

Columbia County Building Permit

PERMIT
000024350

This Permit Expires One Year From the Date of Issue

APPLICANT LAMAR DUPREE PHONE 754-5678
ADDRESS P.O. BOX 2861 LAKE CITY FL 32056
OWNER JOSEPHINE KUIKEN/MICHAEL CARUSO PHONE 758-0980
ADDRESS 277 SW CELINE COURT LAKE CITY FL 32024
CONTRACTOR JL DUPREE PHONE 754-5678
LOCATION OF PROPERTY 47S, TR ON 252, TR ON FRIENDSHIP WAY, TR ON BUCHANAN DR.,
TR ON CELINE COURT, END OF STREET ON LEFT
TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 37550.00
HEATED FLOOR AREA 751.00 TOTAL AREA 1321.00 HEIGHT 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 4/12 FLOOR SLAB
LAND USE & ZONING RR MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 22-4S-16-03090-003 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 1.13

CGC060631
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 06-0221-N BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 11521

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
date/app. by date/app. by date/app. by
Under slab rough-in plumbing Slab Sheathing/Nailing
date/app. by date/app. by date/app. by
Framing Rough-in plumbing above slab and below wood floor
date/app. by date/app. by
Electrical rough-in Heat & Air Duct Peri. beam (Lintel)
date/app. by date/app. by date/app. by
Permanent power C.O. Final Culvert
date/app. by date/app. by date/app. by
M/H tie downs, blocking, electricity and plumbing Pool
date/app. by date/app. by
Reconnection Pump pole Utility Pole 04/05/200RJ
date/app. by date/app. by
M/H Pole Travel Trailer Re-roof
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 190.00 CERTIFICATION FEE \$ 6.61 SURCHARGE FEE \$ 6.61
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 278.22
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 INCONVIENCE, 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.

PERMIT# _____

NOTICE OF COMMENCEMENT

STATE OF: FLORIDA

COUNTY OF: COLUMBIA

CITY OF: LAKE CITY

*****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.

*****DESCR

PTION OF PROPERTY

SECTION: _____ TOWNSHIP: _____ RANGE: _____ TAX PARCEL #: 22-45-16-03090-003

LOT: 5 BLOCK: 1 SUBDIVISION: Blaine Estates

PLATBOOK #: _____ MAP PAGE #: _____

STREET ADDRESS: 277 SW Celine Crt., Lake City, FL 32025

GENERAL DESCRIPTION OF IMPROVEMENT

TO CONSTRUCT: Residential

OWNER INFORMATION

NAME: Josephine Kuiken, Michael & Patricia Caruso PHONE NUMBER: 386-758-0980

ADDRESS: 277 SW Cecline Crt., Lake City

STATE: FLORIDA ZIP CODE: 32055

INTEREST IN THE PROPERTY: Addition

FEE SIMPLE TITLEHOLDER NAME (OTHER THAN OWNER): _____

FEE SIMPLE TITLEHOLDER ADDRESS: _____

CONTRACTOR NAME: J.L. DUPREE PHONE NUMBER: 386-754-5678

COMPANY NAME: J.L. DUPREE CONSTRUCTION SERVICES, INC. FAX NUMBER: 386-754-5431

ADDRESS: P.O. BOX 2861 CITY: LAKE CITY

STATE: FLORIDA ZIP CODE: 32056

BONDING COMPANY: N/A PHONE NUMBER: _____

ADDRESS: _____ FAX NUMBER: _____

CITY: _____ STATE: _____ ZIP CODE: _____

LENDER NAME: N/A Inst: 2006006858 Date: 03/20/2006 Time: 14:26

J. P. DeWitt DC, P. DeWitt Cason, Columbia County B: 1077 P: 2479

ADDRESS: _____

CITY: _____ STATE: _____

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), Florida Statute:

NAME: N/A ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

In addition to himself, the owner designates N/A of _____

To receive a copy of the Lienor's notice as provided in Section 713.13(1)(b) Florida Statutes.

Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified):

SIGNATURE OF OWNER: Michael Kuiken Patricia Caruso Josephine Kuiken

Sworn to and subscribed before me this 8th day of March, 2006.

Known personally/I.D. Shown

Notary: Kern L. Clark

My commission expires: 11-21-08



Notary Public State of Florida
Kern L. Clark
My Commission DD373744
Expires 11/21/2008

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0603-71 Date Received 3/20/06 By GA Permit # 24350
 Application Approved by - Zoning Official BLK Date 30.03.06 Plans Examiner OK JTH Date 2-24-06
 Flood Zone X Development Permit N/A Zoning RR Land Use Plan Map Category RES. Vert Low Den
 Comments see PLAN FOR SITE PLAN

Applicants Name Kim Combs Lamar DuPree Phone 386-7545678
 Address PO Box 2861, Lake City, FL 32056
 Owners Name Josephine Kuiken, Michael & Patricia Caruso Phone 386-758-0980
 911 Address 277 SW Celine Court, Lake City, FL 32024
 Contractors Name JL DuPree Construction Services Phone 386-754-5678
 Address 1944 S Duval St., Lake City, FL 32055
 Fee Simple Owner Name & Address Josephine Kuiken, Michael & Patricia Caruso
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Freeman Design Group, 161 NW Madison St., Lake City, FL 32055
 Mortgage Lenders Name & Address N/A
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 22-45-16-03090-003 Estimated Cost of Construction _____
 Subdivision Name ~~Blaine Estates Phase 2~~ Lot 5 Block 1 Unit _____ Phase 2
 Driving Directions SR 47 to SR 252, turn R, go to Blaine Estates, turn R on Friendship Way, R onto Buchanan Dr., R on Celine Crt., end of street on L

Type of Construction Addition Number of Existing Dwellings on Property 1
 Total Acreage 1.13 Lot Size N/A Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Dr
 Actual Distance of Structure from Property Lines - Front 181'3" Side 58' Side 137'9" Rear 57'2"
 Total Building Height 15'4" Number of Stories 1 Heated Floor Area 751 Roof Pitch 4/12
GARAGE 570 TOTAL 1321

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.

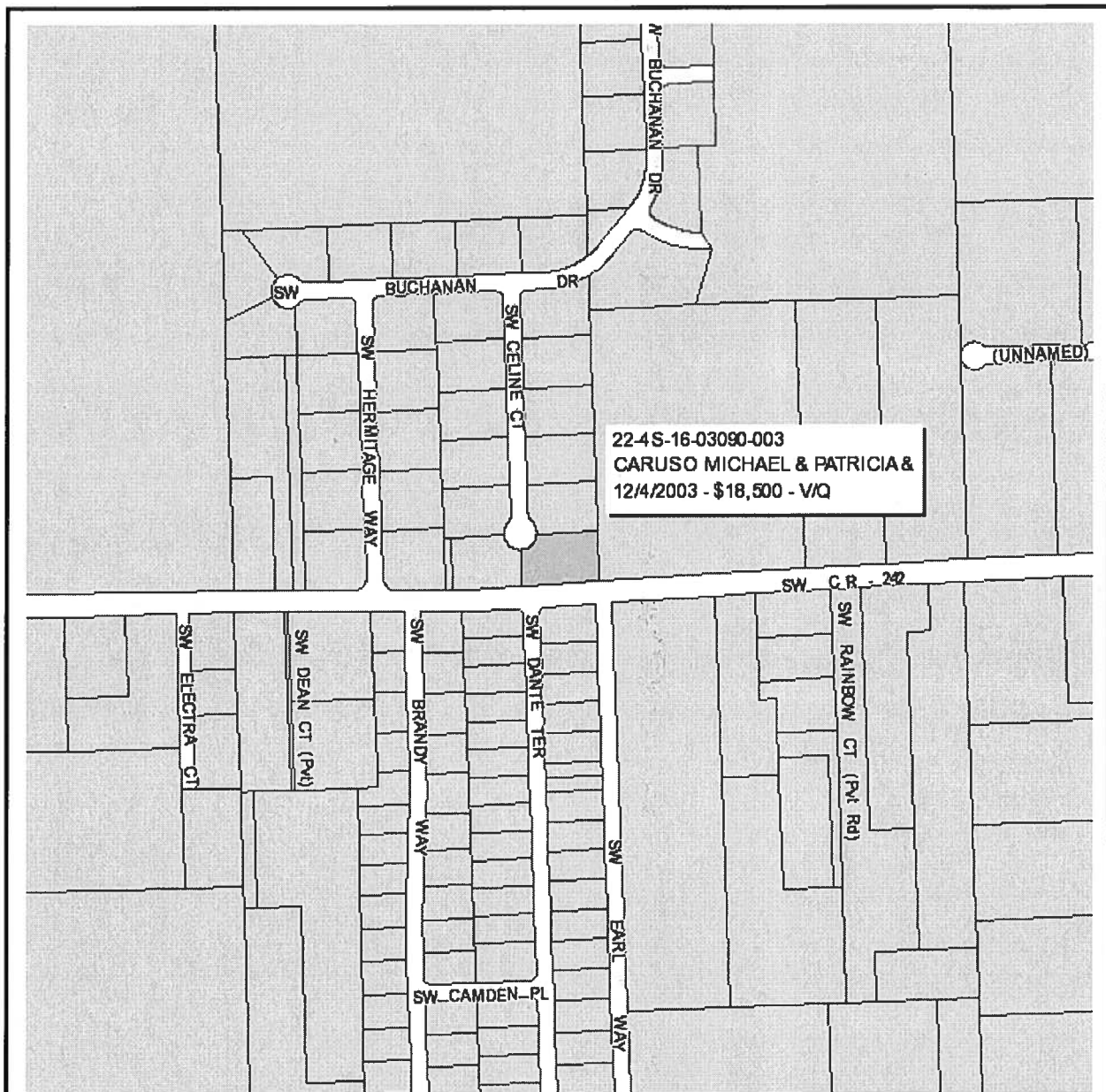
J. L. Du Pree, Contractor
 Owner/Builder or Agent (Including Contractor)
 JL Dupree Construction Services, Inc.

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 20 day of March 2006.
 Personally known ✓ or Produced Identification _____

J. L. DuPree
 Contractor Signature
 Contractors License Number CGC-060631
 Competency Card Number _____
 NOTARY STAMP/SEAL

Shannon M Regar
 Notary Signature
 My Commission DD364938
 Expires October 21, 2008



Columbia County Property Appraiser

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

PARCEL: 22-4S-16-03090-003 HX DX - MOBILE HOM (000200)

COMM AT SE COR OF LOT 19, BLAINE EST, PHASE 1, RUN E ALONG N RW OF C
R 242 185.88

Name: CARUSO MICHAEL & PATRICIA &	LandVal	\$23,100.00
Site: CELINE	BldgVal	\$64,122.00
JOSEPHINE KUIKEN (JTWRS)	ApprVal	\$88,722.00
Mail: 277 SW CELINE CT	JustVal	\$88,722.00
LAKE CITY, FL 32024	Assd	\$78,987.00
Sales 10/22/2004 \$100.00 I / U	Exmpt	\$25,500.00
Info 12/4/2003 \$18,500.00 V / Q	Taxable	\$53,487.00

0 250 500 750 ft



This information, GIS Map Updated: 2/7/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

06-0221N

Krispen

PART II - SITE PLAN

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



Notes: See other into plan

Site Plan submitted by:

Lamar Dufree

Signature

Agent

Title

Plan Approved

Not Approved

Date 3/6/06

By

Sally Healdy

County Health Department

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

THIS INSTRUMENT PREPARED BY:

**MARK E. FEAGLE, ESQUIRE
FEAGLE & FEAGLE, ATTORNEYS P.A.
153 NE Madison Street
Post Office Box 1653
Lake City, Florida 32056-1653**

Florida Bar No. 0576905

Inst:2004024349 Date:10/29/2004 Time:15:04

Doc Stamp-Deed : 0.70

ML DC, P. DeWitt Cason, Columbia County B:1029 P:1108

QUIT CLAIM DEED

THIS QUIT-CLAIM DEED made this 22nd day of November, 2004, by
JOSEPHINE KUIKEN, an unmarried widow, whose mailing address 277 SW Celine Court,
Lake City, Florida 32024, first party, to **JOSEPHINE KUIKEN**, and **MICHAEL CARUSO**
and his wife, **PATRICIA CARUSO**, as joint tenants with right of survivorship, whose mailing
address is 277 SW Celine Court, Lake City, Florida 32024, second party.

WITNESSETH:

That the said first party, for and in consideration of the sum of **TEN AND NO/100**
(\$10.00) **DOLLARS**, in hand paid by the said second party, receipt whereof is hereby
acknowledged, does hereby remise, release and quit-claim unto the said second party forever, all
the right, title, interest, claim and demand which the said first party has in and to the following
described lot, piece or parcel of land, situate, lying and being in the County of Columbia, State of
Florida, to-wit:

**SEE EXHIBIT "A" ATTACHED HERETO AND
INCORPORATED HEREIN BY REFERENCE.**

Tax Parcel No.: 22-4S-16-03090-003

Copy

TO HAVE AND TO HOLD, the same together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all the estate, right, title, interest, lien, equity and claim whatsoever of the said first party, either in law or equity, to the only proper use, benefit and behoof of the said second party forever.

IN WITNESS WHEREOF, the said first party has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered
in the presence of:

Mark Fenske
Witness

Mark Fenske
Print or Type Name

Josephine Kuiken (SEAL)
JOSEPHINE KUIKEN

Diane S. Edenfield
Witness

DIANE S. EDENFIELD
Print or Type Name

**STATE OF FLORIDA
COUNTY OF COLUMBIA**

The foregoing instrument was acknowledged before me this 22nd day of October, 2004, by **JOSEPH KUIKEN** who is personally known to me or who has produced a Florida driver's license as identification.



Diane S. Edenfield
MY COMMISSION # DD112002 EXPIRES
May 25, 2006
ROYALTY FARM INSURANCE, INC.

Diane S. Edenfield
Notary Public, State of Florida

My commission expires:

Copy

Inst:2004024349 Date:10/29/2004 Time:15:04

Doc Stamp-Deed : 0.76

DC, P. DeWitt Cason, Columbia County B:1029 P:1110

EXHIBIT "A"

Part of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 22, Township 4 South, Range 16 East, Columbia County, Florida, being more particularly described as follows: for point of reference commence at the SE corner of Lot 19, Blaine Estates, Phase I, as recorded in Plat Book 7, Page 21 and 22 of the Public Records of said county, thence run along the North right-of-way line of CR 242, said North right-of-way line being in a curve concaved Northwesterly having a radius of 7599.44 feet; thence run along and around said curve a chord bearing and distance of North $88^{\circ} 01' 15''$ East, 185.88 feet to the Point of Beginning; thence run North $01^{\circ} 54' 19''$ West, a distance of 131.53 feet to a point on curve concaved Northwesterly, having a radius of 60.00 feet; thence run along and around said curve, a chord bearing and distance of, North $45^{\circ} 28' 57''$ East, 81.24 feet; thence run North $88^{\circ} 05' 27''$ East, a distance of 222.28 feet; thence run South $01^{\circ} 56' 27''$ East, a distance of 179.69 feet to the North right-of-way line of CR 242; thence run South $86^{\circ} 40' 59''$ West along said North right-of-way line a distance of 246.45 feet to a point of curve of a curve concaved Northwesterly, having a radius of 7599.44 feet; thence run along and around said curve, a chord bearing and distance of South $86^{\circ} 49' 49''$ West, 35.82 feet to the Point of Beginning.

Coyne

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Kuiken Addition**
Address:
City, State: ,
Owner:
Climate Zone: **South**

Builder: **DUPAGE**
Permitting Office: **Columbia**
Permit Number: **24350**
Jurisdiction Number: **221000**

1. New construction or existing	Addition	___	12. Cooling systems	___
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 12.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 10.00
4. Number of Bedrooms	1	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	515 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane	13. Heating systems	___
a. Clear glass, default U-factor	0.0 ft ²	93.0 ft ²	a. Electric Heat Pump	Cap: 12.0 kBtu/hr
b. Default tint	0.0 ft ²	0.0 ft ²		HSPF: 7.00
c. Labeled U or SHGC	0.0 ft ²	0.0 ft ²	b. N/A	___
8. Floor types			c. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 145.6(p) ft	___		___
b. N/A		___	14. Hot water systems	___
c. N/A		___	a. Electric Resistance	Cap: 50.0 gallons
9. Wall types				EF: 0.90
a. Frame, Wood, Exterior	R=13.0, 1164.8 ft ²	___	b. N/A	___
b. N/A		___	c. Conservation credits	___
c. N/A		___	(HR-Heat recovery, Solar	
d. N/A		___	DHP-Dedicated heat pump)	
e. N/A		___	15. HVAC credits	MZ-C, PT, CF, ___
10. Ceiling types			(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 566.5 ft ²	___	HF-Whole house fan,	
b. N/A		___	PT-Programmable Thermostat,	
c. N/A		___	MZ-C-Multizone cooling,	
11. Ducts			MZ-H-Multizone heating)	
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 41.8 ft	___		
b. N/A		___		

Glass/Floor Area: 0.18

Total as-built points: 7795

Total base points: 8967

PASS

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

PREPARED BY: William H. True
DATE: 4/3/06

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: _____



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	515.0	32.50	3012.8	Double, Clear	SE	1.5	4.0	9.0	69.60	0.79	493.2
				Double, Clear	SE	1.5	6.0	20.0	69.60	0.90	1250.4
				Double, Clear	SE	1.5	6.0	15.0	69.60	0.90	937.8
				Double, Clear	SW	1.5	6.0	45.0	64.05	0.90	2591.3
				Double, Clear	SW	1.5	2.0	4.0	64.05	0.59	149.9
				As-Built Total:				93.0	5422.7		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1164.8	2.40		2795.5	
Exterior	1164.8	2.70	3145.0								
Base Total:				1164.8				3145.0			
				As-Built Total:		1164.8		2795.5			
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			19.0	6.40		121.9	
Exterior	19.0	6.40	121.9								
Base Total:				19.0				121.9			
				As-Built Total:		19.0		121.9			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	515.0	2.80	1442.0	Under Attic	30.0		566.5	2.77 X 1.00		1569.2	
Base Total:				515.0				1442.0			
				As-Built Total:		566.5		1569.2			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	145.6(p)	-20.0	-2912.0	Slab-On-Grade Edge Insulation	0.0		145.6(p)	-20.00		-2912.0	
Raised	0.0	0.00	0.0								
Base Total:				-2912.0				145.6		-2912.0	
				As-Built Total:		145.6		-2912.0			
INFILTRATION Area X BSPM = Points								Area X SPM = Points			
515.0 18.79 9676.8								515.0 18.79 9676.8			

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		14486.4		Summer As-Built Points:				16674.2							
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
14486.4		0.4266		6179.9	16674.2		1.000		(1.000 x 1.165 x 0.90)		0.341		0.857		5111.4
					16674.2		1.00		1.048		0.341		0.857		5111.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	515.0	2.36	218.8	Double, Clear	SE	1.5	4.0	9.0	2.87	1.07	27.7
				Double, Clear	SE	1.5	6.0	20.0	2.87	1.04	59.9
				Double, Clear	SE	1.5	6.0	15.0	2.87	1.04	44.9
				Double, Clear	SW	1.5	6.0	45.0	3.63	1.01	165.1
				Double, Clear	SW	1.5	2.0	4.0	3.63	1.08	15.7
				As-Built Total:		93.0			313.3		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1164.8	0.60		698.9	
Exterior	1164.8	0.60	698.9								
Base Total: 1164.8 698.9				As-Built Total:		1164.8			698.9		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated			19.0	1.80		34.3	
Exterior	19.0	1.80	34.3								
Base Total: 19.0 34.3				As-Built Total:		19.0			34.3		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	515.0	0.10	51.5	Under Attic	30.0		566.5	0.10 X 1.00		56.7	
Base Total: 515.0 51.5				As-Built Total:		566.5			56.7		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	145.6(p)	-2.1	-305.8	Slab-On-Grade Edge Insulation	0.0		145.6(p)	-2.10		-305.8	
Raised	0.0	0.00	0.0								
Base Total: -305.8				As-Built Total:		145.6			-305.8		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
515.0 -0.06 -30.9				515.0 -0.06 -30.9							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT									
Winter Base Points: 666.8				Winter As-Built Points: 766.5									
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	= Heating Points
666.8		0.6274	418.3	766.5		1.000		(1.000 x 1.137 x 0.91)		0.487		0.950	367.0
				766.5		1.00		1.035		0.487		0.950	367.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						= Total
1		2369.00	2369.0	50.0	0.90	1		1.00	2316.36
				As-Built Total:					2316.4

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
			=				=
6180		418	2369	5111		367	2316
			8967				7795

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.5

The higher the score, the more efficient the home.

1. New construction or existing	Addition	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 12.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 10.00
4. Number of Bedrooms	1	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	515 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane		___
a. Clear - single pane	0.0 ft ²	93.0 ft ²	13. Heating systems	
b. Clear - double pane	0.0 ft ²	0.0 ft ²	a. Electric Heat Pump	Cap: 12.0 kBtu/hr
c. Tint/other SHGC - single pane	0.0 ft ²	0.0 ft ²		HSPF: 7.00
d. Tint/other SHGC - double pane			b. N/A	___
8. Floor types			c. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 145.6(p) ft	___	14. Hot water systems	
b. N/A		___	a. Electric Resistance	Cap: 50.0 gallons
c. N/A		___		EF: 0.90
9. Wall types			b. N/A	___
a. Frame, Wood, Exterior	R=13.0, 1164.8 ft ²	___	c. Conservation credits	
b. N/A		___	(HR-Heat recovery, Solar	
c. N/A		___	DHP-Dedicated heat pump)	
d. N/A		___	15. HVAC credits	MZ-C, PT, CF, ___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types			HF-Whole house fan,	
a. Under Attic	R=30.0, 566.5 ft ²	___	PT-Programmable Thermostat,	
b. N/A		___	MZ-C-Multizone cooling,	
c. N/A		___	MZ-H-Multizone heating)	
11. Ducts				
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 41.8 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 EnergyStarTM 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 Energy Gauge Program (Version: FLRCPB v3.30)*

Residential System Sizing Calculation

Summary

Project Title:
Kuiken Addition

Code Only
Professional Version
Climate: South

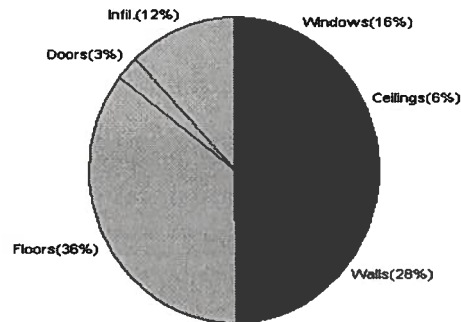
4/3/2006

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	23 F
Total heating load calculation	12773 Btuh	Total cooling load calculation	11770 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	94.0 12000	Sensible (SHR = 0.5)	58.4 6000
Heat Pump + Auxiliary(0.0kW)	94.0 12000	Latent	399.0 6000
		Total (Electric Heat Pump)	102.0 12000

WINTER CALCULATIONS

Winter Heating Load (for 515 sqft)

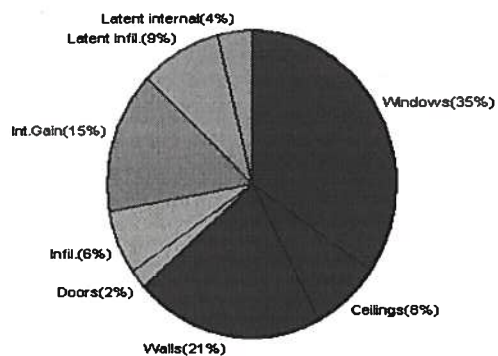
Load component		Load	
Window total	93 sqft	2000	Btuh
Wall total	1165 sqft	3611	Btuh
Door total	19 sqft	349	Btuh
Ceiling total	567 sqft	736	Btuh
Floor total	146 ft	4601	Btuh
Infiltration	34 cfm	1476	Btuh
Subtotal		12773	Btuh
Duct loss		0	Btuh
TOTAL HEAT LOSS		12773	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 515 sqft)

Load component		Load	
Window total	93 sqft	4091	Btuh
Wall total	1165 sqft	2493	Btuh
Door total	19 sqft	238	Btuh
Ceiling total	567 sqft	884	Btuh
Floor total		0	Btuh
Infiltration	30 cfm	762	Btuh
Internal gain		1800	Btuh
Subtotal(sensible)		10266	Btuh
Duct gain		0	Btuh
Total sensible gain		10266	Btuh
Latent gain(infiltration)		1044	Btuh
Latent gain(internal)		460	Btuh
Total latent gain		1504	Btuh
TOTAL HEAT GAIN		11770	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: William H. Hise

DATE: 4/3/06

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title:
Kuiken Addition

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

4/3/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	S	9.0	21.5	194 Btuh
2	2, Clear, Wood, DEF	S	20.0	21.5	430 Btuh
3	2, Clear, Wood, DEF	S	15.0	21.5	322 Btuh
4	2, Clear, Wood, DEF	W	45.0	21.5	968 Btuh
5	2, Clear, Wood, DEF	W	4.0	21.5	86 Btuh
Window Total			93		2000 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1165	3.1	3611 Btuh
Wall Total			1165		3611 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		19	18.3	349 Btuh
Door Total			19		349Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	567	1.3	736 Btuh
Ceiling Total			567		736Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	145.6 ft(p)	31.6	4601 Btuh
Floor Total			146		4601 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	5150(sqft)	34	1476 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				34	1476 Btuh

Totals for Heating	Subtotal	12773 Btuh
	Duct Loss(using duct multiplier of 0.00)	0 Btuh
	Total Btuh Loss	12773 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)

System Sizing Calculations - Summer

Residential Load - Component Details

Project Title:
Kuiken Addition

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 4/3/2006

Window	Type	Len	Hgt	Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExShOrnt			Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	S	1.5	4	9.0	9.0	0.0	24	39	216 Btuh
2	2, Clear, DEF, N, N	S	1.5	6	20.0	20.0	0.0	24	39	480 Btuh
3	2, Clear, DEF, N, N	S	1.5	6	15.0	15.0	0.0	24	39	360 Btuh
4	2, Clear, DEF, N, N	W	1.5	6	45.0	9.3	35.7	24	74	2863 Btuh
5	2, Clear, DEF, N, N	W	1.5	2	4.0	2.5	1.5	24	74	172 Btuh
Window Total					93					4091 Btuh
Walls	Type	R-Value			Area		HTM		Load	
	Frame - Exterior	13.0			1164.8		2.1		2493 Btuh	
	Wall Total				1164.8				2493 Btuh	
Doors	Type	R-Value			Area		HTM		Load	
	Insulated - Exter				19.0		12.5		238 Btuh	
	Door Total				19.0				238 Btuh	
Ceilings	Type/Color	R-Value			Area		HTM		Load	
	Under Attic/Dark	30.0			566.5		1.6		884 Btuh	
	Ceiling Total				566.5				884 Btuh	
Floors	Type	R-Value			Size		HTM		Load	
	Slab-On-Grade Edge Insulation	0.0			145.6 ft(p)		0.0		0 Btuh	
	Floor Total				145.6				0 Btuh	
Infiltration	Type	ACH			Volume		CFM=		Load	
	Natural	0.35			5150		30.1		762 Btuh	
	Mechanical						0		0 Btuh	
	Infiltration Total						30		762 Btuh	

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

Totals for Cooling	Subtotal	10266 Btuh
	Duct gain(using duct multiplier of 0.00)	0 Btuh
	Total sensible gain	10266 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	1044 Btuh
	Latent occupant gain (2 people @ 230 Btuh per person)	460 Btuh
	Latent other gain	0 Btuh
TOTAL GAIN		11770 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)
(Ornt - compass orientation)

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529

Reference to a building permit application Number: **0603-71**

JL DuPree Construction Owner Josephine Kuiken, Michael & Patricia Caruso

On the date of March 22, 2006 application 0603-71 and plans for construction of an addition onto an existing single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0603-71 when making reference to this application.

1. Please have Mr. Freeman show compliance with the Chapter 9 of the Florida Existing Building Code , Additions section 901 general: Scope: An addition to a building or structure shall comply with the building, plumbing, electrical, and mechanical codes, without requiring the existing building or structure to comply with any requirements of those codes or of these provisions.

903.3 The lateral-force-resisting system of existing buildings to which additions are made shall comply with Sections 903.3.1, 903.3.2, and 903.3.3.

Exceptions:

1. In Type V construction, Group R occupancies where the lateral-force story shears in any story is not increased by more than 10 percent.
2. Buildings of Group R occupancy with no more than five dwelling units or sleeping units used solely for residential purposes where the existing

building and the addition comply with the conventional light-frame construction methods as defined in Chapter 2.

3. Additions where the lateral-force story shear in any story is not increased by more than 5 percent.

Horizontal addition: 903.3.2 Where horizontal additions are structurally connected to an existing structure, all lateral-force-resisting elements of the existing structure affected by such addition shall comply with the lateral load provisions of the Florida Building Code, Building. Lateral loads imposed on the elements of the existing structure and the addition shall be determined by a relative stiffness analysis of the combined structure including torsional effects.

904.1 Smoke alarms in an addition.

Whenever an addition is made to a building or structure of a Group R-3 or R-4 occupancy, hardwired, interconnected smoke alarms meeting the requirements of the Florida Building Code, Building or the Florida Building Code, Residential shall be installed and maintained in the addition.

904.2: Smoke alarms in existing portions of a building. Whenever an addition is made to a building or structure of a Group R-3 or R-4 occupancy, the existing building shall be provided with smoke alarms as required by the Florida Building Code, Building or the Florida Building Code, Residential as applicable. The smoke alarms in the existing building are not required to be interconnected with smoke alarms in other portions of the base building.

Energy Conservation sections 906: 906.1 Minimum requirements. Additions to existing buildings or structures shall comply with the requirements of Chapter 13 of the Florida Building Code, Building.

2. Please show the method in which the new foundation will be joined into the existing foundation.

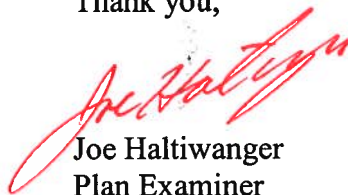
3. Please show compliance with the FRC-2004 sections R309 Garage: R309.1

A: Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors.

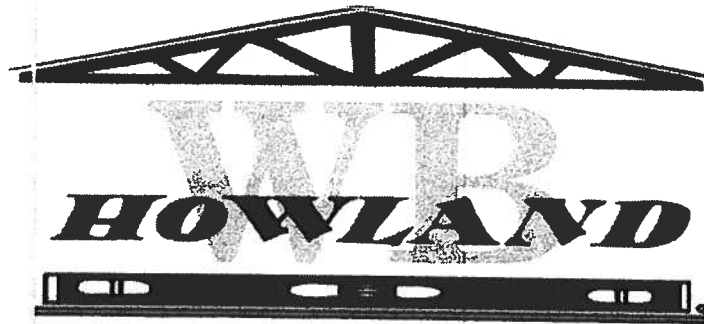
4. The attic Access door will be required to have the same fire rating as the door described in section R309.1 of the FRC-2004.

5. The data on line six of the Energy performance level form does not match the square footage of the living area as show on the plans. Please correct this deficiency on the Energy performance level form.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department



Hardware & Building Materials

Roof & Floor Trusses

Equipment Rental

P.O. Box 700

Live Oak, Fl. 32064

(386) 362-1235

Fax (386) 362-7124

www.WBHowland.com

2/27/06

Job Number: #2960 J.L. DuPree/Kuiken & Carusso Addition

Please find enclosed two sets of sealed drawings and a layout for permitting. Also enclosed is another set of sealed drawings, a layout, notes, etc. for *your* review.

Please review the enclosed carefully because although we have made our best effort, plans can be—even with the best effort of skilled plan designers— inconclusive, and open to interpretation in critical areas. Please do not hesitate to call us-- or stop by-- with any questions you may have.

Unless you the contractor request that changes be made prior to fabrication, trusses will be built in strict accordance with the enclosed layout and drawings.

We appreciate your business!



January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-4611.

TAMKO Roofing Products, Inc.



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Ceco Door Products
9159 Telecom Drive
Milan, TN 38358

In Swing

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: The Ceco Series Single Flush / Embossed Inswing Commercial Steel Doors -Impact

APPROVAL DOCUMENT: Drawing No RD0728, titled "3-0 x 7-0, Series Regent, Omega, Imperial, Versa door", prepared by manufacturer, sheets 1 through 9 of 9 dated 05/22/02 and latest revised on 10-10-02, 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.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: 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", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA 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 NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

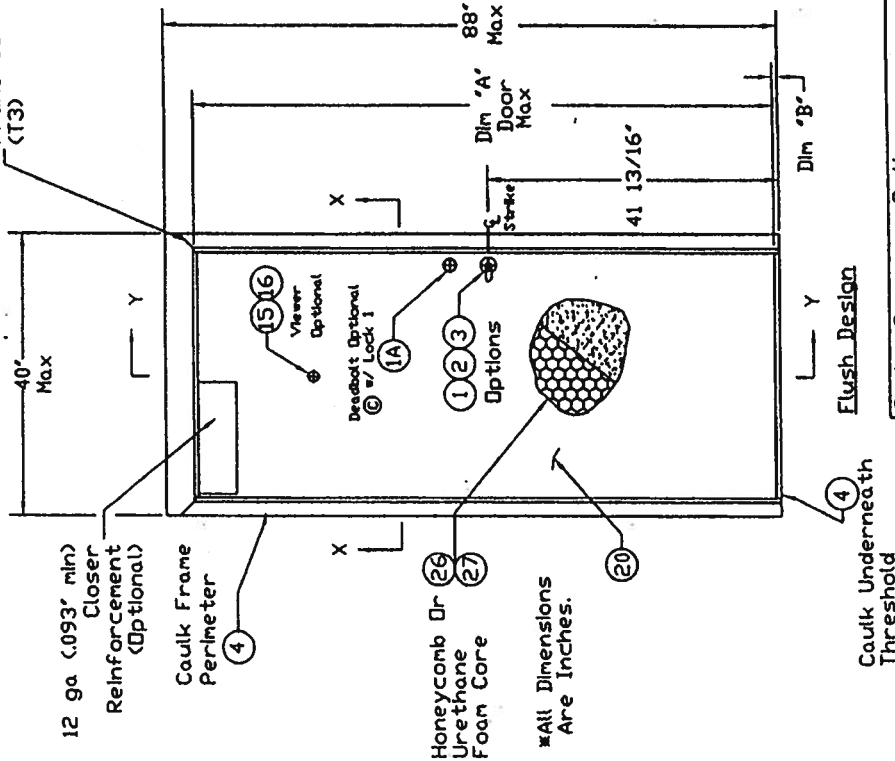
This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 02-0807.04
Expiration Date: October 31, 2007
Approval Date: October 31, 2002
Page 1

Frame Corners Welded (T3)



12 ga (.093 min) Closer Reinforcement (Optional)

Caulk Frame Perimeter

Honeycomb Or Urethane Foam Core

*All Dimensions Are Inches.

In-Swing Door (Exterior View)

	Dim 'A'	Dim 'B'
3/4" Undercut	83 1/8	3/4
3/8" Undercut	83 1/2	3/8

Approved as complying with the Florida Building Code
 Date: 02/06/02
 By: [Signature]
 Title: [Title]

Caulk Underneath Threshold

Design Pressure Rating	Where Water Infiltration Requirement Is Needed	Where Water Infiltration Requirement Is Not Needed
Positive	Not Approved	+70 PSF
Negative	Not Approved	-70 PSF

Sheet 2	Frame Anchor Installation
Sheet 3	Threshold Installation
Sheet 3	Weatherstrip Installation
Sheet 4	Door Latch Reinforcement
Sheet 5-8	Cross Section View
Sheet 9	Bill Of Material

Notes:

- 1) In-swing Not Approved For Water Infiltration Protection System
- 2) This Door Does Not Need A Hurricane Protection System
- 3) Hinge Spacing Is 33" O.C., 13" From Top Of Frame & 9" From The Bottom

MATERIAL SPECIFICATIONS:

Finish: Rust Inhibitive Primer

3-0 x 7-0 Series
 Regent, Omega, Imperial, & Versadoor
 In-Swing Elevation Drawing

CECO DOOR PRODUCTS
 Milan, Tennessee 38358

Revised Per Marked-Up Drawings From LT	10/10/02
Revised Per Marked-Up Drawings From LT	9/28/02

ISSUE	REVISIONS
DATE	DATE
LT	5/22/02

DRAWN BY	LT
CHECKED BY	LT

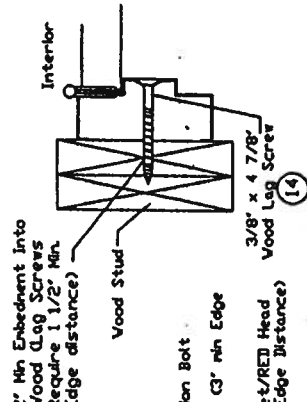
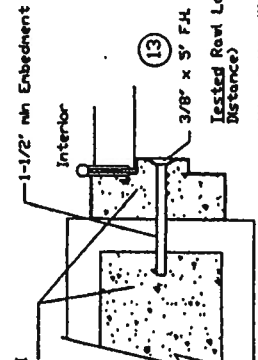
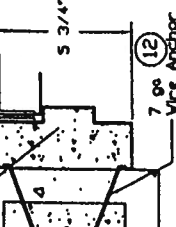
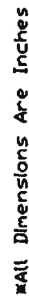
DRAWING NUMBER
 RD0728
 Sheet 1 of 9

Min. 3500 PSI

MAX 3500 PSI

Min. 3500 PSI

Min. 3500 PSI



Approved as complying with the
Florida Building Code
Date 06/3/2002
NON# 02-0207-04
Miami Dade Product Control
Division
By Sloos J. Chaudh

A LT	Revised Per Marked -Up Drawings From Ishaq Chanda.
ISSUE	REVISIONS
DRAWN BY:	DATE:
LT	5/22/02
DRAWING NUMBER:	
RD0728	
Sheet 2 of 9	

Frame Anchor (Inswing Doors) Regent, Omega, Imperial & Versadoor Installation Details

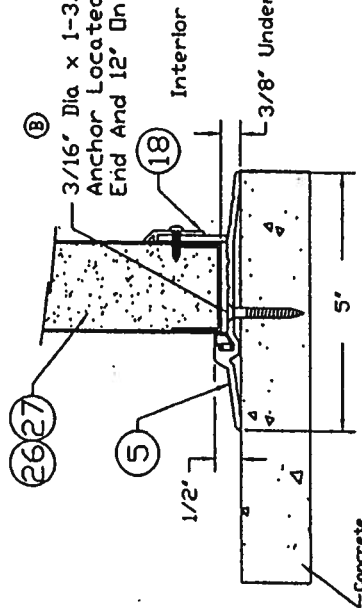
CECO DOOR PRODUCTS
Milton, Tennessee 38358

Section Y-Y

Inswing
(Not Approved For Water)

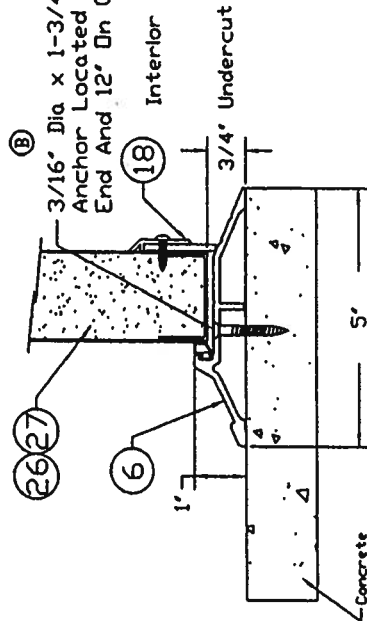
Note: Thresholds Not Approved For Water.

Threshold: Pemko 2005AV



Threshold: Pemko 181AV

(B) 3/16" Dia x 1-3/4" F.H. Tapcon
Anchor Located 5-3/4" From The
End And 12" On Center



Threshold: Pemko 181AV

Approved as complying with the
Florida Building Code
Date: 02/31/2002
NOA# 02-030704
Miami Dade Product Control
Division
By Chas J. Claude

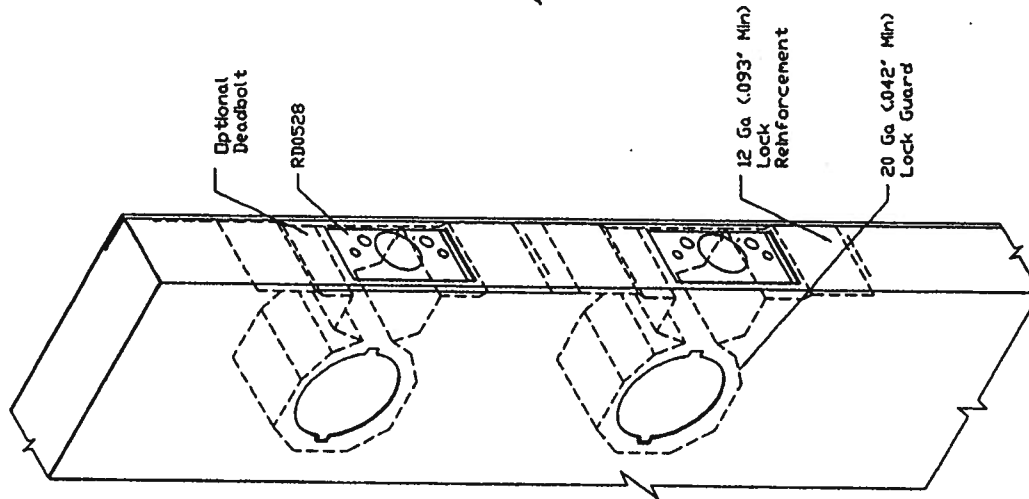
D Name LT	Revised Per Marked-Up Drawings From Ishaq Chanda
C Name	Revised Per Marked-Up Drawings From Ishaq

LT	CHALMERS
ISSUE	REVISIONS
DRAWN BY:	DATE:
LT	5/22/02

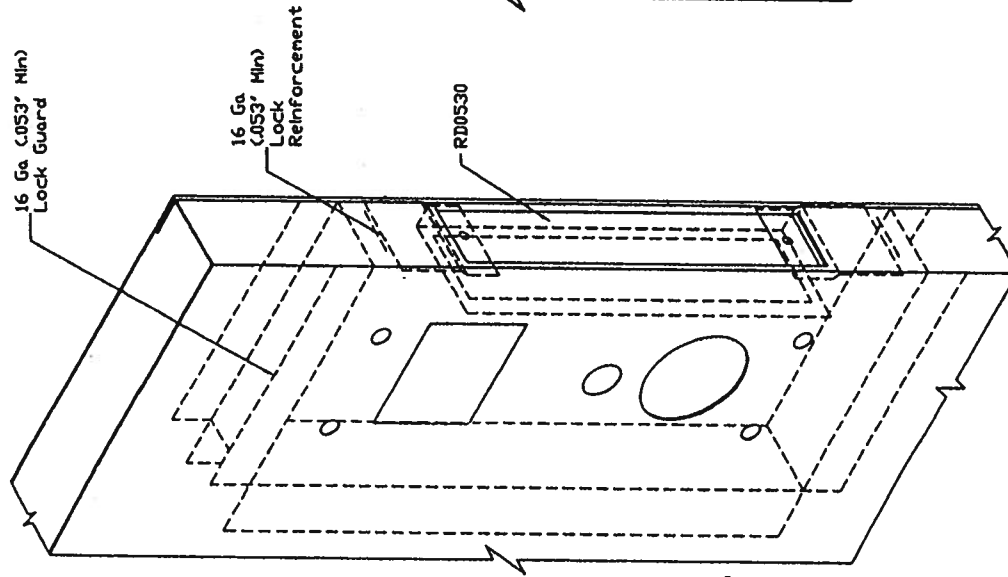
RD0728
Sheet 3 of 9

Threshold & Weatherstrip (Inswing Doors) Regent, Omega, Imperial, Versadoor Installation Details

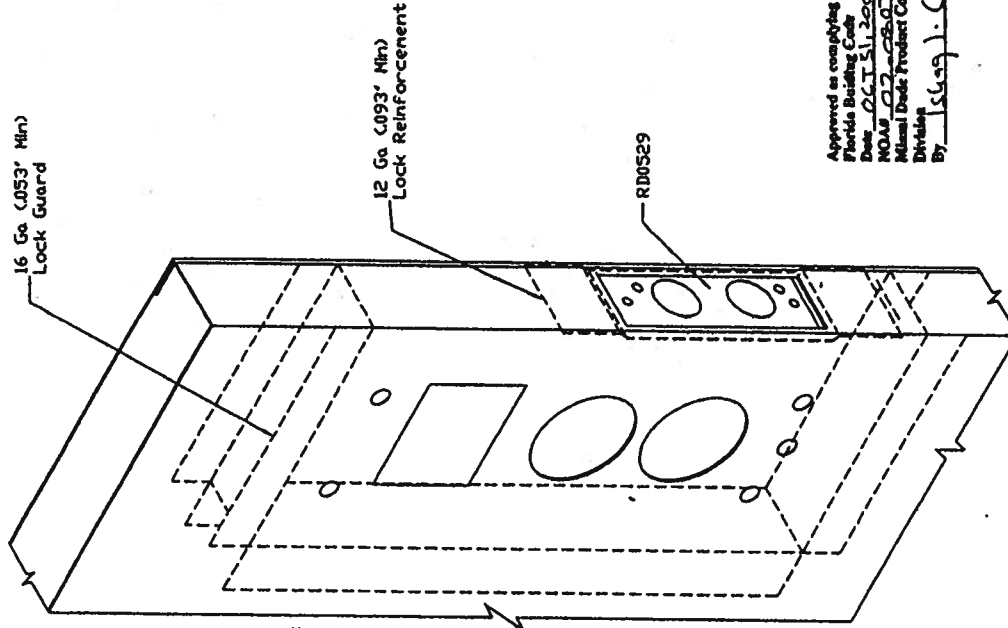
CECO DOOR PRODUCTS
Milan, Tennessee 38358



Schlage AL53PD



Saflok MT



Saflok Premier SL2500

Approved as complying with the
Florida Building Code
Date 06/11/11, 2002
NOAH 012-0280701
Miami Door Product Control
Division
By: (Signature)

MATERIAL SPECIFICATIONS:

Lock Reinforcement (Inswing Doors)
Regent, Omega, Imperial, Versadoor
Reinforcement Details

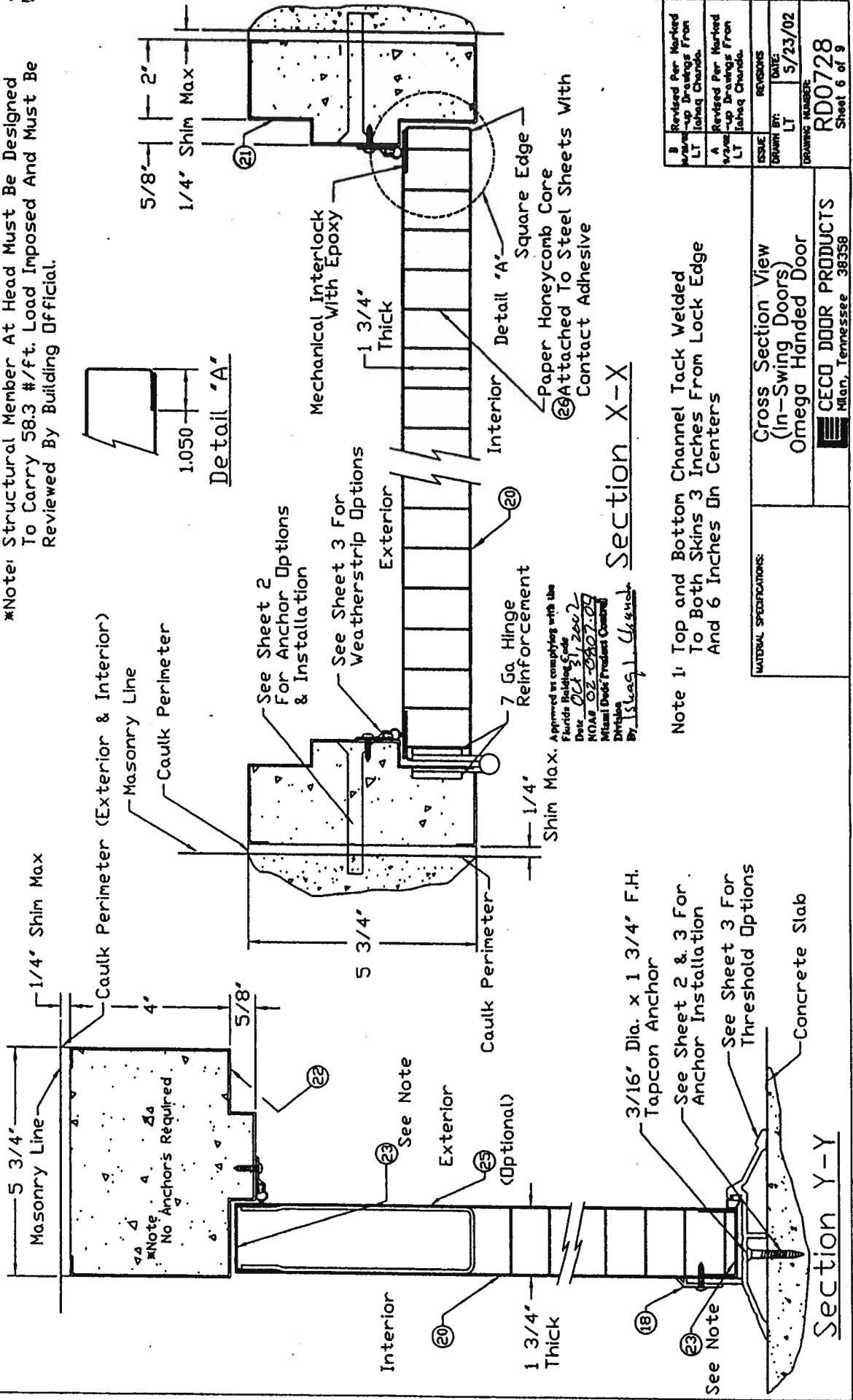
 CECO DOOR PRODUCTS
Milan, Tennessee 38358

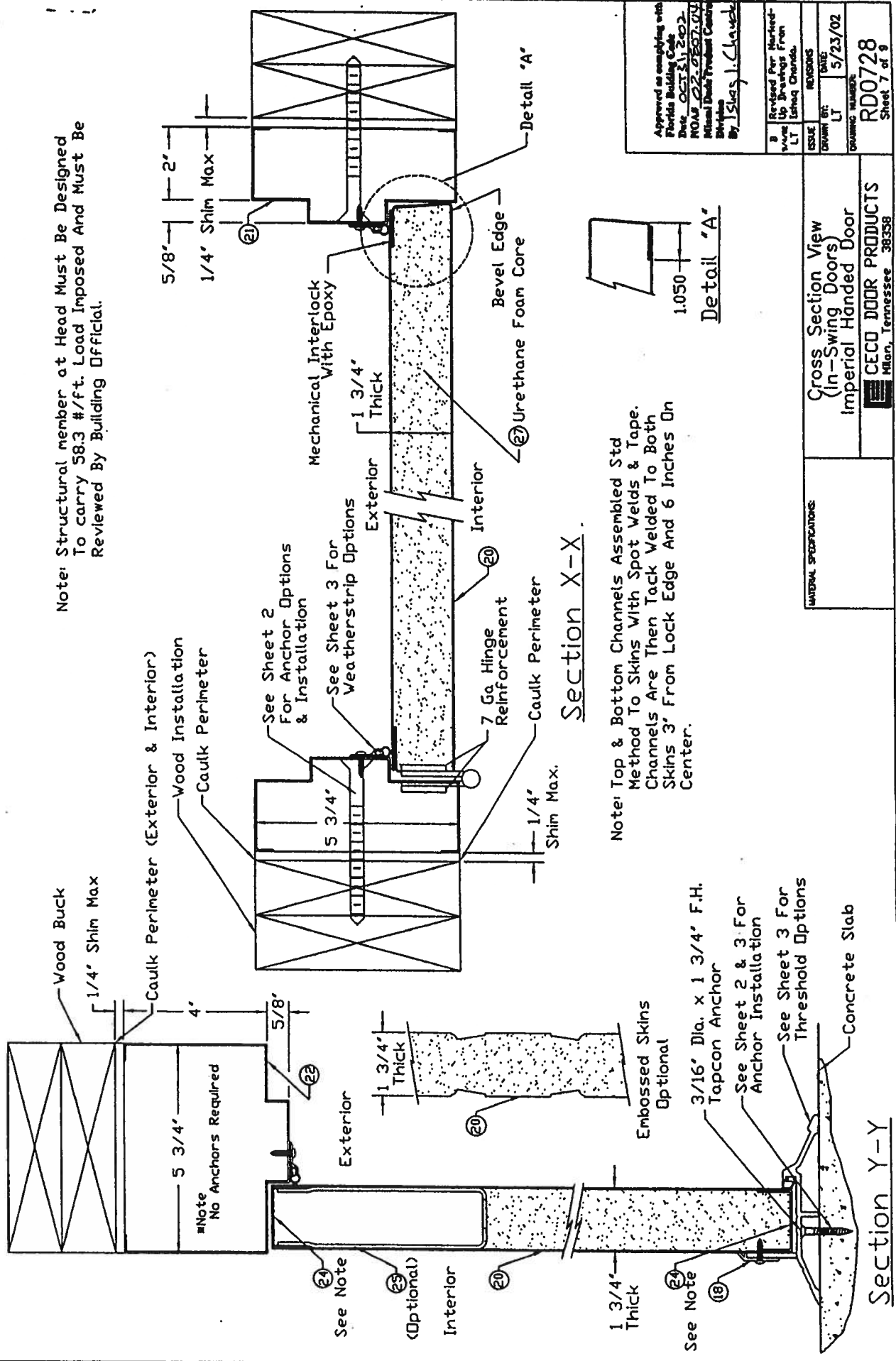
A 4/29/02 LT	Added RD0528, RD0529 & RD0530.	ISSUE LT	REVISIONS	
			DRAWN BY: LT	DATE: 5/28/02
			DRAWING NUMBER:	
			RD0728 Sheet 4 of 9	

RD0728
Sheet 5 of 9

RD0728
Sheet 5 of 9

*Note: Structural Member At Head Must Be Designed To Carry 58.3 #/ft. Load Imposed And Must Be Reviewed By Building Official.





Approved as complying with Florida Building Code	
Date	OCT 5, 2002
NOAA	02-0802-00
Minimal Data Product Control	
By: Slog 1.1.1.1	
8	Revised Per Marked-up
9	Up Drafts from
10	LT
11	REVISIONS
12	DATE
13	5/23/02
14	ISSUE
15	LT
16	ISSUE
17	5/23/02
18	ISSUE
19	5/23/02
20	ISSUE
21	5/23/02
22	ISSUE
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99	5/23/02
100	ISSUE

Cross Section View
(In-Swing Doors)
Imperial Handed Door

UNIVERSAL SPECIFICATIONS

CECO DOOR PRODUCTS
Milan, Tennessee 38358

RD0728
Sheet 7 of 9

[illegible]

Note: Top & Bottom Channels Assembled Std Method To Skins With Spot Welds & Tape. Channels Are Then Tack Welded To Both Skins 3" From Lock Edge And 6 Inches On Center.

WATERWAY NOTIFICATIONS:

Cross Section View
(In-Swing Doors)
Versadoor Handed Door

CECO DOOR PRODUCTS
Millan, Tennessee 38358

ISSUE	REVISIONS
DRAWN BY: LT	DATE: 5/23/02
DRAWING NUMBER:	

Sheet # of 9
RD0728
C NUMBER

Approved as complying with the
Florida Building Code
Date 01/21, 2002
MQAS 02-0807-04
Miami Dade Product Control
Distributes
By Shesl. Cignud.

■	Revised Per Marked- Up Drawings From LT Istiaq Chando.
---	--

1	Cylindrical Lock & Lock Reinforcement (RD0528)	Schlage	AL53PD
1A	Deadbolt (Optional) (1)	Schlage	B100
2	Dr Cylindrical Lock & Lock Reinforcement	Saflok	Premier SL2500
3	Dr Mortise Lock	Saflok	MT
4	Caulk	Dow Corning	899 Silicone Glazing Sealant
5	Threshold	Penko	2005AV36
6	Dr	Penko	181AV36
7	Weatherstrip	Penko	303AV3684
8	Hinge (Ball Bearing)	Hager or Equal Attached w/ (8) #12-24 x 1/2 MS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
9	Dr (Spring)	Hager or Equal Attached w/ (8) #12-24 x 1/2 MS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
10	Weatherstrip	Penko	S88
11	Frame Anchor	Masonry Tee (RD0057)	16 ga (.053' min) Galv Steel Fymin = 30ksi
12	Dr	Wire, Relaxed Dimension 9' x 8'	#7 (167' min) Galv Steel Wire (70,000 - 90,000 psi Tensile Strength)
13	Dr	Expansion Bolt	3/8' x 5' F.H. Rawl Lok/Bolt Dr 3/8' x 5' F.H. Ramset/RED Head
14	Dr	Wood Lag Screw	3/8' x 4-5/8'
15	Vlewer	Hager	1755
16	Dr	MAG Security	8724-C
17	Drip Cap/ Top	Penko	346
18	Sweep	Penko	315 N
19	Floor Anchor	Fixed Floor Anchor	16 ga (.053' min) galvanized Steel
20	Face Sheet A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	16 Ga (.053' min)
21	Series SF, Frame Jamb, Double Rabbit Profile, A60 Galv Conforming To ASTM A653	16 Ga (.053' min)	2' Face, 5-3/4' Depth Min. (RD0033)
22	Series SF, Frame Head, Double Rabbit, Profile	16 Ga (.053' min)	4' Face, 5-3/4' Depth Min. (RD0033)
23	Door Channels; Spot Welded To Bottom Skin	16 Ga (.053' min) A60 Galv Conforming To ASTM A653	16 ga (.053' min) x 1' x 1-3/4' x 1'
24	Glued To Top Skin; Tack Welded To Both	16 Ga (.053' min) A60 Galv Conforming To ASTM A653	16 ga (.053' min) x 1' x 1-3/4' x 1'
25	Taped To Top Skin; Tack Welded To Both	16 Ga (.053' min) A60 Galv Conforming To ASTM A653	12 ga (.093' min) x 5-3/8' x 16'
26	Closer Reinforcement (Optional)	12 Ga (.093' min) CS Type B	1.2' Nominal Cell Size
27	Honeycomb Core	Non-impregnated Kraft Paper (C)	2 lb/ft ³ Density
28	Urethane Core	Foam Enterprises	

Approved as complying with the
Florida Building Code
Date: 01/11/2002
NOAR: 22-0807-09
Miami Dade Permit Control
Division
By: LS/eq J. Chanda

B	Revised Per Marked- 10/10/02 Up Drawings From LT	LT	DATE: 5/28/02
A	Revised Per Marked- 9/4/02 Up Drawings From LT	LT	DRAWING NUMBER: RD0728 Sheet 9 of 9
ISSUE	REVISIONS		

MATERIAL SPECIFICATIONS:

3-0 x 7-0 Series

In-Swing Bill Of Materials

 CECO DOOR PRODUCTS
Milan, Tennessee 38358

RD0728
Sheet 9 of 9



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Ceco Door Products
9159 Telecom Drive
Milan, TN 38358**

out swing

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Regent" & "Omega" 18 ga. 3⁰-7⁰ Outswing Commercial Steel Door

APPROVAL DOCUMENT: Drawing No. RD0087, titled "3-0 x 7-0 Series", sheets 1 through 7 of 7, dated 5/30/97 with revision C dated 2/24/00, prepared by the manufacturer, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: 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", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

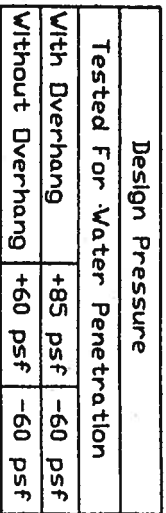
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 00-0315.03 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 03-0411.01
Expiration Date August 14, 2008
Approval Date: May 15, 2003
Page 1**

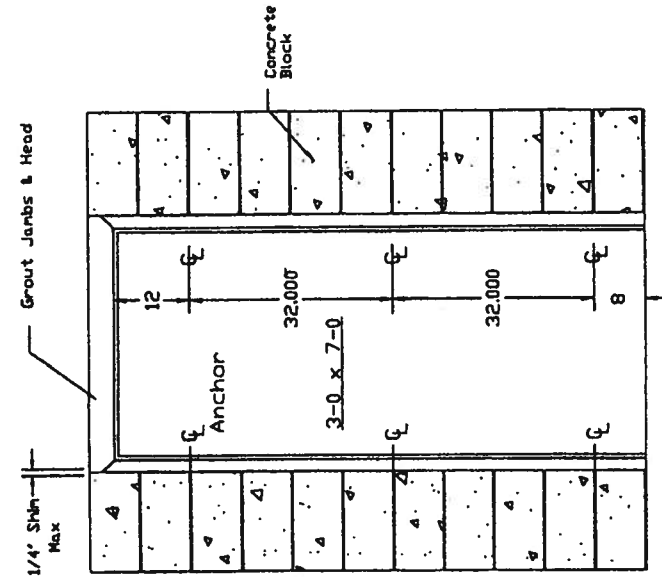


	Dim 'A'	Dim 'B'
3/4" Undercut	83 1/8	3/4
3/8" Undercut	83 1/2	3/8

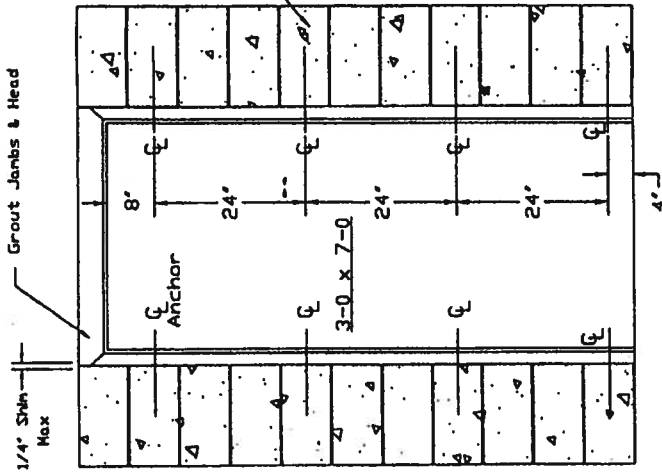
APPROVED AS COMPLIANT WITH THE SOUTH FLORIDA BUILDING CODE DATE <u>June 08 2008</u> BY <u>Michael Ellis</u> PRODUCT COMPLIANT DIV 5 ON BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. <u>00-0315-03</u>	2/24/08 C R	Revised Formlet, Transferred Information from NDA	0 R	Initiated by: <u>Dr. Dandrea</u>
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ISSUE	REVISIONS	
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DRAWING NUMBER:		

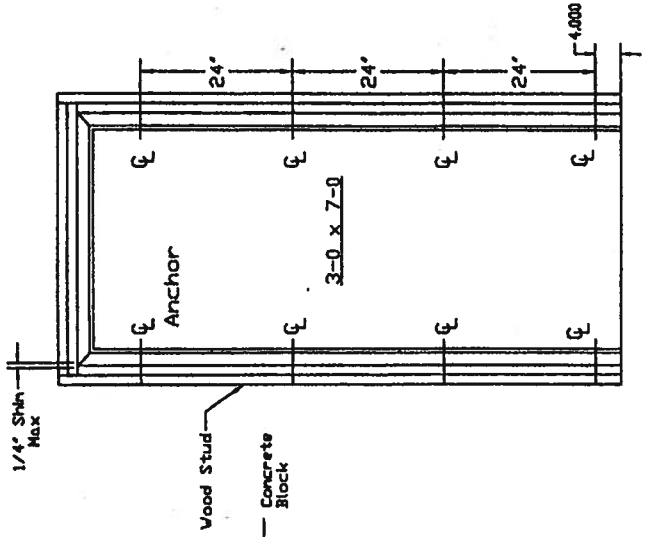
RD0087
Sheet 1 of 7



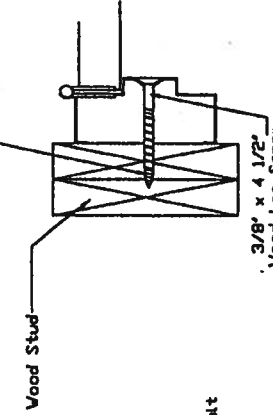
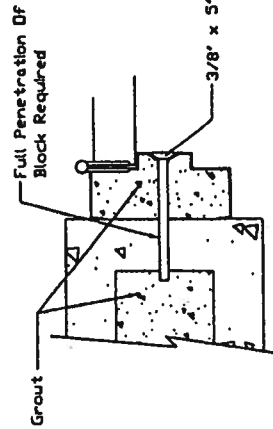
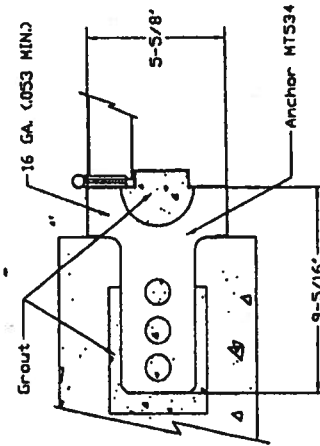
Masonry 'T' Anchor



Existing Opening Anchor Into Block



Existing Opening Anchor Into Wood Stud



NOTES:
1. SEE SHEET 7 FOR BILL OF MATERIALS

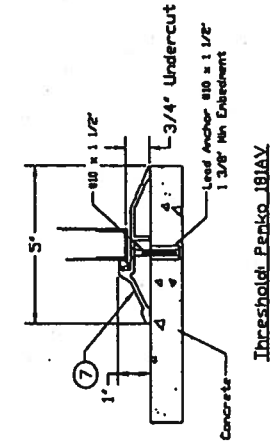
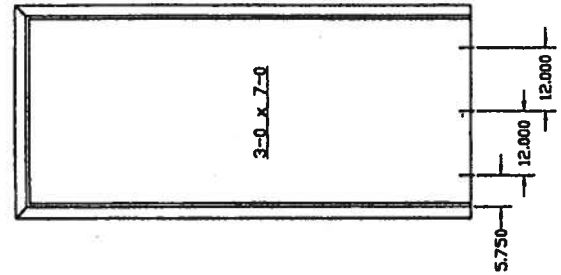
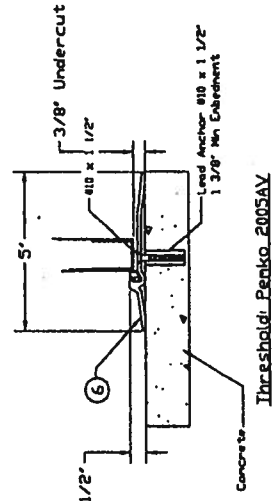
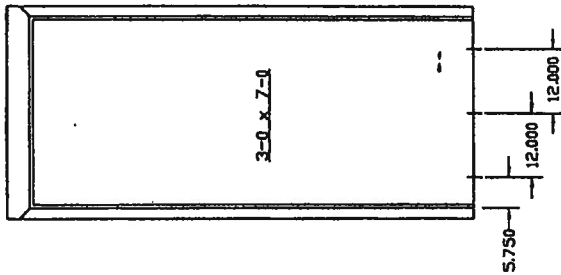
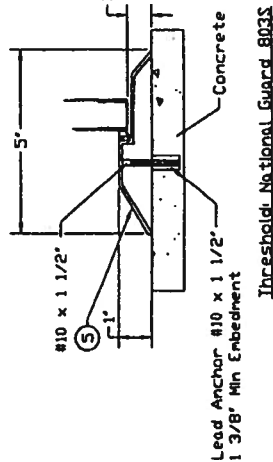
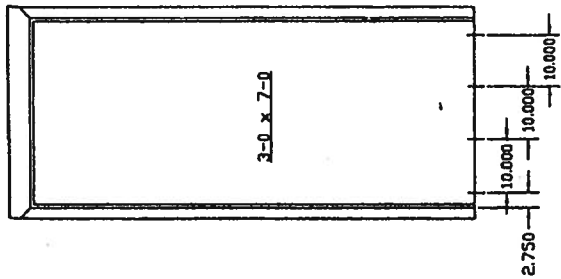
MATERIAL SPECIFICATIONS:

Frame Anchor
Installation Details
CECO DOOR PRODUCTS
Millen, Tennessee 38358

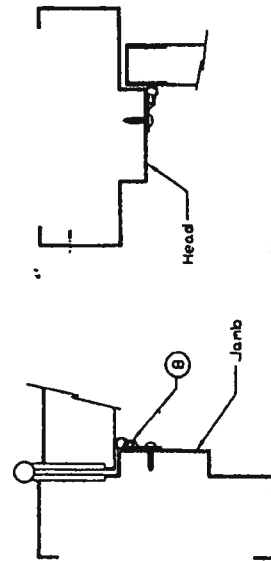
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-041(D)
Expiration Date 03/15/08
By *Shawmut*
Miami/Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *June 08, 2008*
BY *Shawmut*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315-03

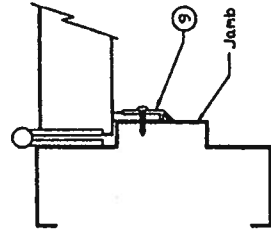
7/22/07	7/22/07	7/22/07	7/22/07
ISSUE	ISSUE	ISSUE	ISSUE
REVISIONS	REVISIONS	REVISIONS	REVISIONS
DRAWN BY: GWS	DRAWN BY: GWS	DRAWN BY: GWS	DRAWN BY: GWS
DATE: 5/30/97	DATE: 5/30/97	DATE: 5/30/97	DATE: 5/30/97
DRAWING NUMBER: RD00087	DRAWING NUMBER: RD00087	DRAWING NUMBER: RD00087	DRAWING NUMBER: RD00087
Sheet 2 of 7	Sheet 2 of 7	Sheet 2 of 7	Sheet 2 of 7



NOTE: 1. All thresholds shown are made from extruded aluminum with slide-in vinyl weatherstrip insert.



NOTE:
2. LOCATION: ALONG THE ENTIRE HEAD AND JAMB PERIMETER, ATTACHED WITH THIRTY FOUR (34) #8 X 3/4" PPH SNS SPACED AT 6" O/C.



NOTE:
3. LOCATION: ALONG THE ENTIRE HEAD AND JAMB PERIMETER, ATTACHED WITH THIRTY FOUR (34) #8 X 3/4" PPH SNS SPACED AT 6" O/C.

MATERIAL SPECIFICATIONS:

Threshold & Weatherstrip Installation details

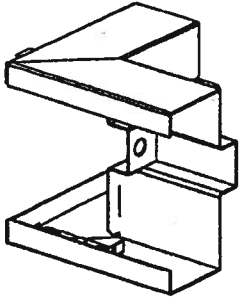
NOTE: 4. See Sheet 7 For Bill of Material

CECO DOOR PRODUCTS
Millen, Tennessee 38458

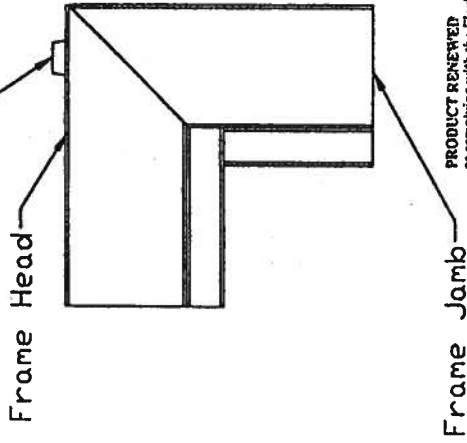
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-041-DJ
Expiration Date 08/16/2008
By *Michael J. Davis*
Miami/Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *June 08, 2000*
BY: *Michael J. Davis*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315-03

7/25/97	Revised Format, Transferred Information from NDA
7/25/97	Revised Sheet Number
ISSUE	REVISIONS
DRAWN BY: GWS	DATE: 5/30/97
RD0087	
Sheet 3 of 7	

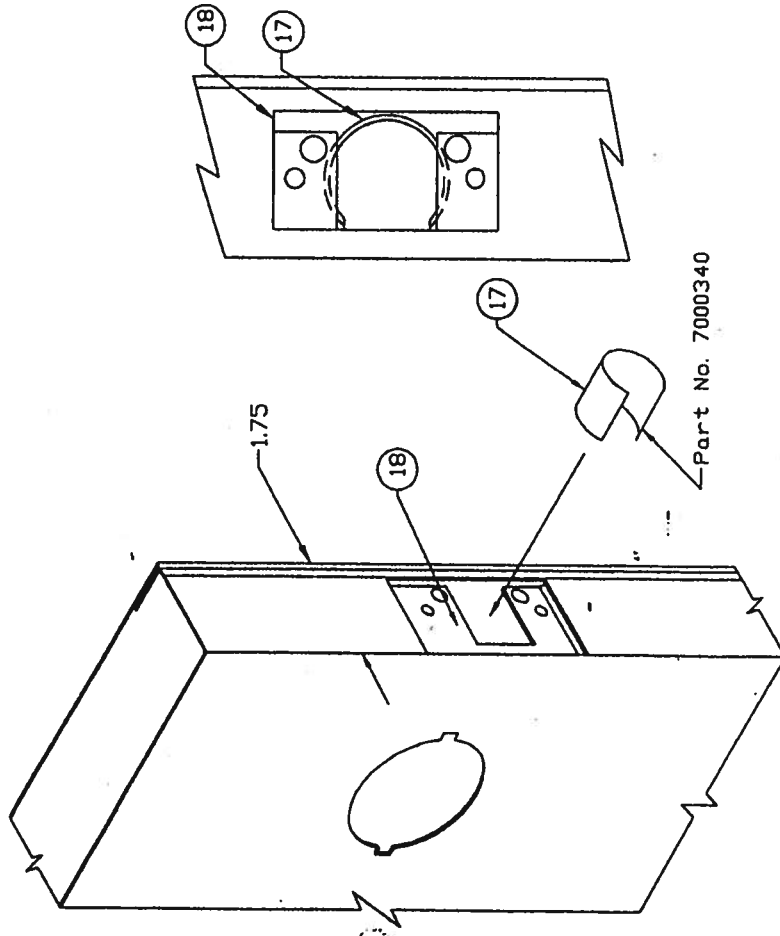
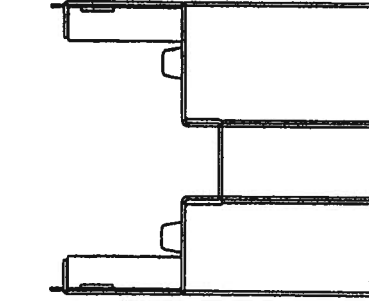


Interlocking Fold Over Tab



Frame Head

Frame Jamb



1.75

Part No. 7000340

Note: 1. For Cylindrical Lock Only
2. See Sheet 7 For Bill Of Material

MATERIAL SPECIFICATIONS:

Cylindrical Lock Reinforcement
and "SF" Series Frame Corner
Installation Details

 CECO DOOR PRODUCTS
Milan, Tennessee 38358

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-041-01
Expiration Date AUG 13 2008
By *Manuel Diaz*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *June 08 2000*
BY *Manuel Diaz*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-03A-03

B	Revised Format, Transferred
2/3	Information from NOA
A	Revised Sheet Number
7/20	Revised Sheet Number
ISSUE	REVISIONS
DRAWN BY: GWS	DATE: 6/06/97
DRAWING NUMBER: RD0087	

5.75 MIN.
DEPTH

Masonry Line

No Anchors Required

Caulk Perimeter
(Exterior & Interior)

1/4" Shim Max

Masonry Line

Caulk Perimeter

1.75

See Sheet 3 For Weatherstrip Options

See Sheet 2 For Anchor Options

1.75

Caulk Perimeter

1/4" Shim Max

15

11

13

See Sheet 3 For Threshold Options

Concrete Slab

Section Y-Y

20

22

Bevel Edge

5.75 MIN.
DEPTH

13

Mechanical Interlock

14

Section X-X

1/4" Shim Max

Note: See Sheet 7 For Bill Of Material

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE June 08, 2000
BY Michael Davis
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315.03

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 03-0411.01
Expiration Date 06-13-2008
By Michael Davis
Minimal Risk Product Control
Division

7/22/97
ISSUE
DATE
REVISED
Revised Format, Transferred
Information from NDA
Revised Sheet Number

ISSUE
DATE
REVISED
DRAWN BY: GWS
DATE: 5/30/97

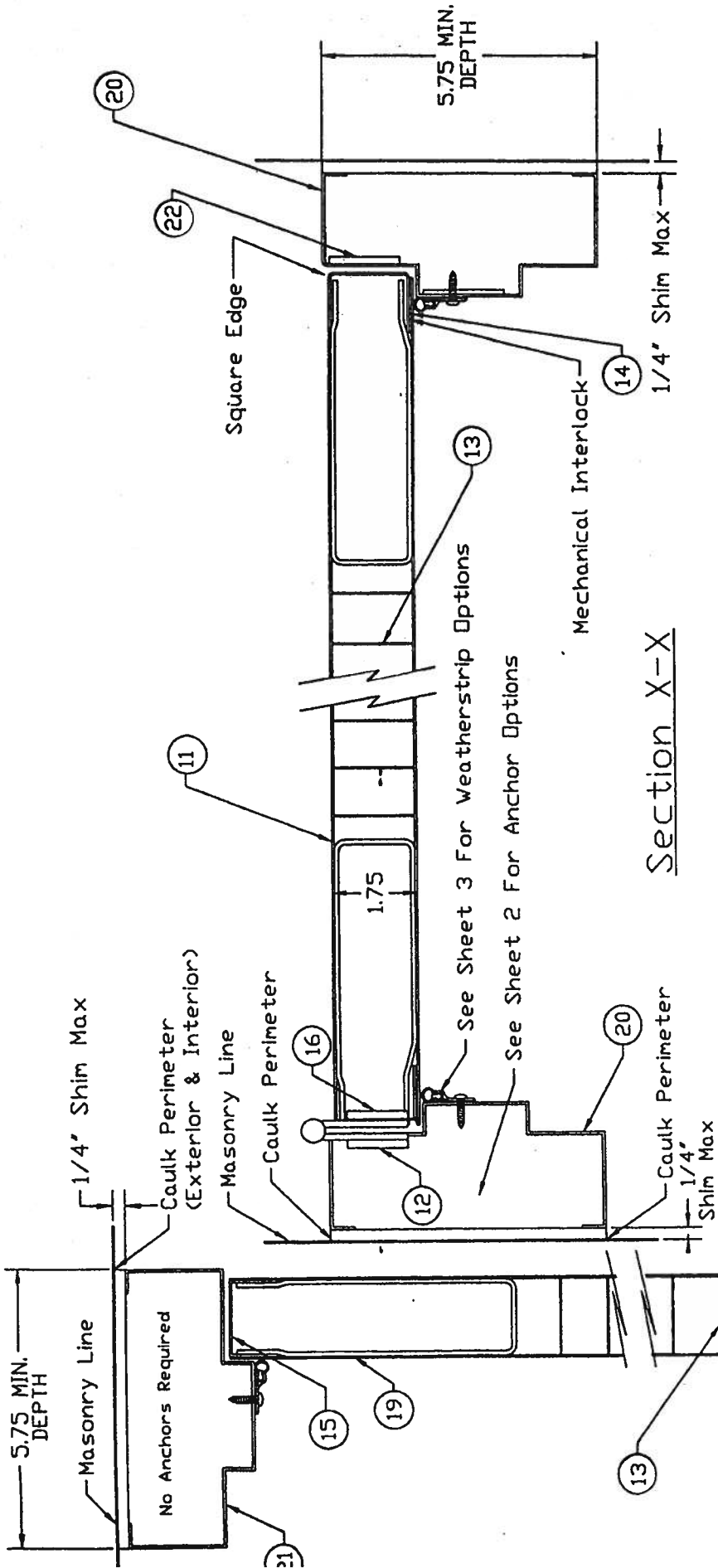
DRAWING NUMBER:
RD0087
Sheet 5 of 7

MATERIAL SPECIFICATIONS:

Cross Section View

Regent Door

CECO DOOR PRODUCTS
Milan, Tennessee 38358



Section X-X

Note: See Sheet 7 For Bill Of Material

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	
DATE: <u>Sept 09 2000</u>	BY: <u>[Signature]</u>
PRODUCT CONTROL DIV'S ON BUILDING CODE COMPLIANCE OFFICE	
ACCEPTANCE NO. <u>20-0341-03</u>	
REVISIONS	ISSUE
DATE: <u>5/30/97</u>	ISSUE
DRAWN BY: <u>GWS</u>	ISSUE
DRAWING NUMBER: <u>RD0087</u>	
Sheet 6 of 7	

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 03-041-01 Expiration Date 03-15-2008 By: [Signature] At: Atal Asia Product Control Division

Section Y-Y

Concrete Slab

MATERIAL SPECIFICATIONS:	Cross Section View
	Omega Door
	CECO DOOR PRODUCTS
	Milan, Tennessee 38358

ITEM	QTY	DESCRIPTION	MATERIAL	SIZE
1	1	SCHLAGE SERIES A53PD GRADE 2, LATCH LOCK, SINGLE LEVER OR KNOB OPERATED		
2	1	HARKS SERIES 170AB GRADE 2, LATCH LOCK, INSIDE/OUTSIDE LEVER OPERATED		
3	1	YALE SERIES AUSA3070 GRADE 2 LATCH LOCK, SINGLE LEVER OR KNOB OPERATED		
4	1	CAULK FOR INSTALLATION AND WEATHERSTRIP ADAPTER SCREWS FRAME PERIMETER (INSIDE & OUT) AND FRAME SILL CORNERS	GE SILICONE HOUSEHOLD SEALANT	
5	1	NATIONAL GUARD #803S		
6	1	PEMKO #2005AV		
7	1	PEMKO #181AV		
8	1 ROW	PEMKO #303AS HIGH SURFACE APPLIED EXTRUDED ALUMINUM WEATHERSTRIP ADAPTER WITH A SILICON (TND) BULB INSERT		
9	1 ROW	NATIONAL GUARD #130NA 1-1/4" WIDE X 0.188" SURFACE APPLIED EXTRUDED ALUMINUM WEATHERSTRIP ADAPT. WITH A FOAM INSERT EACH ATTACHED WITH EIGHT #12-24 X 1/2" FH HS		
10	3	HAGAR #B1279, 4-1/2" X 4-1/2" X .0134" THICK STEEL HINGE		
11	1	FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A568	COMMERCIAL QUALITY COLD ROLLED STEEL MINIMUM YIELD STR. OF FY=36,000 PSD	18 GAUGE .0482" MIN. THICK 1-1/4" X 9" X 7 GA.
12	3	HINGE REINFORCING PLATE, PLATE SPOT WELDED TO FRAME JAMB AT EACH HINGE LOCATION	STEEL	
13	1	CORE FULL HONEYCOMB CORE PERMANENTLY BONDED TO THE INSIDE OF EACH FACE SKIN WITH NON-FLAMMABLE ADHESIVE	PHENOLIC RESIN-IMPREGNATED KRAFT PAPER	1-1/8" CELL
14	1	DENTLEX 3500 STRUCTURAL ADHESIVE EPOXY		
15	1	ROLL FORMED STEEL CHANNEL ON THE TOP AND BOTTOM OF THE DOOR SPOT WELDED TO EXTERIOR AND GLUED TO INTERIOR SKIN		1" X 1-3/4" X 1" X 16 GA. C053" MIN
16	3	DOOR HINGE REINFORCEMENT	28 GA. GALV.	1-1/4" X 9" X 7 GA.
17	1	DOOR LATCH REINFORCEMENT	STEEL	.015" THICK X 1.313 INSIDE DIAMETER
18	1	DOOR LOCK REINFORCEMENT	STEEL	12 GA. C093"
19	1	DOOR CLOSER REINFORCEMENT, ROLLED FORM CHANNELS TACK WELDED TO DOOR END CHANNELS		
20	2	SERIES "SF", FRAME JAMB, DOUBLE RABBIT PROFILE FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A653	16 GA. C053" MIN) STEEL	2" FACE, 5-3/4" DEPTH MIN.
21	1	SERIES "SF", FRAME HEAD, DOUBLE RABBIT PROFILE FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A653	16 GA. C053" MIN) STEEL	2" FACE, 5-3/4" DEPTH MIN.
22	1	JAMB LOCK STRIKE REINFORCING PLATE	STEEL	1-1/8" X 2-1/2" X 12 GA.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE

DATE: June 08, 2000

BY: M. M. M. M.

PRODUCT COMPLIANCE DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 00-03 AT. 03

PRODUCT RENEWED as complying with the Florida Building Code

Acceptance No. 0304101

Expiration Date 01/01/2008

M. M. M. M.

Florida State Technical Council

2/21/00 A 7/22/97 GWS	Revised Format, Transferred Information from NCA Revised Sheet Number REVISIONS	DRAWN BY: GWS DATE: 6/02/97	DRAWING NUMBER: RD0087 Sheet 7 of 7
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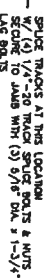
MATERIAL SPECIFICATIONS:

3-0 x 7-0 Series

Bill Of Materials

CECO DOOR PRODUCTS
 Milon, Tennessee 38358

TEST No. S9C-580-011 ON OCTOBER 12, 1985 INCLUDED GLASS WINDOWS IN THE DOOR BEING USED. THE TEST PRESSURES WERE 44.4 PSF AND -54.7 PSF. BY COMPARISON, FOUR (4) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF THE 8' X 7' AND 8' X 8' MODEL 600 AND 850 DOORS.



MAY 17 2001

Building & Design Inspection Unit, Jacksonville, FL

Examiner's Signature
License Number

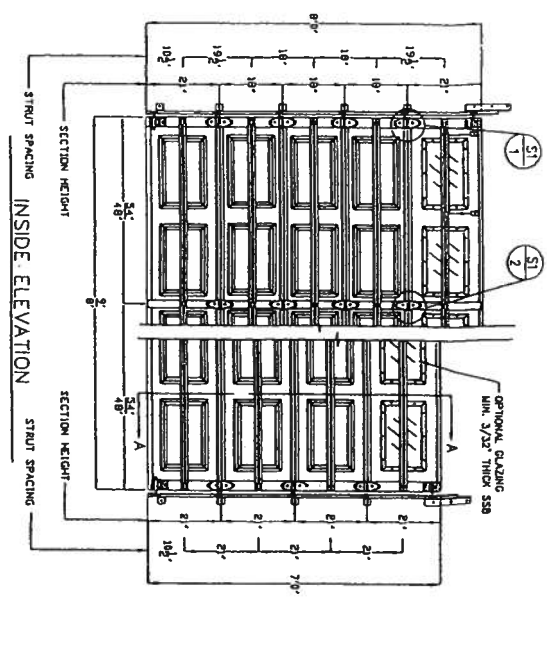
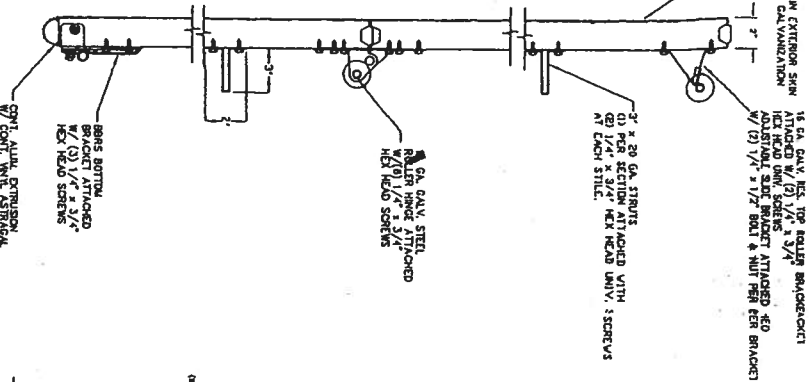
JAMES BRINKLEY LOCATIONS					
A	B	C	D	E	S
6'-6"	4' 21-1/2"	39'	57'		70'
7'-0"	4' 21-1/2"	42'	63'		76'
7'-6"	4' 18"	36'	54'		82'
8'-0"	4' 21-1/2"	39'	57'		88'

TRACK CONFIGURATION FOR 6'6" UP TO 8' TALL DOORS

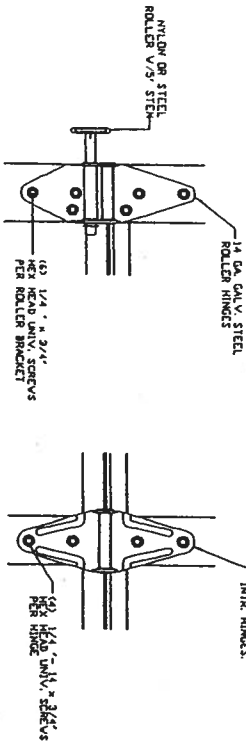
[illegible]

WOOD JAMB ATTACHMENT TO STRUCTURE
RATED FOR 110 MPH FASTEST-WALK BASIC WIND SPEEDS

RATED FOR 110 MPH FASTEST-MILE BASIC TWO SPINDS

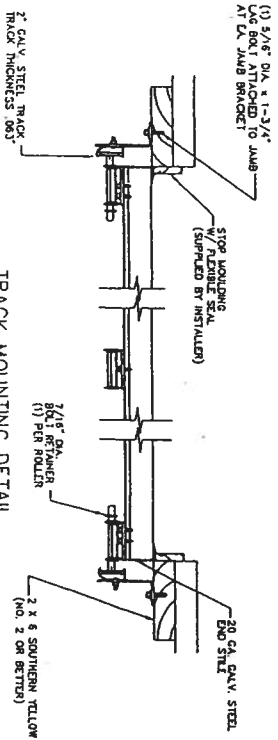
[illegible]

18 GA. GALV. STEEL
1870 UNITS



TYP. ROLLER BRACKET	S1
N.T.S.	1

TYP. HINGE CONNECTION
N.T.S.



TRACK MOUNTING DETAIL

- 2 X 6 SOUTHERN YELLOW PINE
(NO. 2 OR BETTER)

[illegible]



Architectural Testing

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

Rendered to:

MI HOME PRODUCTS, INC.

**SERIES/MODEL: 480/680/880 Drop-in
PRODUCT TYPE: Aluminum Horizontal
Sliding Window (XO-Fin)**

Title	Results	
	Test Specimen #1	Test Specimen #2
Rating	HS-C30 71 x 71	HS-C40 71 x 59
Operating Force	11 lbf max.	14 lbf max.
Air Infiltration	0.11 cfm/ft ²	0.09 cfm/ft ²
Water Resistance Test Pressure	5.3 psf	6.0 psf
Uniform Load Deflection Test Pressure	± 30.0 psf	+ 45.0 psf -47.2 psf
Uniform Structural Load Test Pressure	± 45.0 psf	+ 67.5 psf -70.8 psf
Forced Entry Resistance	Grade 10	Grade 10

Reference should be made to ATI Report Identification No. 01-47320.03 for complete test specimen description and data.

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



Architectural Testing

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

Rendered to:

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

ATI Report Identification No.: 01-47320.03

Test Dates: 10/07/03

Through: 10/08/03

And: 12/01/03

And: 12/15/03

And: 03/17/04

Report Date: 04/16/04

Expiration Date: 10/07/07

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness testing on two Series/Model 480/680/880 Drop-in, aluminum horizontal sliding windows at MI Home Products, Inc. test facility in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for the following ratings: Test Specimen #1: HS-C30 71 x 71; Test Specimen #2: HS-C40 71 x 59. Test specimen description and results are reported herein.

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

Test Specimen Description:

Series/Model: 480/680/880 Drop-in

Product Type: Aluminum Horizontal Sliding Window (XO Fin)

Test Specimen #1: HS-C30 71 x 71

Overall Size: 5' 11-7/16" wide by 5' 11" high

Active Sash Size: 2' 11-5/8" wide by 5' 8-3/8" high

Fixed Daylight Opening Size: 2' 8-3/16" wide by 5' 5-5/8" high

Screen Size: 2' 10" wide by 5' 6-1/2" high



Architectural Testing

01-47320.03

Page 2 of 7

Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.250" high by 0.187" backed polypile with center fin	1 Row	Active sash top and bottom rails and fixed meeting rail interlock
0.250" high by 0.187" backed polypile with center fin	2 Rows	Jamb stile

Test Specimen #2: HS-C40 71 x 59

Overall Size: 5' 11-3/8" wide by 4' 11-1/8" high

Active Sash Size: 2' 11-5/8" wide by 4' 8-1/4" high

Fixed Daylight Opening Size: 2' 8-1/4" wide by 4' 5-7/8" high

Screen Size: 2' 10-1/4" wide by 4' 7-1/8" high

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.310" high by 0.187" backed polypile with center fin	1 Row	Active sash top and bottom rails
0.250" high by 0.187" backed polypile with center fin	1 Rows	Fixed meeting rail interlock
0.310" high by 0.187" backed polypile with center fin	2 Rows	Jamb stile
0.550" high by 1" by 1" backed polypile pad	1 Pad	Corner of bottom rail and locking stile



Architectural Testing

01-47320.03

Page 3 of 7

Test Specimen Description: (Continued)

The following descriptions apply to all specimens.

Finish: All aluminum was white.

Glazing Details: The window utilized 5/8" thick sealed insulating glass constructed from two sheets of 1/8" thick clear annealed glass and a Swiggle spacer system. The lites were interior glazed onto double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

Frame Construction: The frame was constructed of thermally broken extruded aluminum. The corners were secured utilizing three #8 x 1" screws per corner through the jambs into the head and sill screw bosses. End caps were utilized on the ends of the fixed meeting rails and secured with two #8 x 3/4" screws per cap. The meeting rails were then secured to the frame with two #8 x 3/4" screws.

Sash Construction: The sash was constructed of thermally broken extruded aluminum. The corners were secured utilizing one #8 x 1" screw per corner through the head and sill into the jambs screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible vinyl spline.

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Cam lock	1	One midspan of active panel with integral lock keeper on fixed meeting stile
Roller assembly	2	One each end of bottom rail
Screen constant force spring	2	5" from rails on screen stiles
Screen lift handles	2	5" from rails on screen stiles

Drainage:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
1-1/4" long by 1/4" wide weepslot with cover	2	3-1/2" from jambs on sill face
1/2" long by 1/8" wide weepslot	2	2" from jambs on sill track

Reinforcement: No reinforcement was utilized.

Installation: The window was installed into a #2 Spruce-Pine-Fir wood buck. The window was secured utilizing #8 x 1-5/8" drywall screws located in corners and 12" on center around nail-fin perimeter. Silicone was utilized around the exterior perimeter.



Architectural Testing

01-47320.03

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Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> HS-C30 71 x 71			
2.2.2.5.1	Operating Force	11 lbf	25 lbf max.
2.1.2	Air Infiltration per ASTM E 283 1.57 psf (25 mph)	0.11 cfm/ft ²	0.3 cfm/ft ² max.
<i>Note #1: The tested specimen meets the performance levels specified in ANSI/AAMA/NWDA 101/I.S. 2-97 for air infiltration.</i>			
2.1.3	Water Resistance per ASTM E 547-00 (with and without screen) 4.50 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the meeting stile) (Loads were held for 52 seconds) 30.0 psf (positive) 30.0 psf (negative)	0.75" 0.71"	See Note #2 See Note #2
<i>Note #2: The Uniform Load Deflection test is not requirement of ANSI/AAMA/NWDA 101/I.S.2-97 for this product designation. The deflection data is recorded in this report for special code compliance and information only.</i>			
2.1.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the meeting stile) (Loads were held for 10 seconds) 45.0 psf (positive) 45.0 psf (negative)	0.13" <0.01"	0.26" max. 0.26" max.
2.2.2.5.2	Deglazing Test per ASTM E 987 In operating direction - 70 lbs Handle stile Lock stile	 0.13"/25% 0.19"/38%	 0.50"/100% 0.50"/100%
	In remaining direction - 50 lbs Top rail Bottom rail	 0.09"/19% 0.06"/13%	 0.50"/100% 0.50"/100%



Architectural Testing

01-47320.03

Page 5 of 7

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> HS-C30 71 x 71 (Continued)			
2.1.8	Forced Entry Resistance per ASTM F 588		
Type: A	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
<u>Optional Performance</u>			
4.3	Water Resistance per ASTM E 547-00 (with and without screen) 5.3 psf	No leakage	No leakage
<u>Test Specimen #2:</u> HS-C40 71 x 59			
2.2.2.5.1	Operating Force	14 lbf	25 lbf max.
2.1.2	Air Infiltration per ASTM E 283 1.57 psf (25 mph)	0.09 cfm/ft ²	0.3 cfm/ft ² max.
<i>Note #1: The tested specimen meets the performance levels specified in ANSI/AAMA/NWDA 101/I.S. 2-97 for air infiltration.</i>			
2.1.3	Water Resistance per ASTM E 547-00 (with and without screen) 4.50 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the meeting stile) (Loads were held for 52 seconds) 30.0 psf (positive) 30.0 psf (negative)	0.62" 0.51"	See Note #2 See Note #2
2.1.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the meeting stile) (Loads were held for 10 seconds) 45.0 psf (positive) 45.0 psf (negative)	0.03" 0.04"	0.21" max. 0.21" max.



Architectural Testing

01-47320.03
Page 6 of 7

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #2:</u> HS-C40 71 x 59 (Continued)			
2.2.2.5.2	Deglazing Test per ASTM E 987 In operating direction - 70 lbs		
	Handle stile	0.13"/25%	0.50"/100%
	Lock stile	0.13"/25%	0.50"/100%
	In remaining direction - 50 lbs		
	Top rail	0.03"/6%	0.50"/100%
	Bottom rail	0.03"/6%	0.50"/100%
2.1.8	Forced Entry Resistance per ASTM F 588		
	Type: A	Grade: 10	
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
<u>Optional Performance</u>			
4.3	Water Resistance per ASTM E 547-00 (with and without screen) 6.0 psf	No leakage	No leakage
4.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the meeting stile) (Loads were held for 52 seconds) 45.0 psf (positive) 47.2 psf (negative)	0.62" 0.54"	See Note #2 See Note #2
4.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the meeting stile) (Loads were held for 10 seconds) 67.5 psf (positive) 70.8 psf (negative)	0.04" 0.08"	0.21" max. 0.21" max.

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 from the original test date. 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. This report may not be reproduced except in full without approval of Architectural Testing.

For ARCHITECTURAL TESTING, INC.



Digitally Signed by: Eric Westphal

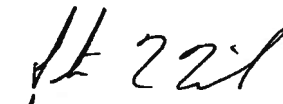
Eric Westphal
Technician

EW:dme
01-47320.03



Digitally Signed by: Steven M. Urich

Steven M. Urich, P. E.
Senior Project Engineer


APRIL 20, 2004

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 3/7/06

2775 SW Delme Crt. Lake City, FL 32024
(Address of Treatment or Lot/Block of Treatment) 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.)

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:1SUY215-Z0724120553

Truss Fabricator: W.B. Howland
Job Identification: 2960-/Kuiken & Carusso Addition /J.L. DUPREE -- LAKE CITY, FL
Truss Count: 4
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Details: A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	09979--	A1GE 31' Gable	06054085	02/23/06
2	09980--	A2 31' Special	06054086	02/23/06
3	09981--	A3 31' Special	06054087	02/23/06
4	09982--	A4G (2-PLY) 7'6"	06054088	02/23/06

Seal Date: 02/24/2006

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

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISUY215-Z0724120553

Truss Fabricator: W.B. Howland
Job Identification: 2960-/Kuiken & Carusso Addition /J.L. DUPREE -- LAKE CITY, FL
Truss Count: 1
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 02/24/2006

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	09982-A4G	(2-PLY) 7'6"	06054088	02/23/06

ALPINE



(2960-/Kuiken & Carusso Addition /J.L. DUPREE -- LAKE CITY, FL - AIGE 31' Gable)

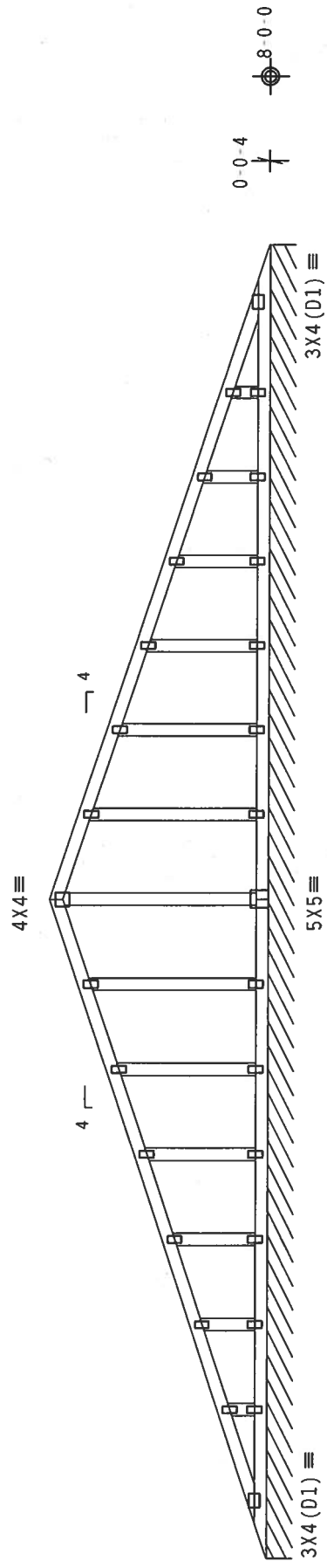
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Plates sized for a minimum of 3.00 sq.in./piece.

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 5-2-4.



R-81 PLF U-19 PLF W-31-0-0

31-0-0 Over Continuous Support

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

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

7.24.1230.16

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

Scale = .25" / Ft.

 ALPINE 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, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (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 MDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W-H/5/K) ASTM A653 GRADE 40/60 (M. K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		REF	R215--	9979
		DATE	02/23/06		
		TC LL	20.0	PSF	
		BC LL	0.0	PSF	
		TOT.LD.	40.0	PSF	
	DUR.FAC.	1.25			
	SPACING	24.0"			
	FROM	CDM			
	JREF	1SU0215_Z07			

(2960-/Kuiken & Carusso Addition /J.L. DUPREE -- LAKE CITY, FL - A2 31' Special)

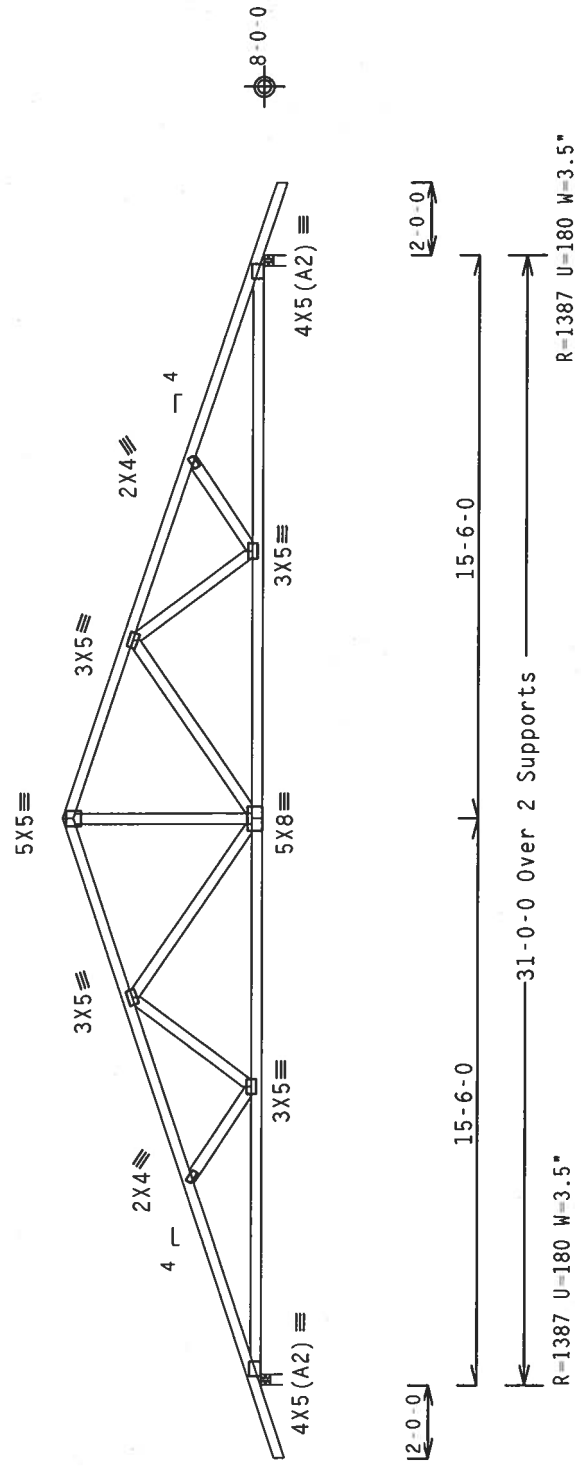
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 5-5-15.



Design Crit: TPI-2002(STD)/FBC

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

7.24.1230

Scale = .1875"/Ft.

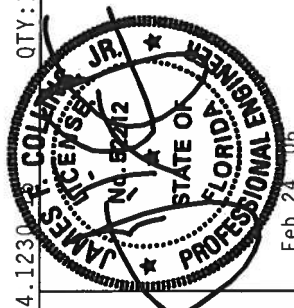
PLT TYP. Wave\R

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., SUITE 200, MADISON, WI 53719, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., SUITE 200, 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 20/18/16GA (W/H/5/K) ASTM A653 GRADE 40/60 (N. K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER'S DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



JAMES P. COLLINS, JR.
LICENSED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 82412
Feb 24 '06

TC LL	20.0 PSF	REF	R215--	9980
TC DL	10.0 PSF	DATE	02/23/06	
BC DL	10.0 PSF	DRW	HCUSR215	06054086
BC LL	0.0 PSF	HC-ENG	EC/WHK	*
TOT.LD.	40.0 PSF	SEQN-	107792	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SUY215	Z07

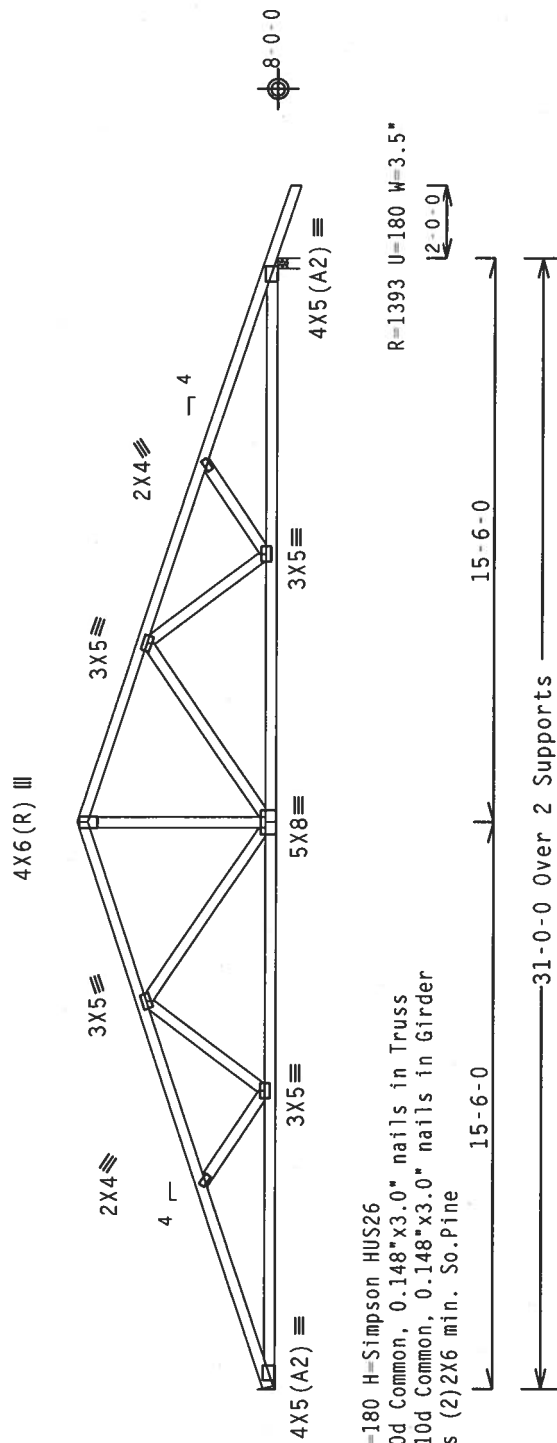
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, 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/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 5-5-15.



R=1251 U=180 H=Simpson HUS26

w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

PLT TYP. Wave\R

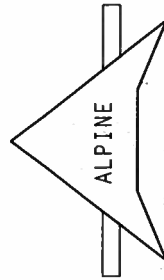
Design Crit: TPI-2002(STD)/FBC

$$Cq/RT = 1.00(1.25)/10(0) \quad 7.24.1230.16$$

Scale = .1875"/Ft.

[illegible]

****IMPORTANT:** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & ARCHITECTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN CONFORMANCE WITH TP1 OR BRACING OF TRUSSES IN CONFORMANCE WITH TP1 (TP1 AND TP2) SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. CONECTOR PLATES ARE MADE OF 2018/16GA IN W/4% ASTM A510 GRADE 40/50. ALL STEEL PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11-2002 SEC-3. CONECTOR PLATES ARE NOT TO BE USED AS A SUBSTITUTE FOR PROFESSIONAL ENGINEERING RESPONSIBILITY. THE DESIGN SHOWN CANNOT BE USED FOR THIS CONNER FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER/ARCHITECT/ENGINEER. SEE ANNEX A OF TP11-2002 SEC-2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Haines City, FL 33844
Fl. Certificate of Authorization # 567

TC LL	20.0	PSF	REF	R215 -- 9981
TC DL	10.0	PSF	DATE	02/23/06
BC DL	10.0	PSF	DRW	HCUSR215 06054087
BC LL	0.0	PSF	HC - ENG	EC/WHK
TOT.LD.	40.0	PSF	SEQN -	107797
DUR.FAC.	1.25		FROM	CDM
SPACING	24.0"		JREF -	1SUVT215 Z07

(2960-/Kuiken & Carusso Addition /J.L. DUPREE -- LAKE CITY, FL - A4G (2-PLY) 7'6" Common Girder)

Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x6 SP #2 N

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at 0.94 to 61 PLF at 6.56
BC - 1251 LB Conc. Load at 0.48, 2.48, 4.48, 6.48

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

Plates sized for a minimum of 3.00 sq.in./piece.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

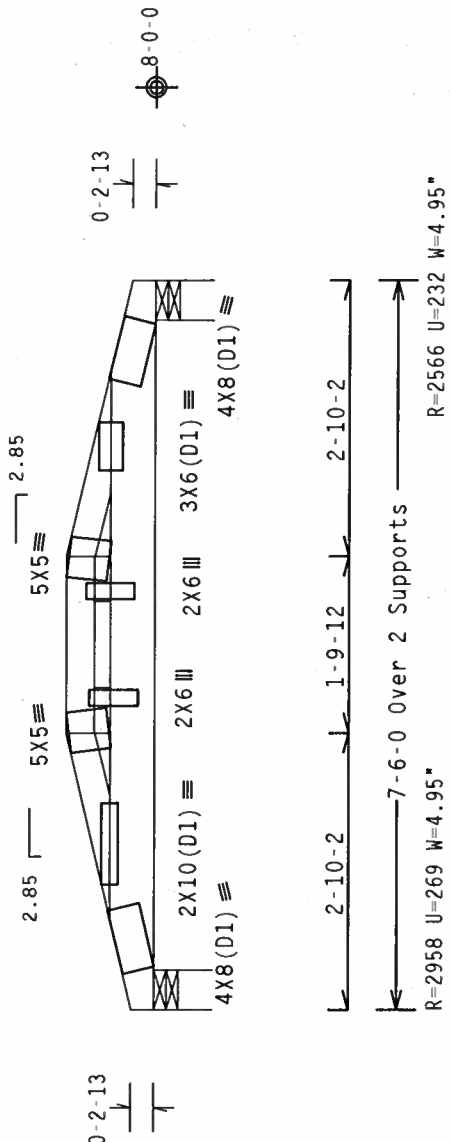
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.)_nails)
Top Chord: 1 Row @ 8.00" o.c.
Bot Chord: 2 Rows @ 4.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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/360 live and L/240 total load.

The overall height of this truss excluding overhang is 0-10-15.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

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

QTY:1

FL/-/5/-/R/-

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT SUBMITTAL. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

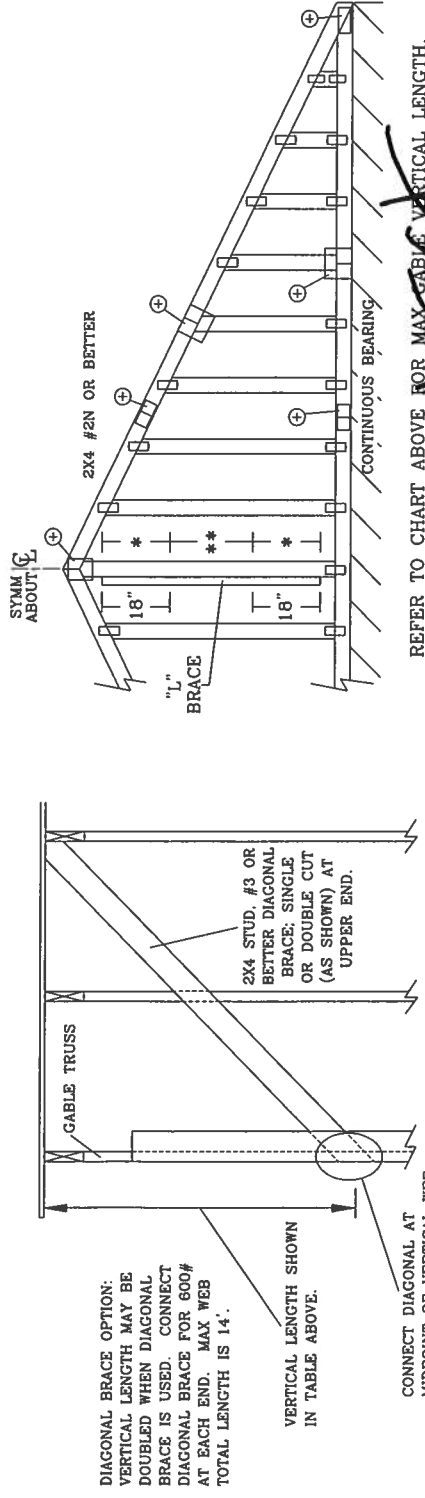
TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	

REF	R215--	9982
DATE	02/23/06	
DRW	HCUSR215	06054088
HC-ENG	EC/WHK	
SEQN-	107802	REV
FROM	CDM	
JREF-	1SU215	Z07

Alpine Engineered Products, Inc.
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ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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



BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

#3	SOUTHERN PINE
STUD	STUD
STANDARD	STANDARD

GROUP B:

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

SOUTHERN PINE

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

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE ENGINEERED PRODUCTS, INC.
POMPANOA BEACH, FLORIDA

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENTS) DRAWING, PUBLISHED BY THE NATIONAL PLATE INSTITUTE, 583 DUNDORF DR., SUITE 200, MADISON, WI 53719, AND UTAH WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

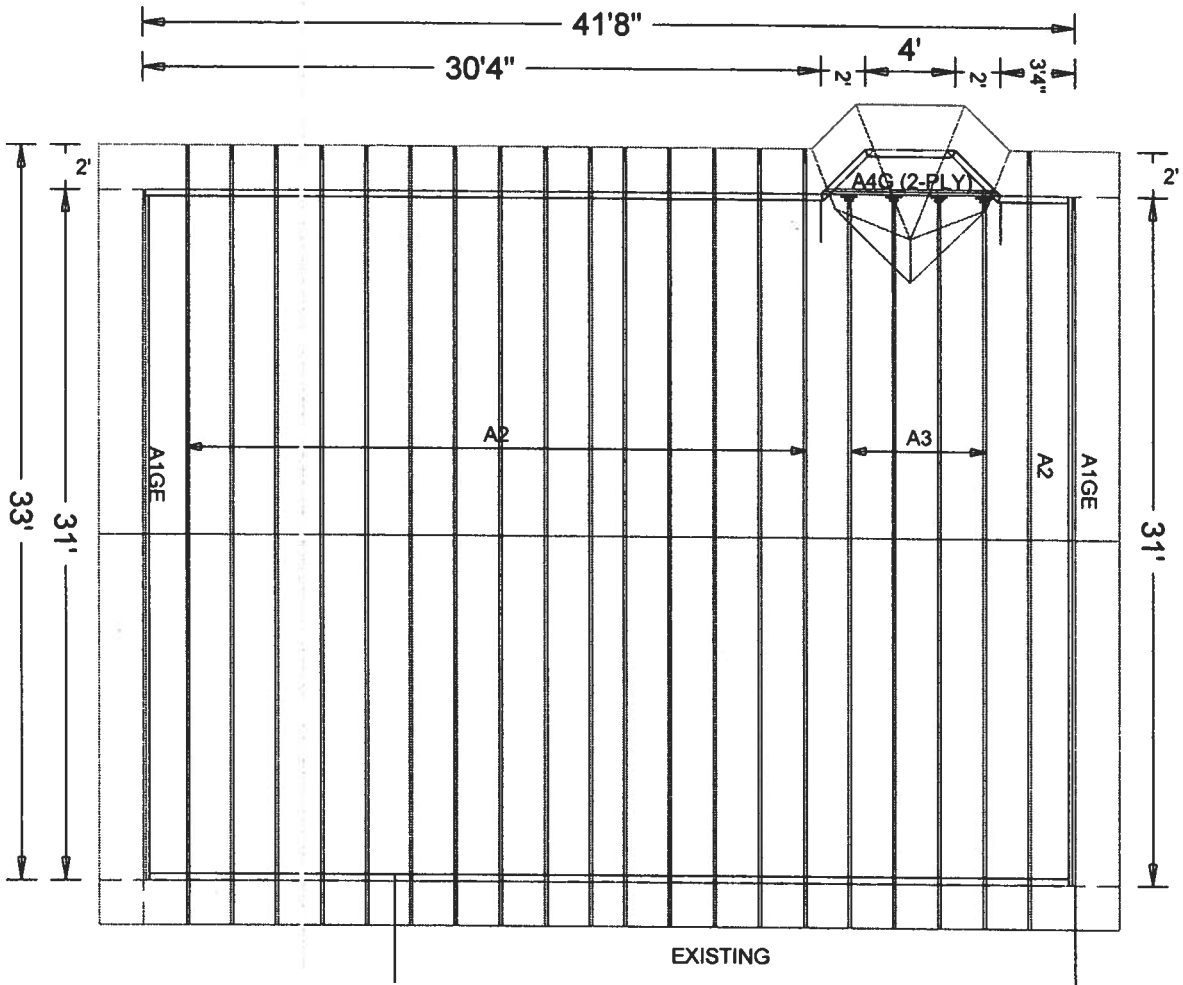
IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BRACE OR CHORDING, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONDITIONS WITH APPLICABLE WIND SPEEDS, PER ASCE 7-02, BY AEP&P AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/K) ASTM A575 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

ALPINE ENGINEERED PRODUCTS, INC.
POMPANOA BEACH, FLORIDA

JAMES E. COLLINS JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

REF ASCE7-02-GABI1015
DATE 04/15/05
DRWG A11015EE0405
-ENG

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"



W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

Roof Plane Sheathing Area = 1699 sq. ft.
Gable Sheathing Area = 161 sq. ft.
Total Sheathing Area = 1861 sq. ft.
Fascia Material = 167 linear ft.
Valley Flashing Material = 10 linear ft.
Ridge Cap Material = 48 linear ft.
Hip Ridge Material = 27 linear ft.

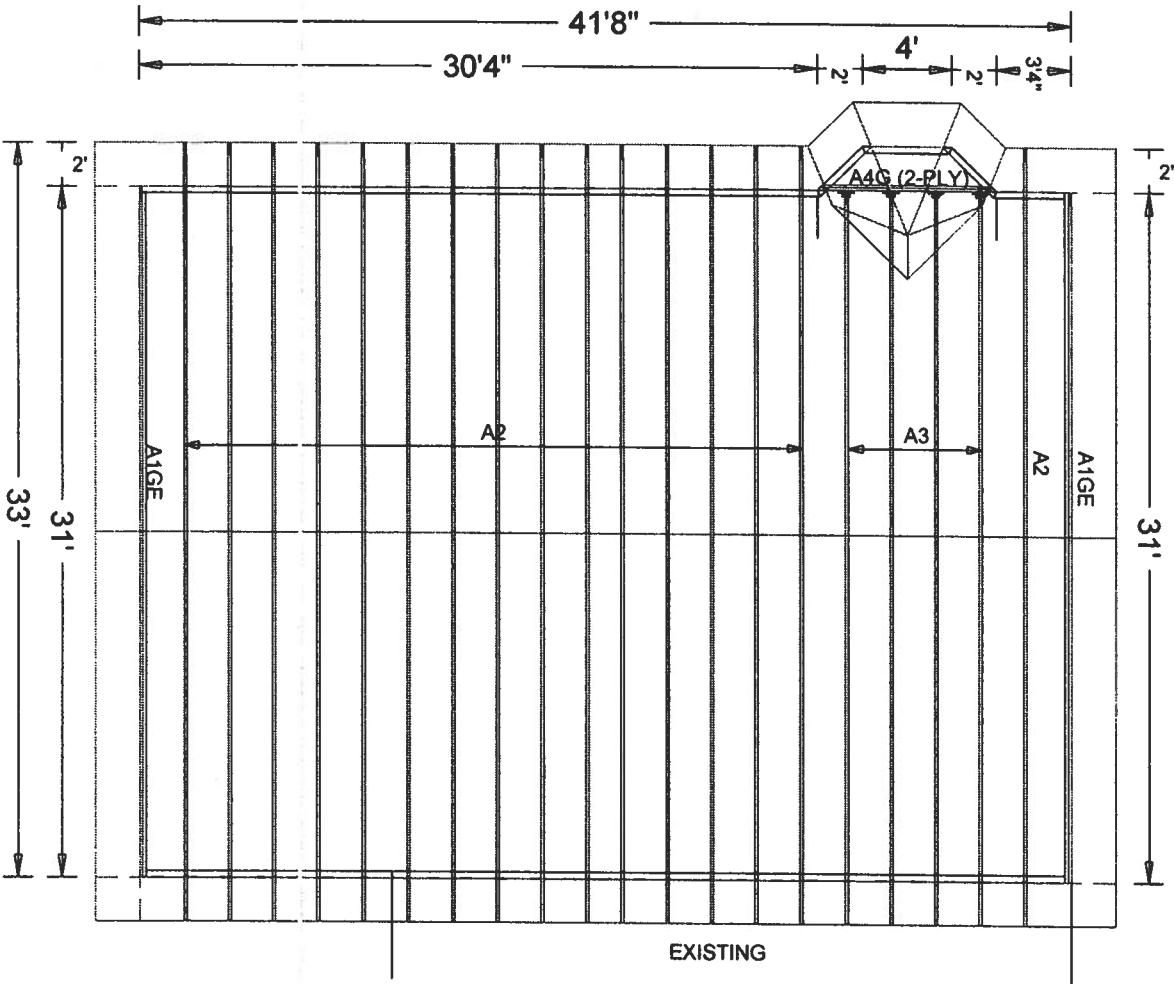
ROOF PITCH: 4/12
CLG PITCH: N/A
OVERHANG: 24" PLUMB
LOADING: 40 PSF T.L./SHINGLE
WIND LOAD: 110 MPH/ENCLOSED
EXT. WALLS: 2x4 FRAMING
DATE: 2-22-06

NOTES:
BAY WINDOW TO BE CONV. FRAMED
VALLEYS TO BE CONV. FRAMED
SOME TRUSS TAILS MAY NEED TO BE
REMOVED IN FIELD FOR PROPER INSTALLATION
TRUSSES HAVE A STANDARD 4/12 HEEL HEIGHT.
PLEASE CONFIRM PRE-BUILD IF ANY ADJUSTMENTS
NEED TO BE MADE TO MATCH EXISTING ROOF

Job Name: Kuiken & Carusso Addition
Customer: J.L. DUPREE
Designer: Chris McCall

JOB NO:
2960

PAGE NO:
1 OF 1



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P.O. Box 700
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