

DATE 06/29/2006

Columbia County Building Permit

PERMIT
000024693

This Permit Expires One Year From the Date of Issue

APPLICANT LAVONNE COX PHONE 386.755.7200
ADDRESS 1156 SE ERMINE STREET LAKE CITY FL 32025
OWNER MICHAEL J. LEWIS PHONE 386.963.5933
ADDRESS 298 NW ACORN DRIVE LAKE CITY FL 32055
CONTRACTOR JAMES R. COX PHONE 386.755.7200
LOCATION OF PROPERTY LAKE JEFFERY ROAD TO NASH RD, TL TO DUDLEY LOOP,TR AND IT'S
ON THE L. (LOOK FOR SIGN).

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 52600.00
HEATED FLOOR AREA 1052.00 TOTAL AREA 1132.00 HEIGHT 30.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 4'12 FLOOR CONC
LAND USE & ZONING A-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 16-3S-16-02160-013 SUBDIVISION OAKDALE
LOT 13 BLOCK PHASE UNIT TOTAL ACRES 1.01

000001138 RR0066502
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
WAIVER 06-0584-N BLK JTH
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. SECTION 2.3.1.LEGAL NON-CONFORMING
LOT OF RECORD.PREVENTATIVE TERMITE REPORT REC'D.

Check # or Cash 9921

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 265.00 CERTIFICATION FEE \$ 5.66 SURCHARGE FEE \$ 5.66
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 351.32
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0666-100 Date Received 6/28 By JW Permit # 1138/ 24693
 Application Approved by - Zoning Official SLK Date 28.06.06 Plans Examiner OK JTH Date 6-28-06
 Flood Zone XPS-44 Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 2.3.1 Legal non-conforming lot of Record

Applicants Name C/S Construction - LAYONNE Cox Phone 386-755-7200
 Address 4516 SE Ermine Ave. Suite 101 Lake City, Florida 32025
 Owners Name Michael Jacob Lewis Phone 386-963-5933
 911 Address 298 NW Acorn Drive Lake City, Fl. 32055
 Contractors Name James R. Cox Phone 386-755-7200
 Address 4516 SE Ermine Ave. Lake City, Fl. 32025
 Fee Simple Owner Name & Address Michael J. Lewis P.O. Box 424 Welton, Fl. 32094
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Nick Guiler 755-9021
 Mortgage Lenders Name & Address USDA/SHIP
 Circle the correct power company FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 16-35-16-02160-013 Estimated Cost of Construction 71,000.00
 Subdivision Name Oakdale Lot 13 Block Unit Phase
 Driving Directions Lake Hwy 90 Turn Right on Lake Jeffery, Turn left on Nash Road, Turn Right on Dudley Loop, Lot on left. Look for C/S Const. Sign.
 Type of Construction New Residential Number of Existing Dwellings on Property 0
 Total Acreage 1.01 Lot Size 210x209 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 70 Side 65 Side 101 Rear 115
 Total Building Height 30 Number of Stories 1 Heated Floor Area 1052 Roof Pitch 4/12
Porch 80 TOTAL 1138

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

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

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

James R. Cox
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 27th day of June 2006.
 Personally known ✓ or Produced Identification

James R. Cox
 Contractor Signature
 Contractors License Number RR0066502
 Competency Card Number 5476
 NOTARY STAMP/SEAL
 BELINDA LAFFOON
 NOTARY PUBLIC - STATE OF FLORIDA
 COMMISSION # DD301751
 EXPIRES 3/26/2008
Belinda Lafoon
 Notary Signature

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	The JANICE	Builder:	CnS CONSTRUCTION
Address:	-	Permitting Office:	Columbia
City, State:	LAKE CITY, FL	Permit Number:	24693
Owner:	CnS CONSTRUCTION	Jurisdiction Number:	221060
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 24.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1056 ft²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 24.0 kBtu/hr
(or Single or Double DEFAULT) 7a. (Single Default)	79.0 ft²		HSPF: 8.70
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear)	79.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 136.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.91
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=11.0, 949.0 ft²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	CF,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=22.0, 1056.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 106.0 ft		
b. N/A			

Glass/Floor Area: 0.09

Total as-built points: 17217

Total base points: 19312

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: [Signature]DATE: 26 JUN 2006 ARTUDS

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: -, LAKE CITY, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

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

ADDRESS: -, LAKE CITY, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Ratio	Tank X Multiplier X Credit	= Total Multiplier
3		2635.00	7905.0	50.0	0.91	3	1.00	2663.96	1.00 7991.9
				As-Built Total:					7991.9

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
5650		5758	7905 19312	3665		5560	7992 17217

PASS

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: -, LAKE CITY, FL,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		9177.1		Winter As-Built Points:					12206.6	
Total Winter Points	X System Multiplier	=	Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Heating Points
9177.1	0.6274		5757.7	(sys 1: Electric Heat Pump 24000 btuh ,EFF(8.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0 12206.6 1.000 (1.069 x 1.169 x 0.93) 0.392 1.000 5560.4						
				12206.6	1.00	1.162	0.392	1.000		5560.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, LAKE CITY, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X WPM X WOF = Points				
.18	1056.0	12.74	2421.6	Single, Clear	S	2.0	4.8	40.0	20.24	1.43	1160.1
				Single, Clear	S	7.0	4.8	20.0	20.24	3.24	1310.3
				Single, Clear	N	2.0	4.8	15.0	33.22	1.01	501.8
				Single, Clear	N	2.0	2.8	9.0	33.22	1.01	303.2
				Single, Clear	E	2.0	9.2	15.0	26.41	1.03	407.0
				As-Built Total:				99.0	3682.3		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0		949.0	3.70		3511.3	
Exterior	949.0	3.70	3511.3								
Base Total:		949.0	3511.3	As-Built Total:				949.0	3511.3		
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Wood			40.0	12.30		492.0	
Exterior	40.0	12.30	492.0								
Base Total:		40.0	492.0	As-Built Total:				40.0	492.0		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1056.0	2.05	2164.8	Under Attic	22.0		1056.0	2.45 X 1.00		2587.2	
Base Total:		1056.0	2164.8	As-Built Total:				1056.0	2587.2		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	136.0(p)	8.9	1210.4	Slab-On-Grade Edge Insulation	0.0		136.0(p)	18.80		2556.8	
Raised	0.0	0.00	0.0								
Base Total:		1210.4	1210.4	As-Built Total:				136.0	2556.8		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
		1056.0	-0.59					1056.0	-0.59		-623.0

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: -, LAKE CITY, FL,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 13243.1				Summer As-Built Points: 11922.3						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (1.09 x 1.147 x 0.91)	X System Multiplier	X Credit Multiplier	=	Cooling Points
13243.1	0.4266		5649.5	11922	1.00	0.284	0.950			3665.0
				11922.3	1.00	1.138	0.284	0.950		3665.0

(sys 1: Central Unit 24000 btuh ,SEER/EFF(12.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, LAKE CITY, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	1056.0	20.04	3809.2	Single, Clear	S	2.0	4.8	40.0	40.81	0.71	1164.9
				Single, Clear	S	7.0	4.8	20.0	40.81	0.48	388.9
				Single, Clear	N	2.0	4.8	15.0	21.73	0.87	282.0
				Single, Clear	N	2.0	2.8	9.0	21.73	0.77	149.9
				Single, Clear	E	2.0	9.2	15.0	47.92	0.94	672.5
				As-Built Total:				99.0			2658.2
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0			949.0	1.70		1613.3
Exterior	949.0	1.70	1613.3								
Base Total:				As-Built Total:				949.0			1613.3
DOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Wood				40.0	6.10		244.0
Exterior	40.0	6.10	244.0								
Base Total:				As-Built Total:				40.0			244.0
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1056.0	1.73	1826.9	Under Attic	22.0			1056.0	2.11 X 1.00		2228.2
Base Total:				As-Built Total:				1056.0			2228.2
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	136.0(p)	-37.0	-5032.0	Slab-On-Grade Edge Insulation	0.0			136.0(p)	-41.20		-5603.2
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				136.0			-5603.2
INFILTRATION Area X BSPM = Points							Area X SPM = Points				
	1056.0	10.21	10781.8					1056.0	10.21		10781.8

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.2

The higher the score, the more efficient the home.

CnS CONSTRUCTION, -, LAKE CITY, FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 24.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1056 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 24.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Single Default) 79.0 ft ²		HSPF: 8.70
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 79.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 136.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.91
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=11.0, 949.0 ft ²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	CF,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=22.0, 1056.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 106.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



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

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

Permit Number: _____
Tax Folio Number: 16-35-16-02160-013

State of: Florida
County of: Columbia

File Number: 06-0158

NOTICE OF COMMENCEMENT

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.

1. Description of Property:
Lot 13, OAKDALE SUBDIVISION, according to the plat thereof, recorded in Plat Book 4, Page(s) 83, of the Public Records of Columbia County, Florida.
2. General Description of Improvements:
3. Owner Information:
 - a. Name and Address: Michael Jacob Lewis, Lot 13 Oakdale S/D, Lake City, Florida 32025
 - b. Interest in property: Fee Simple
 - c. Names and address of fee simple title holder (if other than owner):
4. Contractor: C&S Construction
456 SE Ermine Street Suite 101, Lake City, FL 32025
5. Surety: n/a
6. Lender: USDA, Rural Development, 10094 US Hwy. 129, Live Oak, Florida 32060
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a)7., Florida Statutes.
8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): None

Michael Jacob Lewis
Michael Jacob Lewis

Sworn to and subscribed before me June 9, 2006 by Michael Jacob Lewis who is personally known to me or who did provide DL as identification.

Notary Public

My Commission Expires: 9/17/16



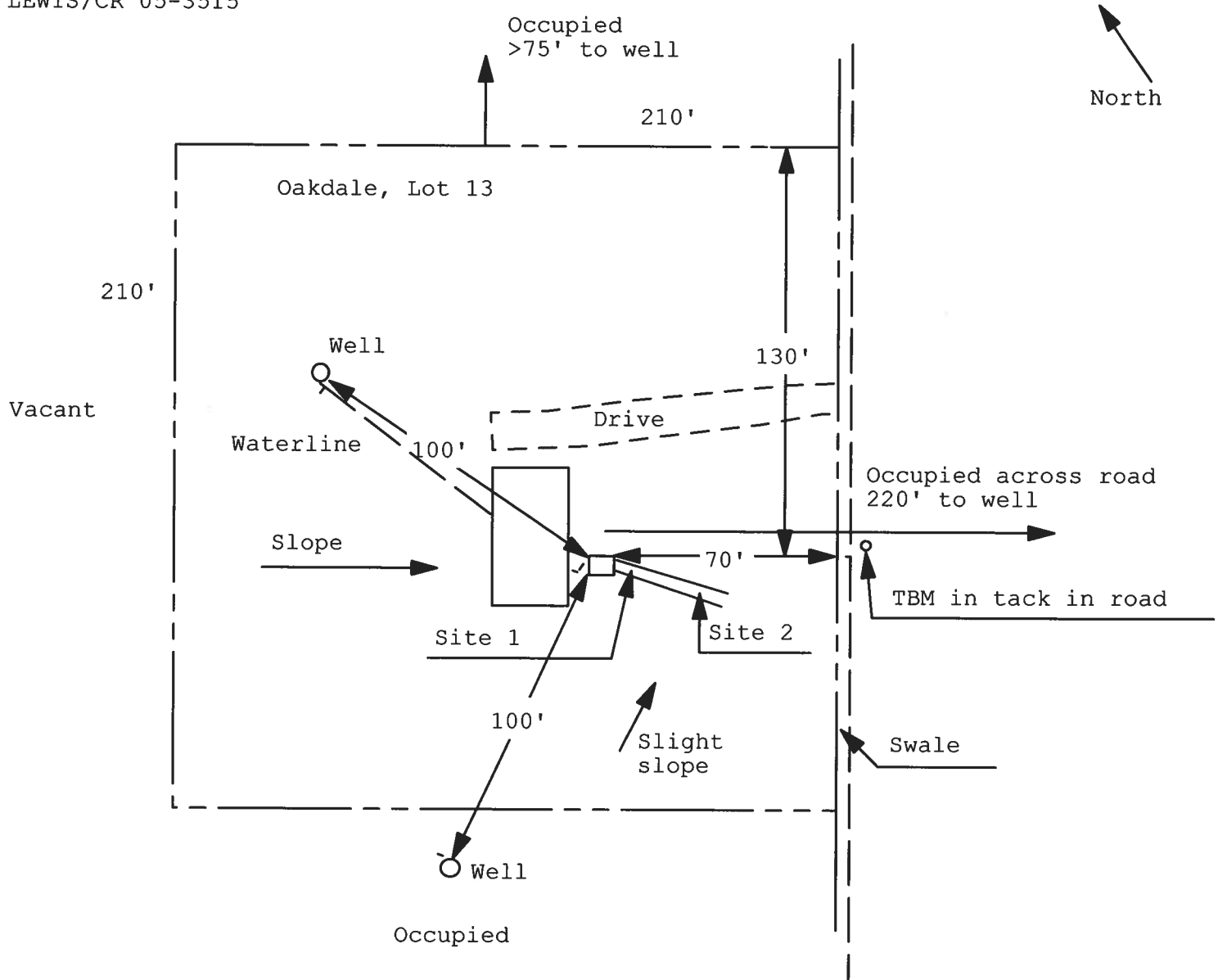
Matthew Rocco
My Commission DD150706
Expires September 17, 2009

Inst:200604435 Date:06/15/2006 Time:09:43
S. J. DC, P. Dewitt Cason, Columbia County B:1086 P:2300

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 06-0584N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

LEWIS/CR 05-3515



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 5/8/06
Plan Approved ☒ Not Approved ☐ Date 6.24.06

By Salhi Haddy, EII **Columbia CHD** CPHU

Notes: _____

Prepared by:
Matt Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 06-0158

Inst:2006014432 Date:06/15/2006 Time:09:43
Doc Stamp-Deed : 168.00
J. J. DC, P. DeWitt Cason, Columbia County B:1086 P:2289

General Warranty Deed

Made this June 9, 2006 A.D. By Glovene J. Cobb, whose address is: Lot 13 Oakdale S/D, Lake City, Florida 32025, hereinafter called the grantor, to Michael J. Lewis, A Single Person, whose post office address is: P.O. Box 424, Wellborn, FL 32094, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 13, OAKDALE SUBDIVISION, according to the plat thereof, recorded in Plat Book 4, Page(s) 83, of the Public Records of Columbia County, Florida.

Parcel ID Number: 16-35-16-02160-013

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2005.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

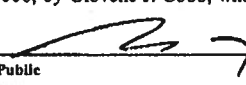

Witness Printed Name Matthew D. Rocco

Glovene J. Cobb (Seal)
Glovene J. Cobb
Address: Lot 13 Oakdale S/D, Lake City, Florida 32025

Jeanie Delgado (Seal)
Witness Printed Name Jeanie Delgado
P.O. Box 913
LAKE CITY FL 32056
Address:

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 9th day of June, 2006, by Glovene J. Cobb, who is/are personally known to me or who has produced DL as identification.


Notary Public
Print Name: _____
My Commission Expires: _____



*Gaylord Pump & Irrigation Inc.**P.O. Box 548**Branford, ME 02008*

386-935-0932 Fax 386-935-0778

4" Steel Casing (schedule 40)

1-Hp Submersible pump 18 gpm

1-1/4" Galvanize pipe

PC-244 Challenger Diaphragm Tank (81 gallon tank with 21.9 gallons of draw down)

This equipment meets or exceeds state code of March 2002

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 6/19/2006 DATE ISSUED: 6/26/2006

ENHANCED 9-1-1 ADDRESS:

298 NW ACORN

DR

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

16-3S-116-02160-01

Remarks:

LOT 13 OAKDALE S/D

Address Issued By: _____


Columbia County 9-1-1 Addressing / GIS Department

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

Columbia County Building Department Culvert Waiver

Culvert Waiver No.
000001138

DATE: 06/29/2006

BUILDING PERMIT NO. 24673

APPLICANT LAVONNE COX

PHONE 386.755.7200

ADDRESS 1156 SE ERMINE STREET

LAKE CITY

FL 32025

OWNER **MICHAEL J. LEWIS**

PHONE 386.963.5933

ADDRESS 298 NW ACORN DRIVE

LAKE CITY

FL 32055

CONTRACTOR JAMES R. COX

PHONE 386.755.7200

LOCATION OF PROPERTY LAKE JEFFERY ROAD TO NASH RD, TL TO DUDLEY LOOP, TR AND IT'S ON
THE L, LOOK FOR C&S SIGN.

SUBDIVISION/LOT/BLOCK/PHASE/UNITOAKDALE

13

PARCEL ID # 16-3S-16-02160-013

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:

**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

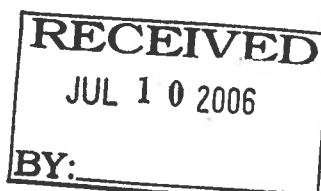
COMMENTS:

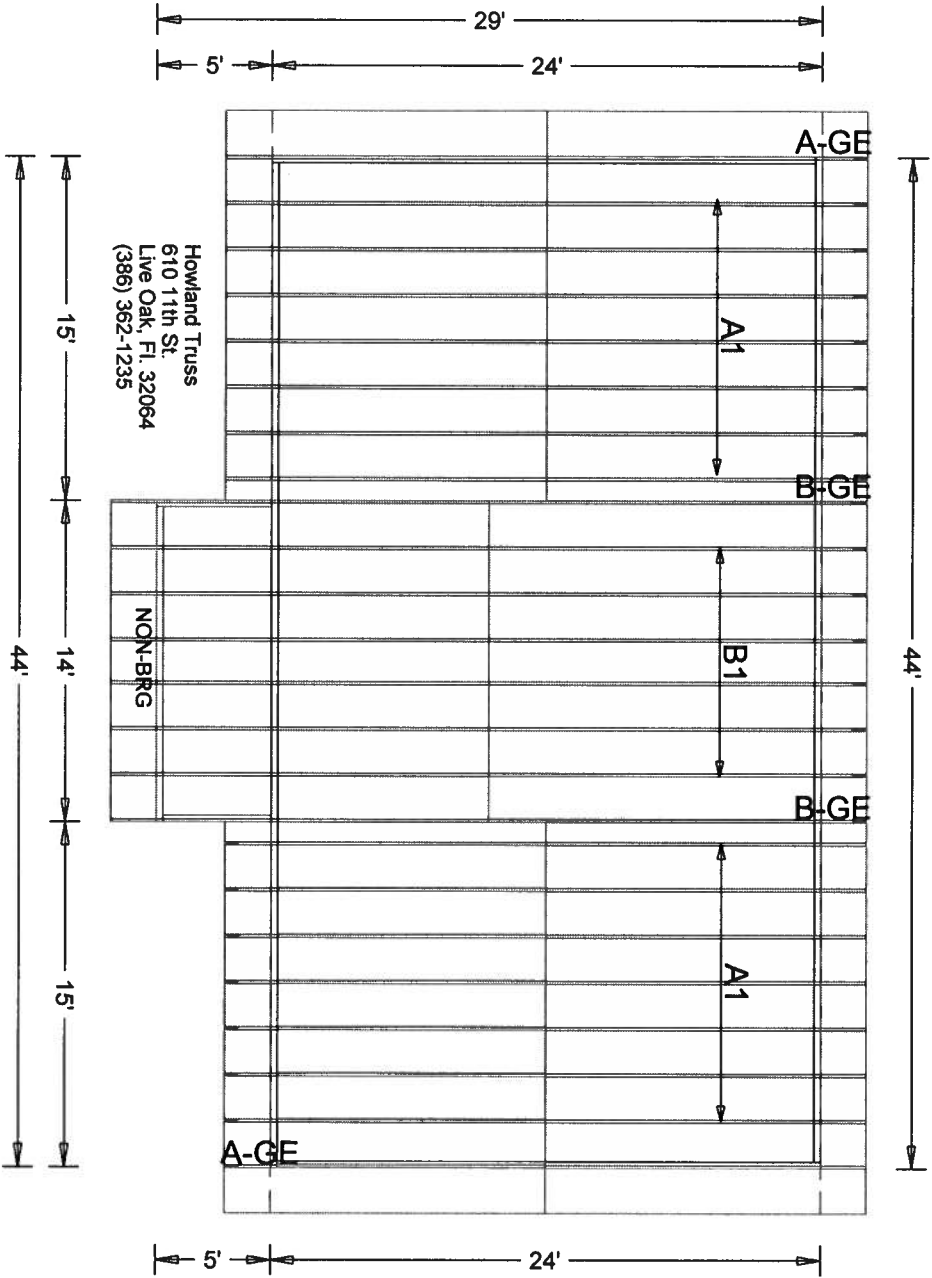
SIGNED:

DATE:

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





DATE: 8/23/05
 ROOF PITCH: 4/12
 CLG PITCH: FLAT
 OVERHANG: 2'
 LOADING: 40/SHGL
 WIND LOAD: 110
 EXT WALLS: 2X4, 8' HT.
 PLEASE REVIEW LAYOUT AND
 DRAWINGS CAREFULLY AS
 TRUSSES WILL BE BUILT IN
 STRICT ACCORDANCE WITH
 THIS LAYOUT.

Job Name: LEWIS RESIDENCE
 Customer: C&S CONSTRUCTION
 Designer: Cindy Gude-Weitzel

JOB NO:
 3631

PAGE NO:
 1 OF 1

Alpine Engineered Products, Inc.

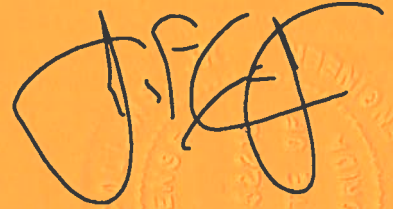
1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SY2215-Z1114142631

Truss Fabricator: W.B. Howland
Job Identification: 3631-/LEWIS RESIDENCE /C&S CONSTRUCTION -- , **
Truss Count: 4
Model Code: ;Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD);ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software,Version 7.12.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: A11030EC-GBLLETIN-



Seal Date: 06/14/2006

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

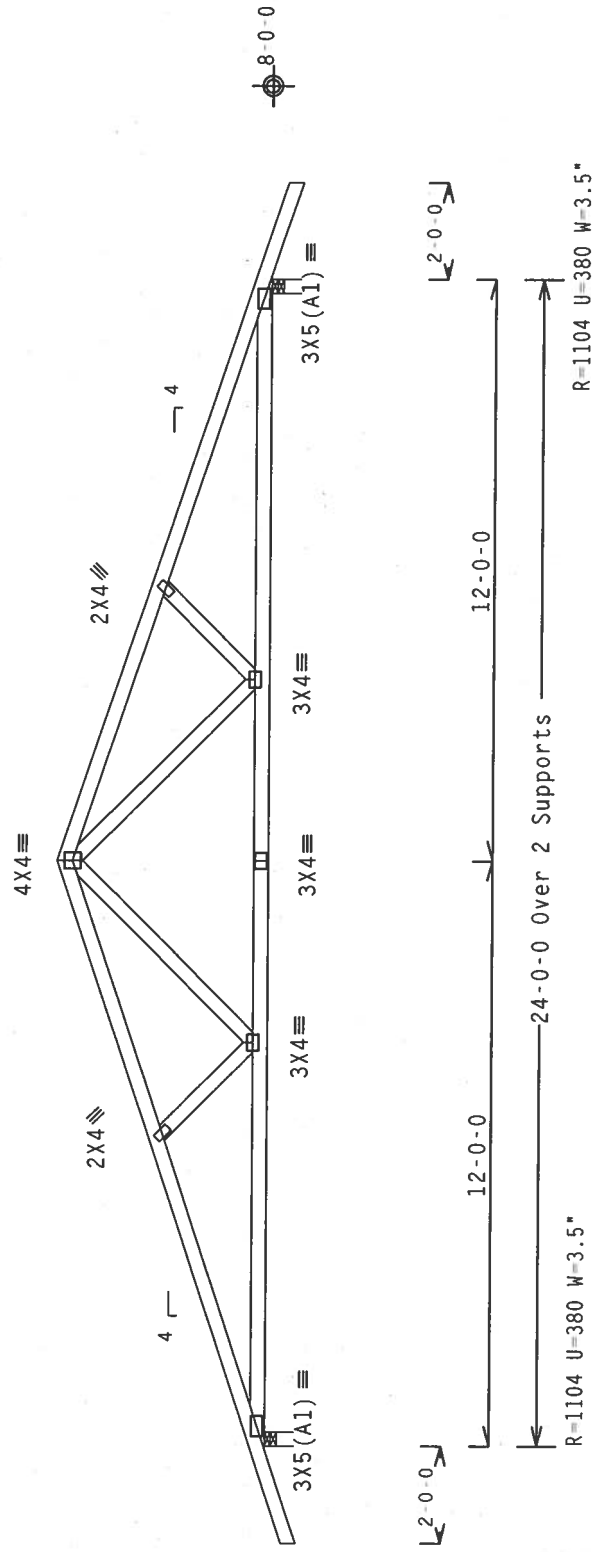
#	Ref	Description	Drawing#	Date
1	33795--A1		06165155	06/14/06
2	33796--A-GE		06165156	06/14/06
3	33797--B1		06165157	06/14/06
4	33798--B-GE		06165158	06/14/06



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

ALPINE
Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-2002(STD)
Cq/RT=1.00(1.25)/10(0) 7.12.0218

QTY: 16 FL/-/5/-/R/-

Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R215 -	33795
TC DL	10.0 PSF	DATE	06/14/06	
BC DL	10.0 PSF	DRW	HCUSR215	06165155
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN-	27335	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF-	1SV2215_Z11	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. A SEAL ON THIS DRAWING INDICATES THE SUSTAINABLE DESIGNER'S RESPONSIBILITY. A SEAL ON THIS DESIGN SHOWN. THE SUSTAINABLE DESIGNER'S RESPONSIBILITY IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 8222
F. COLLINGS JR.

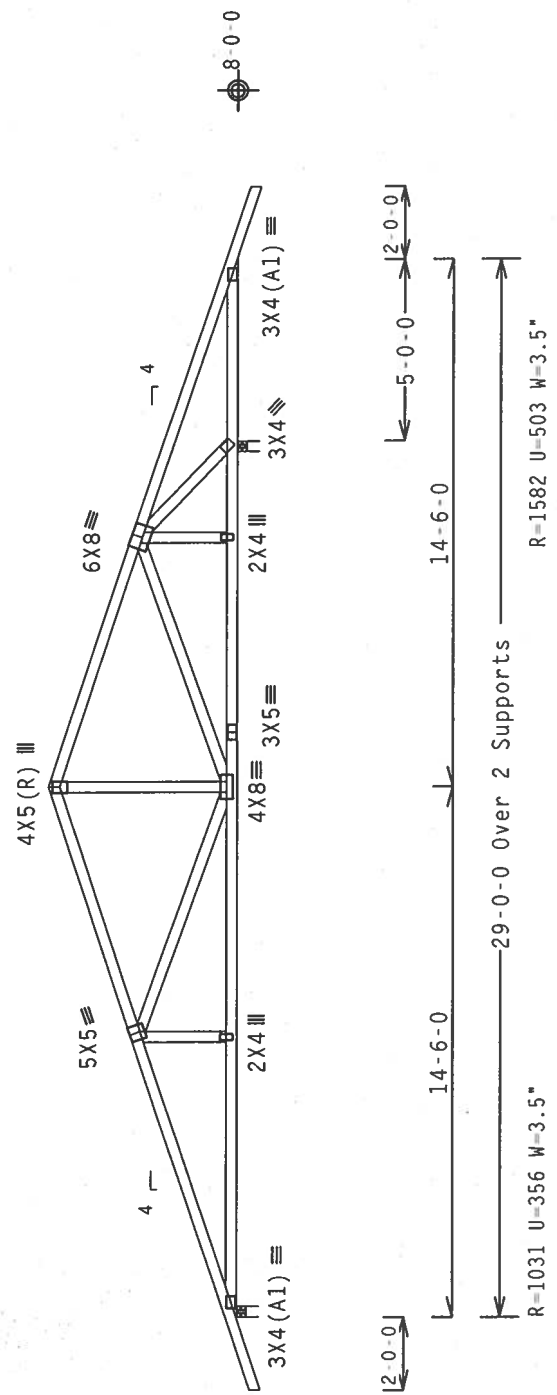
Jun 14 06

(3631-LEWIS RESIDENCE /C&S CONSTRUCTION -- ** - B1)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

Design Crit: TPI-2002(STD)
Cq/RT=1.00(1.25)/10(0)

7.12.0218

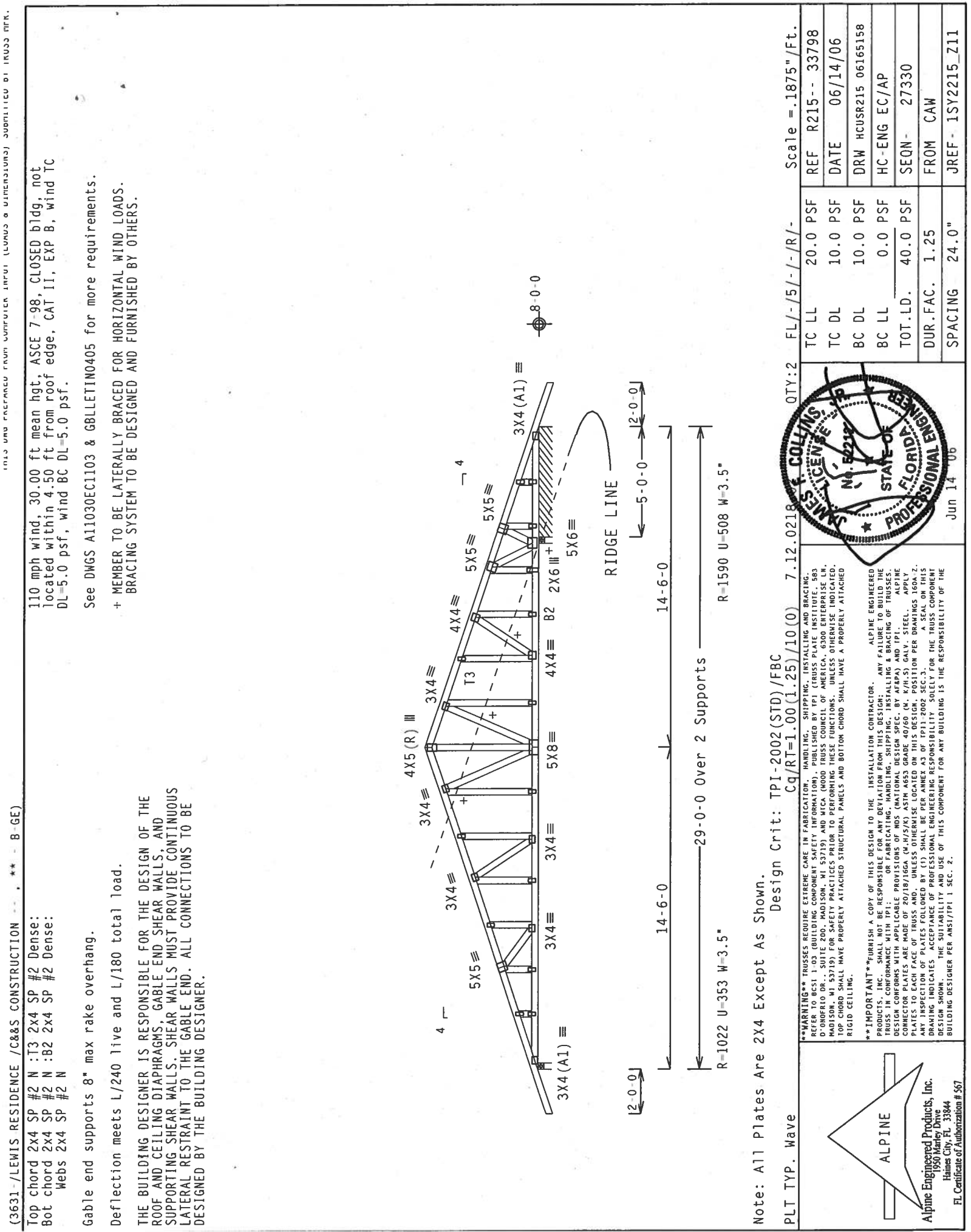
Scale = .1875"/Ft.

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TC DL	10.0 PSF	DATE	06/14/06	
BC DL	10.0 PSF	DRW	HCUSR215	06165157
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN-	27337	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF-	1SY2215_211	

ALPINE
Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MECA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/186A (N-H/S/K) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DESIGNER SHALL PLACE AND MAINTAIN ALL REQUIRED PLATES AND BOLTS PER 11-2006 SEC.3 FOR THE TRUSS OR THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(3631-)/LEWIS RESIDENCE /C&S CONSTRUCTION ** - B-GE)

Top chord 2x4 SP #2 N :T3 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 N :B2 2x4 SP #2 Dense:
Webs 2x4 SP #2 N

Gable end supports 8" max rake overhang.

Deflection meets L/240 live and L/180 total load.

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11030EC1103 & GBLLETIN0405 for more requirements.

+ MEMBER TO BE Laterally BRACED FOR HORIZONTAL WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

Note: All Plates Are 2x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

Scale = .1875"/Ft.

QTY:2 FL/-/5/-/-/R/-

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/5X) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY LATERAL RESTRAINT TO EACH CHORD OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

JAMES S. COLLINS
LICENSED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 52219
Jun 14 '06

TC LL	20.0 PSF	REF	R215--	33798
TC DL	10.0 PSF	DATE	06/14/06	
BC DL	10.0 PSF	DRW	HCUSR215	06165158
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN	27330	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF	1SY2215_Z11	

2x4 GABLE VERTICAL SPACING		BRACE GRADE		NO BRACES		(1) 1x4 "L" BRACE *		(2) 2x4 "L" BRACE *		(1) 2x6 "L" BRACE *		(2) 2x6 "L" BRACE **	
GABLE VERTICAL SPECIES	SPACING	#1 / #2	#3	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
SPF	24" O.C.	3' 8"	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	8' 11"	11' 9"	12' 1"	14' 0"	14' 0"
HF		3' 7"	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"
STANDARD		3' 7"	3' 7"	5' 5"	5' 5"	7' 1"	7' 1"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
STANDARD		4' 0"	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	8' 11"	9' 7"	9' 6"	12' 11"	12' 11"
SP	24" O.C.	3' 11"	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	8' 11"	11' 9"	12' 8"	14' 0"	14' 0"
DFL		3' 9"	3' 9"	5' 7"	5' 6"	7' 4"	7' 4"	8' 11"	8' 11"	11' 5"	11' 5"	14' 0"	14' 0"
STANDARD		3' 8"	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 11"	8' 11"	11' 4"	11' 4"	14' 0"	14' 0"
STANDARD		4' 2"	4' 2"	7' 3"	7' 5"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
SPF	16" O.C.	#1 / #2	#3	6' 8"	6' 8"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
HF		4' 1"	4' 1"	8' 0"	8' 0"	9' 3"	9' 3"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
STANDARD		4' 1"	4' 1"	5' 8"	5' 8"	7' 6"	7' 6"	10' 1"	10' 1"	11' 8"	11' 8"	14' 0"	14' 0"
STANDARD		4' 7"	4' 7"	7' 3"	7' 9"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
SP	16" O.C.	4' 6"	4' 6"	6' 10"	6' 10"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
DFL		4' 4"	4' 4"	6' 9"	6' 9"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
STANDARD		4' 2"	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 3"	11' 11"	11' 11"	14' 0"	14' 0"
STANDARD		4' 7"	4' 7"	8' 0"	8' 2"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
SPF	12" O.C.	#1 / #2	#3	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
HF		4' 6"	4' 6"	6' 7"	6' 7"	8' 8"	8' 8"	11' 3"	11' 3"	13' 6"	13' 6"	14' 0"	14' 0"
STANDARD		5' 1"	5' 1"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
STANDARD		4' 11"	4' 11"	8' 7"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
SP	12" O.C.	4' 9"	4' 9"	7' 11"	7' 11"	9' 5"	9' 5"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
DFL		4' 9"	4' 9"	7' 9"	7' 9"	9' 5"	9' 5"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
STANDARD		4' 7"	4' 7"	6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	13' 10"	14' 0"	14' 0"

MAX GABLE VERTICAL LENGTH

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

#3 STUD	#3 STANDARD
#3 STUD	#3 STANDARD

GROUP B:

HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR #1	#1 #2

SOUTHERN PINE

#1 #2	#1 #2
-------	-------

GABLE TRUSS DETAIL NOTES:

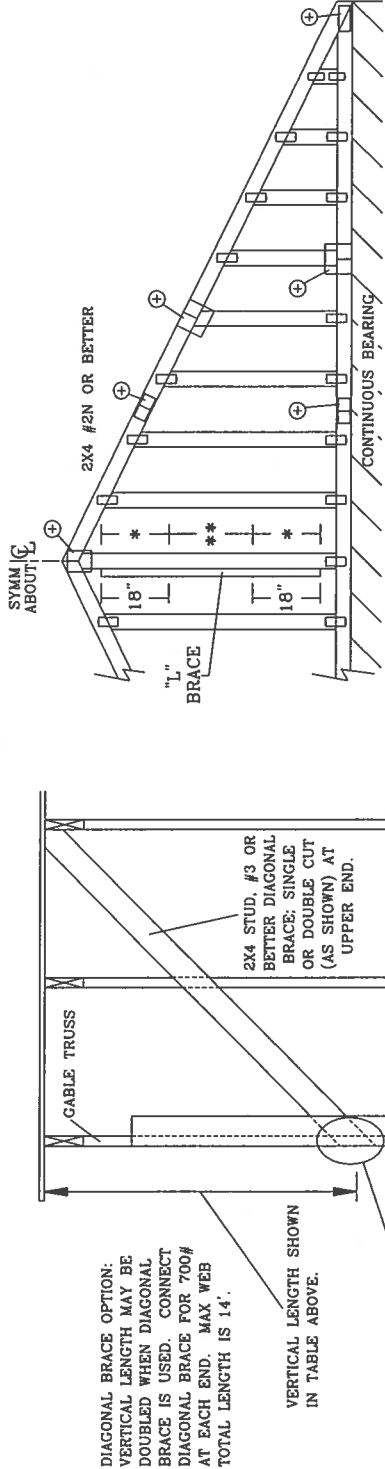
LIVE LOAD DEFLECTION CRITERIA IS L/240.
 PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).
 GABLE END SUPPORTS LOAD FROM 4' 0"
 OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
 * FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
 ** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
 "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

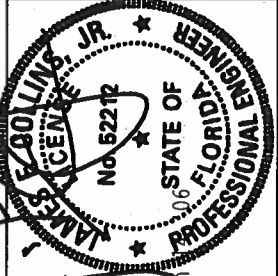
GABLE VERTICAL PLATE SIZES

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

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



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO 608.1-03 BUILDING COMPONENTS, EXCEPT FOR THE BRACING, TO THE 2003 INTERNATIONAL BUILDING CODE, 2003 EDITION, AND 2003 VOLUME 5, PART 1, SECTION 1608.1.1, FOR THE BRACING REQUIREMENTS. THE BRACING REQUIREMENTS SPECIFIED IN THESE FUNCTIONAL REQUIREMENTS ARE BASED ON THE ASSUMPTION THAT THE TRUSS IS TO BE USED AS A ROOF OR WALL BRACE. THE BRACING REQUIREMENTS SPECIFIED IN THESE FUNCTIONAL REQUIREMENTS ARE BASED ON THE ASSUMPTION THAT THE TRUSS IS TO BE USED AS A ROOF OR WALL BRACE. THE BRACING REQUIREMENTS SPECIFIED IN THESE FUNCTIONAL REQUIREMENTS ARE BASED ON THE ASSUMPTION THAT THE TRUSS IS TO BE USED AS A ROOF OR WALL BRACE.

ALPINE
 ALPINE ENGINEERED PRODUCTS, INC.
 POMPANO BEACH, FLORIDA

REF	ASCE7-98-CABI1030
DATE	11/26/03
DRWG	A11030EC1103
-ENG	

MAX. TOT. LD. 60 PSF	MAX. SPACING 24.0"
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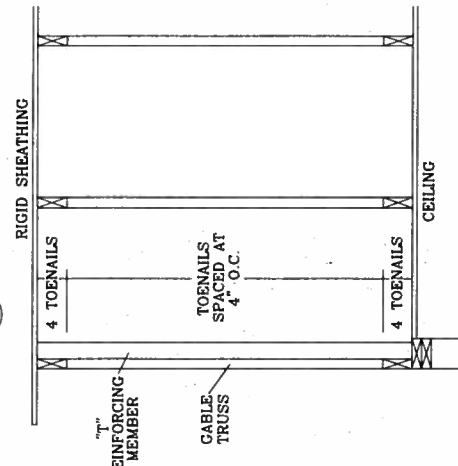
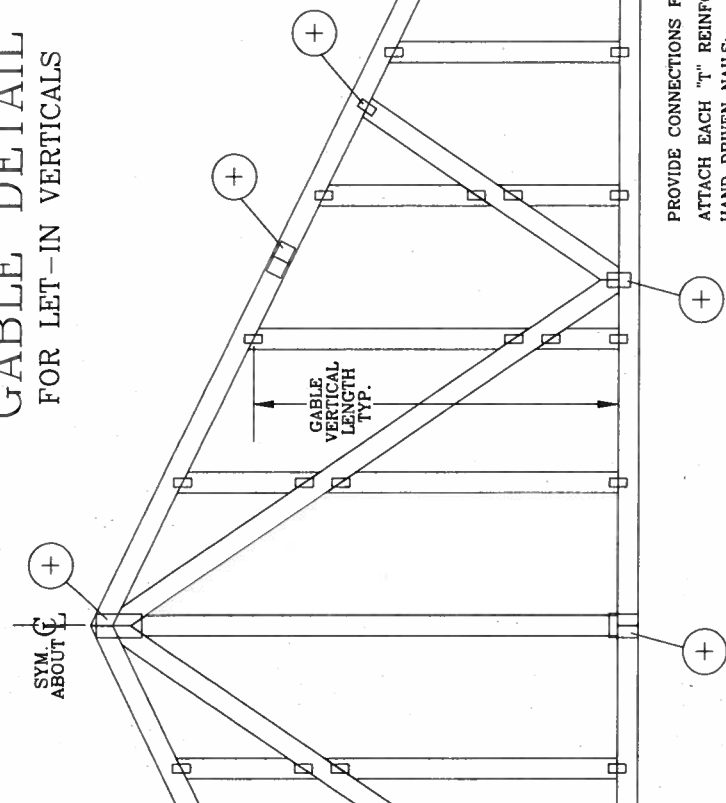
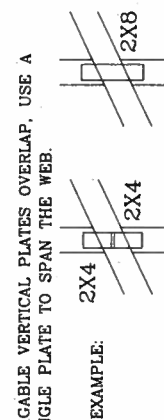
GABLE DETAIL FOR LET-IN VERTICALS

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

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

EXAMPLE: 2X4 2X8 2X8

+ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.
 * IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.
 ATTACH EACH "T" REINFORCING MEMBER WITH
 HAND DRIVEN NAILS:
 10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS
 (4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.
 GUN DRIVEN NAILS:
 8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
 (4) TOENAILS IN TOP AND BOTTOM CHORD.

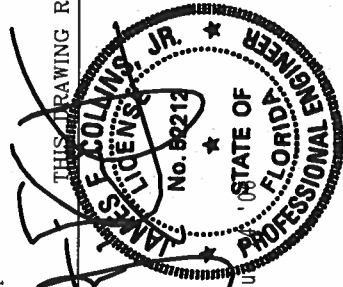
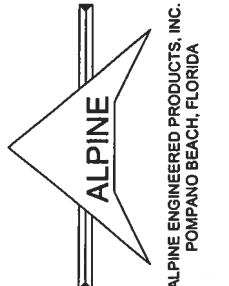
THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

- ASCE 7-93 GABLE DETAIL DRAWINGS
 A10105EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
 A10300EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
 ASCE 7-98 GABLE DETAIL DRAWINGS
 A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
 A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
 ASCE 7-02 GABLE DETAIL DRAWINGS
 A13015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405,
 A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 DUNDRIE DR., SUITE 200, MADISON, VT. 53719) AND UTA (WOOD TRUSS COUNCIL, 1000 ENTERPRISE LANE, MADISON, VT. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. THESE FUNCTIONS SHALL HAVE BEEN PROPERLY ATTACHED TO THE STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/SX) ASTM A653 GRADE 50 (K1) GALVALUME. ALL TRUSS AND CONNECTOR PLATE INSPECTION SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

REF	LET-IN VERT
DATE	04/14/05
DRWG	GBULLETIN0405
-ENG	DLJ/KAR

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

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

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

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

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

Residential System Sizing Calculation

Summary

CnS CONSTRUCTION

LAKE CITY, FL

Project Title:
The JANICE

Code Only
Professional Version
Climate: North

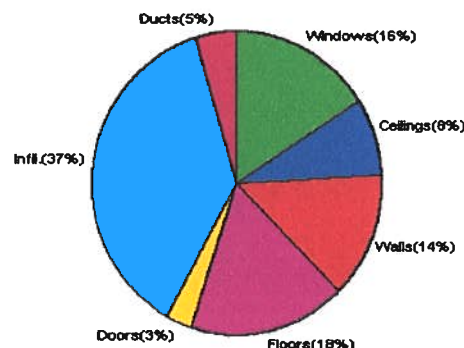
26-Jun-06

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	24213 Btuh	Total cooling load calculation	23487 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	99.1 24000	Sensible (SHR = 0.75)	118.5 18000
Heat Pump + Auxiliary(8.0kW)	211.9 51304	Latent	72.3 6000
		Total (Electric Heat Pump)	102.2 24000

WINTER CALCULATIONS

Winter Heating Load (for 1056 sqft)

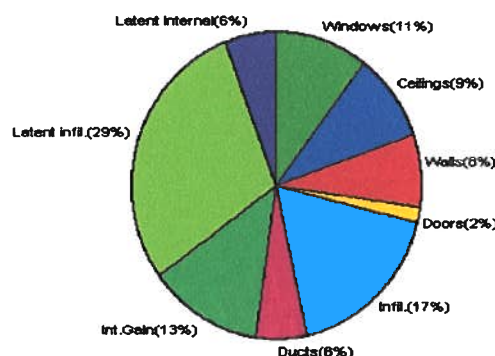
Load component		Load	
Window total	99 sqft	3861	Btuh
Wall total	949 sqft	3322	Btuh
Door total	40 sqft	718	Btuh
Ceiling total	1056 sqft	2006	Btuh
Floor total	136 ft	4298	Btuh
Infiltration	206 cfm	8856	Btuh
Subtotal		23060	Btuh
Duct loss		1153	Btuh
TOTAL HEAT LOSS		24213	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1056 sqft)

Load component		Load	
Window total	99 sqft	2490	Btuh
Wall total	949 sqft	1841	Btuh
Door total	40 sqft	399	Btuh
Ceiling total	1056 sqft	2133	Btuh
Floor total		0	Btuh
Infiltration	199 cfm	3948	Btuh
Internal gain		3000	Btuh
Subtotal(sensible)		13811	Btuh
Duct gain		1381	Btuh
Total sensible gain		15192	Btuh
Latent gain(infiltration)		6914	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		8294	Btuh
TOTAL HEAT GAIN		23487	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *[Signature]*

DATE: 26 JUN 2006

AR7005

System Sizing Calculations - Summer

Residential Load - Component Details

CnS CONSTRUCTION

Project Title:

Code Only

LAKE CITY, FL

The JANICE

Professional Version

Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

26-Jun-06

Window	Type	Overhang	Window Area(sqft)			HTM		Load		
	Panes/SHGC/U/InSh/ExSh Omt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	1, Clear, 1.00, B, N	N	2	4.83	40.0	0.0	40.0	20	20	800 Btuh
2	1, Clear, 1.00, B, N	N	7	4.83	20.0	0.0	20.0	20	20	400 Btuh
3	1, Clear, 1.00, B, N	S	2	4.83	15.0	15.0	0.0	20	30	300 Btuh
4	1, Clear, 1.00, B, N	S	2	2.83	9.0	9.0	0.0	20	30	180 Btuh
5	1, Clear, 1.00, B, N	W	2	9.17	15.0	0.0	15.0	20	54	810 Btuh
Window Total						99			2490 Btuh	
Walls 1	Type	R-Value			Area		HTM		Load	
	Frame - Exterior	11.0			949.0		1.9		1841 Btuh	
	Wall Total			949.0				1841 Btuh		
Doors 1	Type				Area		HTM		Load	
	Wood - Exter				40.0		10.0		399 Btuh	
	Door Total			40.0				399 Btuh		
Ceilings 1	Type/Color	R-Value			Area		HTM		Load	
	Under Attic/Dark	22.0			1056.0		2.0		2133 Btuh	
	Ceiling Total			1056.0				2133 Btuh		
Floors 1	Type	R-Value			Size		HTM		Load	
	Slab-On-Grade Edge Insulation	0.0			136.0 ft(p)		0.0		0 Btuh	
	Floor Total			136.0				0 Btuh		
Infiltration	Type	ACH			Volume		CFM=		Load	
	Natural	0.35			8448		49.4		978 Btuh	
	Mechanical						150		2970 Btuh	
	Infiltration Total					199		3948 Btuh		

Internal gain	Occupants		Btuh/occupant		Appliance	Load
	6		X 300 +			
					1200	3000 Btuh

Totals for Cooling	Subtotal	13811 Btuh
	Duct gain(using duct multiplier of 0.10)	1381 Btuh
	Total sensible gain	15192 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	6914 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
TOTAL GAIN		23487 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (U - Window U-Factor or 'DEF' for default)
 (InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
 (ExSh - Exterior shading device: none(N) or numerical value)
 (Omt - compass orientation)

System Sizing Calculations - Winter

Residential Load - Component Details

CnS CONSTRUCTION

Project Title:

Code Only

LAKE CITY, FL

The JANICE

Professional Version

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

26-Jun-06

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	1, Clear, Metal, 1.00	N	40.0	39.0	1560 Btuh
2	1, Clear, Metal, 1.00	N	20.0	39.0	780 Btuh
3	1, Clear, Metal, 1.00	S	15.0	39.0	585 Btuh
4	1, Clear, Metal, 1.00	S	9.0	39.0	351 Btuh
5	1, Clear, Metal, 1.00	W	15.0	39.0	585 Btuh
Window Total			99		3861 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	11.0	949	3.5	3322 Btuh
Wall Total			949		3322 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		40	17.9	718 Btuh
Door Total			40		718Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	22.0	1056	1.9	2006 Btuh
Ceiling Total			1056		2006Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	136.0 ft(p)	31.6	4298 Btuh
Floor Total			136		4298 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	8448(sqft)	56	2421 Btuh
	Mechanical			150	6435 Btuh
Infiltration Total				206	8856 Btuh

Totals for Heating	Subtotal	23060 Btuh
	Duct Loss(using duct multiplier of 0.05)	1153 Btuh
	Total Btuh Loss	24213 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

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

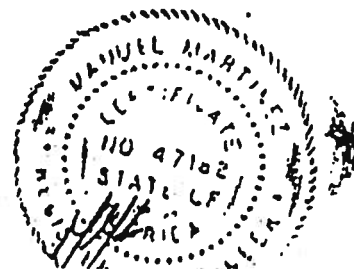
MI Home Products appreciates your recent purchase of a maintenance free prime window, which will not rust, rot, mildew, or warp. This is a quality product that left our factory in good condition - proper handling and installation are just as important as good design and workmanship. Please follow these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

1. Handle units one at a time in the closed and locked position and take care not to scratch frame or glass or to bend the nailing fin.
2. Set unit plumb and square into opening and make sure that there is $3/16" \pm 1/16"$ clearance around the frame. Fasten unit into opening in the closed and locked position, making sure that fasteners are screwed in straight in order to avoid twisting or bowing of the frame. Make sure that sill is straight and level. Check operation of unit before any and all fasteners are set.
3. Use # 8 sheet metal or wood screws with a minimum of 1" penetration into the framing (stud). Place first screws (two at each corner) 3" from end of fin. For positive and negative DP's (design pressures) up to 35, do not exceed 24" spacing of additional screws. For DP's from 35.1 to 50, do not exceed 18". Install load bearing shim adjacent to each anchor. Use shim where space exceeds $1/16"$.
4. Flash over head and caulk outside perimeter in accordance with code requirements and good installation practices.
5. Fill voids between frame and construction with loose batten type insulation or non-expanding aerosol foam specifically formulated for windows and doors to eliminate drafts. The use of expanding aerosol type insulating foam, which can bow the frame, waives all stated warranties.
6. Remove plaster, mortar, paint and any other debris that may have collected on the unit and make sure that sash/vent tracks and interlocks are also clear. Do not use abrasives, solvents, ammonia, vinegar, alkaline, or acid solutions for clean-up, especially with insulated glass units as their use could cause chemical breakdown of the glass seal. Take care not to scratch glass; scratches severely weaken glass and it could eventually break from thermal expansion and contraction. Clean units with water and mild detergent as you would your automobile.

- CAUTION -

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

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



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 ITS' WIDTH, HEIGHT, AND ASPECT RATIO.

WIND ZONE: 110 MPH
DESIGN PRESSURE (DP): + 21.8 / - 29.1

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.

MIP-467

sample label"

**ARCHITECTURAL
TESTING, INC.**

130 Derry Court • York, PA 17402-9405
web www.testatl.com • Facsimile 717-764-4129 • Telephone 717-764-7700

STRUCTURAL TEST REPORT SUMMARY

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650

TYPE: Twin Aluminum Single Hung Window

Title of Test	Results
Overall Design Pressure	35.0 psf
Operating Force	18 lb max.
Air Infiltration	0.29 cfm/ft ²
Water Resistance	5.25 psf
Structural Test Pressure	70.5 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-36060.01 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.


Scott D. Kramer, Technician

SDK:nlb

**ARCHITECTURAL
TESTING, INC.**130 Derry Court • York, PA 17402-8408
web www.testint.com • Fax 717-764-4129 • Telephone 717-764-7700

OK FOR 120

5-10 x 5-0 TWIN
(QUALIFIES 30 x 5-0)**STRUCTURAL TEST REPORT SUMMARY**

Rendered to:


MI HOME PRODUCTS, INC.**SERIES/MODEL: 650****TYPE: Twin Aluminum Single Hung Window****CONTINUOUS HEAD & SILL**

Title of Test	Results
Overall Design Pressure	35.0 psf
Operating Force	18 lb max
Air Infiltration	0.20 cfm/ft ²
Water Resistance	5.25 psf
Structural Test Pressure	70.5 psf
De-glazing	Passed
Forced Entry Resistance	Grade 10

= DP 47

Reference should be made to Report No. 01-36060.01 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.


Scott D. Kramer, Technician

SDK:alb

Laboratories in Pennsylvania, Minnesota & California



130 Derry Court • York, PA 17402-8405
web www.testati.com • Facsimile 717-764-4129 • Telephone 717-764-7700

STRUCTURAL TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-36060.01

Test Date: 11/04/99

Report Date: 11/29/99

Expiration Date: 11/04/03

Project Summary: Architectural Testing, Inc. (ATI) was contracted to perform tests on a Series/Model 650, twin aluminum single hung window at MI Home Products' test facility in Elizabethville, Pennsylvania. Test specimen description and results are reported herein.

Test Specification: The test specimen was evaluated in accordance with the following:

ASTM E 283-91, Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen

ASTM E 330-97, Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference

ASTM E 547-96, Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Static Air Pressure Differential

Test Specimen Description:

Series/Model: 650

Type: Twin Aluminum Single Hung Window

Overall Size: 5' 10-1/4" wide by 5' 0" high

Active Size (2): 2' 8-3/4" wide by 2' 6-1/4" high

Fixed Daylight Opening Size (2): 2' 6- 1/4" wide by 2' 3" high

Screen Size (2): 2' 7-3/4" wide by 2' 4-1/4" high

Test Specimen Description: (Continued)

Finish: All aluminum was painted white.

Glazing Details: Both the active sash and fixed lites utilized 5/8" thick insulating glass fabricated from two sheets of 3/32" thick clear annealed glass and a desiccant filled metal spacer system. The active sash were channel glazed with a flexible wedge gasket. The fixed lites were interior glazed, back bedded with single sided adhesive foam tape and held-in-place with PVC snap-in glazing beads.

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.270" backed by 0.190" high polypile with center fin	1 Row	Fixed meeting stile
3/8" high vinyl wrapped foam bulb	1 Row	Bottom rail
0.187" backed by 0.250" high polypile with center fin	2 Rows	Stiles
1/4" high polypile dust plug	2 Rows	Ends of bottom rail, top of each stile

Frame Construction: Frame was constructed of extruded aluminum members and all corners were coped, butted, sealed, and fastened with two screws per corner. The fixed meeting rail was attached to the jambs with a plastic-clip and two screws per end.

Mullion Construction: The mullion was constructed of an extruded aluminum member. It was fastened to the head and sill with four screws per end. All screw heads were sealed as well as the butt joint at the sill.

Sash Construction: The sash were constructed of extruded aluminum members and all corners were coped, butted, and fastened with one screw per corner.

Screen Construction: The screen was constructed of rolled aluminum members and the corners were keyed. The screen mesh was held-in-place with a flexible spline.

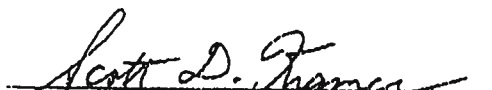
Test Results:


The results are tabulated as follows:

<u>Title of Test - Test Method</u>	<u>Results</u>
Air Infiltration per ASTM E 283	
@ 0.56 psf (15 mph)	0.15 cfm/ft ²
@ 1.57 psf (25 mph)	0.29 cfm/ft ²
Water Resistance per ASTM E 547 (with and without screen)	
WTP = 5.25 psf	No leakage
Uniform Load Structural (Measurements reported were taken on the meeting rail) (load held for 33 seconds)	
@ 47.0 psf (exterior)	0.010"
@ 47.0 psf (interior)	0.015"
Uniform Load Structural (Measurements reported were taken on the meeting rail) (load held for 10 seconds)	
@ 70.5 psf (exterior)	0.060"
@ 70.5 psf (interior)	0.040"

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:


Scott D. Kramer
Technician


Bruce W. Croak
Project Manager

Test Specimen Description: (Continued)**Hardware:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Plastic tilt latches	4	Ends of interior meeting rail
Metal pivot bars	4	Ends of the bottom rails
Metal sweep lock	2	Midspan of interior meeting rail
Metal keeper	2	Midspan of fixed meeting rail
Sash stops	4	One per jamb
Block and tackle balance system	4	One per jamb
Spring loaded latch pins	2	6" from ends of screen top rail

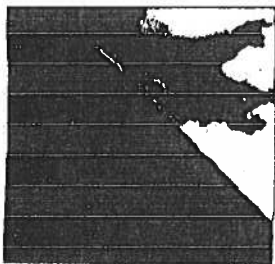
Drainage:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Sloped sill	1	Sill
1/4" wide by 3/16" high weepslot	4	Ends of exterior vertical sill leg

Installation: The test unit was installed into the 2" x 8" nominal Spruce-Pine-Fir #2 wood test buck utilizing the integral nailing fin and 1" roofing nails. Five per top, bottom, and sides of the nail fin were evenly spaced. The nail fin was bedded in a silicone sealant.



ELK



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size	13 1/2" x 39 1/2"	50-year limited warranty period:
Exposure	6 1/2"	non-prorated coverage for
Pieces/Bundle	16	shingles and application labor for
Bundles/Square	4/98.6 sq. ft.	the initial 5 years, plus an option
Squares/Pallet	11	for transferability*; prorated
		coverage for application labor and
		shingles for balance of limited
		warranty period; 5-year limited
		wind warranty*.

Raised Profile

Product size	13 1/2" x 38 1/2"	30-year limited warranty period:
Exposure	6 1/2"	non-prorated coverage for
Pieces/Bundle	22	shingles and application labor for
Bundles/Square	3/100 sq. ft.	the initial 5 years, plus an option
Squares/Pallet	16	for transferability*; prorated
		coverage for application labor and
		shingles for balance of limited
		warranty period; 5-year limited
		wind warranty*.

Prestique I *High Definition*

Product size	13 1/2" x 39 1/2"	40-year limited warranty period:
Exposure	5 1/2"	non-prorated coverage for
Pieces/Bundle	16	shingles and application labor for
Bundles/Square	4/98.6 sq. ft.	the initial 5 years, plus an option
Squares/Pallet	14	for transferability*; prorated
		coverage for application labor and
		shingles for balance of limited
		warranty period; 5-year limited
		wind warranty*.

HIP AND RIDGE SHINGLES

Seal-A-Ridge™ w/FLX™

Size:	12" x 12"
Exposure:	8 1/2"
Pieces/Bundle:	45
Coverage:	4 Bundles = 100 linear feet

Prestique *High Definition*

Product size	13 1/2" x 38 1/2"	30-year limited warranty period:
Exposure	6 1/2"	non-prorated coverage for
Pieces/Bundle	22	shingles and application labor for
Bundles/Square	3/100 sq. ft.	the initial 5 years, plus an option
Squares/Pallet	16	for transferability*; prorated
		coverage for application labor and
		shingles for balance of limited
		warranty period; 5-year limited
		wind warranty*.

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors: Antique Slate, Weatheredwood, Shakeswood, Sablewood, Hickory, Barkwood™, Forest Green, Wedgewood™, Birchwood™, Sandalwood, Gallery Collection: Balsam Forest™, Weathered Sage™, Sienna Sunset™.

All Prestique, Raised Profile and Seal-A-Ridge roofing products contain Elk WindGuard® sealant. WindGuard activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not available in Sablewood.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

*See actual limited warranty for conditions and limitations.

**Check for product availability.

SPECIFICATIONS

Scope: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

MATERIALS: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater; apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For low slopes (4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and hold-down power for application.

warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed.

PREPARATION OF ROOF DECK: Roof deck to be dry, well-seasoned 1" x 8" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

...length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All

...followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

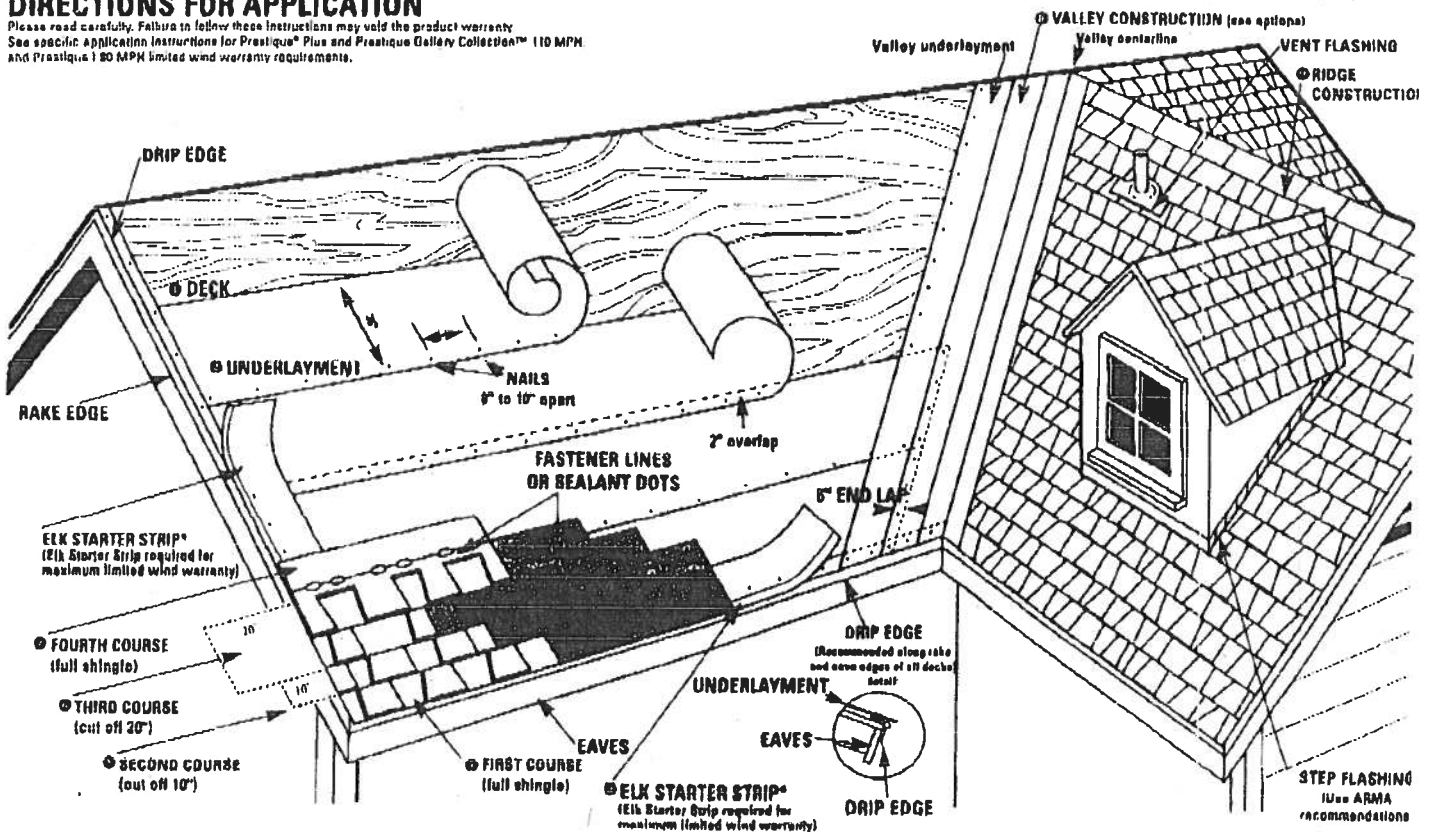
ELK 

www.elkcorp.com

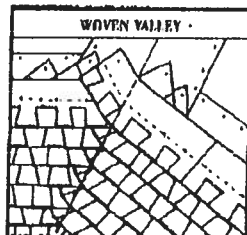
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DIRECTIONS FOR APPLICATION

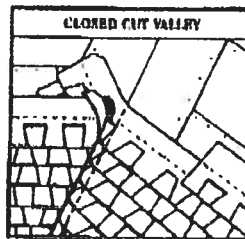
Please read carefully. Failure to follow these instructions may void the product warranty. See specific application instructions for Prestique® Plus and Prestique Gallery Collection™ 110 MPH and Prestique 180 MPH limited wind warranty requirements.



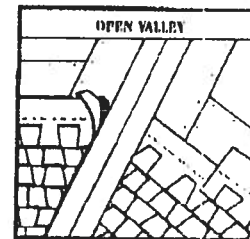
• **VALLEY CONSTRUCTION OPTION** (California Open and California Closed are also acceptable) NOTE: For complete ARMA valley installation details, see ARMA Residential Asphalt Roofing Manual



VALLEY CENTER LINE



VALLEY CENTER LINE



VALLEY CENTER LINE

DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

1 DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/18" chipboard.

2 UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 18". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and

3 FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof.

4 VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying 18" metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

5 RIDGE CONSTRUCTION

For ridge construction use Class "A" Seal-A-Ridge® with formula FLX™ (See ridge package for installation instructions.)

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Always nail or staple through the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots.

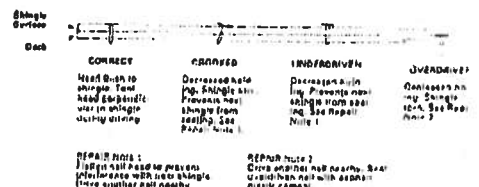
NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for roof-overs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.



HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along - and through - the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new roofs.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Field Service Department for application specifications over other decks and other slopes.

① STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR A STRIP SHINGLE INVENTED WITH THE HEADLAP APPLIED AT THE EAVE EDGE. With at least 4" trimmed from the end of the first shingle, start at the rake edge overhanging the eave 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

② FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof.

③ SECOND COURSE

Start at the rake with the shingle having 10" trimmed off and continue across roof with full shingles.

④ THIRD COURSE

Start at the rake with the shingle having 20" trimmed off and continue across roof with full shingles.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less.

MANSARD APPLICATIONS

Correct fastening is critical to the performance of the roof. For slopes exceeding 60° for 21/12 use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 5 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 8 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

CAUTION TO WHOLESALER:

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

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All trademarks, ®, are registered trademarks of Elk Corporation of Dallas, an LLCOR company. Raised Profile, Ridgecrest, Gallery Collection and ELK are trademarks pending registration of Elk Corporation of Dallas. UL is a registered trademark of Underwriters Laboratories, Inc.

ELK

www.elkcorp.com

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INCLUDE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 SECTION 1606 OF THE FLORIDA BUILDING CODE 2001 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 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: U.S. HIGHWAY 41 FROM COLUMBIA COUNTY'S NORTHERN BOUNDARY TO THE INTERSECTION OF MYRTIS ROAD, FOLLOW MYRTIS EAST TO THE INTERSECTION OF C.R. 245, FOLLOW C.R. 245 SOUTH TO THE SOUTHERN BOUNDARY OF COLUMBIA COUNTY.

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

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

Applicant Plans Examiner

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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

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Designer's name and signature on document (FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed

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Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building setbacks
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.

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- d) Provide a full legal description of property

Wind-load Engineering Summary, calculations and any details required

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC

- a. Basic wind speed (MPH)
- b. Wind importance factor (I) and building category
- c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- d. The applicable internal pressure coefficient
- e. Components and Cladding. The design wind pressure in terms of psf (kN/m^2), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

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Elevations including:

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

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

Floor Plan including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and Doors(including garage doors) showing size, mfg, approval listing and attachmenspecs.(FBC1707)and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance(vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- a) Location of all load bearing walls with required footings indicated as standard or monolithic and their 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 104.2.1 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 104.2.1 Roofing system, 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 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Show type of termite treatment (termicide or alternative method)
10. Slab on grade
 - a. Vapor retarder (6 mil. polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or

welded wire 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 connectors with uplift rating and required number and size of 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 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- 8. Fire resistant construction (if required)
- 9. Fireproofing requirements
- 10. Show type of termite treatment (termiteicide or alternative method)
- 11. Slab on grade
 - a. Vapor retarder (6 mil 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 Fl. Reg. Prof. Engineer or Architect)

Floor Framing System

- a) Floor truss package including layout and details signed and sealed by Fl. Reg. P.E.
- 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

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathrooms

- ☐
- ☐

✓
MA

Energy Calculations (dimensions shall match plans)

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

Disclosure Statement for Owner Builders

Notice of Commencement

OK **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:

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

OK **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. Enviromental Health Permit or Sewer Tap Approval: A copy of the Enviromental Health permit, existing septic approval or sewer tap approval is required. (386) 758-1058

MA **4. City Approval:** If the project is 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.

Flood Zone X **5. Flood Information:** All,projects within the Floodway of the Suwanne or Santa Fe Rivers shall requie 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 that is located within a flood zone where the base flood elevation (100 year flood) has not been established 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 (\$10.00).

6. Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit must be made (\$5.00). If applicant feels that a culvert is not needed then they may apply for a culvert waiver (\$25.00). The waiver is either approved or denied by the Columbia County Public Works Department.

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

Notice of Treatment

12114

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

Address: BAYVIEW

City: Lake City Phone: 7521703

Site Location: Subdivision Oak Haven

Lot # 13 Block# 24693 Permit # 24693

Address 298 NW Acorn Dr

Product used	Active Ingredient	% Concentration
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<input type="checkbox"/> Premise	Imidacloprid	0.1%
----------------------------------	--------------	------

<input type="checkbox"/> Termidor	Fipronil	0.12%
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<input checked="" type="checkbox"/> Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
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Type treatment:

☐ Soil

☒ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Dwelling</u>	<u>1136</u>	<u>408</u>	<u>4</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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 _____.

<u>8/15/06</u>	<u>1430</u>	<u>F254 Gunny</u>
Date	Time	Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



COLUMBIA AVENUE 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 16-3S-16-02160-013

Building permit No. 000024693

Use Classification SFD/UTILITY

Fire: 5.92

Permit Holder JAMES R. COX

Waste: 12.25

Owner of Building MICHAEL J. LEWIS

Total: 18.17

Location: 298 NW ACORN DRIVE(OAKDALE, LOT 13)

Date: 09/18/2006



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 6-19-06

Lot 13 Oakdale S/D

(Address of Treatment or Lot/Block of Treatment)

Lake City, FL 32025

City

Florida Pest Control & Chemical Co.

www.flapest.com

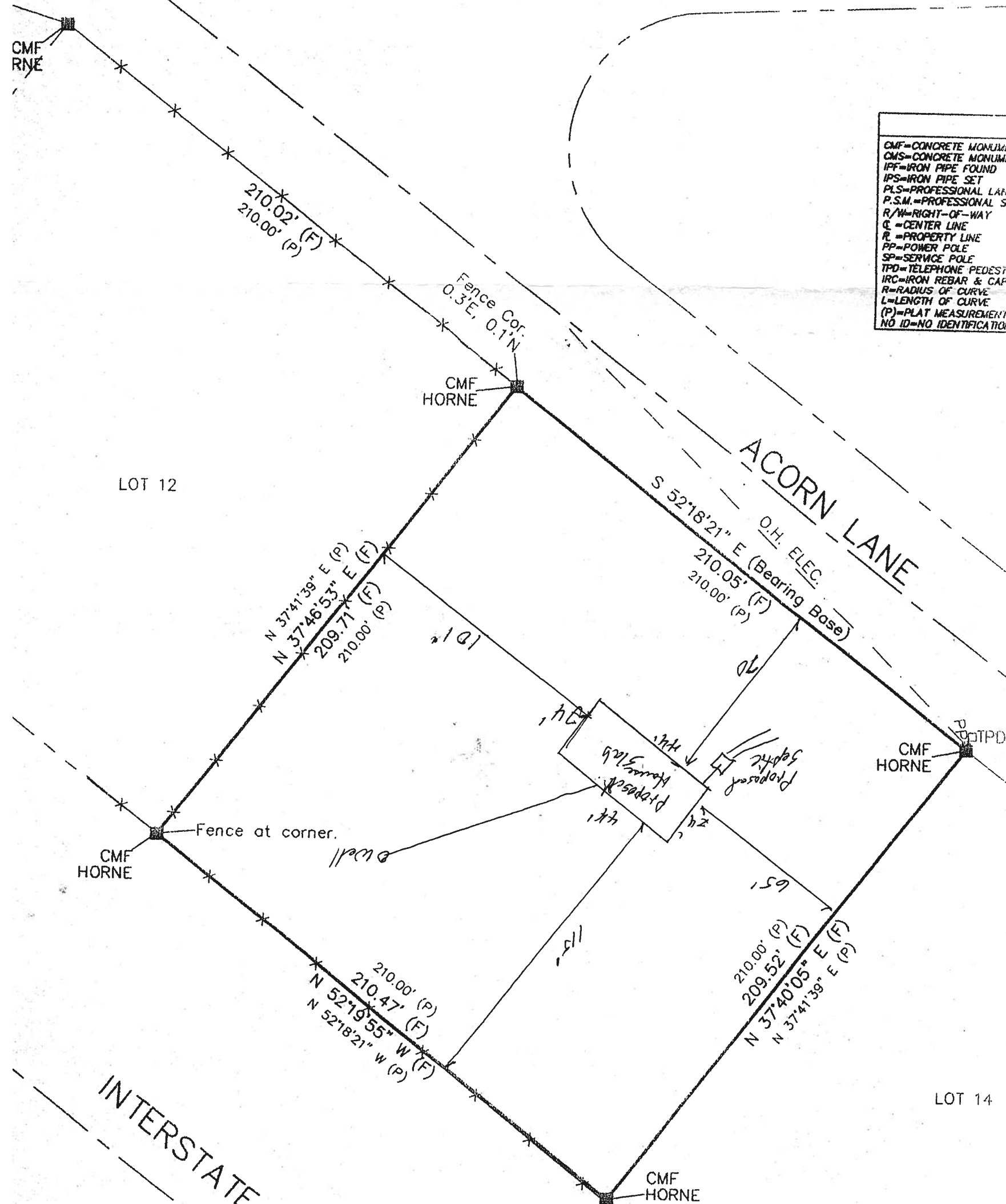
Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete foundation installation.)

LEGEND	
CMF=CONCRETE MONUMENT FOUND	OH ELEC=OVERHEAD ELECTRICAL
CMS=CONCRETE MONUMENT SET	OH TEL=OVERHEAD TELEPHONE
IPF=IRON PIPE FOUND	SEC.=SECTION
IPS=IRON PIPE SET	RGE.=RANGE
PLS=PROFESSIONAL LAND SURVEYOR	TWP.=TOWNSHIP
P.S.M.=PROFESSIONAL SURVEYOR & MAPPER	COR.=CORNER
R/W=RIGHT-OF-WAY	NE=NORTHEAST
C=CENTER LINE	NW=NORTHWEST
R=PROPERTY LINE	SW=SOUTHWEST
PP=POWER POLE	SE=SOUTHEAST
SP=SERVICE POLE	LB=LICENSED
TPD=TELEPHONE PEDESTAL	P.O.B.=POINT OF BEGINNING
IRC=IRON REBAR & CAP	Δ=DELTA AREA
R=RADIUS OF CURVE	T=TANGENT
L=LENGTH OF CURVE	(F)=FIELD MEASUREMENT
(P)=PLAT MEASUREMENTS	(D)=DEED MEASUREMENT
NO ID=NO IDENTIFICATION	FD.=FOUND





LAKE CITY INDUSTRIES

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1601
MIAMI, FLORIDA 33130-1562
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 375-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Premdor Entry Systems
911 E. Jefferson, P.O. Box 76
Pittsburgh, KS 66762

Your application for Notice of Acceptance (NOA) of:

Entergy 6-8 S-W/E Inswing Opaque Single w/sidelites Residential Insulated Steel Door
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0314.18
EXPIRES: 04/02/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 06/05/2001

Premdor Entry Systems

ACCEPTANCE No. 01-0314.18

APPROVED : JUN 05 2001

EXPIRES : April 02, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This renews the Notice of Acceptance No. 00-0321.20 which was issued on April 28, 2000. It approves a residential insulated door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The Series Entergy 6-8 S-W/E Inswing Opaque Single Residential Insulated Steel Door with Sidelites- Impact Resistant Door Slab Only and its components shall be constructed in strict compliance with the following documents: Drawing No 31-1020-EW-I, Sheets 1 through 6 of 6, titled "Premdor (Entergy Brand) Wood Edge Single Door in Wood Frames with a Bumper Threshold (Inswing)," prepared by manufacturer, dated 7/29/97 with revision C dated 01/15/01, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications of single door only, as shown in approved drawings.
- 3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.

4. INSTALLATION

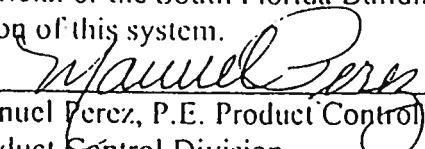
- 4.1 The residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters):
- 4.2.1 Door: the installation of this unit will not require a hurricane protection system.
- 4.2.2 Sidelite: the installation of this unit will require a hurricane protection system.

5. LABELING

- 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

ACCEPTANCE No. 01-0314.18

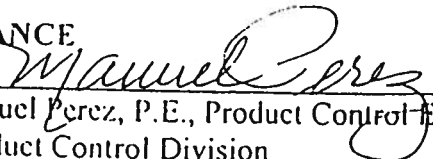
APPROVED : JUN 05 2001

EXPIRES : April 02, 2006

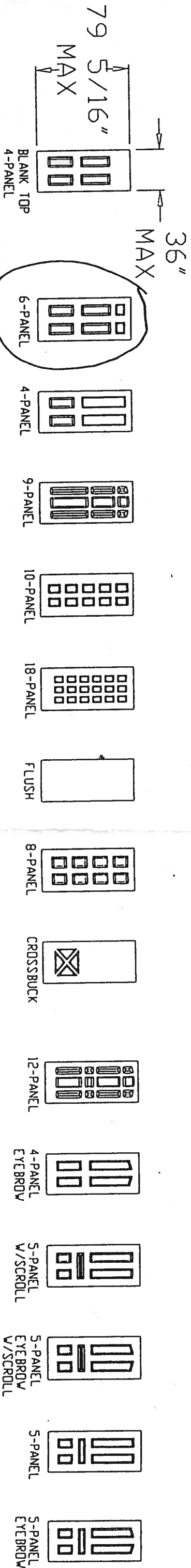
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

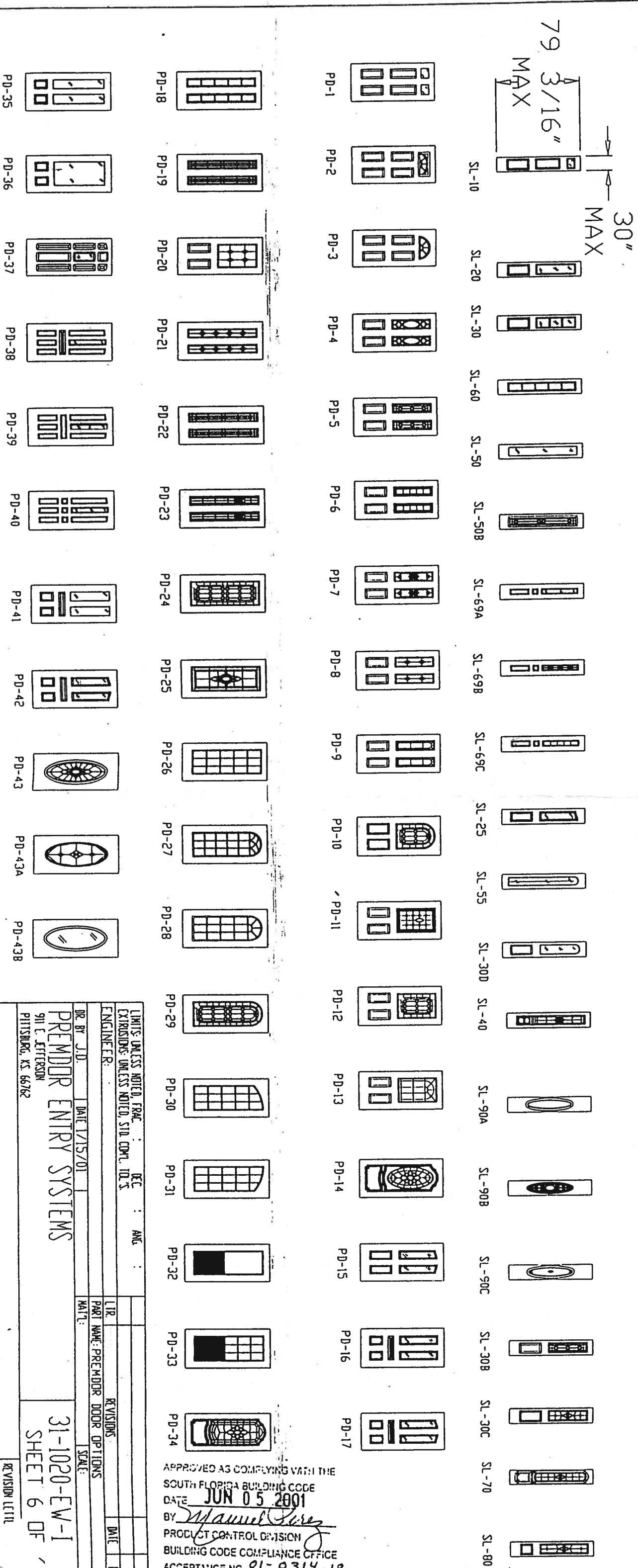
END OF THIS ACCEPTANCE


Manuel Perez, P.E., Product Control Examiner
Product Control Division

OTHER DOOR PANEL STYLES



OTHER SIDELITE STYLES



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE JUN 05 2001
 BY *Manuel Perez*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0314.18

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :
 EXTENSIONS: UNLESS NOTED, STD. COM. 10.5.

ENGINEER: _____

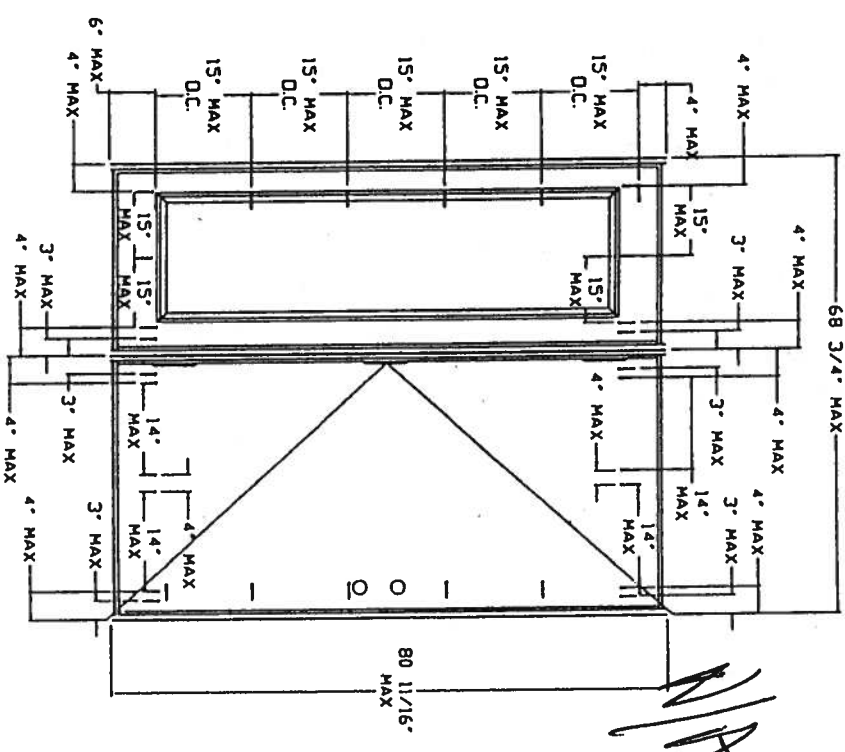
DR. BY J.D. DATE 1/15/01

PREMOR ENTRY SYSTEMS

911 C. JEFFERSON
 PITTSBURG, KS 66762

31-1020-EW-1
 SHEET 6 OF 6
 REVISION 1/1/11

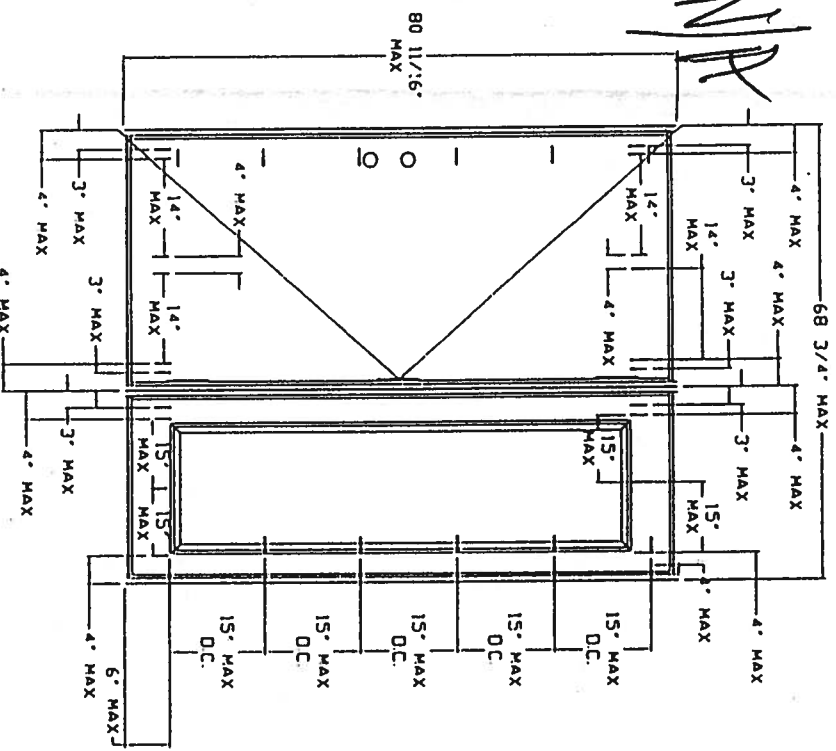
OTHER DOOR CONFIGURATIONS



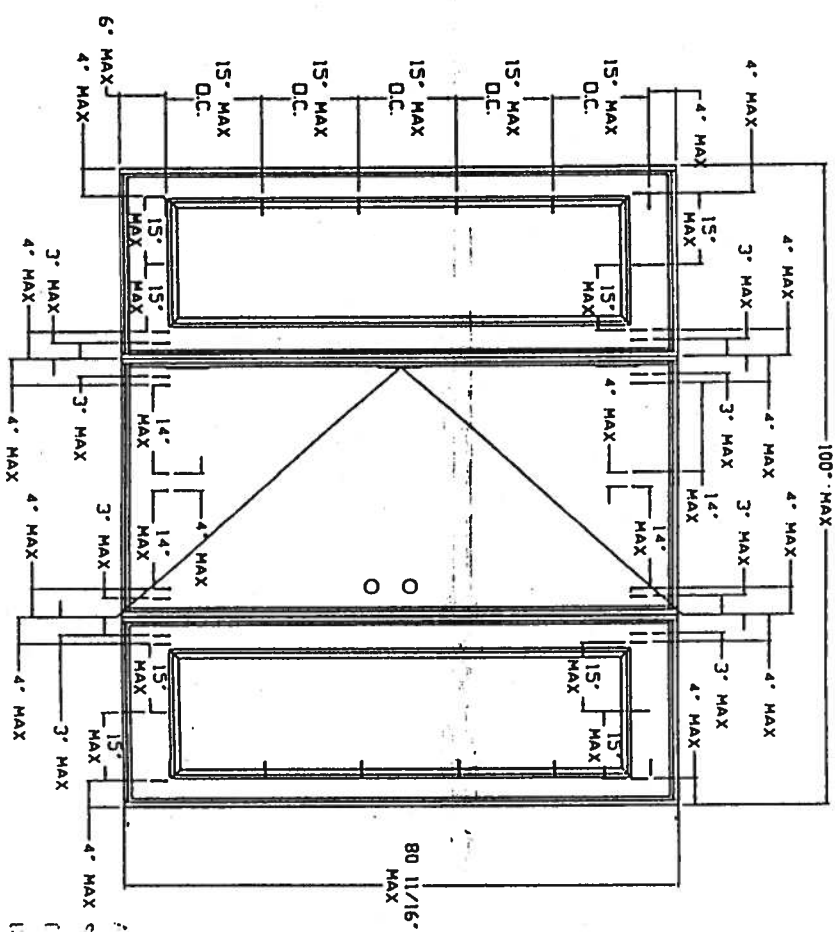
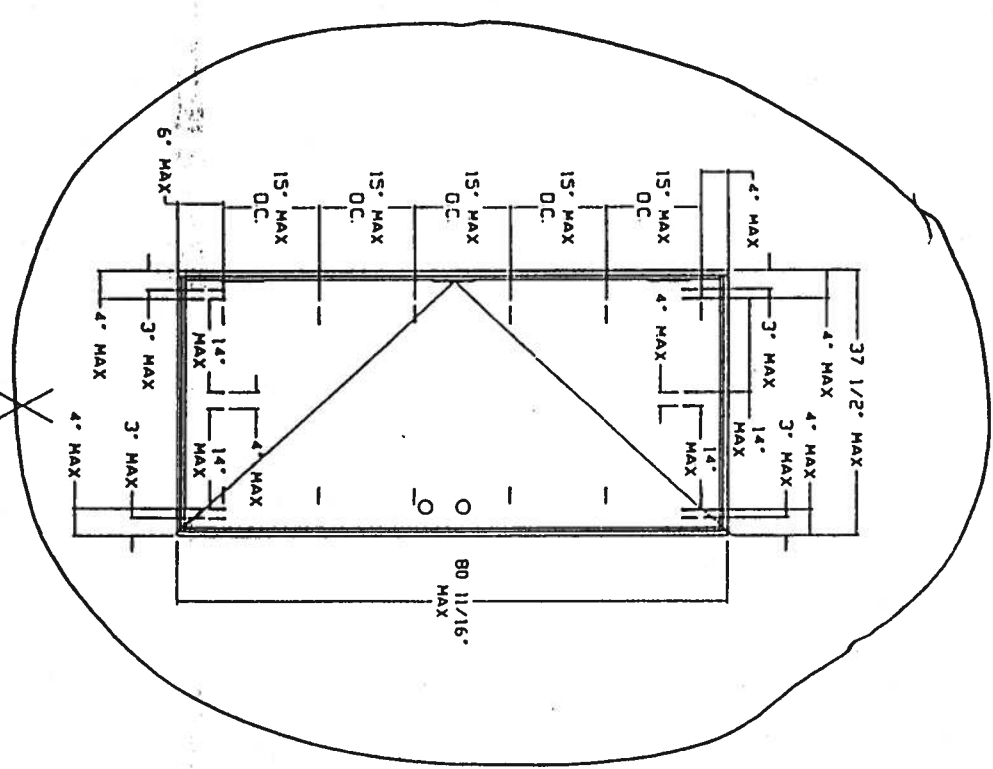
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N/A



N/A



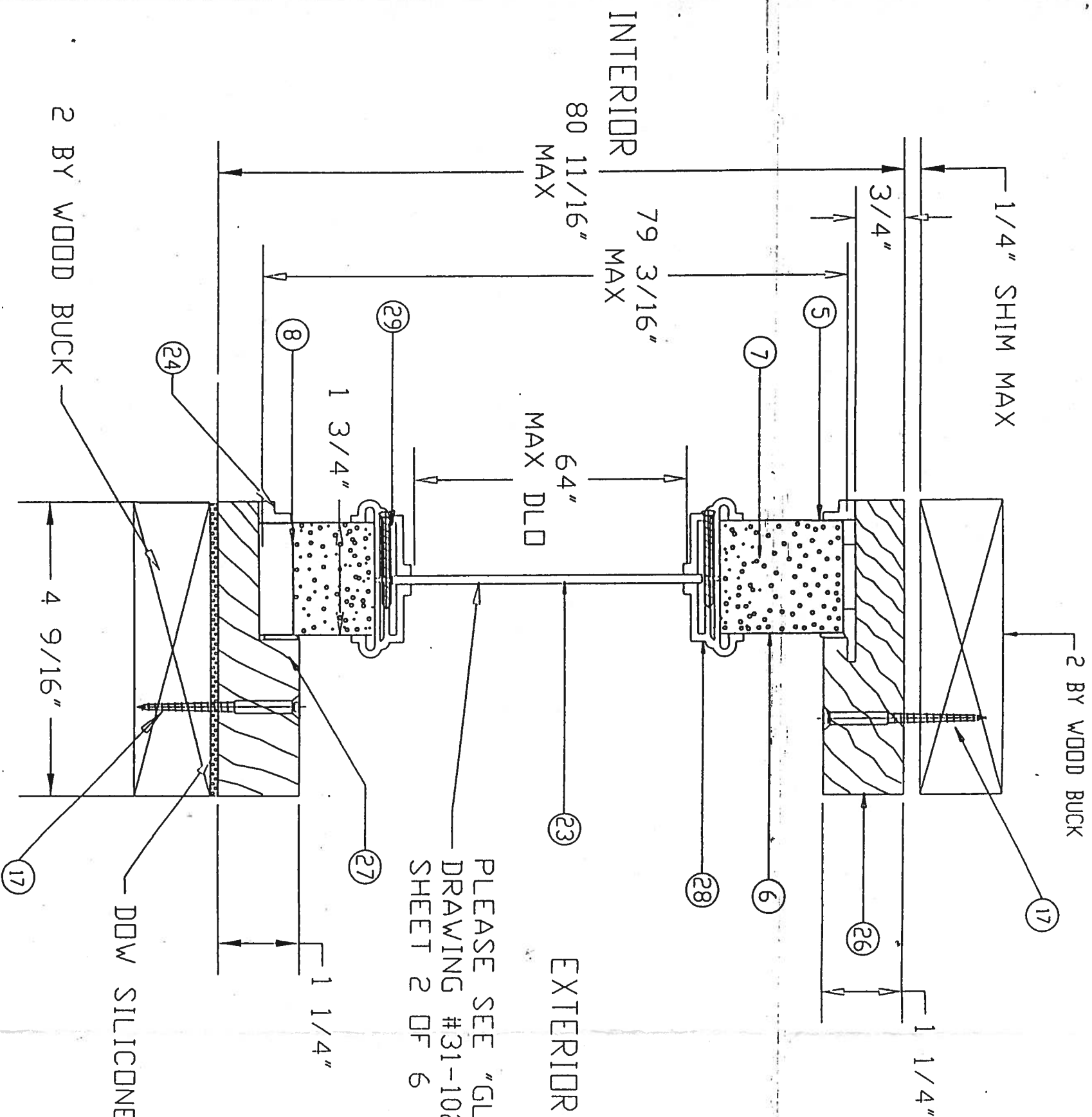
DESIGN IS COMPLYING WITH THE
2015 INTERNATIONAL BUILDING CODE
JUN 05 2014
BY *Shaw-Walkers*
PROJECT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 01-0314.18

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :				
EXTENSIONS: UNLESS NOTED, STD. COMPL. 10.3				
ENGINEER:				

DR. BY J.D.	DATE 1-11-01			

PREMDR ENTRY SYSTEMS				
911 C. JEFFERSON				
PITTSBURG, KS 66762				

31-1020-EW-1				
SHEET 5 OF 6				
REVISION LETTER				



PLEASE SEE "GLAZING DETAIL"
DRAWING #31-1020-EW-1
SHEET 2 OF 6

N/A

SECTION C-C

APPROVED AS COMPLYING WITH THE
SCOUT FLORIDA BUILDING CODE
DATE **JUN 05 2004**
BY *Matthew Jones*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. **01-0314.18**

D	DADE COUNTY MODIFICATIONS	1/11/01	JD
C	MATERIAL WAS POLYSTYRENE	6-2-99	RS
B	ADDED PAGE 5 (DOOR OPTIONS)	10-1-98	RS
A	ADD SCREWS TO LITE FRAME & MATERIAL LIST	12-18-97	R.S.
LR	REVISIONS	DATE	BY

PART NAME: ENTRY VOOD EDGE SIDE LITE (C-C)
SCALE:

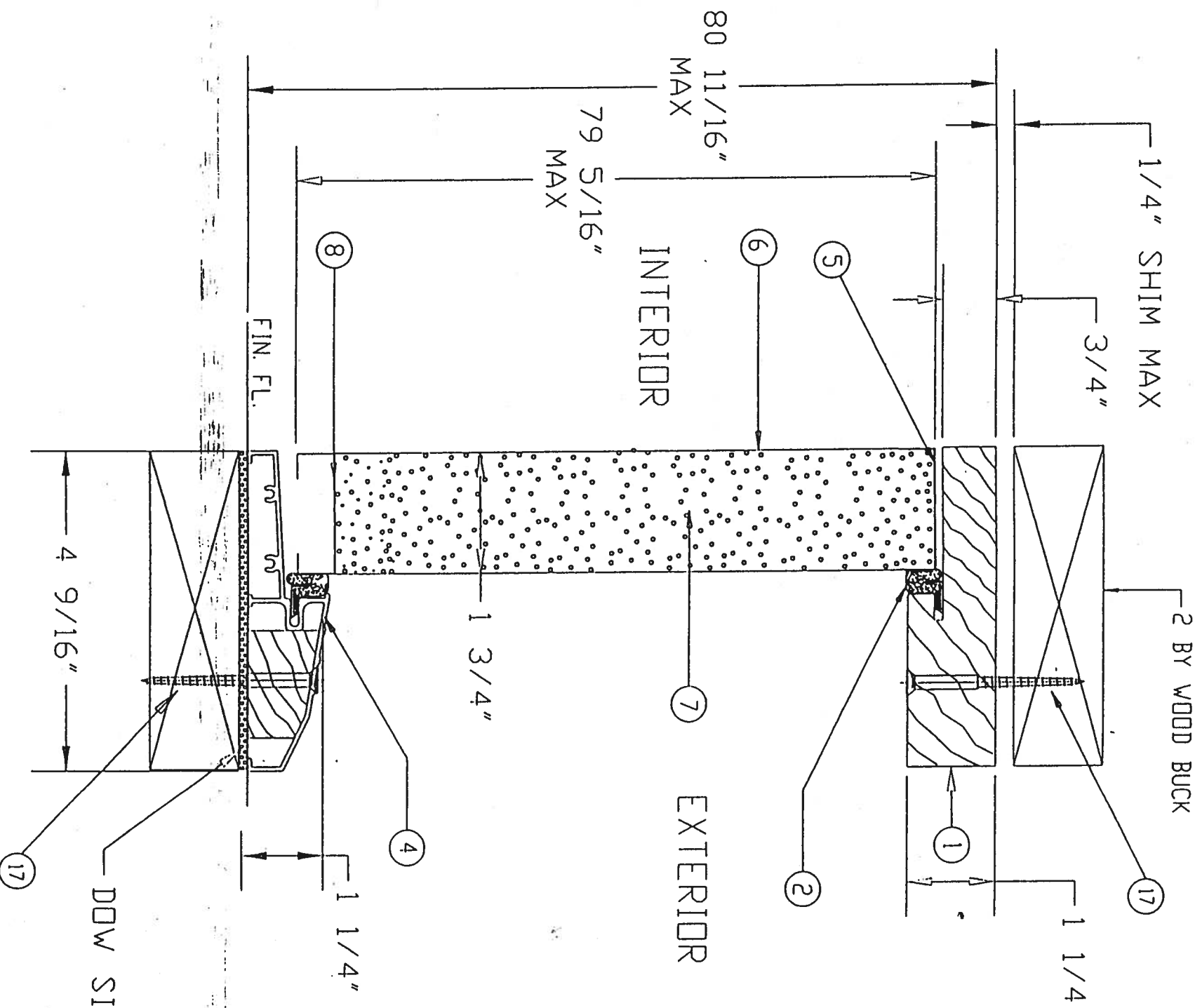
DR. BY **R.S.** DATE **7-29-97**
PREMDOR ENTRY SYSTEMS
911 E. JEFFERSON
PITTSBURG, KS 66762

31-1020-EW-1
SHEET 4 OF 6

REVISION LETTER **D**

MATERIALS LIST

ITEM NO.	DESCRIPTION	PART NUMBER	COMMENTS
①	WOOD HEAD JAMB	EW-12	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
②	COMPRESSION WEATHERSTRIP	EW-14	LOCKSCREEN BRAND LOXSEAL 9650 (BRONZE)
③	WOOD STRIKE JAMB	EW-10	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
④	ALUMINUM-BUMPER THRESHOLD	EW-13	PREMDOR BRAND OR EQUIVALENT - 1 1/4" X 4 9/16"
⑤	TOP CHANNEL	EW-05	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
⑥	STEEL SKIN	26 ga. (017 +.004 - .000)	MIN THICK 316 GRADE 304 SS PER LOCAL TEST REPORT IS REQ.
⑦	POLYURETHANE FOAM CORE	BASF FOAM - DENSITY 2.0 TO 2.5 lbs./ft ³	
⑧	BOTTOM CHANNEL	EW-04	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
⑨	WOOD LOCK BLOCK	EW-08	4" X 9 1/2" MTL. TO BE PINE OR EQUIVALENT
⑩	STRIKE STILE	EW-07	15/16" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT
⑪	HINGE STILE	EW-06	15/16" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT
⑫	LOCK PREP FILLER PLATE	EW-09	PREMDOR BRAND - .050" THICK - MTL. TO BE POLYETHYLENE
⑬	4"x4" HINGE	EW-15	HAGER BRAND HINGE OR EQUIVALENT - .097 THICK (STEEL)
⑭	WOOD HINGE JAMB	EW-11	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
⑮	#10 X 3/4" F.H.W.S.		(4) SCREWS PER HINGE INTO DOOR
⑯	#10 X 2" F.H.W.S.		(5) SCREWS THROUGH HINGE JAMB INTO SIDELITE JAMB, 8" DOWN FROM TOP MAX 18" O.C. THEREAFTER (10) SCREWS THROUGH STRIKE JAMB INTO SIDELITE JAMB, 4" DOWN FROM TOP MAX 8" O.C. THEREAFTER (4) SCREWS THROUGH EACH HINGE INTO DOOR JAMB (6) SCREWS THROUGH EACH SIDELITE JAMB INTO SIDELITE, 4" DOWN FROM TOP, MAX 15" O.C. THEREAFTER
⑰	#10 F.H.W.S. V/MINIMUM 1 1/2" ENGAGEMENT OR 3/16" PER TAPDIMS V/MINIMUM 1 1/2" ENGAGEMENT		REFER TO ELEVATION VIEW, FOR # OF SCREWS USED AND LOCATIONS
⑱	SIDELITE WOOD STILE	EW-07	15/16" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT
⑲	#8 X 2" F.H.W.S.		(2) SCREWS AT EACH STRIKE PLATE
⑳	LOCKSET		KWIKSET BRAND 200 LOCK OR HARLOC BRAND 100 LOCK
㉑	NOT USED ON THIS MODEL		
㉒	WOOD SIDELITE JAMB	EW-18	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉓	22" X 64" SINGLE PANEL GLASS	EW-19	TEMPERED GLASS IN POLYPROPYLENE FRAME - DC-1643 - (DDL-2 1/8" CLEAR TEMPERED GLASS)
㉔	SIDELITE TRIM (WOOD)	EW-20	5/16" X 1/2" MTL. TO BE PINE OR EQUIVALENT
㉕	WOOD CASING	EW-21	1/8" X 1" MTL. TO BE PINE OR EQUIVALENT - ITEMS ARE MOLDINGS USED FOR "SIDE BY SIDE JAMBS" AS MULLIONS
㉖	WOOD SIDELITE HEAD JAMB	EW-22	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉗	WOOD SIDELITE BASE	EW-23	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉘	POLYPROPYLENE-LITE FRAME	DC-1643, DDL-2	HP Polypropylene by DDL
㉙	#6 X 1 1/2" PAN HEAD SCREWS		18 PER FRAME TO EXCEED 14" O.C. THERE AFTER.
㉚	PIN NAIL		3/4" LONG NAIL, 4" IN FROM END, MAX 8" O.C. THEREAFTER, USED ON MULLIONS AND TRIP



SECTION B-B

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **JUN 05 2007**
BY *Michael J. [Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. **01-0314.18**

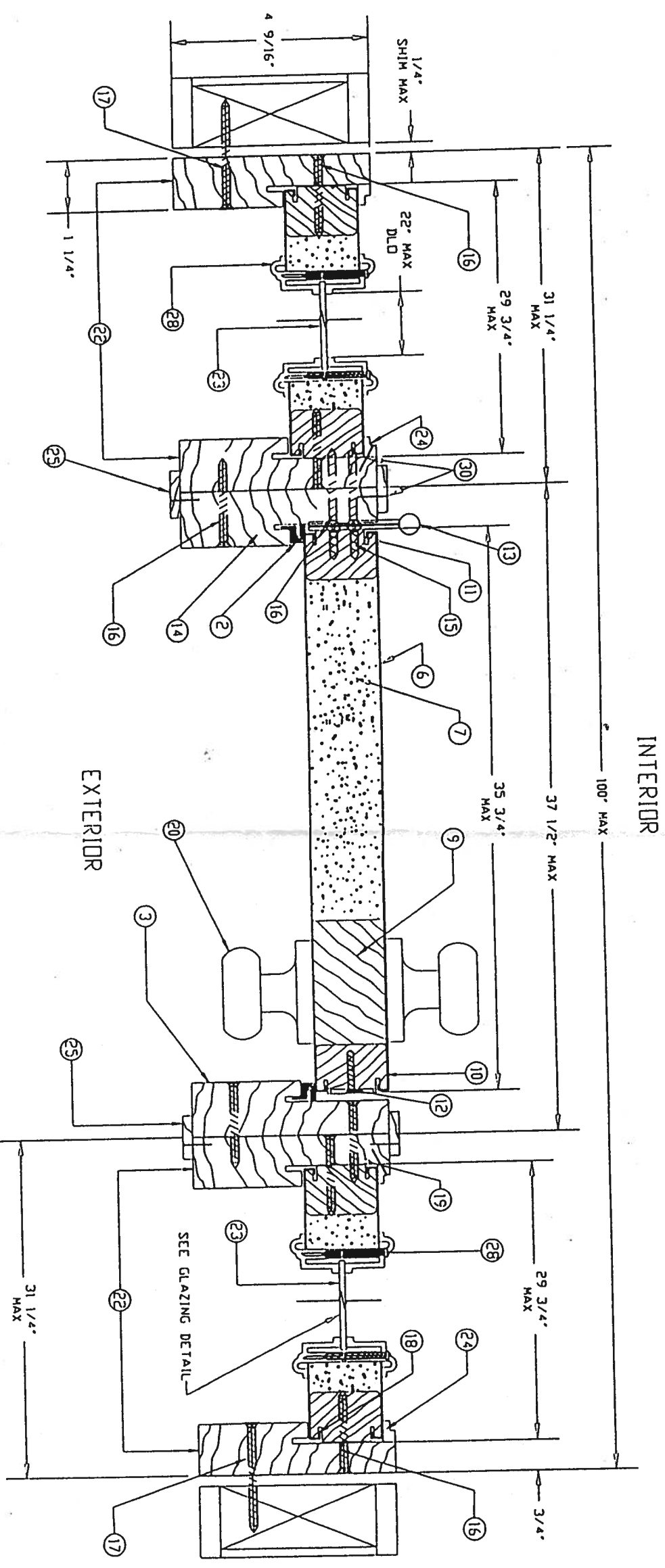
LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :
EXTRUSIONS: UNLESS NOTED, STD. COM. 101.3.

ENGINEER: _____
PART NAME: ENTERGY WOOD EDGE DOOR (B-B)
SCALE: _____

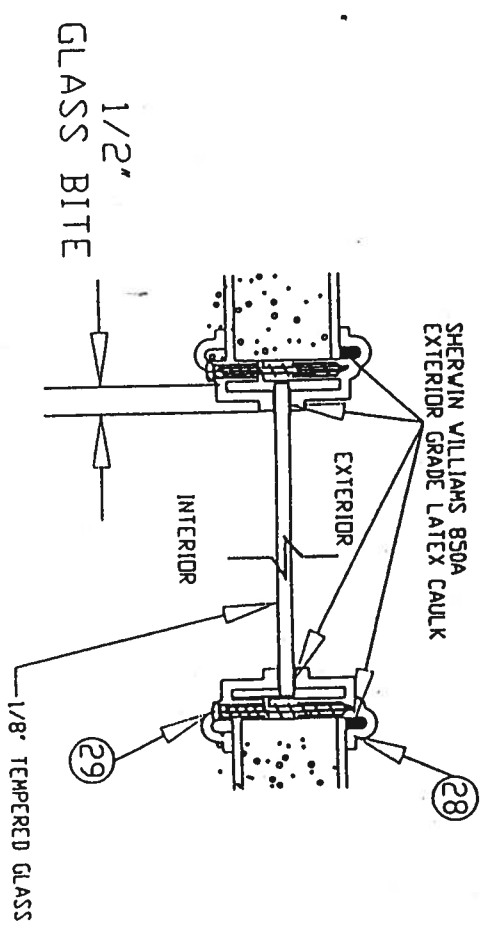
DR. BY R.S. DATE 7-29-97
PREMDOR ENTRY SYSTEMS
911 E. JEFFERSON
PITTSBURG, KS. 66762

31-1020-EW-1
SHEET 3 OF 6

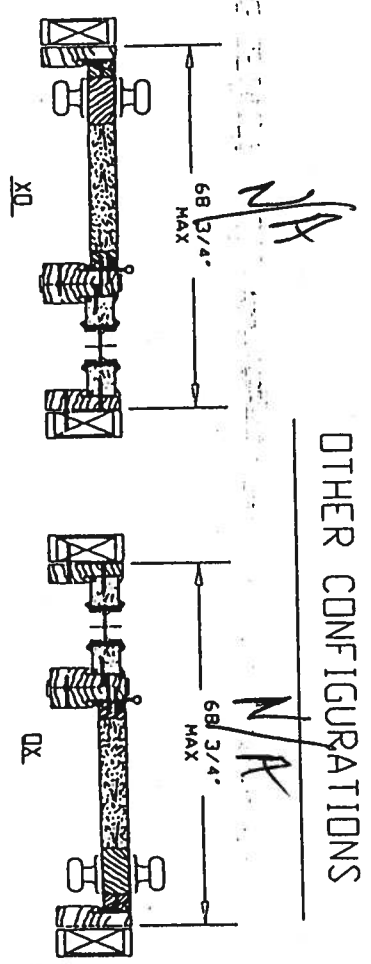
REVISION LETTER B



GLAZING DETAIL



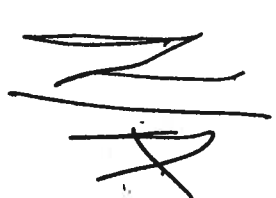
SECTION A-A INSWING



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **JUN 05 2007**
BY *Manuel Casas*
PROJECT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. _____

UNLESS NOTED, PRC		IC	AG
C		DATE COUNTY MODIFICATIONS	DATE
B		ADD SCREWS TO LITE FRAMES &	DATE
A		ADD OTHER DOOR CONFIGURATIONS	DATE
REVISIONS		DATE	BY
1		DATE	BY
2		DATE	BY
3		DATE	BY
4		DATE	BY
5		DATE	BY
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100		DATE	BY

110 x 1 1/2" MINIMUM EMBEDMENT
(14) PER HEAD & SILL, (6) PER JAMB
ALTERNATE: 3/16" PFH TAPCONS
w/1 1/2" MINIMUM EMBEDMENT



LIMITS: UNLESS NOTED, FRAC. : DEC : ANG. :		C BADE COUNTY MODIFICATIONS		1/13/91	JD
EXTENSIONS: UNLESS NOTED, STD COMPL. TOL'S		B ADD RATINGS & RE-DRAWN		8-26-90	BS
ENGINEER:		A ADD SCREWS FROM JAMB TO THOLD		11-11-92	BS
		A ADD NOTE 4 FOR STAPLES		11-11-92	BS
DR BY RS		LIR REVISIONS		DATE	BY
DATE 4-9-97		PART NAME: ENTRANCE WOOD FENCE FOR W/STREET LIGHT			
PREMDOR ENTRY SYSTEMS		PART:		SCALE:	
911 E JEFFERSON				31-1020-EW-I	
PITTSBURGH, PA 15212				SHEET 1 OF 6	
				REVISION LETTER C	