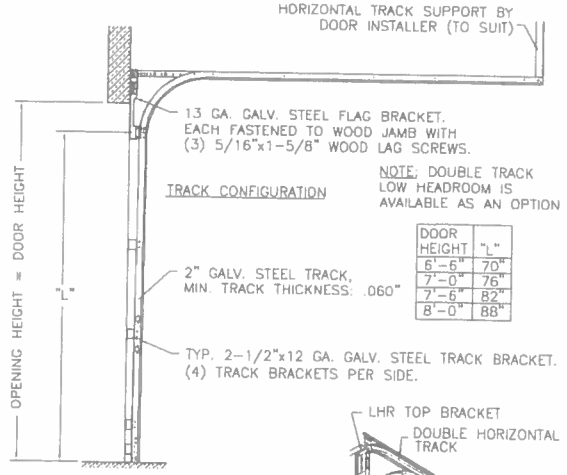
1# DENSITY POLYSTYRENE FOAM INSULATION 1-5/16" THICK. VINYL HAIRCELL BACKER

25 GA. MIN. GALV. STEEL SKIN COATED WITH A BAKED-ON PRIMER, AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

INSIDE SLIDE BOLT LOCK OPTION



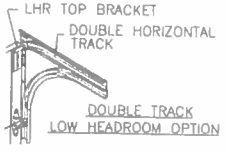
SECTION A-A (SIDE VIEW)



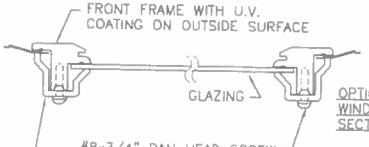
TRACK CONFIGURATION

NOTE: DOUBLE TRACK LOW HEADROOM IS AVAILABLE AS AN OPTION

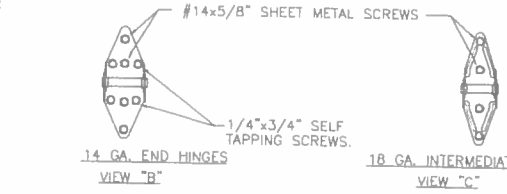
DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"



DOUBLE TRACK LOW HEADROOM OPTION



OPTIONAL 10 SCREW WINDOW LITE SECTION B-B



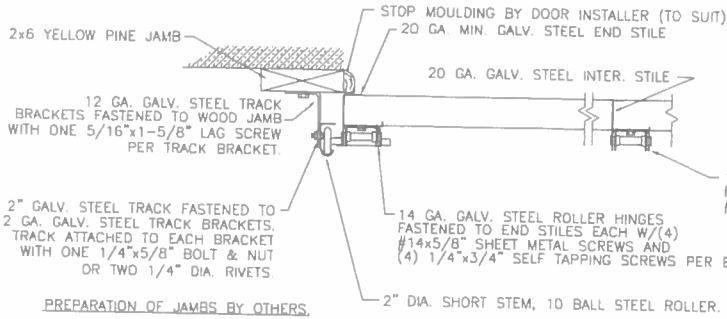
14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN). DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN).

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHORS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS. 1" O.D. MIN. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.



PREPARATION OF JAMBS BY OTHERS.

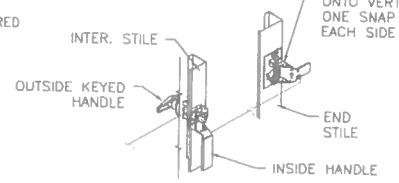
JAMB CONFIGURATION
SECTION C-C

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

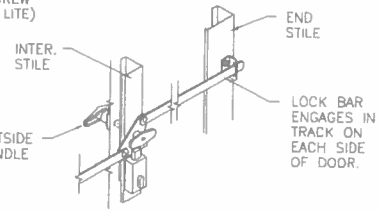
MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495
NORTH CAROLINA P.E. #23832
TEXAS P.E. #91513

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'



OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION



OUTSIDE KEYED LOCK LOCK BAR LOCKING

DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

Third Angle Projection

Unless Stated Otherwise TOLERANCES are
.D = ±.03
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

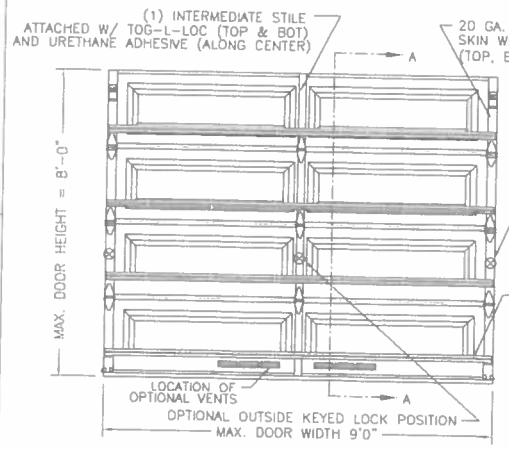
ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

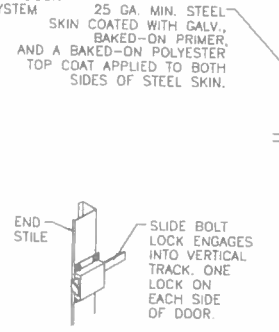
IDEAL GARAGE DOOR COMPANY. 8585 DUKE BLVD. MASON, OH 45040 (513) 770-4800

PART NO.: -
WINDLOAD RATING W4
DESCRIPTION: MODEL 6RSF/4RSF 9'-0 x 8'-0: +25/-32 DESIGN LOAD
DRAWN BY: MWW | DATE: 6/5/01 | SCALE: NTS | DWG. SIZE B
CHECKED BY: MWW | DATE: 6/5/01 | SHEET 1 OF 1
DWG. NO.: 102409 | REV. NO. 2

MODELS: 2RST (25 GA. STEEL SKIN)

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
01	–	5/2005	–	SH	UPDATED CODE REF.



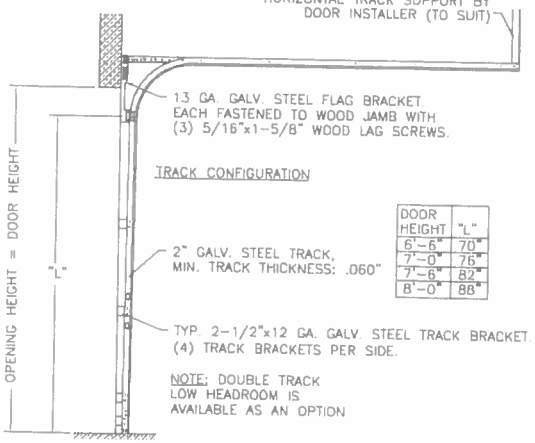


SECTION A-A (SIDE VIEW)

INSIDE SLIDE BOLT LOCK OPTION

NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN).
DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN).

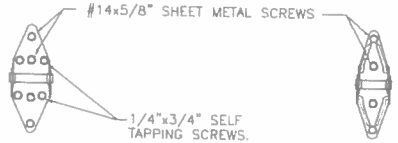
THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER16 FBC/IBC)



TRACK CONFIGURATION

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"

NOTE: DOUBLE TRACK LOW HEADROOM IS AVAILABLE AS AN OPTION



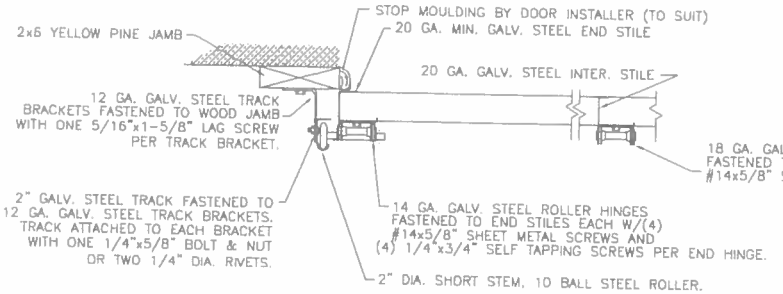
14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHOR BOLTS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) USE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

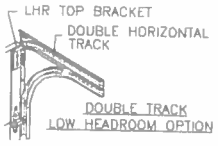
WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'

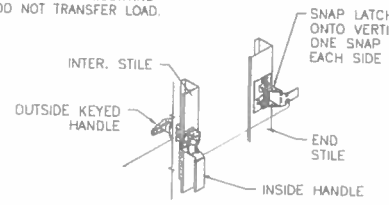


PREPARATION OF JAMBS BY OTHERS.

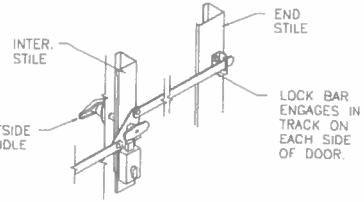
JAMB CONFIGURATION SECTION C-C

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.





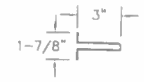
OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION



OUTSIDE KEYED LOCK LOCK BAR LOCKING

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495
DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.



FLORIDA PRODUCT APPROVAL 3026R1.4

Third Angle Projection

Unless Stated Otherwise TOLERANCES are
.0 = ±.03
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

IDEAL CLOPAY DOOR COMPANY. 8585 DUKE BLVD. MASON, OH 45040 (513) 770-4800

DESCRIPTION: MODEL 2RST 9-0 x 8-0: +25/-32 DESIGN LOAD		PART NO.: –	
DRAWN BY: MWW	DATE: 7/2/01	WINDLOAD RATING W4	
CHECKED BY: MWW	DATE: 7/2/01	SCALE: NTS	DWG. SIZE B
DWG. NO.: 102430		SHEET 1 OF 1	
		REV. NO. 1	

MODEL: 110RW4 (25 GA. STEEL SKIN)

MODEL: 120RW4 (24 GA. STEEL SKIN)

OPTIONAL DSB OR 1/8" ACRYLIC LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 (SEE SECTION B-B)

(1) INTERMEDIATE STILE ATTACHED W/ TOG-L-LOC (TOP & BOT) AND URETHANE ADHESIVE (ALONG CENTER)

20 GA. MIN. END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM (TOP, BOTTOM & CENTER).

MAX. DOOR HEIGHT = 8'-0"

LOCK POSITION (BOTH SIDES) TWO POINT LOCKING

ONE 3" TALL x 20 GA. 50 KSI MIN. U-BAR PER DOOR SECTION. ⚠3

LOCATION OF OPTIONAL VENTS

OPTIONAL OUTSIDE KEYED LOCK POSITION

MAX. DOOR WIDTH 9'0"

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER 16 FBC/IBC)

25 GA. MIN. STEEL SKIN COATED WITH G-60 GALVANIZING, BAKED-ON PRIMER, AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN

3" TALL U-BAR 20 GA. GALV. STEEL 50 KSI MIN.

2" THICK

3"

1-7/8"

16 GA. GALV. STEEL TOP ROLLER BRACKET. EACH BRACKET ATTACHED W/(3) #14x5/8" SHEET METAL SCREWS.

SHIP LAP JOINTS

14 GA. GALV. STEEL END HINGE. EACH FASTENED TO END STILES W/(4) #14x5/8" SHEET METAL SCREWS & (4) 1/4"x3/4" SELF TAPPING SCREWS.

3" TALL x 20 GA. GALV. STEEL U-BAR. ONE U-BAR PER SECTION. EACH U-BAR ATTACHED WITH TWO 1/4"x3/4" SELF TAPPING SCREWS PER STILE LOCATION.

13 GA. GALV. STEEL BOTTOM BRACKET, ATTACHED WITH TWO #14x5/8" SHEET METAL SCREWS.

ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

SECTION A-A (SIDE VIEW)

END STILE

SLIDE BOLT LOCK ENGAGES INTO VERTICAL TRACK. ONE LOCK ON EACH SIDE OF DOOR.

INSIDE SLIDE BOLT LOCK OPTION

#14x5/8" SHEET METAL SCREWS

1/4"x3/4" SELF TAPPING SCREWS

14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN)
DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN).

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)

13 GA. GALV STEEL FLAG BRACKET EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-5/8" WOOD LAG SCREWS

TRACK CONFIGURATION

OPENING HEIGHT = DOOR HEIGHT

"L"

2" GALV. STEEL TRACK, MIN TRACK THICKNESS. 060"

TYP 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET (4) TRACK BRACKETS PER SIDE (FACTORY ATTACHED).

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) USE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'

FRONT FRAME WITH U.V COATING ON OUTSIDE SURFACE

GLAZING

OPTIONAL 10 SCREW WINDOW LITE

MOLDED INSIDE LITE RETAINER

#8x3/4" PAN HEAD SCREW (10 SCREWS PER LITE)

SECTION B-B

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN)
3/8"x4" SLEEVE ANCHOR BOLTS ON 24" CENTERS (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1-1/4" O.D MIN. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD

2x6 YELLOW PINE JAMB

STOP MOULDING BY DOOR INSTALLER (TO SUIT)

20 GA. MIN GALV STEEL END STILE

20 GA. GALV. STEEL INTER. STILE

12 GA. GALV. STEEL TRACK BRACKETS FASTENED TO WOOD JAMB WITH ONE 5/16"x1-5/8" LAG SCREW PER TRACK BRACKET

18 GA. GALV STEEL CENTER HINGE FASTENED TO INTER. STILES W/(4) #14x5/8" SHEET METAL SCREWS

2" GALV. STEEL TRACK FASTENED TO 12 GA. GALV. STEEL TRACK BRACKETS. TRACK ATTACHED TO EACH BRACKET WITH ONE 1/4"x5/8" BOLT & NUT OR TWO 1/4" DIA. RIVETS. ⚠2

14 GA. GALV. STEEL ROLLER HINGES FASTENED TO END STILES EACH W/(4) #14x5/8" SHEET METAL SCREWS AND (4) 1/4"x3/4" SELF TAPPING SCREWS PER END HINGE.

2" DIA. SHORT STEM, 10 BALL STEEL ROLLER

PREPARATION OF JAMBS BY OTHERS.

JAMB CONFIGURATION SECTION C-C

SNAP LATCH ENGAGES ONTO VERTICAL TRACK ONE SNAP LATCH ON EACH SIDE OF DOOR.

INTER. STILE

OUTSIDE KEYED HANDLE

END STILE

INSIDE HANDLE

OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION

INTER. STILE

END STILE

OUTSIDE HANDLE

LOCK BAR ENGAGES IN TRACK ON EACH SIDE OF DOOR.

OUTSIDE KEYED LOCK LOCK BAR LOCKING

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS)
1/2"x3" LAG SCREWS ON 24" CENTERS. 1-1/4" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD

MAX. DOOR SIZE 9'0"W X 8'0"H

ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA No. 48495
DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

REV	DATE	DESCRIPTION
02	12/01/1999	CORRECTED BRACKET ATTACHMENT TO ONE BOLT AND NUT
03	1/2000	JAMB ATTACHMENT INFO: 50 KSI STRUTS: +25/-32 PSF
04	9/2003	CLARIFY GLAZING OPTIONS
05	5/2005	UPDATED CODE REF

WINDLOAD RATING	MANUFACTURED - PREPASSED MANUFACTURED	SHEET	SHEETS	DRAWING NO	REV
W4		1	1	101979	05

DES. BY	CHECKED BY
MWW	MWW
DATE	SCALE
8/26/99	NOTED

DESCRIPTION

SINGLE CAR MODEL 110RW4 & 120RW4
+25.0/-32.0 PSF DESIGN LOAD

FLORIDA PRODUCT APPROVAL 3020R1.4

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS)

CBPC
8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800
Division of Clopay Building Products

MODELS

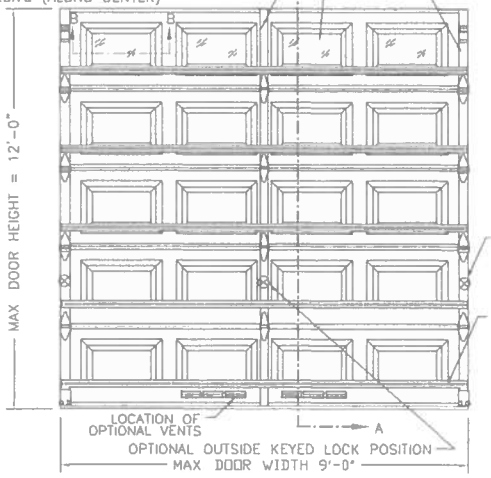
	STANDARD	INSULATED
24 GA	H94	–
25 GA	H73, H76	H500

(1) INTERMEDIATE STILE ATTACHED W/ TOG-L-LOC (TOP & BOT) AND URETHANE ADHESIVE (ALONG CENTER)

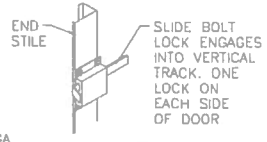
OPTIONAL DSB OR 1/8" ACYRLIC LITES AVAILABLE OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP

APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 (SEE SECTION B-B)

20 GA. MIN END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM (TOP, BOTTOM & CENTER)

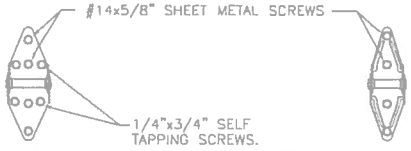


DOOR HEIGHT	# OF SECTIONS
8'-3" TO 8'-9"	5
9'-0" TO 10'-6"	6
10'-9" TO 12'-0"	7



INSIDE SLIDE BOLT LOCK OPTION

NOTE: MODEL H76 IS AN EXTENDED PANEL EMBOSS DOOR.



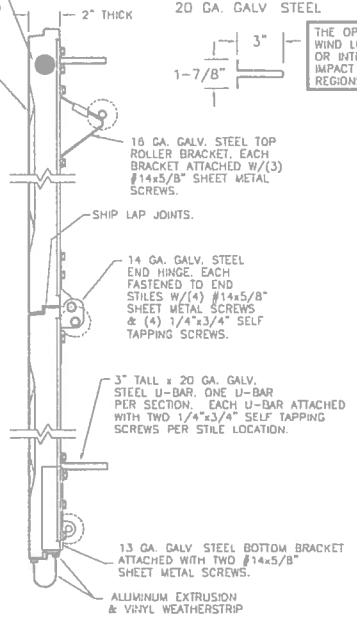
14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHOR BOLTS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

1# DENSITY POLYSTYRENE FOAM INSULATION 1-5/16" THICK WITH VINYL HAIRCELL BACKER (INSULATED MODELS ONLY)

25 GA. MIN. STEEL SKIN COATED WITH GALV., BAKED-ON PRIMER, AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN



SECTION A-A (SIDE VIEW)

3" TALL U-BAR 20 GA. GALV. STEEL

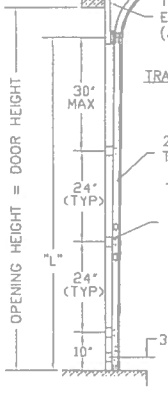
THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER16 FBC/IBC)

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)

13 GA. GALV. STEEL FLAG BRACKET EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-5/8" LAG SCREWS.

TRACK CONFIGURATION

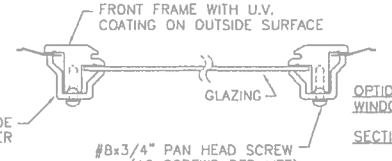
NOTE: DOUBLE TRACK LOW HEADROOM AVAILABLE. 3" TRACK AVAILABLE AS NEEDED.



2" GALV. STEEL TRACK, TRACK THICKNESS: .060" MIN.

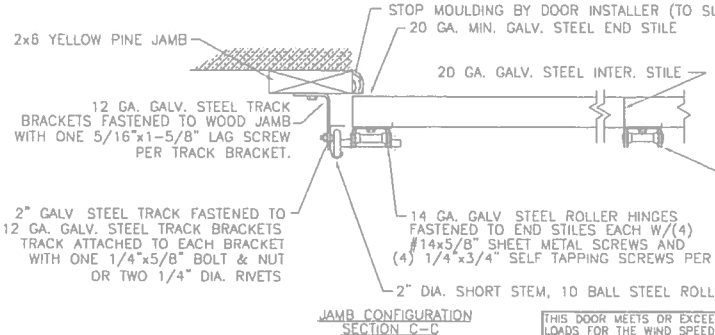
TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET. (5) TRACK BRACKETS PER SIDE (UP TO 10' HIGH). (6) TRACK BRACKETS PER SIDE (UP TO 12' HIGH). DISTANCE BETWEEN FLAG AND TOP TRACK BRACKET NOT TO EXCEED 30" O.C

DOOR HEIGHT	"L"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"



SECTION B-B

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS 1" O.D WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

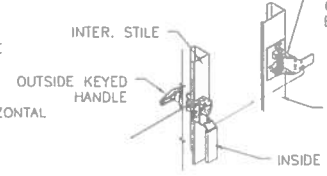


JAMB CONFIGURATION SECTION C-C

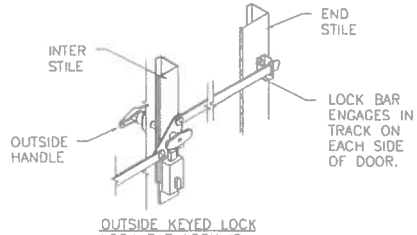
PREPARATION OF JAMBS BY OTHERS.

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

DOUBLE TRACK LOW HEADROOM OPTION



OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION



OUTSIDE KEYED LOCK LOCK BAR LOCKING

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS. 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'

REV	DATE	DESCRIPTION
1	9/2003	NOTED LITE LIMITATION FOR MODEL H76; CLARIFY GLAZING
2	8/2004	ADDED INSULATED M/N H500
3	5/2005	UPDATED CODE REF.

DESIGN ENGINEER: MARK WESTERFIELD, P.E. FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +25.0 P.S.F & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

FLORIDA PRODUCT APPROVAL #

Clopay Building Products Company

CLOPAY BUILDING PRODUCTS COMPANY
8585 DUKE BLVD
MASON, OH 45040
(513) 770-4800

SCALE	NOTED
DATE	12/3/2001
DRAWN BY	MWW
CHECKED BY	

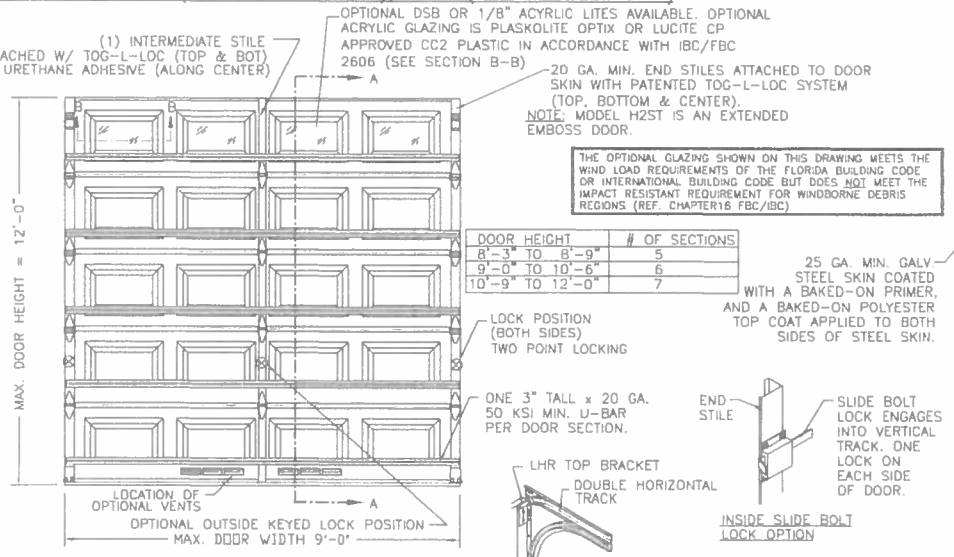
WINDLOAD RATING	MAX. DOOR SIZE:
W4	9'W x 12'H

DESCRIPTION: H73, H76, H94; 9'W; +25/-32 PSF

	DRAWING NUMBER:	REV
B	102485	3

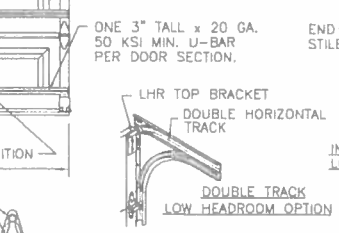
MODEL: H2ST, H4ST (24 GA. STEEL SKIN), H6ST (25 GA. STEEL SKIN)

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
2	–	5/2005	–	SH	UPDATED CODE REF.

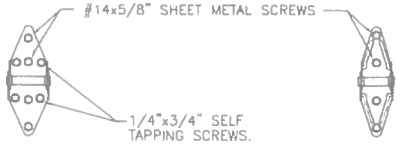


DOOR HEIGHT	# OF SECTIONS
8'-3" TO 8'-9"	5
9'-0" TO 10'-6"	6
10'-9" TO 12'-0"	7

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER16 FBC/IBC)



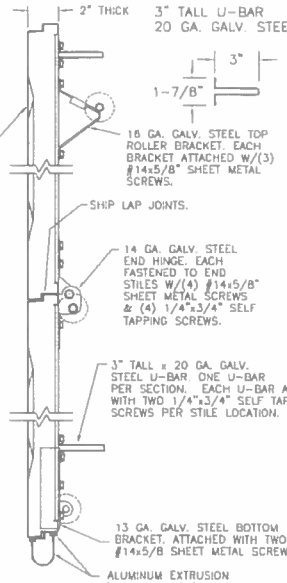
INSIDE SLIDE BOLT LOCK OPTION



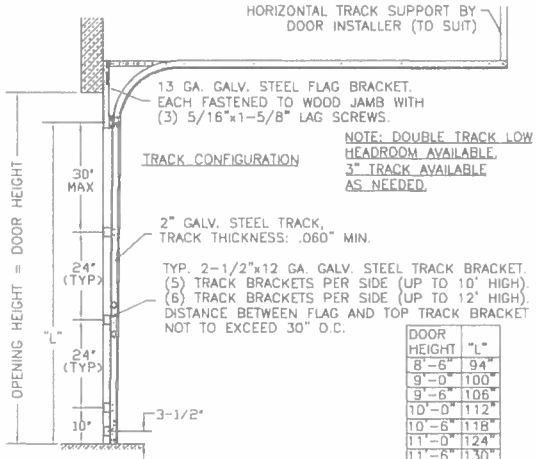
14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

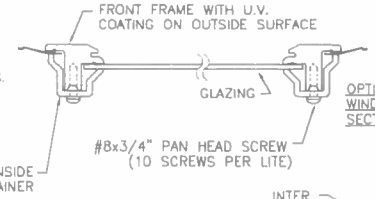
VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS): 1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

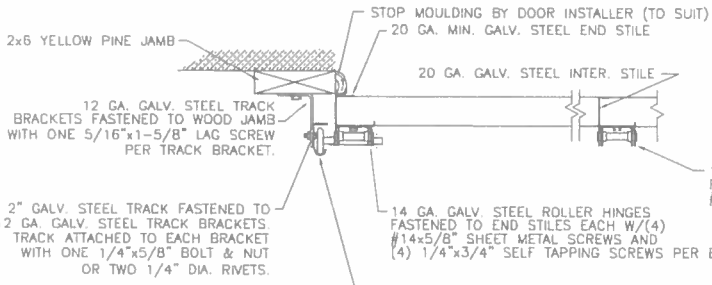


SECTION A-A (SIDE VIEW)



DOOR HEIGHT	"L"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"

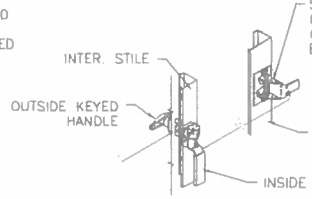




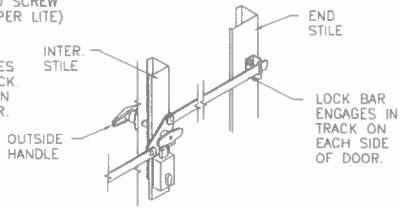
PREPARATION OF JAMBS BY OTHERS.

JAMB CONFIGURATION SECTION C-C

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN): 3/8"x4" SLEEVE ANCHORS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. MIN. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.



OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION



OUTSIDE KEYED LOCK LOCK BAR LOCKING

DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) USE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495
NORTH CAROLINA P.E. #23832

Third Angle Projection

Unless Stated Otherwise TOLERANCES are
.0 = ±.03
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

IDEAL GARAGE DOOR COMPANY. 8585 DUKE BLVD. MASON, OH 45040 (513) 770-4800

PART NO.: –

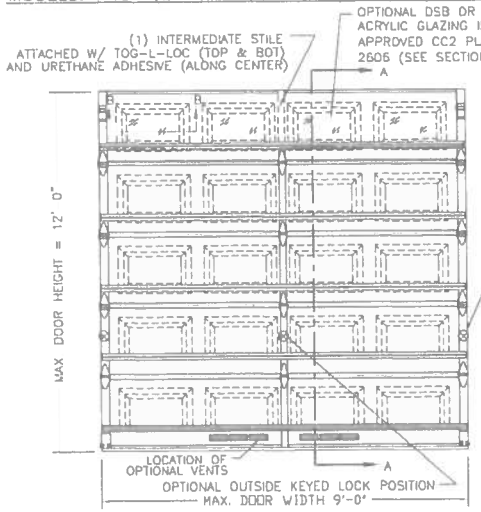
WINDLOAD RATING W4

DESCRIPTION: M/N H4ST/H6ST/H2ST; 9-0W; +25/-32 PSF DESIGN

DRAWN BY: MWW	DATE: 12/5/01	SCALE: NTS	DWG. SIZE B
CHECKED BY:	DATE: –	SHEET 1 OF 1	
DWG. NO.: 102491		REV. NO. 2	

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
2	–	5/2005	–	SH	UPDATED CODE REF.

MODELS. H4SF (24 GA. STEEL SKIN), H6SF (25 GA. STEEL SKIN) W/ VINYL BACKED INSUALTION



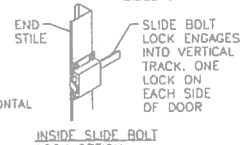
20 GA. MIN. END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM (TOP, BOTTOM & CENTER)

NOTE. MODEL H2ST IS AN EXTENDED EMBOSS DOOR

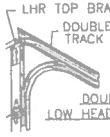
DOOR HEIGHT	# OF SECTIONS
8'-3" TO 8'-9"	5
9'-0" TO 10'-6"	6
10'-9" TO 12'-0"	7

1# DENSITY POLYSTYRENE FOAM INSULATION 1-5/16" THICK VINYL HAIRCELL BACKER

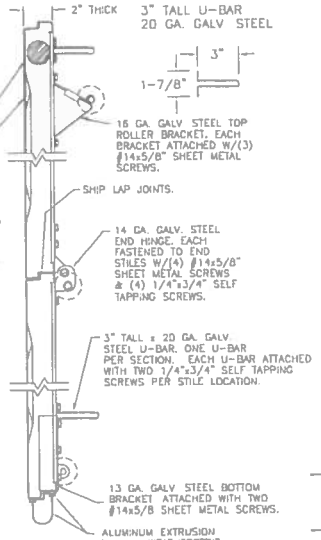
25 GA. MIN. GALV STEEL SKIN COATED WITH A BAKED-ON PRIMER, AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.



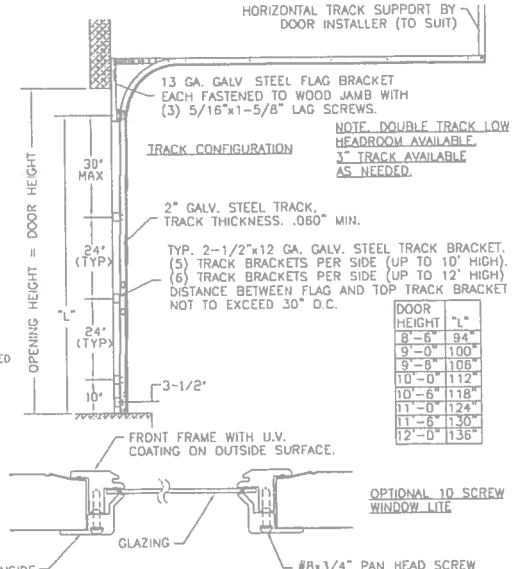
INSIDE SLIDE BOLT LOCK OPTION



DOUBLE TRACK LOW HEADROOM OPTION



SECTION A-A (SIDE VIEW)



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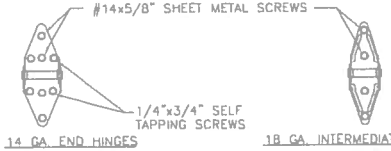

14 GA. END HINGES VIEW "B"

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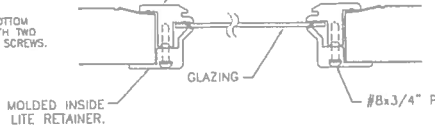

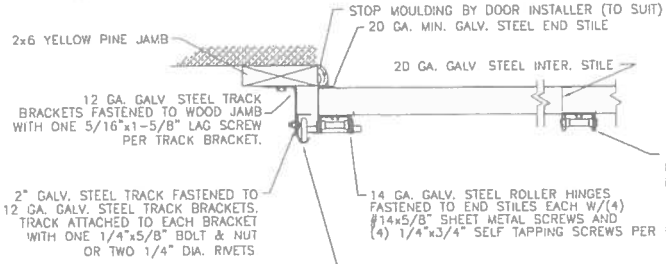

PREPARATION OF JAMBS BY OTHERS.

JAMB CONFIGURATION SECTION C-C

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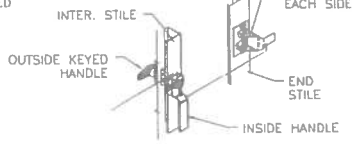
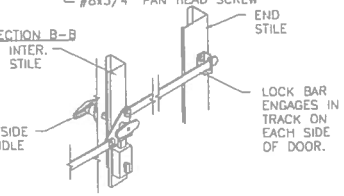


OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION



OUTSIDE KEYED LOCK LOCK BAR LOCKING

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THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPT R16 FBC/BC)

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS. 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'

DESIGN LOADS. +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS. +37.5 P.S.F. & -48.0 P.S.F.

Third Angle Projection

Unless Stated Otherwise TOLERANCES are
.0 = ±.03
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS)

IDEAL GARAGE DOOR CONCEPT. 8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 1-513-770-4800 Fax No. 1-513-770-4853

PART NO.: N/A

WINDLOAD RATING W4

DESCRIPTION: MN H4SF H6SF: 9'W, +25/-32 DES. LOAD

DRAWN BY: DAS	DATE: 05/03/02	SCALE: N/A	DWG. SIZE B
CHECKED BY: SH	DATE: 03/21/03	SHEET 1 OF 1	
DWG. NO.: 102576		REV. NO. 2	

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☐	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☐	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
		Elevations including:
☐	☐	a) All sides
☐	☐	b) Roof pitch
☐	☐	c) Overhang dimensions and detail with attic ventilation

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

Floor Plan including:

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

Foundation Plan including:

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

Roof System:

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

☑ ☐ b) Conventional Framing Layout including:
1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

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

c. Crawl space (if applicable)

☑ ☐ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

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

Floor Framing System:

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

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☐ ☐ b) Ceiling fans

☐ ☐ c) Smoke detectors

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

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

☐ ☐ f) Appliances and HVAC equipment

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

☐ ☐ h) Exhaust fans in bathroom

HVAC information

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

☐ ☐ b) Manual J sizing equipment or equivalent computation

☐ ☐ c)Gas System Type (LP or Natural) Location and BTU demand of equipment

☐ ☐ **Disclosure Statement for Owner Builders**

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

☐ ☐ **Private Potable Water**

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

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

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

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

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

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

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

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 produc supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
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 inspecti

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

Permit # **(FOR STAFF USE ONLY)**

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

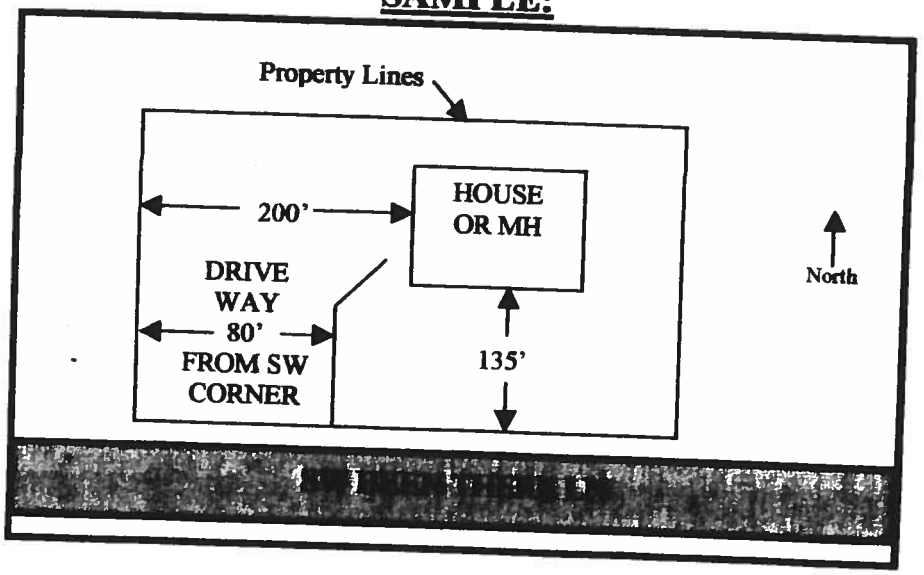
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
   a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
   b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
   c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



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

RE: ZAWS -

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: Subdivision:
Address:
City: State:

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

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

Design Code: FBC2004/TPI200 Design Program: MiTek 20/20 6.2
Wind Code: N/A Wind Speed: 110 mph Design Method: User defined
Roof Load: 40.0 psf Floor Load: N/A psf

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

No.	Seal#	Job ID#	Truss Name	Date
1	T1928309	ZAWS	A	12/27/05
2	T1928310	ZAWS	AET	12/27/05

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/TPI-1 Sec. 2.

Guo-Jie Zhang, FL Lic #47744
MiTek Industries, Inc.
1801 Massaro Blvd
Tampa FL 33619
FL Cert.#6634

December 27,2005

Zhang, Guo-jie

Job	Truss	Truss Type	Qty	Ply	
ZAWS	A	COMMON	21	1	T192830

Job Reference (optional)

SANTA FE TRUSS, HIGH SPRINGS FL , p.colacino — 6.200 s Oct 18 2005 MiTek Industries, Inc. Tue Dec 27 09:05:51 2005 Page 1

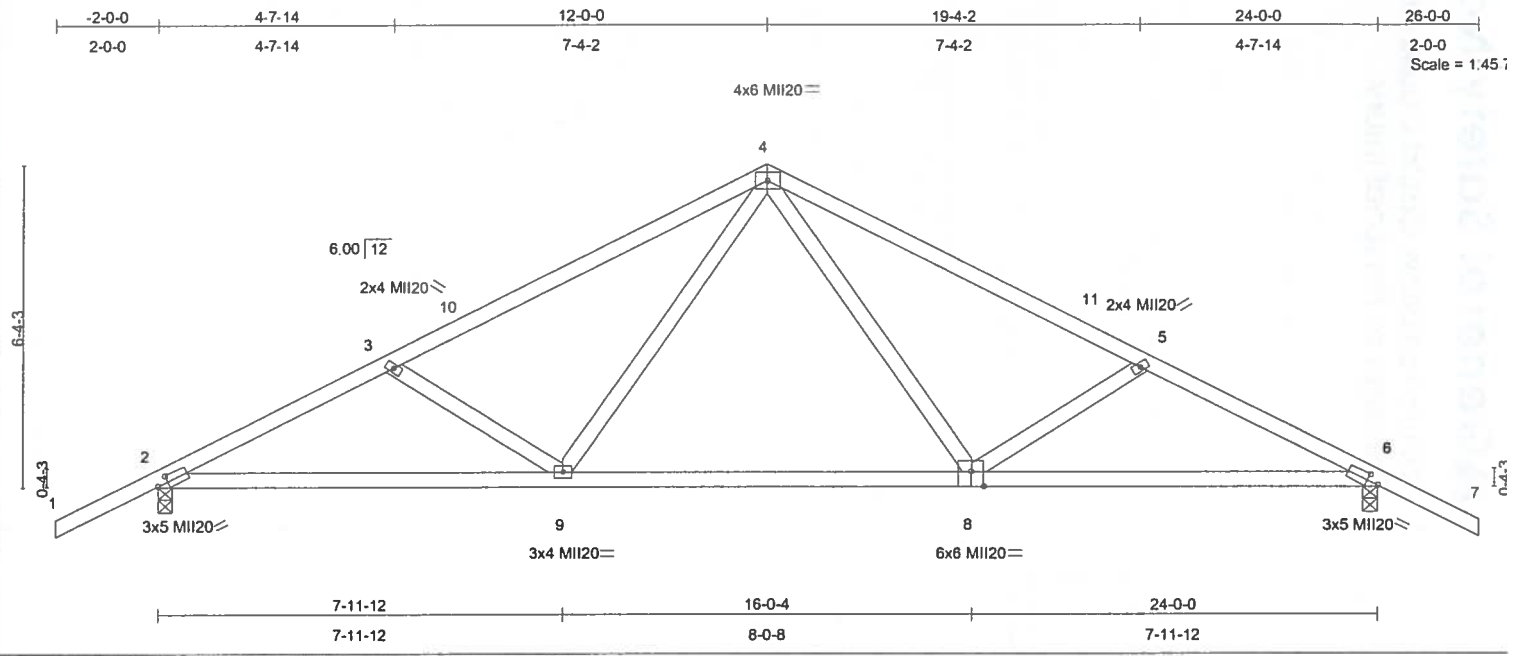


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [6:0-2-10,0-1-8], [8:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.24	8-9	>999	240	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.49	8-9	>585	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.21	Horz(TL)	0.06	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 115 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-6 oc bracing.

REACTIONS (lb/size) 2=1238/0-3-8, 6=1238/0-3-8
Max Horz 2=101(load case 5)
Max Uplift2=-564(load case 5), 6=-564(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2079/723, 3-10=-1801/591, 4-10=-1710/618, 4-11=-1710/618, 5-11=-1801/591, 5-6=-2079/723, 6-7=0/53
BOT CHORD 2-9=-580/1794, 8-9=-245/1184, 6-8=-513/1794
WEBS 3-9=-354/282, 4-9=-181/643, 4-8=-181/643, 5-8=-354/282

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 564 lb uplift at joint 2 and 564 lb uplift at joint 6.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-7=-60, 2-9=-20, 8-9=-60(F=-40), 6-8=-20

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1801 Massaro Blvd
Tampa FL 33619
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December 27,2005

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Tampa, FL 33619

MiTek

Job	Truss	Truss Type	Qty	Ply	
ZAWS	A	COMMON	21	1	T1928 Job Reference (optional)

SANTA FE TRUSS, HIGH SPRINGS FL., p.colacino — 6.200 s Oct 18 2005 MiTek Industries, Inc. Tue Dec 27 09:05:51 2005 Page 1

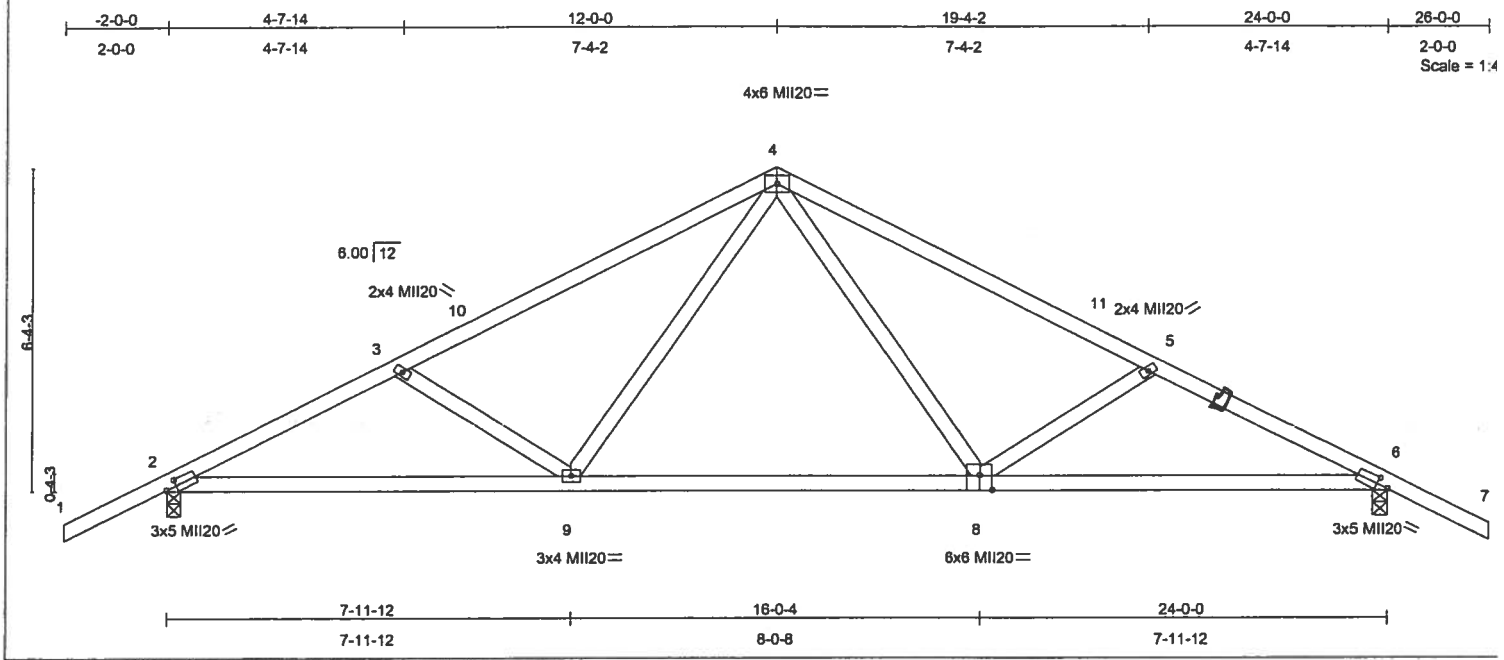

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [6:0-2-10,0-1-8], [8:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.24	8-9	>999	240	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.49	8-9	>585	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.21	Horz(TL)	0.06	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 115 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-6 oc bracing.

REACTIONS (lb/size) 2=1238/0-3-8, 6=1238/0-3-8
Max Horz 2=101(load case 5)
Max Uplift2=-564(load case 5), 6=-564(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2079/723, 3-10=-1801/591, 4-10=-1710/618, 4-11=-1710/618, 5-11=-1801/591, 5-6=-2079/723, 6-7=0/53
BOT CHORD 2-9=-580/1794, 8-9=-245/1184, 6-8=-513/1794
WEBS 3-9=-354/282, 4-9=-181/643, 4-8=-181/643, 5-8=-354/282

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 564 lb uplift at joint 2 and 564 lb uplift at joint 6.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-7=-60, 2-9=-20, 8-9=-60(F=-40), 6-8=-20

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Tampa FL 33619
FL Cert.#6634

December 27,200

1801 Massaro Blvd.
Tampa, FL 33619

MiTek

Job	Truss	Truss Type	Qty	Ply	
ZAWS	AET	COMMON	2	1	T192831

Job Reference (optional)

SANTA FE TRUSS, HIGH SPRINGS FL., p.colacino — 6.200 s Oct 18 2005 MiTek Industries, Inc. Tue Dec 27 09:05:53 2005 Page 1

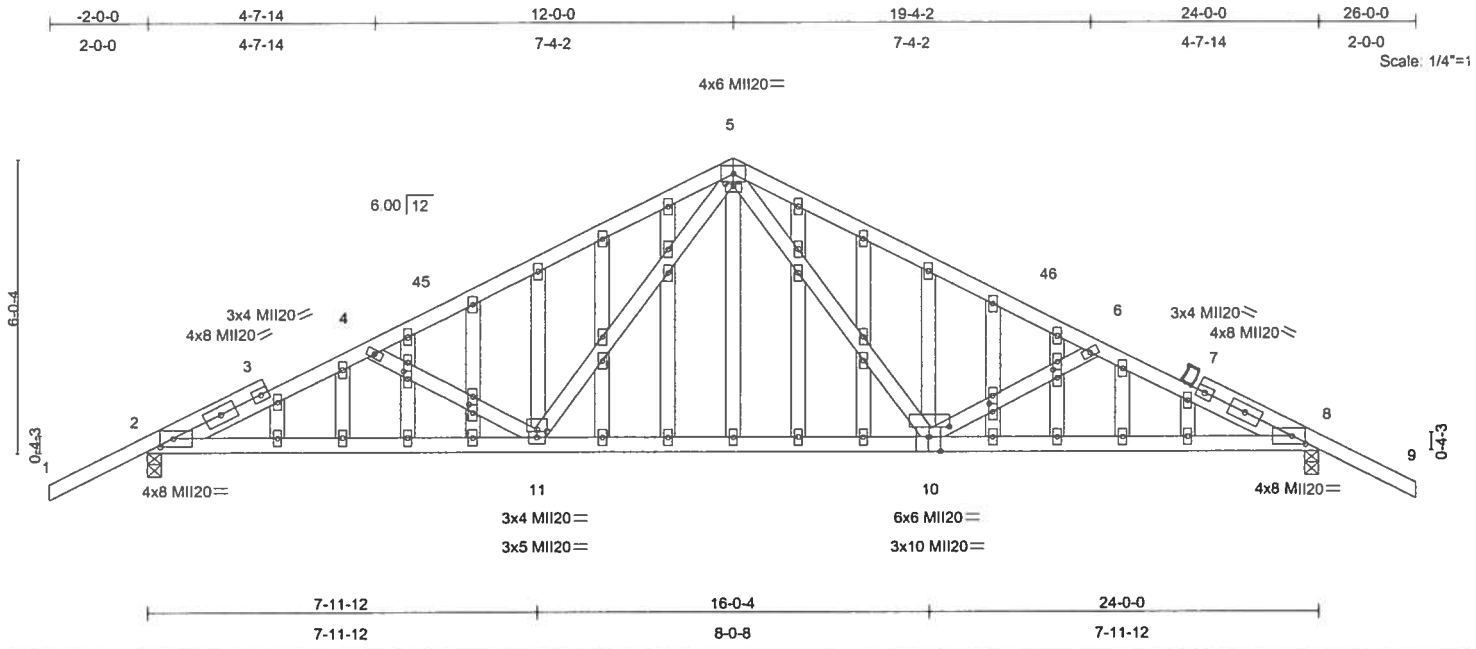

Plate Offsets (X,Y): [2:0-3-4,0-2-0], [5:0-2-0,0-0-8], [8:0-3-4,0-2-0], [10:0-5-0,0-2-8], [10:0-3-0,Edge], [11:0-2-8,0-0-7], [20:0-1-15,0-1-0], [23:0-1-15,0-1-0], [38:0-1-15,0-1-0], [41:0-1-15,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	0.24	10-11	>999	240	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.81	Vert(TL)	-0.51	10-11	>558	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.24	Horz(TL)	0.07	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 184 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-8-9 oc bracing.

REACTIONS (lb/size) 2=1238/0-3-8, 8=1238/0-3-8
Max Horz 2=-95(load case 6)
Max Uplift2=-565(load case 5), 8=-565(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2349/796, 3-4=-2292/814, 4-45=-1960/631, 5-45=-1865/658, 5-46=-1865/658, 6-46=-1960/632, 6-7=-2292/814, 7-8=-2349/797, 8-9=0/53
BOT CHORD 2-11=-687/2104, 10-11=-273/1249, 8-10=-617/2104
WEBS 4-11=-519/337, 5-11=-209/736, 5-10=-209/736, 6-10=-519/338

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MII20 unless otherwise indicated.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable studs spaced at 1-4-0 oc.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 565 lb uplift at joint 2 and 565 lb uplift at joint 8.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-60, 5-9=-60, 2-11=-20, 10-11=-60(F=-40), 8-10=-20

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MiTek Industries, Inc.
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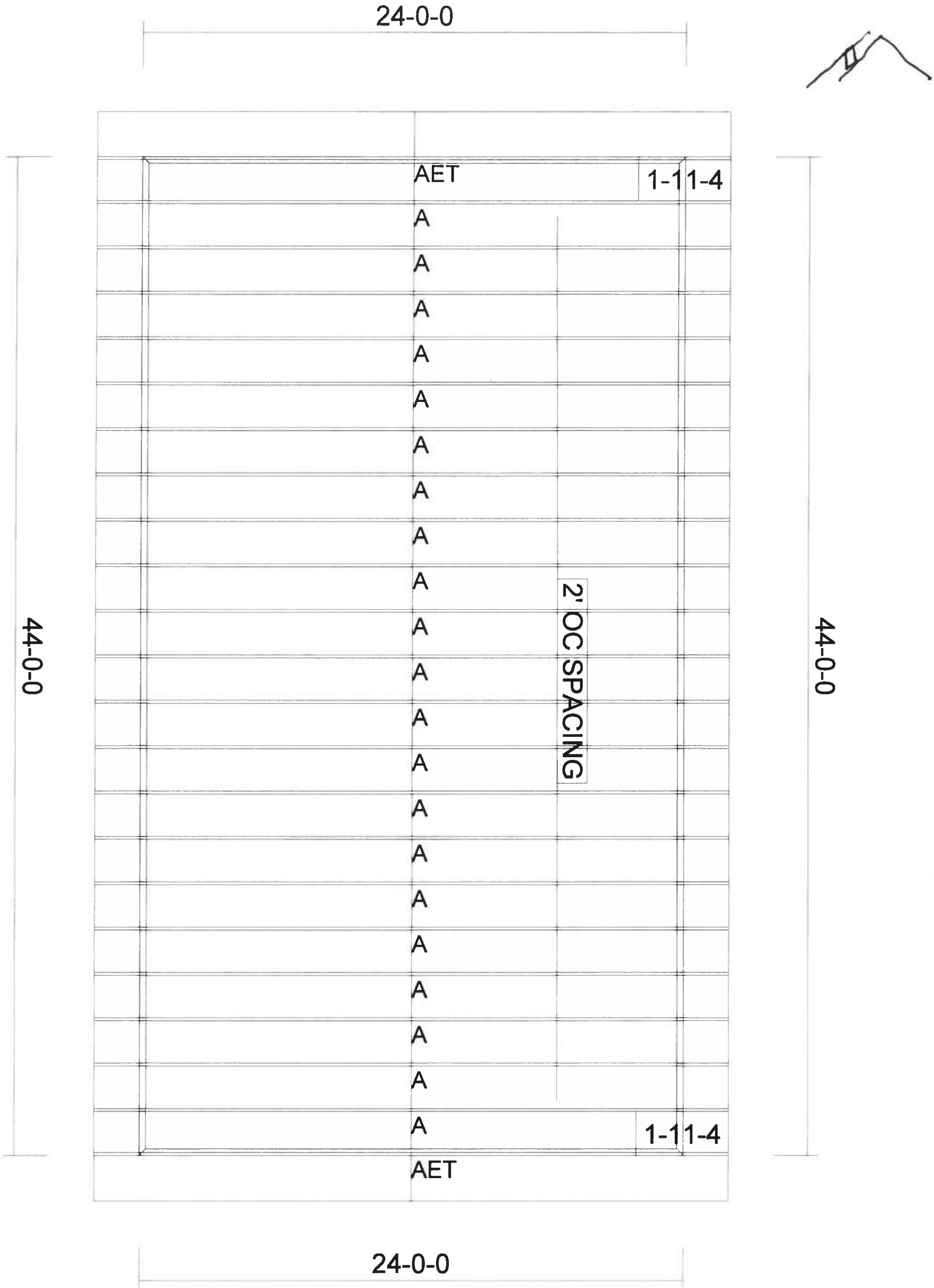
Tampa FL 33619
FL Cert #6634

December 27,2005

1801 Massaro Blvd.
Tampa, FL 33619

MiTek

Santa Fe Truss
410 SW Poe Springs RD
High Springs, FL 32655
Job: ZAWS
Scale: Fit Date: 12/28/2005



Job	Truss	Truss Type	Qty	Ply	
ZAWS	AET	COMMON	2	1	T1928

Job Reference (optional)

SANTA FE TRUSS, HIGH SPRINGS FL., p.colacino — 6.200 s Oct 18 2005 MiTek Industries, Inc. Tue Dec 27 09:05:53 2005 Page

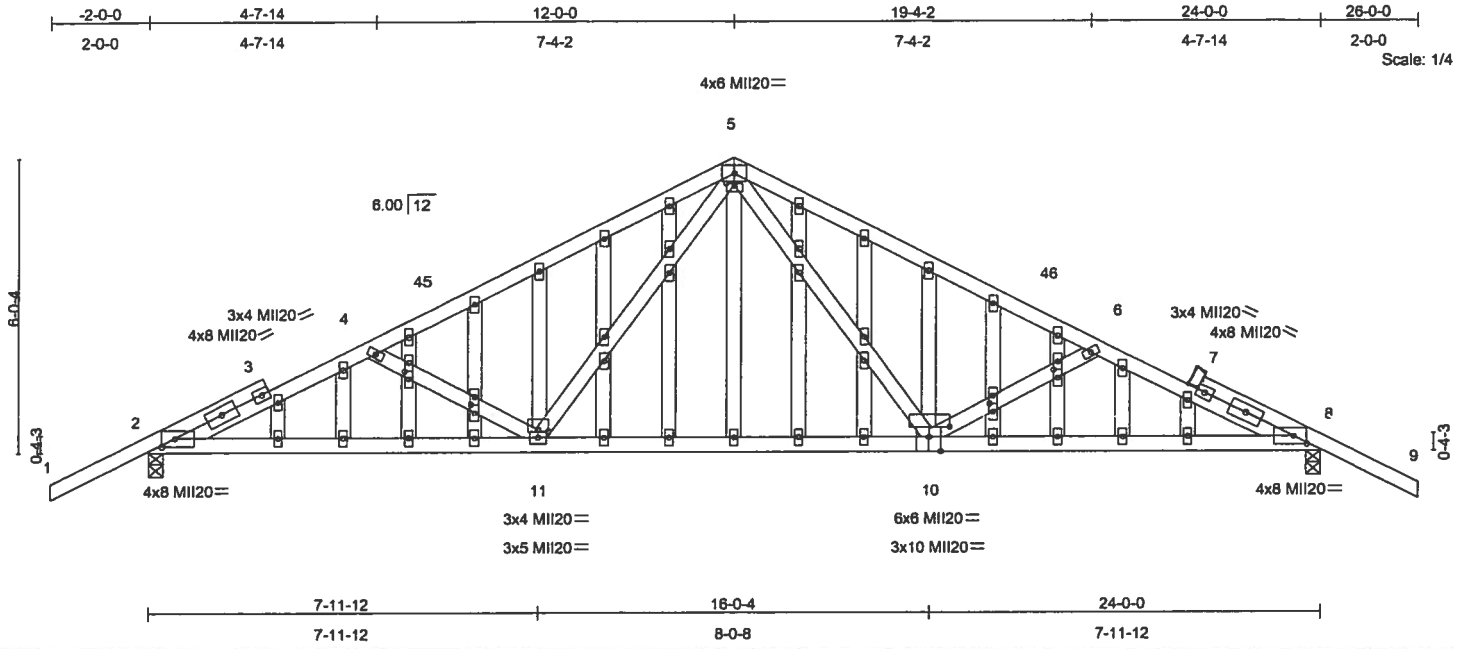


Plate Offsets (X,Y): [2:0-3-4,0-2-0], [5:0-2-0,0-0-8], [8:0-3-4,0-2-0], [10:0-5-0,0-2-8], [10:0-3-0,Edge], [11:0-2-8,0-0-7], [20:0-1-15,0-1-0], [23:0-1-15,0-1-0], [38:0-1-15,0-1-0], [41:0-1-15,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	0.24	10-11	>999	240	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.81	Vert(TL)	-0.51	10-11	>558	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.24	Horz(TL)	0.07	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 184 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-8-9 oc bracing.

REACTIONS (lb/size) 2=1238/0-3-8, 8=1238/0-3-8
Max Horz 2=-95(load case 6)
Max Uplift2=-565(load case 5), 8=-565(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2349/796, 3-4=-2292/814, 4-45=-1960/631, 5-45=-1865/658, 5-46=-1865/658, 6-46=-1960/632, 6-7=-2292/814, 7-8=-2349/797, 8-9=0/53
BOT CHORD 2-11=-687/2104, 10-11=-273/1249, 8-10=-617/2104
WEBS 4-11=-519/337, 5-11=-209/736, 5-10=-209/736, 6-10=-519/338

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MII20 unless otherwise indicated.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable studs spaced at 1-4-0 oc.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 565 lb uplift at joint 2 and 565 lb uplift at joint 8.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-60, 5-9=-60, 2-11=-20, 10-11=-60(F=-40), 8-10=-20

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December 27,20(

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Tampa, FL 33619

MiTek

FLORIDA PEST CONTROL & CHEMICAL CO. Since 1949

536 SE BAYA DR.
LAKE CITY,
FL 32035
PHONE 752-1703

F 08315

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service • Garden Supplies
Member Florida & National Pest Control Associations

Customer's Account No. Date 1-26-06

Name Scott Zaudy

Address 711 SW California Ter

City Fort White State FL Zip 32

Phone (386)497-1008 County Col

☐ Please charge my credit card: #24056

☐ VISA ☐ MasterCard ☐ Discover

Card number _____ Expires _____

Cardholder _____
(please print name exactly as it appears on card)

Signature _____

SERVICED BY	CASH	C.O.D.	CHARGE	ON ACCT.	
F254	T				

CODE	DESCRIPTION	PRICE	AMOUNT
A	Perimeter		141
	Thank You!		
	SALES TAX		
	TOTAL		141

All claims and returned goods MUST be accompanied by this bill.

Received By Gundy F254

DISCOVER VISA MasterCard

FOLSOM BUSINESS FORMS, OCALA FLORIDA 629-1001 31077952 B-6

Notice of Treatment

ADD TO 7855

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 15 BAYA HUR
City LC Phone 7521703

Site Location: Subdivision Three River Est
Lot # ______ Block# ______ Permit # 24056
Address ______

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
Garage	1056	136	80

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 ________.

1-26-06	1400	F254
Date	Time	Print Technician's Name

Remarks: ______

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 36-6S-15-00909-032 Building permit No. 000024056

Use Classification ATTACHED GARAGE Fire: 0.00

Permit Holder _____ Waste: 0.00

Owner of Building SCOTT ZAWOY Total: 0.00

Location: 711 SW CALIFORNIA TERRACE

Date: 06/30/2006

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)