Columbia County Building Permit Application

left message 3/24/06

For Office Use Only Application # 0603-56 Date Received 3/16 By JW Permit # 10271 24305

Application Approved by - Zoning Official BLK Date 22.03.06 Plans Examiner DK JTH Date 3-20-06

Flood Zone X Per PLAT Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. LOW DEN.

Comments ~~Need owner disclosure form~~

Applicants Name Michael E. Linnane Phone 386-758-6946

Address 153 SW Bethany Place, Lake City, FL 32024

Owners Name Michael E. Linnane Phone 386-758-6946

911 Address 153 SW Bethany Place, Lake City, FL 32024

Contractors Name Michael E. Linnane Phone 386-758-6946

Address 153 SW Bethany Place, Lake City, FL 32024

Fee Simple Owner Name & Address —

Bonding Co. Name & Address —

Architect/Engineer Name & Address —

Mortgage Lenders Name & Address N/A CASH

Property ID Number 10-45-16-02853-309 Estimated Cost of Construction 50,000.

Subdivision Name Russwood Estates Lot 9 Block ____ Unit 3 Phase ____

Driving Directions Hwy 90 W, L on CTY Rd 247 (Branford Hwy)
R on Troy ST. R on Russwood Terrace, L on Bethany Place

Type of Construction Storage Shed (ATTACHED) Number of Existing Dwellings on Property 1

Total Acreage .75 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 27' ✓ Side 44' ✓ Side 79' ✓ Rear 25' ✓

Total Building Height 19' Number of Stories 1 Heated Floor Area 0 Roof Pitch 6:12

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

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.

Michael E. Linnane

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number ____

Competency Card Number ____

STATE OF FLORIDA
COUNTY OF COLUMBIA

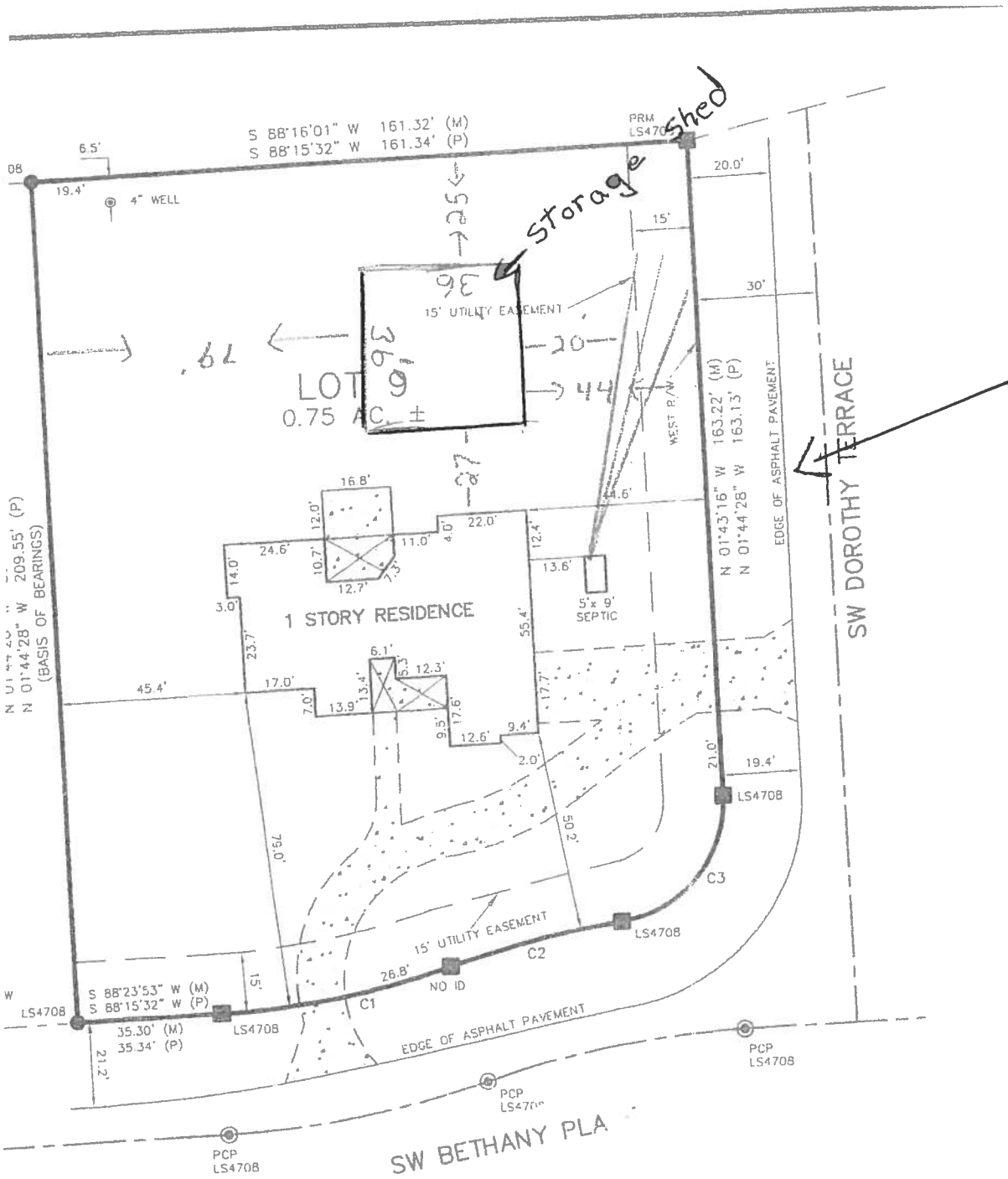
Sworn to (or affirmed) and subscribed before me this 14th day of March 2006.

Personally known ____ or Produced Identification ✓

NOTARY STAMP/SEAL

CONNIE ANDERSON
MY COMMISSION # DD 415070
EXPIRES: April 5, 2009
Bonded Thru Notary Public Underwriters

Notary Signature



BO

LOT

C

LOT 9, RUSSWOOD
PLAT BOOK 7
COUNTY, FLOR

unit 3

DENOTES 5/8" I
DENOTES IRON
DENOTES 4"x4"
DENOTES 4"x4"
DENOTES NAIL
NO ID - NO IDENTIFIC
FND - FOUND
CM - CONCRETE MO
± - MORE OR LESS
ORB - OFFICIAL REC
PG - PAGE (S)
℄ - CENTERLINE
(P) - PLAT
(D) - DEED
(C) - CALCULATED
(M) - MEASURED
O/S - OFFSET
POB - POINT OF BEGI
POC - POINT OF COM
FDOT - FLORIDA DEP
N - NORTH
E - EAST
S - SOUTH
W - WEST

IT 9, RUSSWOOD ESTATES, UNIT 3, BEING N 01°44'28" W.

OUTSIDE OF THE 500-YEAR FLOOD PLAIN PER FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 120070 0175 B, LAST
LINES, IF ANY, ARE SCALED FROM FLOOD INSURANCE RATE MAPS, PROVIDED BY FEMA.

ND IMPROVEMENTS PERTINENT TO THE SUBJECT PROPERTY HAVE BEEN LOCATED AS SHOWN HEREON. EXCEPTION IS MADE HEREON
VEMENTS NOT VISIBLE OR KNOWN AT DATE OF SURVEY.

IEFIT OF AN ABSTRACT OR TITLE POLICY. THEREFORE, EXCEPTION IS MADE HEREIN REGARDING EASEMENTS, RESERVATIONS AND
E CLIENT

) UTILITY POLES, IF ANY, MAY BE EXAGGERATED FOR CLARITY.

SURVEY F

11-16-
DATE OF CERTI

11-15-0
DATE OF FIELD S

SURVEY VALID ONL

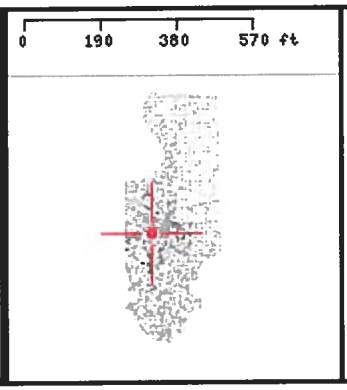
Columbia County Property Appraiser

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

PARCEL: 10-4S-16-02853-309 HX - SINGLE FAM (000100)

LOT 9 RUSSWOOD ESTATES UNIT 3 WD 987-2340, WD 987-2342. WD 1065-2232.

Name:	LINNANE MICHAEL EUGENE &	LandVal	$28,000.00
Site:	BETHANY	BldgVal	$174,692.00
	IDA MAE LINNANE	ApprVal	$208,600.00
Mail:	P O BOX 1985	JustVal	$208,600.00
	LAKE CITY, FL 32056	Assd	$208,600.00
Sales Info	11/18/2005 $289,000.00 I / Q	Exmpt	$25,000.00
	7/3/2003 $205,000.00 I / Q	Taxable	$183,600.00
	7/1/2003 $21,000.00 V / Q		



This information, GIS Map Updated: 2/7/2006, 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.

Notice of Commencement Form

COLUMBIA COUNTY, FLORIDA

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 10-45-16-

1. **Description of property: (legal description of the property and street address or 911 address)**
   Storage building
   LOT 9 Russwood Estates Unit 3 WD

2. **General description of improvement:** New Construction

3. **Owner Name & Address** Michael E. Linnane
   153 SW Bethany PL Lake City, FL 32024 **Interest in Property** owner

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

5. **Contractor Name** Michael E. Linnane **Phone Number** 386-758-6946
   Address 153 SW Bethany PL Lake City, FL 32024

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

Inst:2006006492 Date:03/16/2006 Time:10:27
J.F. DC,P.DeWitt Cason,Columbia County B:1077 P:1358

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:
he owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Michael E. Linnane
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 14th of March, 20 06

NOTARY STAMP/SEAL

CONNIE ANDERSON
MY COMMISSION # DD 415070
EXPIRES: April 5, 2009
Bonded Thru Notary Public Underwriters

Columbia County Property Appraiser

DB Last Updated: 3/7/2006

2006 Proposed Values

Parcel: 10-4S-16-02853-309 HX

Tax Record | Property Card | Interactive GIS Map | Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	LINNANE MICHAEL EUGENE &
Site Address	BETHANY
Mailing Address	IDA MAE LINNANE P O BOX 1985 LAKE CITY, FL 32056
Brief Legal	LOT 9 RUSSWOOD ESTATES UNIT 3 WD 987-2340, WD 987-2342. WD 1065-2232.

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	10416.01
Tax District	3
UD Codes	MKTA06
Market Area	06
Total Land Area	0.750 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$28,000.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$174,692.00
XFOB Value	cnt: (1)	$5,908.00
Total Appraised Value		$208,600.00

Just Value		$208,600.00
Class Value		$0.00
Assessed Value		$208,600.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$183,600.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
11/18/2005	1065/2232	WD	I	Q		$289,000.00
7/3/2003	987/2342	WD	I	Q		$205,000.00
7/1/2003	987/2340	WD	V	Q		$21,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2003	Common BRK (19)	2446	3347	$174,692.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	2003	$5,908.00	2954.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 LT - (.750AC)	1.00/1.00/1.00/1.00	$28,000.00	$28,000.00

Columbia County Property Appraiser

DB Last Updated: 3/7/2006

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
( ) Farm Outbuilding
( ) New Construction
( ) Two-Family Residence
(X) Other Storage Bldg.
( ) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Michael E. Linnane, 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_____

Michael E. Linnane 3-27-06
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 3-27-06 Building Official/Representative L. Hl

ADD TO

Notice of Treatment 10B5

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: Baya Ave
City LC Phone 752 1703

Site Location: Subdivision Russwood
Lot # _____ Block# _____ Permit # 24305
Address 1535W Bethany PL

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

Type treatment: ☑ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Detached Garage	1296	144	216

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.

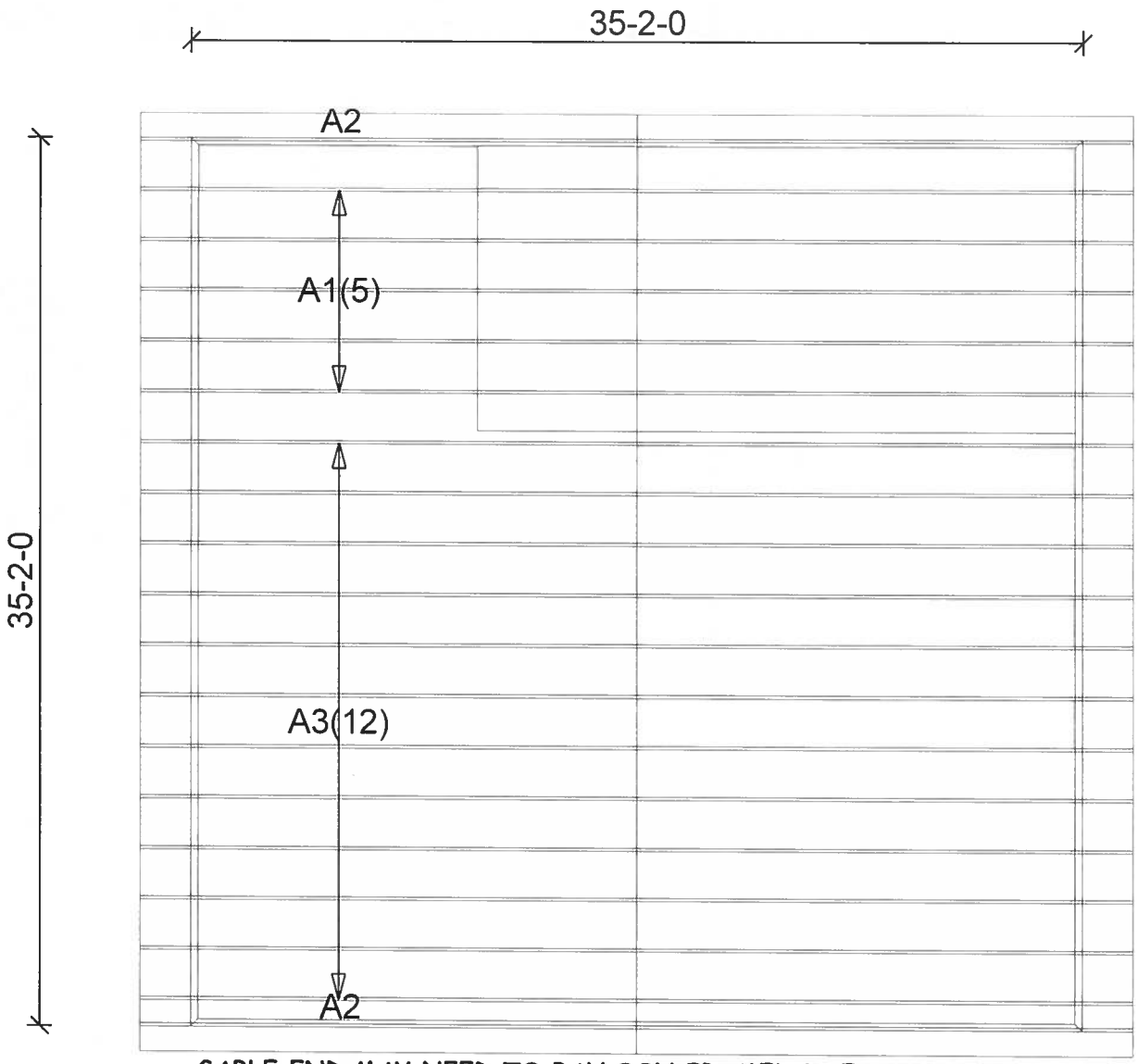
If this notice is for the final exterior treatment, initial this line _____.

4-12-06	1100	F254 Gunny
Date	Time	Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©



GABLE END MAY NEED TO BALLOON FRAMED DUE TO BRACING REQUIREMENTS AND CATHEDRAL CEILING.

Mayo Truss Co. Inc.
362 NE CLYDE AVE.
MAYO, FL 32066
(386)294-3988
(877)-558-6262

JONNY JOHNSON

MIKE LINNANE GARAGE

110 MPH ASCE WIND LOAD

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

Account: INDIVIDUAL
Job: johnson-linnane
Designer: M.MURRAY
Checker: M.MURRAY
Date: 03-09-06

Permit Number: _____ Lot Number: _____

Miscellaneous: _____ Address: _____

The information in this box is for administrative purposes only and is not part of the engineering review.

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: johnson-linnane - JOHNSON-LINNANE GARAGE

Standard Loading:

T.C. Live	20 psf
T.C Dead	10 psf
B.C Live	0 psf
B.C. Dead	10 psf
Total	40 psf

ANSI/ASCE 7-02
Wind Speed - 110 mph
Mean Roof Ht. - 15 ft.
Exposure Catergory - B
Occupancy Factor - 1.00
MWFRS
Enclosed

ROBBINS ENGINEERING, INC.

P.O. Box 280055
Tampa, FL 33682-0055
Phone: (813) 972-1135

Engineering Index Sheet

Index Page 1 of 1

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06030634	03/07/2006		3

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibilty of the Building Designer, as defined in ANSI/TPI 1-1995, Section 2.2. Permanent files of the original Truss Specificstion Sheet are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Sofware - Online Plus)

Notes: Refer to individual truss design drawings for special loading conditions.

	Date	Mark		Date	Mark		Date	Mark		Date	Mark
1	03/07/06	A1	2	03/07/06	A2	3	03/07/06	A3			

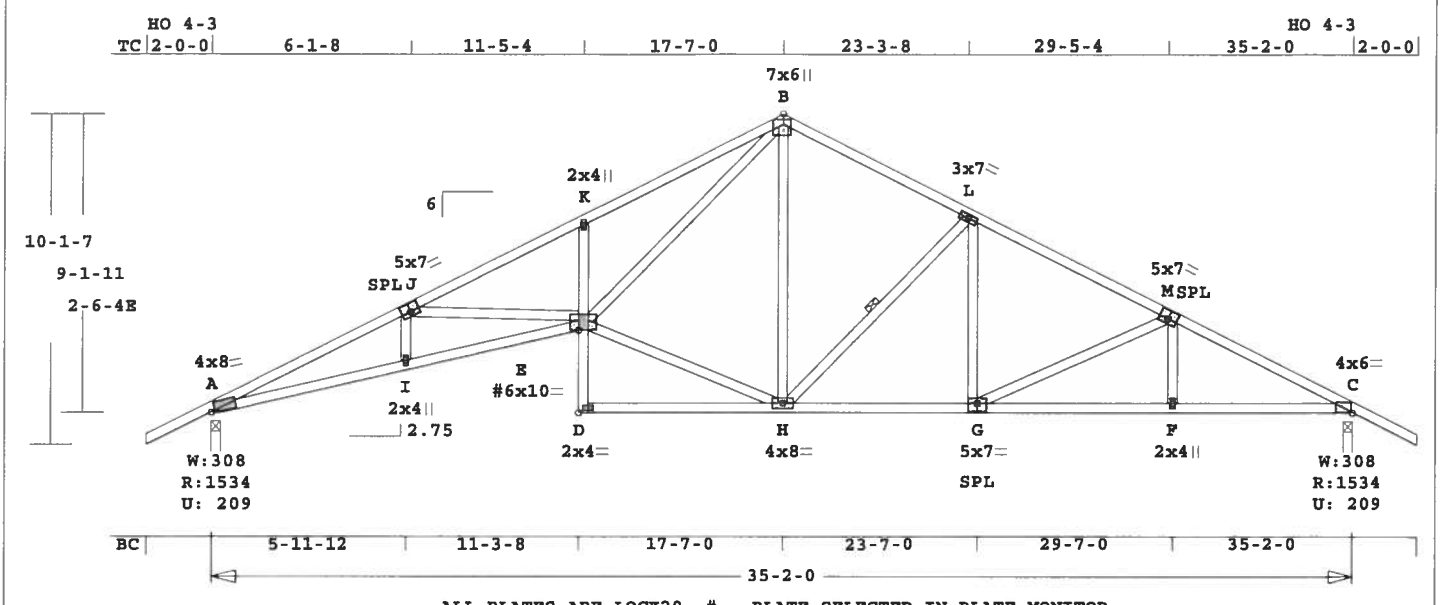
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

PHILIP J. O'REGAN
LICENSE
No. 58126
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Date Sealed: 3/7/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
johnson-linnane	A1	5	SP	350200	6	2- 0- 0	2- 0- 0	T06030634

U# J#johnson-linnane JOHNSON-LINNANE GARAGE



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.171" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 260.0 LBS

Online Plus -- Version 19.0.009
RUN DATE: 06-MAR-06

	CSI	-Size-	----Lumber----
TC	0.56	2x 4	SP-#2
BC	0.90	2x 4	SP-#2
CW	0.22	2x 4	SP-#2
WB	0.50	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 2- 0
BC Cont.	0- 0- 0	35- 2- 0

WB 1 rows CLB on H -L
Attach CLB with (2)-10d nails at each web.

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
A	1535	210	3- 8	1-13
			Hz =	-184
C	1535	210	3- 8	1-13
			Hz =	186

Membr	CSI	P Lbs	Axl	CSI-Bnd
----------Top Chords----------				
A -J	0.44	4399	C	0.13 0.31
J -K	0.56	3760	C	0.19 0.37
K -B	0.53	3721	C	0.09 0.44
B -L	0.41	1569	C	0.01 0.40
L -M	0.42	2088	C	0.02 0.40
M -C	0.26	2585	C	0.04 0.22
--------Bottom Chords---------				
A -I	0.90	4013	T	0.67 0.23
I -E	0.86	4025	T	0.67 0.19
D -H	0.24	33	T	0.00 0.24
H -G	0.46	1874	T	0.31 0.15
G -F	0.48	2311	T	0.38 0.10
F -C	0.46	2311	T	0.38 0.08
----------Chord-Webs----------				
D -E	0.17	97	T	0.00 0.17
E -K	0.22	316	C	0.00 0.22
----------Webs----------				
I -J	0.02	176	T	
J -E	0.20	555	C	
E -B	0.50	2752	T	
E -H	0.27	1466	T	
H -B	0.06	202	T	
H -L	0.16	690	C	1 Br
G -L	0.05	389	T	
G -M	0.27	481	C	
F -M	0.03	220	T	

TL Defl -0.64" in I -E L/645
LL Defl -0.31" in D -E L/999

Hz Disp	LL	DL	TL
Jt C	0.17"	0.17"	0.33"

Shear // Grain in B -L 0.24

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 8.0	Ctr	0.2	0.86
J	LOCK	5.0x 7.0	-0.2	0.5	0.73
K	LOCK	2.0x 4.0	Ctr	Ctr	0.24
B	LOCK	7.0x 6.0	-0.5	-1.1	0.91
L	LOCK	3.0x 7.0	Ctr	Ctr	0.43
M	LOCK	5.0x 7.0	0.2	0.5	0.73
C	LOCK	4.0x 6.0	Ctr	0.1	0.69
I	LOCK	2.0x 4.0	Ctr	Ctr	0.44
E#	LOCK	6.0x10.0	Ctr	1.2	0.69
D	LOCK	2.0x 4.0	Ctr	Ctr	0.58
H	LOCK	4.0x 8.0	Ctr	Ctr	0.56
G	LOCK	5.0x 7.0	Ctr	-0.5	0.74
F	LOCK	2.0x 4.0	Ctr	Ctr	0.44

= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

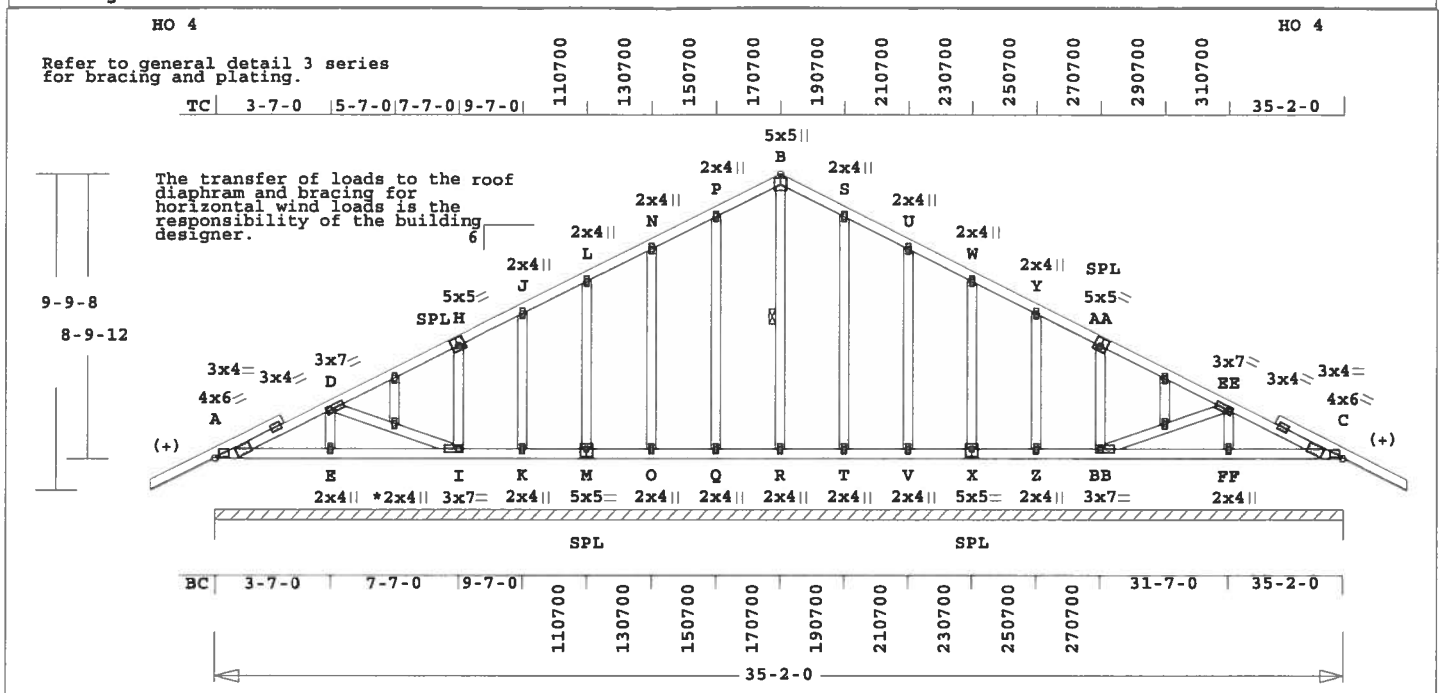
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 4399 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 3/7/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
johnson-linnane	A2	2	TR	350200	6	0	0	T06030634

U# J#johnson-linnane JOHNSON-LINNANE GARAGE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 296.2 LBS

Online Plus -- Version 19.0.009
RUN DATE: 06-MAR-06

	CSI	-Size-	----Lumber----
TC	0.13	2x 4	SP-#2
BC	0.08	2x 4	SP-#2
WB	0.02	2x 4	SP-#2
GW	0.08	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 2- 0
BC Cont.	0- 0- 0	35- 2- 0

WB 1 rows CLB on R -B
Attach CLB with (2)-10d nails at each web.

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
Cont.	Brg	0- 0- 0 to	35- 2- 0	
	2813	375	Hz =	178

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.13	117 C	0.00 0.13
D -H	0.13	76 C	0.00 0.13
H -J	0.11	59 C	0.00 0.11
J -L	0.03	48 C	0.00 0.03
L -N	0.03	42 T	0.00 0.03
N -P	0.03	77 T	0.00 0.03
P -B	0.03	110 T	0.00 0.03
B -S	0.03	110 T	0.00 0.03
S -U	0.03	77 T	0.00 0.03
U -W	0.03	42 T	0.00 0.03
W -Y	0.03	48 C	0.00 0.03
Y -AA	0.11	59 C	0.00 0.11
AA-EE	0.13	76 C	0.00 0.13
EE-C	0.13	117 C	0.00 0.13
--------Bottom Chords---------			
A -E	0.08	4 T	0.00 0.08
E -I	0.08	0 T	0.00 0.08
I -K	0.06	0 T	0.00 0.06
K -M	0.02	0 T	0.00 0.02
M -O	0.02	0 T	0.00 0.02
O -Q	0.02	0 T	0.00 0.02
Q -R	0.02	0 T	0.00 0.02
R -T	0.02	0 T	0.00 0.02
T -V	0.02	0 T	0.00 0.02
V -X	0.02	0 T	0.00 0.02
X -Z	0.02	0 T	0.00 0.02
Z -BB	0.06	0 T	0.00 0.06
BB-FF	0.08	0 T	0.00 0.08
FF-C	0.08	4 T	0.00 0.08
----------Webs----------			
D -I	0.02	98 C	
BB-EE	0.02	98 C	
----------Gable Webs----------			
E -D	0.01	167 C	
I -H	0.03	199 C	
K -J	0.02	92 C	
M -L	0.04	124 C	
O -N	0.06	119 C	
Q -P	0.08	123 C	
R -B	0.02	83 C	1 Br
T -S	0.08	123 C	
V -U	0.06	119 C	
X -W	0.04	124 C	
Z -Y	0.02	92 C	
BB-AA	0.03	199 C	
FF-EE	0.01	167 C	

TL Defl -0.01" in BB-FF L/999
LL Defl 0.00" in E -I L/999
Shear // Grain in D -H 0.14

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr-0.3		0.70
D	LOCK	3.0x 7.0	Ctr	Ctr	0.40
H	LOCK	5.0x 5.0	-0.2	0.5	0.73
J	LOCK	2.0x 4.0	Ctr	Ctr	0.44
L	LOCK	2.0x 4.0	Ctr	Ctr	0.44
N	LOCK	2.0x 4.0	Ctr	Ctr	0.44
P	LOCK	2.0x 4.0	Ctr	Ctr	0.44
B	LOCK	5.0x 5.0	Ctr	Ctr	0.66
S	LOCK	2.0x 4.0	Ctr	Ctr	0.44
U	LOCK	2.0x 4.0	Ctr	Ctr	0.44
W	LOCK	2.0x 4.0	Ctr	Ctr	0.44
Y	LOCK	2.0x 4.0	Ctr	Ctr	0.44
AA	LOCK	5.0x 5.0	0.2	0.5	0.73
EE	LOCK	3.0x 7.0	Ctr	Ctr	0.40
C	LOCK	4.0x 6.0	Ctr-0.3		0.70
E	LOCK	2.0x 4.0	Ctr	Ctr	0.44
I	LOCK	3.0x 7.0	Ctr	Ctr	0.50
K	LOCK	2.0x 4.0	Ctr	Ctr	0.44
M	LOCK	5.0x 5.0	Ctr-0.5		0.74
O	LOCK	2.0x 4.0	Ctr	Ctr	0.44
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.44
R	LOCK	2.0x 4.0	Ctr	Ctr	0.44
T	LOCK	2.0x 4.0	Ctr	Ctr	0.44
V	LOCK	2.0x 4.0	Ctr	Ctr	0.44
X	LOCK	5.0x 5.0	Ctr-0.5		0.74
Z	LOCK	2.0x 4.0	Ctr	Ctr	0.44
BB	LOCK	3.0x 7.0	Ctr	Ctr	0.50
FF	LOCK	2.0x 4.0	Ctr	Ctr	0.44

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
Design checked for 10 psf non-concurrent LL on BC.

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

PHILIP J. O'REGAN
LICENSE
No. 58126
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Date Sealed: 3/7/2006

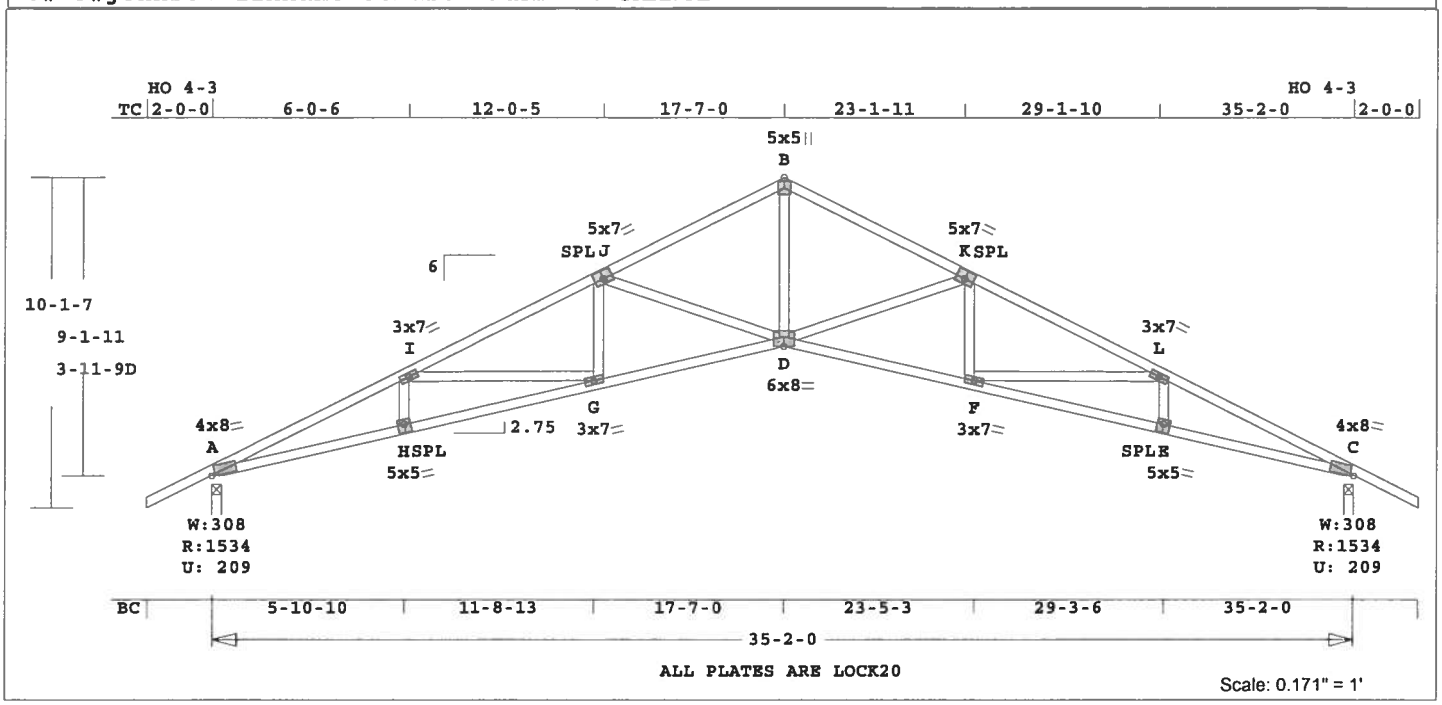
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
johnson-linnane	A2	2	TR	350200	6	0	0	T06030634

U# J#johnson-linnane JOHNSON-LINNANE GARAGE

Prevent truss rotation at all
bearing locations.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 199 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
johnson-linnane	A3	12	SCIS	350200	6	2- 0- 0	2- 0- 0	T06030634

U# J#johnson-linnane JOHNSON-LINNANE GARAGE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 220.7 LBS

Online Plus -- Version 19.0.009
RUN DATE: 06-MAR-06

	CSI	-Size-	----Lumber----
TC	0.66	2x 4	SP-#2
BC	0.91	2x 4	SP-#2
WB	0.40	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	35- 2- 0
BC Cont.		0- 0- 0	35- 2- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
A	1535	210	3- 8	1-13
			Hz =	-185
C	1534	210	3- 8	1-13
			Hz =	186

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -I	0.43	4407 C	0.13 0.30
I -J	0.66	3732 C	0.23 0.43
J -B	0.38	2807 C	0.05 0.33
B -K	0.38	2807 C	0.05 0.33
K -L	0.66	3732 C	0.23 0.43
L -C	0.43	4407 C	0.13 0.30
--------Bottom Chords---------			
A -H	0.91	4021 T	0.67 0.24
H -G	0.86	4036 T	0.67 0.19
G -D	0.70	3432 T	0.57 0.13
D -F	0.70	3432 T	0.57 0.13
F -E	0.86	4036 T	0.67 0.19
E -C	0.91	4021 T	0.67 0.24
----------Webs----------			
H -I	0.02	173 T	
I -G	0.26	582 C	
G -J	0.05	389 T	
J -D	0.39	886 C	
D -B	0.40	2186 T	
D -K	0.39	886 C	
F -K	0.05	389 T	
F -L	0.26	582 C	
E -L	0.02	173 T	

TL Defl -0.77" in D -F L/539
LL Defl -0.37" in D -F L/999

Hz Disp	LL	DL	TL
Jt C	0.27"	0.28"	0.55"

Shear // Grain in I -J 0.23

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 8.0	Ctr	0.2	0.86
I	LOCK	3.0x 7.0	Ctr	Ctr	0.40
J	LOCK	5.0x 7.0	-0.2	0.5	0.73
B	LOCK	5.0x 5.0	Ctr	Ctr	0.66
K	LOCK	5.0x 7.0	0.2	0.5	0.73
L	LOCK	3.0x 7.0	Ctr	Ctr	0.40
C	LOCK	4.0x 8.0	Ctr	0.2	0.86
H	LOCK	5.0x 5.0	0.1	-0.5	0.85
G	LOCK	3.0x 7.0	Ctr	Ctr	0.81
D	LOCK	6.0x 8.0	Ctr	-0.6	0.64
F	LOCK	3.0x 7.0	Ctr	Ctr	0.81
E	LOCK	5.0x 5.0	-0.1	-0.5	0.85

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 4407 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

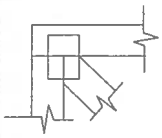
PHILIP J. O'REGAN
LICENSE
No. 58126
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Date Sealed: 3/7/2006

ROBBINS ENG. GENERAL NOTES & SYMBOLS

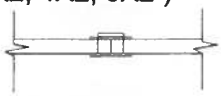
PLATE LOCATION

108



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

FLOOR TRUSS SPLICE (3X2, 4X2, 6X2)



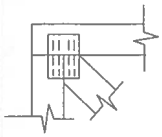
(W) = Wide Face Plate
(N) = Narrow Face Plate

LATERAL BRACING

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

PLATE SIZE AND ORIENTATION

3x5 ||



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

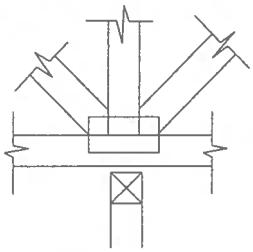
DIMENSIONS

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

6-08-08

708

BEARING



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

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

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

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

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

Robbins Engineering, Inc.

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

www.robbinseng.com

TimberSaver PT is a borate based wood preservative applied to lumber and plywood using a pressure-treatment process, to provide permanent protection against wood destroying insects and decay fungi in interior applications. TimberSaver PT borate treated lumber and plywood is not suitable for applications exposed to the weather or in ground contact and must be protected from exposure to liquid water.

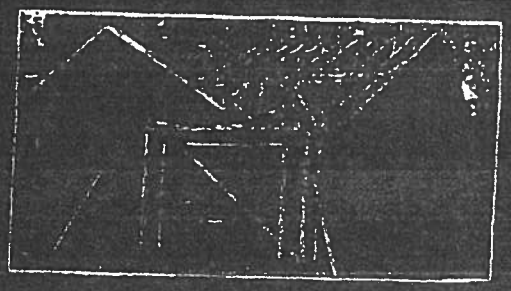
The active ingredient in TimberSaver PT, Disodium Octaborate Tetrahydrate or DOT, is the most widely accepted form of borates used for treatment of forest products. DOT is manufactured from naturally occurring boron, which is widely used in a variety of applications in agriculture, cleaning products and detergents, and in wood preservation.

Product Attributes

TimberSaver® PT

- Offers the most effective level of borate protection
- Provides permanent protection for dry interior applications
- Protects against fungal decay
- Protects against Formosan Termites and other wood destroying insects
- Non-corrosive to metal fasteners
- Non-toxic to humans and animals
- Does not adversely affect the strength properties of the treated lumber or plywood
- Is a colorless treatment and is also available with a dye to make job site product identification easier
- Is applied through a pressure-treatment process to optimize penetration of borate preservative
- Penetrates difficult-to-treat refractory species such as Spruce-Pine-Fir and Douglas-Fir*

* Incising is required for Coastal Douglas-Fir and Western Spruce-Pine-Fir as per AWPA Standard C31



Uses for TimberSaver® PT

Applications for **TimberSaver PT** treated products include:

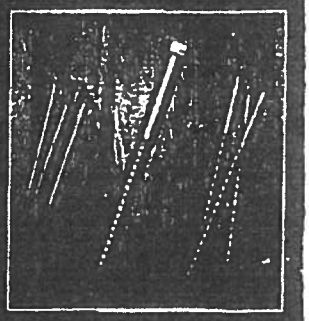
- Framing Lumber
- Studs
- Sill Plates
- Floor Joists
- Roof Rafters
- Trusses
- Plywood
- Interior Sheathing
- Furring Strips
- Flooring
- Moldings
- Interior Wood Trim

TimberSaver PT Protects Against These Wood Destroying Insects and Decay Causing Fungi.

- Formosan Termites*
- Subterranean Termites *(Coptotermes, Reticulitermes, Heterotermes)*
- Dampwood Termites *(Zootermopsis)*
- Drywood Termites *(Kalotermes, Incisitermes)*
- Carpenter Ants *(Componotus)*
- Powderpost Beetles *(Lyctidae)*
- Furniture Beetles *(Anobiidae)*
- Longhorn Beetles *(Cerambycidae)*
- Brown Rot Fungi
- White Rot Fungi
- Wet Rot Fungi

* Borate preservatives have been and continue to be a key weapon used in controlling Formosan Termites in Hawaii and other high hazard areas throughout the world. TimberSaver PT borate-treated lumber and plywood is protected against this aggressive termite species when the higher 0.42 pcf (DOT) retention is specified.

Handling and Use TimberSaver® PT



TimberSaver PT borate treated wood can be sawn, nailed, drilled, stained and assembled using standard fastener systems typically used in general wood construction practices.

Lumber and plywood treated with **TimberSaver PT** must be protected from exposure to the weather while in transit and while being stored at retail yards and job sites. **TimberSaver PT** products should be stored out of ground contact, either indoors or wrapped in plastic to protect against exposure to liquid water.

With the exception of Southern Pine, all end cut surfaces and field cuts of any type must receive an application of **TimberSaver** solution by brushing, spraying, dipping, or flooding.

Better Bilt

Windows & Doors

Windows for Florida Code

Series 3740

R45 Rating

(53 1/8 x 72 1/4)

HOME PRODUCTS

A division of
MI Home Products, Inc.

LOWES CONTACT NUMBERS
BETTER BILT WINDOWS

CONSUMER SERVICE 1-888-295-4068
FAX# 1-888-295-4096

A) To order merchandise.
B) To question the price of a purchase order.
C) To find out the approximate delivery date.

REPAIRS AND REPLACEMENT PARTS
1-800-949-3818
Fax# 1-717-365-3780

A) Call if merchandise needs to be repaired.
B) Customer can contact directly if they have a problem on a stock window.
C) Customer can contact directly on a special order if they have the purchase order number.
D) Call and order free parts for the replacement parts box. Please have Purchase Order for tracking purposes.

A) Contact www.BOAF.net for new Florida building code requirements.
B) There is an automated Fax Back system that allows the customer or store the ability to receive technical data on windows and patio doors. 1-888-899-4908

PETTENDILL
WINDOWS

MAXIMUM SIZES
FOR 140-MPH WIND CODE

SERIES 740 SINGLE HUNG

53 1/8″ X 72 1/4″

SERIES 740 PICTURE WINDOWS

6′ 0″ X 6′ 0″
8′ 0″ X 4′ 0″
4′ 0″ X 8′ 0″
7′ 0″ X 4′ 4″
4′ 4″ X 7′ 0″

ANY DIMENSION LARGER IN
WIDTH OR HEIGHT WILL NOT

AAMA/NWWDA 101/I.S.2-97
TEST REPORT SUMMARY

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 744 =37-0

TYPE: Aluminum Single Hung Window with Nail Fin

Title of Test	Results
Rating	H-R45 52 x 71
Overall Design Pressure	45 psf
Operating Force	21 lbs max.
Air Infiltration	0.11 cfm/ft^2
Water Resistance	6.75 psf
Structural Test Pressure	±67.5 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-40350.01 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technician

MAH:baw/nlb

Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-40350.01
Test Dates: 10/23/01
And: 10/25/01
Report Date: 11/30/01
Expiration Date: 10/25/05

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness performance testing on a Series/Model 744, aluminum single hung window at MI Home Products, Inc.'s test facility in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for an H-R45 52 x 71 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

Test Specimen Description:

Series/Model: 744

Type: Aluminum Single Hung Window with Nail Fin

Overall Size: 4' 4-1/8" wide by 5' 11-1/8" high

Active Sash Size: 4' 2-3/4" wide by 2' 11-3/4" high

Fixed Daylight Opening Size: 4' 1-1/8" wide by 2' 9" high

Screen Size: 4' 1-7/8" wide by 2' 11-5/16" high

Finish: All aluminum was silver.

Glazing Details: The active and fixed sash were glazed using one sheet of 1/8" thick clear, tempered glass. Each sash was channel glazed using a flexible vinyl gasket and aluminum framing.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.testati.com

Test Specimen Description: (Continued)

Weatherstripping

Description	Quantity	Location
0.330" high by 0.187" backed polypile with center fin	1 Row	Fixed meeting rail interlock
0.170" high by 0.187" backed polypile with center fin	1 Row	Fixed sash, stiles and top rail
3/8" diameter hollow bulb gasket	1 Row	Bottom rail
0.310" high by 0.187" backed polypile with center fin	1 Row	Active sash stiles
0.150" high by 0.187" polypile	1 Row	Active sash stiles

Frame Construction: The frame was constructed of extruded aluminum with coped, butted and sealed corners fastened with two screws each. Fixed sash was secured using one screw in each meeting rail end through exterior face of jamb. Silicone was utilized around exterior meeting rail perimeter.

Sash Construction: Each sash was constructed of extruded aluminum with coped and butted corners fastened with one screw each.

Screen Construction: The screen was constructed of roll formed aluminum. Corners were square cut secured using plastic corner keys. The fiberglass mesh was secured with a flexible vinyl spline.

Hardware:

Description	Quantity	Location
Plastic tilt latch	2	One each end of the active meeting rail
Metal sweep lock	2	13" from meeting rail ends
Balance assembly	2	One per jamb
Screen spring retaining clip	2	One per end of screen stile
Tilt pin	2	One each end of bottom rail

Test Specimen Description: (Continued

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The wood test buck was fabricated using #2 Spruce-Pine-Fir. The window was secured utilizing 1" roofing nails through the nailing fin, 6" on center. Exterior perimeter was sealed with silicone.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	21 lbs	30 lbs max.
2.1.2	Air Infiltration per ASTM E 283 (See Note #1) @ 1.57 psf (25 mph)	0.11 cfm/ft^2	0.30 cfm/ft^2 max.

Note #1: The tested specimen meets (or exceeds) the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

2.1.3	Water Resistance per ASTM E 547 (See Note #2)		

Note #2: The client opted to begin at a pressure higher than the minimum required. Those results are listed under "Optional Performance".

2.1.4.2	Uniform Load Structural per ASTM E 330 (See Note #2)		
2.2.1.6.2	Deglazing Test per ASTM E 987		
	In operating direction at 70 lbs		
	Top rail	0.06"/12%	0.50"/100%
	Bottom rail	0.06"/12%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.03"/6%	0.50"/100%
	Right stile	0.03"/6%	0.50"/100%

BetterBilt Series 2740

High Performance Aluminum Single Hung

THIS FENESTRATION PRODUCT COMPLIES * WITH THE

NEW FLORIDA BUILDING CODE

FOR RESIDENTIAL BUILDINGS WITH A MEAN ROOF HEIGHT OF 30 FT. OR LESS, EXPOSURE "B" (WHICH IS INLAND OF A LINE THAT IS 1500 FT. FROM THE COAST), AND WALL ZONE "5" (INSTALLED NEAR THE CORNER OF THE BUILDING).

PER ASTM E1300, THE CORRECT GLASS THICKNESS, BASED ON THE NEGATIVE DESIGN PRESSURE (DP) LISTED BELOW, HAS BEEN INSTALLED IN THIS UNIT. THE GLASS THICKNESS IS BASED ON IT'S WIDTH, HEIGHT, AND ASPECT RATIO.

WIND ZONE: 140 MPH OR LESS

DESIGN PRESSURE (DP): + 35.3 / - 47.2

THIS PRODUCT MEETS THE REQUIREMENTS FOR STRUCTURAL LOADS, WATER AND AIR INFILTRATION PER ATTACHED AAMA PERFORMANCE LABEL. BE ADVISED THAT IF LOADS ARE PLACED UP TO OR EXCEEDING THE TESTED LEVELS. THIS PRODUCT MAY BE ALTERED IN SUCH A WAY THAT FUTURE PERFORMANCE WILL BE REDUCED.

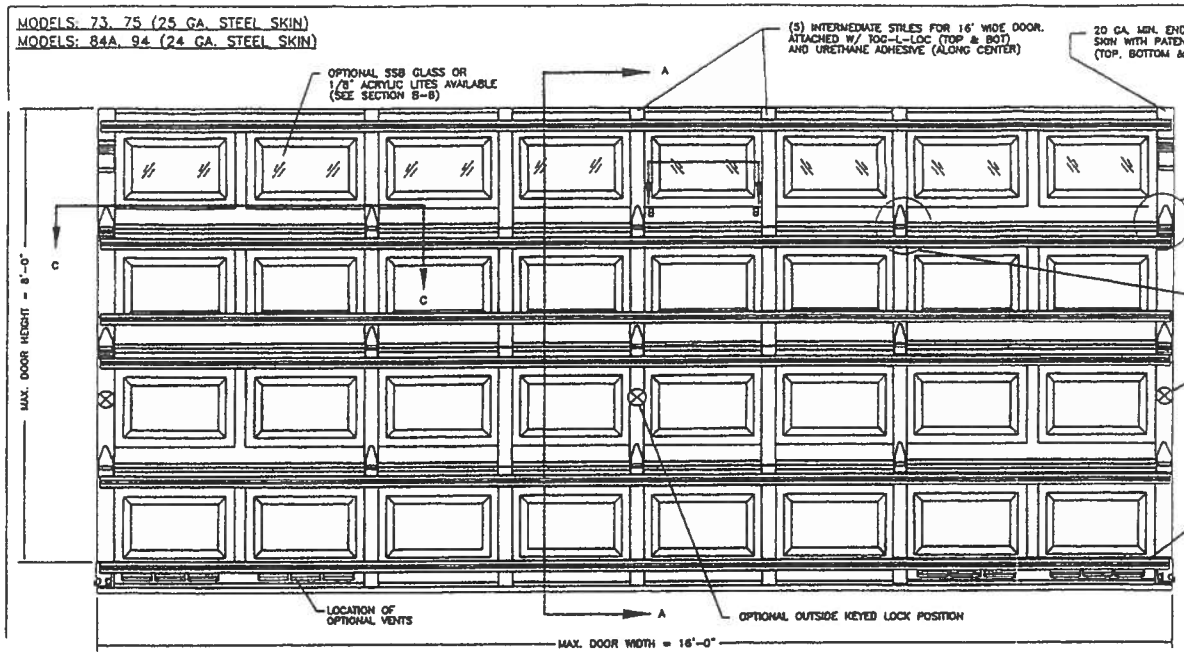
* COMPLIANCE MUST INCLUDE INSTALLATION ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND FLORIDA CODE REQUIREMENTS.

Exclusively at

LOWE'S®
Home Improvement Warehouse

MODELS: 73, 75 (25 GA. STEEL SKIN)
MODELS: 84A, 94 (24 GA. STEEL SKIN)

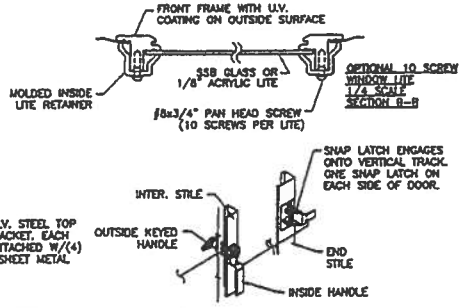
REV	DATE	DESCRIPTION
02	2/1/2000	ADDED JAMB ATTACHMENT INFORMATION
03	3/16/2000	ADDED LHR TRACK OPTION NOTE; DEL. M/N 82/90
04	11/13/2000	QTY.(1) WAS (2) FOR TRACK BOLTS

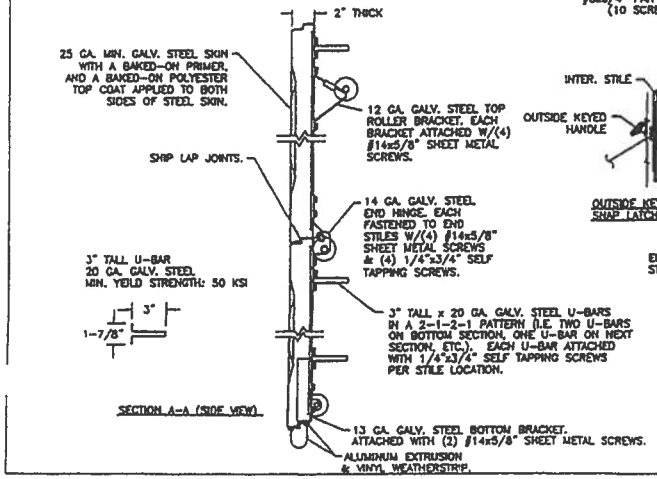


INSIDE ELEVATIONS

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

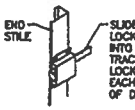
NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.





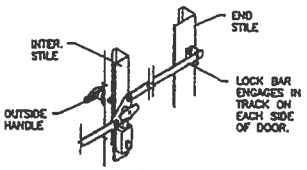
SECTION A-A (SIDE VIEW)

OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION

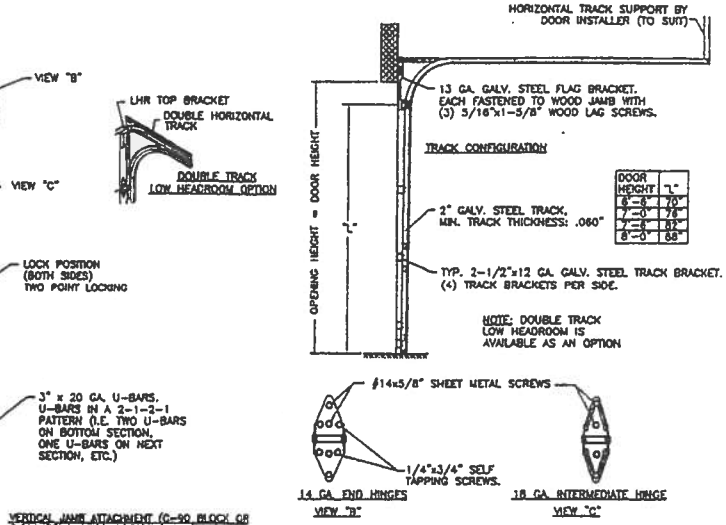


INSIDE SLIDE BOLT LOCK OPTION

LISTED
SBCCI PST&ESI
REPORT#9606C



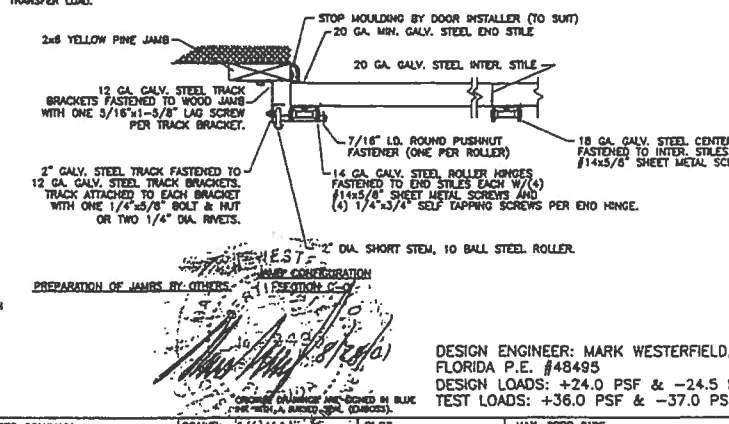
OUTSIDE KEYED LOCK LOCK BAR LOCKING



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

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHOR BOLTS ON 21" CENTERS (C-90 BLOCK) OR 24" CENTERS (2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 17-1/2" 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.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 19" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUN (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.



PREPARATION OF JAMBS BY OTHERS.

DESIGN ENGINEER: MARK WESTERFIELD, F
FLORIDA P.E. #48495
DESIGN LOADS: +24.0 PSF & -24.5 PS
TEST LOADS: +36.0 PSF & -37.0 PSF

Clopay Building Products Company

CLOPAY BUILDING PRODUCTS COMPANY
312 WALNUT STREET
SUITE 1600
CINCINNATI, OH 45202
(513) 381-4800

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SCALE: NOTED	PLOT:	MAX. DOOR SIZE: 16'0"W x 8'0"H	
DATE: 1/3/97	DESCRIPTION: M/N 73/75/84A/94 16'W +24/-24.5 PSF DES.		
DRAWN BY: JAC	B	DRAWING NUMBER: 101711	REV: 0
CHECKED BY: MWW			

ASTM HERITAGE 30 AR®

PRODUCT DATA

LAMINATED ASPHALT SHINGLES

Manufactured in Tuscaloosa, AL.

ASTM HERITAGE 30 AR® shingles feature a double-layer fiberglass mat construction with a random-cut sawtooth design. The two layers of mat are coated with asphalt and then laminated together and surfaced with mineral granules that will help protect against discoloration caused by algae. A self-sealing strip of asphalt helps provide added wind resistance.

USES

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

ADVANTAGES

- 30 year limited warranty, 5 year FULL START, limited transferability, winds up to 70 MPH
- Affordable upgrade from 3-tab shingles
- Superior fire resistance compared to organic shingles
- Rustic beauty of wood shakes
- Shadowtone feature adds depth and dimensional appearance
- Algae resistant granules to protect against discoloration in areas where extreme humidity is a problem
- 10 year limited warranty against discoloration caused by certain algae growth

CERTIFICATIONS

UL Class A Fire Rating
UL Wind Resistant

Fed. Spec.: Exceeds SS-S-001534, Class A, Type I

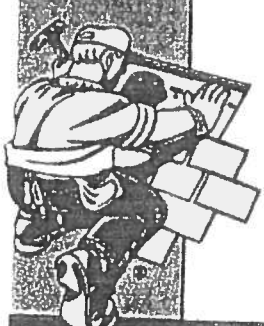
ASTM D 3018, Type I
ASTM E 108, Class A
ASTM D 3161, Type I (modified to 110 mph)
ASTM D 3462

COLORS

Classic Heritage Colors:

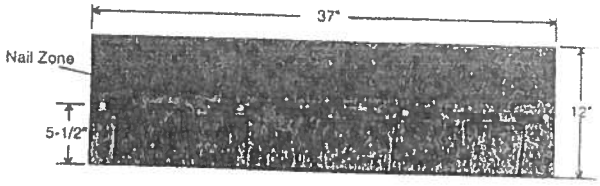
- Weathered Wood
- Rustic Cedar
- Rustic Hickory
- Driftwood
- Oxford Grey
- Shadow Grey
- Desert Sand
- Rustic Black
- Olde English Pewter
- Glacier White
- Rustic Evergreen

PRODUCT DATA*



Shingle size	12" X 37"
Exposure	5"
Shingles per square	78
Bundles per square	3

*All values stated as nominal



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

TAMKO® ROOFING PRODUCTS

TAMKO® is a registered trademark of TAMKO Roofing Products, Inc.

Visit our Web Site at www.tamko.com

01/2002

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

Installation instructions
are attached to the jamb

LOWES OF LAKE CITY, FL #179
Lake City, FL 32055

PO.NBR : 17534972 – EDI SO.NBR: 030259658 – 8

RELIABILT
6 – Panel Steel Entry Prehung
36" x 80" x 1 – 3/4"

Jamb:
4 – 9/16 Primed Jamb

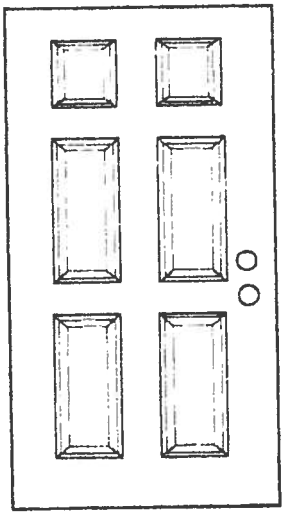
Bore:
Double Bore

Category:
Steel Entry

Brickmold:
Primed Brickmold

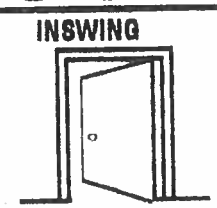
Threshold:
Adjustable

Lite:



FLORIDA
STATEWIDE
PRODUCT
APPROVAL
NUMBER
FL18

DP RATING : 76
COP – WL – CA4101 – 02 MID – WL – MA0001 – 02

WIDTH	HEIGHT
36"	80"
HANDING	INSWING
RH RIGHT	 View From Outside

0 30151 03517 0

01/04/06 Z-LOWES.EPH.DADE

030259658 – 8

21683

Installation Instructions are attached to the jamb

LOWES OF LAKE CITY, FL #179

Lake City, FL 32055

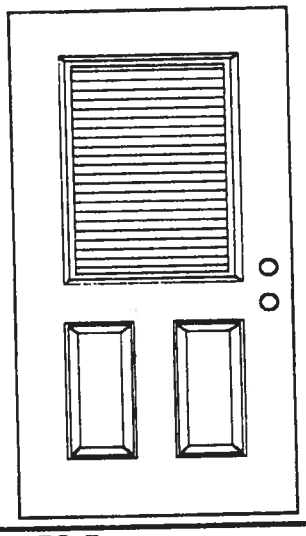
PO.NBR : 20516118 – EDI SO.NBR: 030271200 – 21

RELIABILT

1/2 Lite Mini Blinds Panel Steel

36" x 80" x 1 – 3/4"

Jamb: 4 – 9/16 Primed Jamb	Brickmold: Primed Brickmold
Bore: Double Bore	Threshold: Adjustable
Category: Steel Entry	Lite: 1/2 Lite Mini Blinds



FLORIDA STATEWIDE PRODUCT APPROVAL NUMBER

FL18

DP RATING : 50.5
COP – WL – CA4141 – 02 MID – WL – MA0001 – 02

WIDTH	HEIGHT
36"	80"
HANDING	INSWING
RH RIGHT	View From Outside

0 30151 07934 1

02/28/06 2 – LOWES.EPH.DADE

030271200 – 21

80652

Reliabilt by Castlegate Entry Systems – Yulee, FL

Attn: Weesie

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001027

DATE: 03/27/2006 BUILDING PERMIT NO. 24305

APPLICANT MICHAEL LINNANE PHONE 758-6946

ADDRESS 153 SW BETHANY PLACE LAKE CITY FL 32024

OWNER MICHAEL LINNANE PHONE 758-6946

ADDRESS 153 SW BETHANY PLACE LAKE CITY FL 32024

CONTRACTOR OWNER BUILDER PHONE

LOCATION OF PROPERTY 90 W, L 247, R TROY ST, R RUSSWOOD TERR, L BETHANY PLACE

SUBDIVISION/LOT/BLOCK/PHASE/UNIT RUSSWOOD ESTATES 9 3

PARCEL ID # 10-4S-16-02853-309

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: MSL

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS:

SIGNED: [signature] DATE: 3/30/06

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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

RECEIVED
MAR 28 2006
BY:

COLUMBIA COUNTY GATEWAY TO FLORIDA

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 10-4S-16-02853-309 **Building permit No.** 000024305

Use Classification STORAGE SHED **Fire:** 0.00

Permit Holder OWNER BUILDER **Waste:** 0.00

Owner of Building MICHAEL LINNANE **Total:** 0.00

Location: 153 SW BETHANY PLACE(RUSSWOOD EST.,LOT 9)

Date: 08/11/2006

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)