



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

PERMIT CARD – PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "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." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. **WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD.** PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.

Scope of Work: BUILDING: remodel of kitchen, master bath and 2nd bath

Comments: None

Project Information

Address: 3430 Cullen Lake Shore Dr, Belle Isle, FL 32809
 Parcel ID: 17-23-30-4380-05-010
 Property Owner: Stango, Jaisen
 Phone Number: None

 Company Name: Casmir Construction & Remodeling Inc
 Contractor Name: Kozik, Arthur
 License Number: CGC1517386
 Address: 740 Mimosa Ct, Winter Springs, FL 32708
 Phone Number: 407 497 0140

Permit Number: 2015-04-028

Date of Application: 04/13/2015

Date Permit Issued: 04/14/2015

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 AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

BUILDING FEATURES

IMPACT FEES

School \$
 Traffic \$

ZONING FEES

Zoning Fee \$50.00

UNIVERSAL ENG - BUILDING FEES

Cert of Occ \$
 Demo \$
 Building \$445.50
 Fence \$
 Driveway \$
 Shed \$
 Window(s) \$
 Door(s) \$
 PrePower \$
 Electrical \$
 Temp Pole \$
 Plumbing \$
 Mechanical \$
 Gas \$
 Roofing \$
 Boat Dock \$
 Screen Encl \$
 Swimming Pool \$
 Sign \$

SURCHARGE FEES

Surcharge Fee \$6.68
 Surcharge Fee \$6.68

TOTAL FEES \$508.86

Date Paid 4-15-15

CC of Check # VISA 5959

Amount Paid 508.86

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).

BUILDING INSPECTOR USE ONLY

IF APPLICABLE:

Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions

Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO

BUILDING

1st _____ (Footing/Foundation)
 Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? ____
 2nd _____ (Slab)
 3rd _____ (Lintel)(Wall Reinforcing on Masonry Building)
 4th _____ (Exterior Framing)(Roof/Wall Sheathing)
 5th _____ (Framing) (To be made after Plumbing/ Mechanical/ Electrical Rough-Ins & Windows/Doors Installed)
 6th _____ (Insulation to be Made After Roof Installed)
 7th _____ (Drywall)
 8th _____ (Sidewalk/Driveway)
 9th _____ (Other)
 10th _____ (Final – After MEP and Other Applicable Finals)

ROOFING

1ST ROOFING Deck Nailing/Dry-in/Flashing _____
 2nd ROOFING Covering In-Progress _____
 3rd ROOFING Covering Final _____

PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...)

1ST _____ (Underground) 2nd _____ (Sewer)
 3rd _____ (Rough-In/Tub Set) 4th _____ (Final)

CHECK APPROPRIATE BOX

GAS ___ Natural ___ LP MECHANICAL ELECTRICAL LOW VOLTAGE

1st _____ (Rough-In) 2nd _____ (Final)

Inspection requests are to be emailed to BDscheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. Next-Day Inspection requests must be made by 1pm. Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.

For a copy of your permit, or to check inspection results, please visit <https://universalengineering.sharefile.com/f/fo94edc4-832d-44bd-9809-ecf32f9e2e63>

login ID = cobi@universalengineering.com

password = universal13

CITY OF BELLE ISLE
Permit Application Review Sheet

Permit Number	2015-04-048
Property Owner	Stange, Jason
Address	3430 Cullen Lake Shore Dr.
Nature of Improvement	Building - interior remodel
Received Application	garage door + windows
Sent for Stormwater Review	
Stormwater Approved	✓
Sent for Zoning Review	
Zoning Approved	✓
Applied for Variance	
Variance Approved	
Sent to BO for Review	4-14-15
Building Official Approved	Richard Olds 4-14-15
Comments	
1.	Susan 4-13-15 Called Art - need product approvals
2.	for garage door + windows ✓
3.	all on file ✓ Need NOC ✓
4.	Susan 4-14-15 renew WO 49544
5.	4-14-15 RJ Info on garage door does
6.	not include installation instructions
7.	I called Art + left msg.
8.	Susan 4-14-15 Revid the above WO# 49735
9.	* oversized plans w/ physical packet *
10.	
11.	
12.	



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

RECEIVED
4-13-15

Building Permit (Land Use) Application

DATE: 4/10/15

PERMIT # 2015-04-028

PROJECT ADDRESS 3430 CUMEN LAKE SHORE DRIVE, Belle Isle, FL 32809 32812

PROPERTY OWNER JALSEN STANCO PHONE _____ VALUE OF WORK (labor & material) \$ 28,500

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS

INTERIOR KITCHEN REMODEL, MASTER BATH, 2ND BATH, RETILE SHOWER BACK BATH, GARAGE DOOR OPENING, NEW WINDOWS IN SPECIFIC AREAS.

Please provide information, if applicable.

- Survey specific foundation plan required to show compliance with zoning setbacks
- **BOAT DOCK:** DEP Clearance Required with Application (Call 407-597-4100); please provide a copy of their report
- **SEPTIC SYSTEM (RESIDENTIAL):** - Provide verification of OC Health Dept approval for on-site septic tank system, per FAC Chap. 64E-6
- Homeowners will be required to have a contractor on record for homes that are rented and/or not homestead

Please Complete for the City of Belle Isle Zoning Review: Parcel Id Number: 17-23-30-4380-05-010

To obtain this information, please visit <http://www.ocpafl.org/Searches/ParcelSearch.aspx>

SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCROACH INTO ANY EASEMENT OR REQUIRED SETBACK. Note, this Zoning Approval MAY or MAY NOT be in conflict with your Deed Restrictions. For New Single Family Residence, a Traffic Impact Fee and School Impact will be assessed.

Wind Exposure Category: B C D

Attached Survey _____ SETS and Construction Plans 3 SETS

PLANNING & ZONING APPROVAL: _____
DATE _____

PLEASE COMPLETE for Building Review

CONSTRUCTION TYPE CBS CLASS III

OCCUPANCY GROUP _____ Comm Res: Single Fam _____ Multi Fam

#BLDG. 1 #UNITS _____ #STORIES 1 TOTAL SQ.FT. 3882

MAX. FLOOR LOAD _____ MAX. OCCUPANCY _____

MIN. FLOOD ELEV. _____ LOW FLOOR ELEV. _____

WATER SERVICE _____ WELL _____ SEPTIC _____

BUILDING REVIEWER Rolls DATE 4/14/15

VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE _____ DATE _____

Per FSS 105.3.3:

An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "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."

Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS, MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC.

Page 1 of 2

SPRINKLERS REQ'D	Y	N	
If Required - SUBMIT COPY OF PLANS FOR FIRE REVIEW			
	Date: Sent		RCD
ZONING	<input checked="" type="checkbox"/>	N	\$500-
CERT OF OCC	Y	N	\$
TRAFFIC	Y	N	\$
SCHOOL	Y	N	\$
FIRE	Y	N	\$
SWIMMING POOL	Y	N	\$
SCREEN ENCLOSURE	Y	N	\$
ROOFING	Y	N	\$
BOAT DOCK	Y	N	\$
BUILDING	Y	N	\$445.50
WINDOW(S)	Y	N	\$
DOOR(S)	Y	N	\$
FENCE	Y	N	\$
SHED	Y	N	\$
DRIVEWAY	Y	N	\$
OTHER	Y	N	\$

3% FL SURCHARGE 13.36

TOTAL 508.86

By Owner Form Y NA
 Notice of Commencement Y NA
 Power of Attorney Y NA
 Contractor Packet Included? Y N

OTHER PERMITS REQUIRED:

ELECTRICAL Y NA
 PREPOWER Y NA
 MECHANICAL Y NA
 PLUMBING Y NA
 ROOFING Y NA
 GAS Y NA



City of Belle Isle
 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Building Permit (Land Use) Application
 To be completed as required by State Statute Section 713 and other applicable sections.

PERMIT # 2015-04-028

Owner's Name Jaisen Stango
 Owner's Address 3430 Cullen Lake Shore Pr Belle Isle FL 32812

Contractor Name <u>ARTHUR KOZIK</u>	Company Name <u>CASHIR CONSTRUCTION</u>
License # <u>CGC 1517386</u>	Company Address <u>740 MIMOSA CT</u>
Contact Phone/Cell <u>407 497 8240</u>	City, State, ZIP <u>WINTER SPRINGS, FL 32788</u>
Contact Email <u>AKOZIK@CFL.RL.COM</u>	Contact Fax <u>407-563-2748</u>

WARNING TO OWNER: Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A notice of commencement must be recorded if job is \$2500(+) or if A/C Replacement \$7500(+) and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before recording your Notice of Commencement.

I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations (www.floridabuilding.org) and City Ordinances (www.municode.com) regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable City and/or State of Florida codes and/or ordinances. Application is hereby made to obtain a permit to do the 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 will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for all other construction including ROOFING, ELECTRICAL, MECHANICAL, PLUMBING, GAS, SIGNS, POOLS, SCREEN ENCLOSURES, ETC.

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

<p>Owner Signature <u>Jaisen Stango</u> The foregoing instrument was acknowledged before me this <u>4/10/15</u> by <u>Jaisen Stango</u> who is personally known to me and who produced <u>DL</u> as identification and who did not take an oath. Notary as to Owner State of Florida County of Orange</p>	<p>Impervious Surface Ratio Worksheet Development Zoned A-1, A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per City Code, Section 50-74: Impervious Surface Ratio</p> <ol style="list-style-type: none"> Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE). Total Lot Area _____ X 0.35 = Allowable Impervious Area (BASE) _____ Calculate the "proposed" impervious area on the lot. This includes the sum of all areas that do not allow direct percolation of rainwater. Examples include house, pool, deck, driveway, accessory building, etc. <ul style="list-style-type: none"> House _____ Driveway _____ Walkway _____ Accessory Buildings _____ Pool & Spa _____ Deck & Patio _____ Other _____ Actual Impervious Area (AIA) _____ If AIA is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention. If AIA is greater than BASE, then onsite retention <u>must be provided</u>. <p><u>Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40), the formula is: (7.5 inches rainfall/12 inches p/foot) X (result from line 4) = cubic feet of storage volume needed</u></p>
<p>Contractor Signature <u>Arthur Kozik</u> COMPANY NAME <u>CASHIR CONSTRUCTION & REMOD.</u> The foregoing instrument was acknowledged before me this <u>4/13/15</u> by <u>ART KOZIK</u> who is personally known to me and who produced _____ as identification and who did not take an oath. Notary as to Owner State of Florida County of Orange</p>	

LOURDES ROBERTS
 MY COMMISSION # EE 119993
 EXPIRES: August 7, 2015
 Bonded Thru Notary Public Underwriters



COBI Permit Fee Calculation Form



Reviewer Signature: Steve Richardson Date: 4-14-15

Permit Type:	<u>remodel</u>	Job Cost:	\$ <u>68,500</u>
Permit Fee:	\$ <u>297</u>		<u>445.50</u>
Plans Review Fee:	\$ <u>148.50</u>	(50% of permit fee – excluding ReRoofs)	
1.5% State Fee:	\$ <u>6.68</u>		
1.5% State Fee:	\$ <u>6.68</u>		
TOTAL BUILDING FEE:	\$ <u>508.86</u>	(does not include Zoning fees or Deposits)	

Note: Total gets doubled for SWO/AFT permits

(+50.00 zoning)

Remodel zoning = 50.-

1st 1000 = 25.-

+ 68K x 4 = 272.-

~~483~~

148.50 + 6.68 + 6.68 = 161.86

272.-

25.-

297

Permit Number: 2015-04-028
Folio/Parcel Identification Number: _____
Prepared by: ART KOZIK
740 MIMOSA CT
WINTER SPRINGS, FL 32708
Return to: _____



NOTICE OF COMMENCEMENT

State of Florida, County of Orange
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.

- Description of property** (legal description of the property, and street address if available)
3430 Cullen Lake Shore Dr Belle Isle FL 32812
- General description of improvement**
INTERIOR KITCHEN REMODEL, MASTER BATH, BATH 2 & 3
- Owner information or Lessee information if the Lessee contracted for the improvement**
Name JAISEN STANGO
Address 3430 CULLEN LAKE SHORE DRIVE
Interest in Property OWNER
Name and address of fee simple titleholder (if different from Owner listed above)
Name _____
Address _____
- Contractor**
Name CASMIR CONSTRUCTION & REMODELING Telephone Number 407 497 8740
Address 740 MIMOSA CT.
- Surety** (if applicable, a copy of the payment bond is attached)
Name _____ Telephone Number _____
Address _____ Amount of Bond \$ _____
- Lender**
Name _____ Telephone Number _____
Address _____
- Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by §713.13(1)(a)7, Florida Statutes.**
Name _____ Telephone Number _____
Address _____
- In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.**
Name _____ Telephone Number _____
Address _____
- Expiration date of notice of commencement** (the expiration date may not be before the completion of construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified)

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

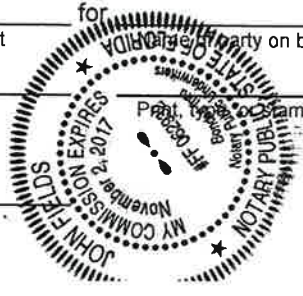
Under penalty of perjury, I declare that I have read the foregoing notice of commencement and that the facts stated in it are true to the best of my knowledge and belief.

Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager _____
Signature of Jaisen Stango _____
Signatory's Title/Office Owner

The foregoing instrument was acknowledged before me this 10 day of April by Jaisen Stango
month/year name of person

as _____ for _____ party on behalf of whom instrument was executed
Type of authority, e.g., officer, trustee, attorney in fact
Signature of Notary Public - State of Florida _____
Notary Public Stamp commissioned name of Notary Public

Personally Known OR Produced ID _____
Type of ID Produced _____



Seal of the County Comptroller, Orange County, Florida. Text: State of Florida, County of Orange. I hereby certify that this is a true copy of the document as recorded in the Official Records. Martha O. Haynie, County Comptroller. By: J. Simpson, Deputy Comptroller. 4-15-15



CITY OF BELLE ISLE, FLORIDA
 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

POWER OF ATTORNEY

Date: 4/10/15

Permit #: 2015-04-028

I hereby name and appoint Arthur Kozik of
(print name)
Casmin Construction & Remodeling, Inc. to be my lawful attorney-in-fact to act for
(company name)
 me and apply to the City of Belle Isle Building Department for a Any type permit
(type of permit)
 for work to be performed at the following location:

3430 Cullen Lake Shore Drive, Belle Isle, FL 32809 32812 and
(street address)

to sign my name and do all things necessary to this appointment.

^{owner's}
 Certified Contractor's Printed Name: Saison Stango

License Number: N/A

^{owner's}
 Certified Contractor's Signature: [Signature]

The foregoing instrument was acknowledged before me this 10 days of April of 2015
 by Saison Stango who is personally known to me or who produced
 _____ as identification and who did not take an oath.

State of Florida
 County of Orange

[Signature]
 Notary Public, Orange County, Florida



(seal)



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Product Approval Form

DATE: 4/14/15

PERMIT # 2015-04-028

PROJECT ADDRESS 3430 CULLEN LAKE SHORES DRIVE, Belle Isle, FL 32809 32812

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at www.floridabuilding.org or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

1. This Product Approval Cover Sheet
2. Internet screen from FloridaBuilding.org showing PA#, approval and code edition stamped
3. Manufacturer's installation details from FloridaBuilding.org and requirements for each product stamped

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
EXTERIOR DOORS				WALL PANELS			
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup	CHI	2240	15012	Storefront			
Other				Glass Block			
				Other			
WINDOWS				ROOFING PRODUCTS			
Single/Dbl Hung	ALSIDE	MEZZO	10453.4	Asphalt Shingles			
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed	ALSIDE	MEZZO	9834.3	Single Ply Roof			
Mullion				Underlayment			
Skylights				Other			
Other							
STRUCTURAL COMPONENTS				OTHER			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature 

Date 4/14/15

FLORIDA DEPARTMENT OF
Business & Professional Regulation



[DBPR HOME](#) / [ABOUT DBPR](#) / [DBPR DIVISIONS](#) / [CONTACT DBPR](#)



[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [FBC Staff](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)



Product Approval
USER: Public User

license efficiently. Regulate fairly.

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#)

OFFICE OF THE SECRETARY

Search Criteria

Code Version	2010	FL#	15012
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

[Refine Search](#)

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL15012-R1	Revision	C.H.I. Overhead Doors Category: Exterior Doors Subcategory: Sectional Exterior Door Assemblies	Gordon Thomas, P.E. (513) 314-3653	Approved
History				

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

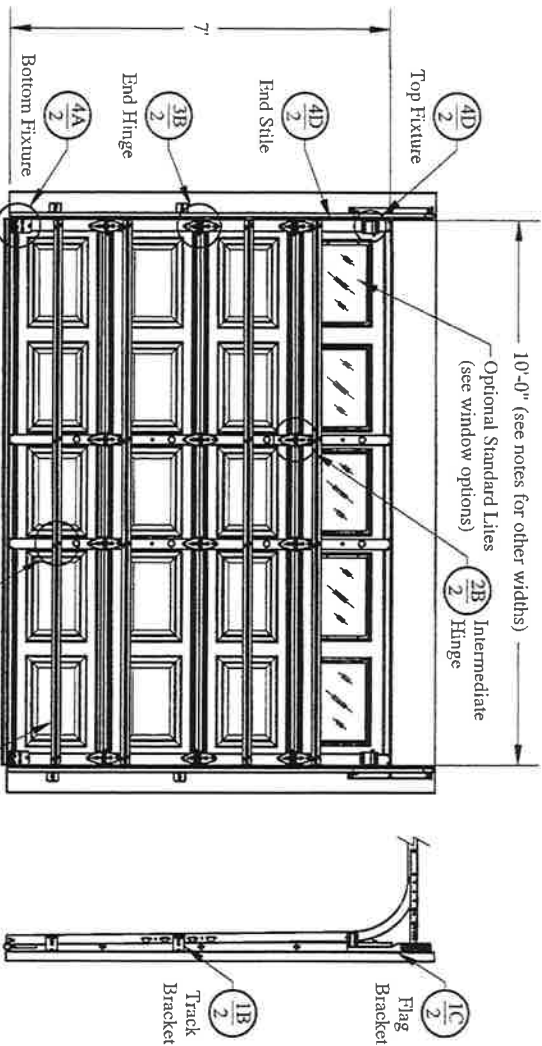
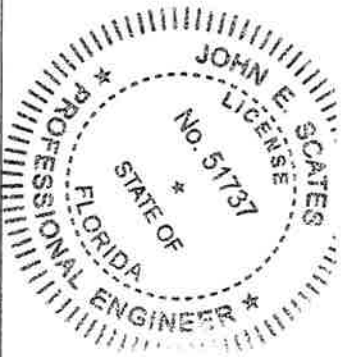
Contact Us :: [1940 North Monroe Street, Tallahassee FL 32399](#) Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#). :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395.
*Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:





Window Options :

For Glass:
 Max daylight opening 39-3/8 x 12-1/2"
 (up to 144.3/-51.5 psf)
 Max daylight opening 6-3/4 x 10-1/4"
 (up to +50.7/-57.5 psf)
 1/8" DSB
 1/4" Tempered Glass
 7/16" Insulated Glass
 7/16" Tempered Insulated Glass

For Lexan:
 Max daylight opening 16-3/4 x 10-1/4"
 (up to 144.7/-51.5 psf)
 1/4" Lexan with Aluminum Frame

door height	section quantity	strut quantity	trk brkt per side
6'-6" to 7'-0"	4	4	2
7'-6" to 8'-0"	5	5	3
8'-3" to 8'-9"	5	5	3
9'-0" to 10'-6"	6	6	4
10'-9" to 12'-3"	7	7	5
12'-6" to 14'-0"	8	8	6
14'-3" to 15'-9"	9	9	7
16'-0" to 17'-6"	10	10	8
17'-9" to 19'-3"	11	11	9
19'-6" to 20'-0"	12	12	10

Track bracket quantities shown are for use with grade 2 or better spruce-pine-fir (SPF) or southern pine joints.

Supplemental instructions contain details for doors up to 20'-0" high. These are required in addition to this drawing for installation. Always use supplemental instructions in addition to this drawing during door installation.

GTI	nis
Model 2240, 2241, 2250, 2251	03-15-2012

45.5 (psf) / - 51.3 (psf) at 06-00"
 10.0 (psf) / - 11.3 (psf) at 16-06"

C.H.I. Drawing: FZ5-10-01311

This door has been evaluated in accordance with ASTM E 330-02 and ANS/DASMA 108-02 and 108-05. Per ASCE 7-10 as referenced by FBC 2010.

Design Pressures (DP) typically meet or exceed the requirements for the following wind speeds. These wind speeds are for 7' high doors, taller openings typically withstand higher wind speeds.

Width	Design Pressure	Exposure "B"	Exposure "C"	Windows	Center Stiles
16'-06"	10.0 (psf) / - 11.3 (psf)	105 (mph)	88 (mph)	8	3
16'-00"	10.7 (psf) / - 12.0 (psf)	108 (mph)	91 (mph)	8	3
15'-06"	12.2 (psf) / - 13.7 (psf)	113 (mph)	97 (mph)	7	3
14'-00"	14.0 (psf) / - 15.7 (psf)	123 (mph)	104 (mph)	7	3
12'-00"	19.0 (psf) / - 21.4 (psf)	143 (mph)	121 (mph)	6	2
11'-00"	22.6 (psf) / - 25.4 (psf)	155 (mph)	131 (mph)	5	2
10'-06"	24.8 (psf) / - 27.9 (psf)	162 (mph)	137 (mph)	5	2
10'-02"	26.4 (psf) / - 29.8 (psf)	167 (mph)	141 (mph)	5	2
10'-00"	27.3 (psf) / - 30.8 (psf)	170 (mph)	144 (mph)	5	2
09'-06"	28.8 (psf) / - 32.4 (psf)	174 (mph)	147 (mph)	4	1
09'-00"	30.3 (psf) / - 34.2 (psf)	178 (mph)	150 (mph)	4	1
08'-06"	32.1 (psf) / - 36.2 (psf)	183 (mph)	154 (mph)	4	1
08'-00"	34.1 (psf) / - 38.5 (psf)	188 (mph)	158 (mph)	4	1
07'-06"	36.4 (psf) / - 41.0 (psf)	193 (mph)	163 (mph)	4	1
06'-00"	45.5 (psf) / - 51.3 (psf)	213 (mph)	180 (mph)	3	1

Pressures must be reduced by the ratio of widths squared for a door wider than one shown. Pressures may be increased by the simple ratio of widths for a door narrower than one shown.

Strut Attachment
 Strut

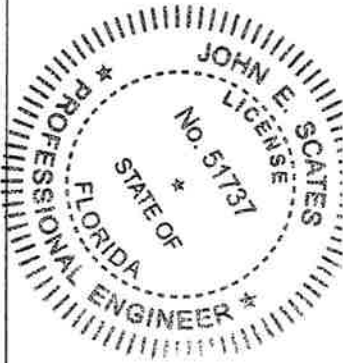
Supporting structural elements to be designed by registered professional engineer for specified wind loads. If door is not electrically operated, a lock must be installed. Maximum door height: 20'-0"
 Maximum section height: 21"

FL 15012R1

Professional Engineer's seal provided only for verification of windload construction details

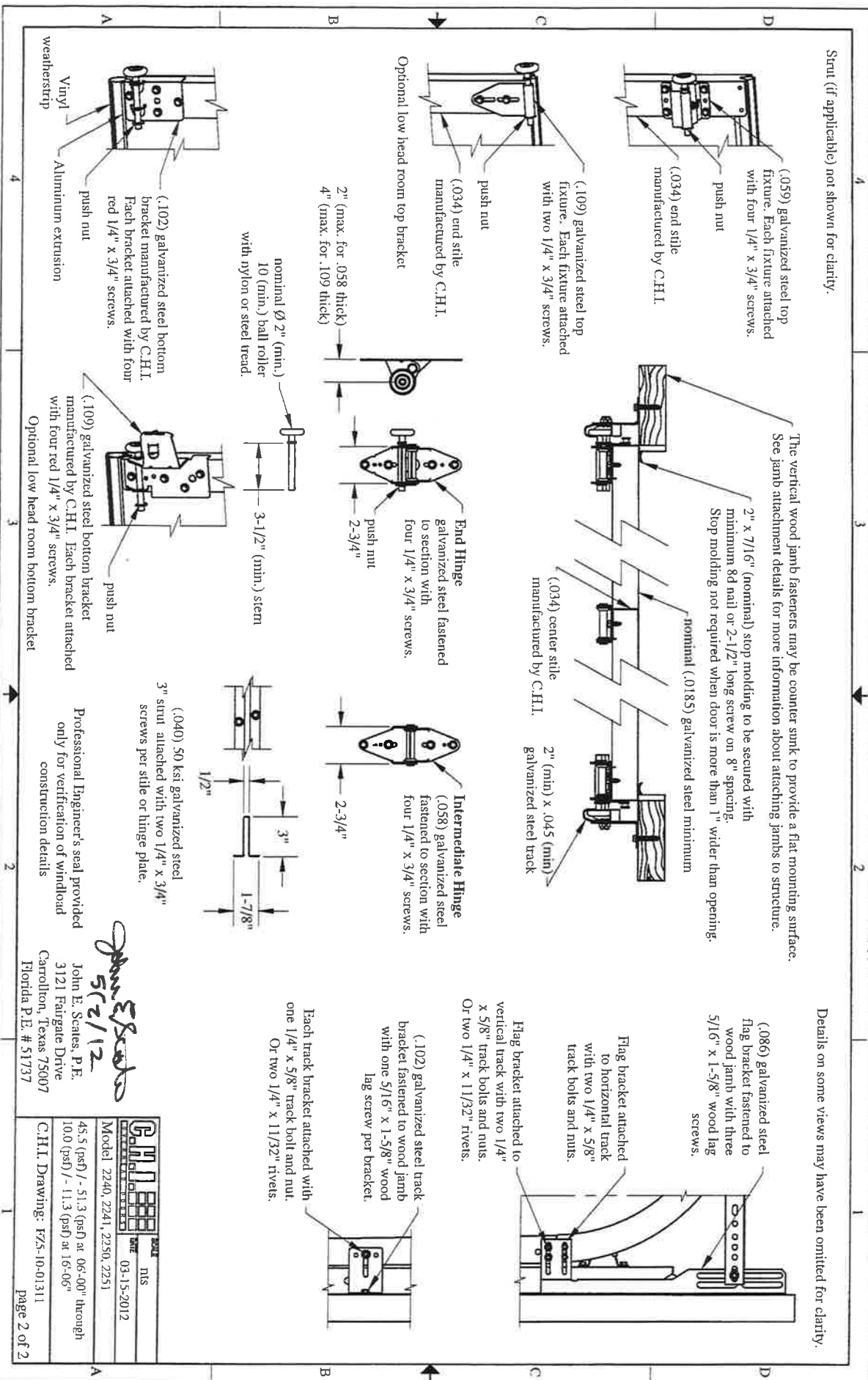
John E. Scates
 5/2/12

John E. Scates, P.E.
 3121 Fairgate Drive
 Carrollton, Texas 75007
 Florida P.E. # 51737



Strut (if applicable) not shown for clarity.

Details on some views may have been omitted for clarity.



The vertical wood jamb fasteners may be counter sunk to provide a flat mounting surface. See jamb attachment details for more information about attaching jambs to structure.

2" x 7/16" (nominal) stop molding to be secured with minimum 8d nail or 2-1/2" long screw on 8" spacing. Stop molding not required when door is more than 1" wider than opening.

(.086) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.

Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts. Or two 1/4" x 11/32" rivets.

(.102) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 11/32" rivets.

(.109) galvanized steel top fixture. Each fixture attached with two 1/4" x 3/4" screws.

2" (max. for .038 thick) 4" (max. for .109 thick)

End Hinge galvanized steel fastened to section with four 1/4" x 3/4" screws.

Intermediate Hinge (.058) galvanized steel fastened to section with four 1/4" x 3/4" screws.

nominal Ø 2" (min.) 10 (min.) ball roller with nylon or steel tread.

3-1/2" (min.) stem

(.040) 50 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.

(.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

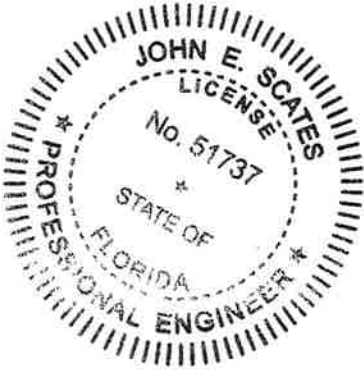
(.109) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

Professional Engineer's seal provided only for verification of windload construction details

John E. Scates
5/2/12



John E. Scates, P.E.
3121 Fairgate Drive
Carrollton, Texas 75007
Florida P.E. # 51737

	NAME	NIS
	DATE	03-15-2012
Model	2240, 2241, 2250, 2251	
45.5 (psf) / - 51.3 (psf) at 06-00" through 10.0 (psf) / - 11.3 (psf) at 16-06"		
C.H.I. Drawing: FZ5-10-01311		
	page 2 of 2	



Supplemental Instructions

Pan Doors

 CAUTION	<p>Higher wind pressures and larger doors require additional reinforcement.</p> <p>Premature failure of door system may result from improper application.</p>
 WARNING	<p>These supplemental instructions do not contain basic door installation steps and related safety information.</p> <p>Failure to follow basic installation steps and related safety information may result in injury or death.</p> <p>Door installers must follow a primary instruction manual for basic door installation steps and related safety information.</p>

The correct selection of door and framing materials, in adherence with local building code directives, is the responsibility of the building owner/designer. Use of a reinforced garage door does not constitute automatic compliance with any building code. Local building code officials determine compliance criteria.

A locking system must be installed if the door is not electrically operated.

See drawing for stop molding requirements, on doors not more than 1" wider than opening. When using stop molding, secure molding with minimum 8d nails or 2-1/2" long screws.

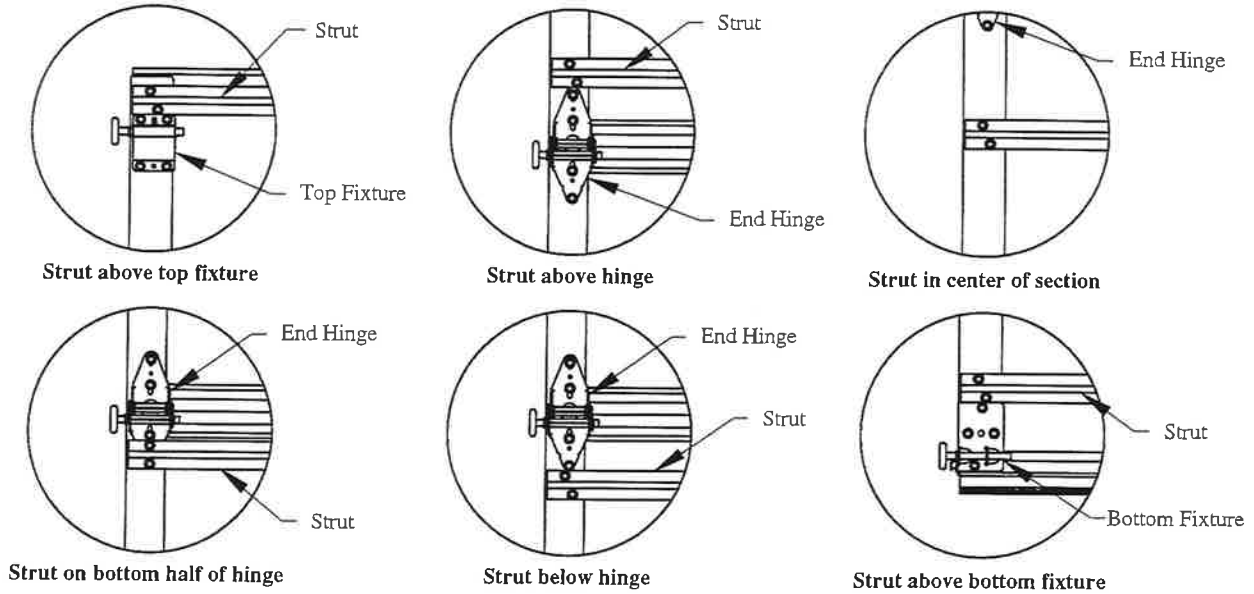
The distance from the bottom of the track to the first track bracket should not exceed 10 inches. For impact doors, add an additional track bracket, less than 4 inches from the bottom of the track. Locate track brackets as required to avoid other fasteners or defects in wood. Add track brackets as required maintaining equal spacing until the specified quantity is achieved. The distance between track brackets should not exceed 28 +/-1 inches. The distance from the top track bracket to the flag angle should not exceed 38 +/-1 inches.

FL 15012R1

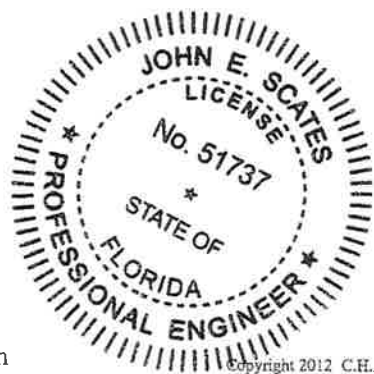
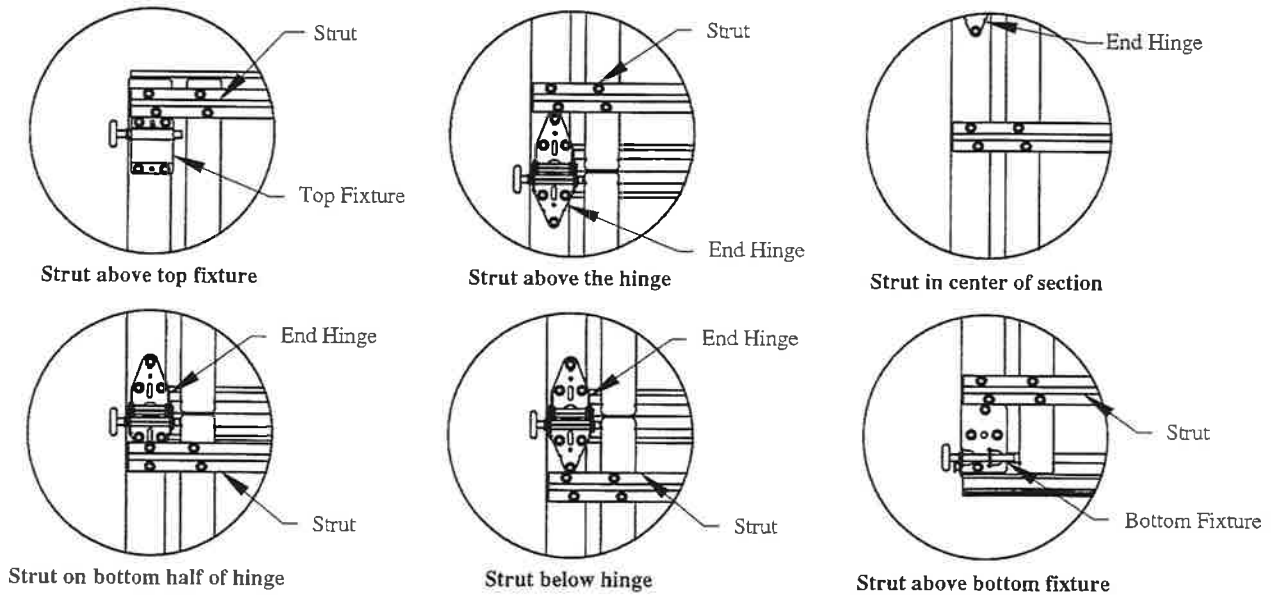
Professional Engineer's seal
provided only for verification of
windload construction details

John E. Scates
5/2/12
John E. Scates, P.E.
3121 Fairgate Drive
Carrollton, Texas 75007
Florida P.E. # 51737

**For use with single end stiles
(hinges shown with four screws, see drawing for screw quantity requirements)**



**For use with double end stiles
(hinges shown with six screws, see drawing for screw quantity requirements)**



FL 15012R1
Professional Engineer's seal
provided only for verification of
windload construction details

John E. Scates
5/2/12
John E. Scates, P.E.
3121 Fairgate Drive
Carrollton, Texas 75007
Florida P.E. # 51737

FLORIDA DEPARTMENT OF
Business & Professional Regulation



[DBPR HOME](#) / [ABOUT DBPR](#) / [DBPR DIVISIONS](#) / [CONTACT DBPR](#)



[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [FBC Staff](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)



Product Approval

USER: Public User

License efficiently. Regulate fairly.

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE SECRETARY

FL #	FL10453-R7								
Application Type	Revision								
Code Version	2010								
Application Status	Approved								
Comments									
Archived	<input type="checkbox"/>								
Product Manufacturer	Alside Window Company								
Address/Phone/Email	3773 State Road Cuyahoga Falls, OH 44223 (330) 922-2108 rickw@rwbldgconsultants.com								
Authorized Signature	Vivian Wright rickw@rwbldgconsultants.com								
Technical Representative									
Address/Phone/Email									
Quality Assurance Representative									
Address/Phone/Email									
Category	Windows								
Subcategory	Single Hung								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input checked="" type="checkbox"/> Evaluation Report - Hardcopy Received								
Florida Engineer or Architect Name who developed the Evaluation Report	Lyndon F. Schmidt, P.E.								
Florida License	PE-43409								
Quality Assurance Entity	Architectural Testing, Inc.								
Quality Assurance Contract Expiration Date	12/31/2015								
Validated By	Ryan J. King, P.E. <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received								
Certificate of Independence	FL10453 R7 COI Certificate of Independence.pdf								
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>101/I.S.2</td> <td>1997</td> </tr> <tr> <td>AAMA/WDMA/CSA101/I.S.2/A440</td> <td>2005</td> </tr> <tr> <td>AAMA/WDMA/CSA101/I.S.2/A440</td> <td>2008</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	101/I.S.2	1997	AAMA/WDMA/CSA101/I.S.2/A440	2005	AAMA/WDMA/CSA101/I.S.2/A440	2008
<u>Standard</u>	<u>Year</u>								
101/I.S.2	1997								
AAMA/WDMA/CSA101/I.S.2/A440	2005								
AAMA/WDMA/CSA101/I.S.2/A440	2008								
Equivalence of Product Standards Certified By									



Sections from the Code

Product Approval Method	Method 1 Option D
Date Submitted	04/17/2014
Date Validated	05/05/2014
Date Pending FBC Approval	05/06/2014
Date Approved	06/23/2014

Summary of Products		
FL #	Model, Number or Name	Description
10453.1	a. Model 0100	Extruded PVC Single Hung Window with Nailing Fin "Non-Impact"
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.1 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL10453_R7_II_INST_10453.1.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453_R7_AE_Eval_10453.1.pdf Created by Independent Third Party: Yes
10453.2	b. Model D100	Extruded PVC Single Hung Window with Nailing Fin - utilizes Sill Extender "Non-Impact"
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.2 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL10453_R7_II_INST_10453.2.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453_R7_AE_Eval_10453.2.pdf Created by Independent Third Party: Yes
10453.3	c. Model 01HP	Extruded PVC Single Hung Window with Nailing Fin "Non-Impact"
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.3 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL10453_R7_II_INST_10453.3.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453_R7_AE_Eval_10453.3.pdf Created by Independent Third Party: Yes
10453.4	d. Model 0700	Extruded PVC Single Hung Window - "Non-Impact"
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.4 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL10453_R7_II_INST_10453.4.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453_R7_AE_Eval_10453.4.pdf Created by Independent Third Party: Yes
10453.5	e. Model 07HP	Extruded PVC Single Hung Window - utilizes Sill Extender "Non-Impact"
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.5 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL10453_R7_II_INST_10453.5.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453_R7_AE_Eval_10453.5.pdf Created by Independent Third Party: Yes
10453.6	f. Model 02AO	Extruded PVC Single Hung Window - "Non-Impact"
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A		Installation Instructions FL10453_R7_II_INST_10453.6.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports

	<p>Other: See INST 10453.6 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>	<p>FL10453 R7 AE Eval 10453.6.pdf Created by Independent Third Party: Yes</p>
10453.7	g. Model 3100	Extruded PVC Single Hung Window with Nailing Fin "Non-Impact"
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.7 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>		<p>Installation Instructions FL10453 R7 II INST 10453.7.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.7.pdf Created by Independent Third Party: Yes</p>
10453.8	h. Model 3100	Extruded PVC Single Hung Window - "Non-Impact"
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.8 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>		<p>Installation Instructions FL10453 R7 II INST 10453.8.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.8.pdf Created by Independent Third Party: Yes</p>
10453.9	i. Model V100, V140, V144, V146	Extruded PVC Single Hung Window with Nailing Fin "Non-Impact"
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.9 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>		<p>Installation Instructions FL10453 R7 II INST 10453.9.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.9.pdf Created by Independent Third Party: Yes</p>
10453.10	j. Model V100, V140, V144, V146	Extruded PVC "Twin" Single Hung Window with Nailing Fin "Non-Impact"
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.10 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>		<p>Installation Instructions FL10453 R7 II INST 10453.10.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.10.pdf Created by Independent Third Party: Yes</p>
10453.11	k. Model V200, V140, V144, V146	Extruded PVC Single Hung Window with Nailing Fin "Non-Impact"
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.11 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>		<p>Installation Instructions FL10453 R7 II INST 10453.11.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.11.pdf Created by Independent Third Party: Yes</p>
10453.12	l. Model V220	Extruded PVC "Twin" Single Hung Window with Nailing Fin "Non-Impact"
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.12 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>		<p>Installation Instructions FL10453 R7 II INST 10453.12.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.12.pdf Created by Independent Third Party: Yes</p>
10453.13	m. Model V230	Extruded PVC "Triple" Single Hung Window with Nailing Fin "Non-Impact"
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.13 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.</p>		<p>Installation Instructions FL10453 R7 II INST 10453.13.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.13.pdf Created by Independent Third Party: Yes</p>

10453.14	n. Model O3AO	Extruded Vinyl Single Hung Window - "Non-Impact" utilizing the "Sm" Sash
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.14 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL10453 R7 II Inst 10453.14.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.14.pdf Created by Independent Third Party: Yes
10453.15	o. Model O3AO	Extruded Vinyl Single Hung Window - "Non-Impact" utilizing the "Med" Sash
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See INST 10453.15 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars.		Installation Instructions FL10453 R7 II Inst 10453.15.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL10453 R7 AE Eval 10453.15.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

Contact Us :: [1940 North Monroe Street, Tallahassee FL 32399](#) Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida.](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395.
 *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:





[DBPR HOME](#) | [ABOUT DBPR](#) | [DBPR DIVISIONS](#) | [CONTACT DBPR](#)



[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [FBC Staff](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)



Product Approval
USER: Public User

License efficiently. Regulate fairly.

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**



FL # FL15012-R1
Application Type Revision
Code Version 2010
Application Status Approved

Comments
 Archived

Product Manufacturer C.H.I. Overhead Doors
Address/Phone/Email 1485 Sunrise Drive
 Arthur, IL 61911
 (217) 543-2135 Ext 4273
 jcampbell@chiohd.com

Authorized Signature Jim Campbell
 jcampbell@chiohd.com

Technical Representative
 Address/Phone/Email

Quality Assurance Representative
 Address/Phone/Email

Category Exterior Doors
Subcategory Sectional Exterior Door Assemblies

Compliance Method Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer
 Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report John E. Scates
Florida License PE-51737
Quality Assurance Entity Architectural Testing, Inc.
Quality Assurance Contract Expiration Date 12/31/2015
Validated By Gordon Thomas, P.E.
 Validation Checklist - Hardcopy Received



Certificate of Independence [FL15012_R1_COI_statement_of_independence_s.pdf](#)

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM E1886	2005
	ASTM E1996	2009
	ASTM E330	2002
	DASMA 108	2002
	DASMA 108	2005
	DASMA 115	2005

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted 03/20/2012
 Date Validated 06/28/2012
 Date Pending FBC Approval 07/02/2012
 Date Approved 08/07/2012
 Date Revised 04/06/2015

Summary of Products		
Go to Page <input type="text"/>		Page 1 / 2
FL #	Model, Number or Name	Description
15012.1	kf; 2240, 2241, 2250, 2251	06'-00" wide through 13'-08" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ4-09-01311 for pressures and widths 34.8 (psf) / - 39.3 (psf) at 06'-00" through 10.1 (psf) / - 11.4 (psf) at 13'-08"		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ4-09-01311s.pdf Created by Independent Third Party: Yes
15012.2	kh; 2240, 2241, 2250, 2251	06'-00" wide through 09'-02" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ6-09-01311 for pressures and widths 54.0 (psf) / - 60.9 (psf) at 06'-00" through 34.7 (psf) / - 39.1 (psf) at 09'-02".		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ6-09-01311s.pdf Created by Independent Third Party: Yes
15012.3	khI; 2240, 2241, 2250, 2251	09'-00" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +32.0/-36.2 Other: Sectional doors provided for potential "code-plus" applications. Large Missile impact (9 pound missile) and cycling tests were conducted in accordance with ANSI/DASMA 115, ASTM E1886/E1996. Static tests were conducted in accordance with ASTM E330 and ANSI/DASMA 108. These are accepted test methods per FBC 2010 Sections 1609 and 1715. See drawing FZ6i-09-01511 for pressures 32.0 (psf) / - 36.2 (psf) at widths up to 09'-00"		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ6i-09-01511s.pdf Created by Independent Third Party: Yes
15012.4	ki; 2240, 2241, 2250, 2251	08'-00" wide through 09'-11" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Sectional doors provided for potential "code-		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports

	<p>plus" applications. Large Missile impact (9 pound missile) and cycling tests were conducted in accordance with ANSI/DASMA 115, ASTM E1886/E1996. Static tests were conducted in accordance with ASTM E330 and ANSI/DASMA 108. These are accepted test methods per FBC 2010 Sections 1609 and 1715. See drawing FZ7i-09-01511 for pressures and widths 49.9 (psf) / - 56.7 (psf) at 08'-00" through 47.3 (psf) / - 54.5 (psf) at 09'-11"</p>	<p>FL15012_R1_AE_Eval_Rept_s.pdf FL15012_R1_AE_FZ7i-09-01511s.pdf Created by Independent Third Party: Yes</p>
<p>15012.5</p>	<p>kk; 2240, 2241, 2250, 2251</p>	<p>06'-00" wide through 09'-04" wide by 20' high steel sectional door with or without polystyrene insulation.</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ9-09-01311 for pressures and widths 66.5 (psf) / - 77.3 (psf) at 06'-00" through 41.2 (psf) / - 47.9 (psf) at 09'-04"</p> <p>Installation Instructions FL15012_R1_II_Jamb_Attach_Drawings_s.pdf FL15012_R1_II_Supplemental_Instructions_Pan_s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012_R1_AE_Eval_Rept_s.pdf FL15012_R1_AE_FZ9-09-01311s.pdf Created by Independent Third Party: Yes</p>
<p>15012.6</p>	<p>kl; 2240, 2241, 2250, 2251</p>	<p>06'-00" wide through 14'-02" wide by 20' high steel sectional door with or without polystyrene insulation.</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ10-09-01311 for pressures and widths 84.5 (psf) / - 95.8 (psf) at 06'-00" through 25.3 (psf) / - 28.7 (psf) at 14'-02"</p> <p>Installation Instructions FL15012_R1_II_Jamb_Attach_Drawings_s.pdf FL15012_R1_II_Supplemental_Instructions_Pan_s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012_R1_AE_Eval_Rept_s.pdf FL15012_R1_AE_FZ10-09-01311s.pdf Created by Independent Third Party: Yes</p>
<p>15012.7</p>	<p>le; 2240, 2241, 2250, 2251</p>	<p>06'-00" wide through 14'-00" wide by 20' high steel sectional door with or without polystyrene insulation.</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ3-10-01311 for pressures and widths 32.5 (psf) / - 36.7 (psf) at 06'-00" through 10.0 (psf) / - 11.2 (psf) at 14'-00"</p> <p>Installation Instructions FL15012_R1_II_Jamb_Attach_Drawings_s.pdf FL15012_R1_II_Supplemental_Instructions_Pan_s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012_R1_AE_Eval_Rept_s.pdf FL15012_R1_AE_FZ3-10-01311s.pdf Created by Independent Third Party: Yes</p>
<p>15012.8</p>	<p>lf; 2240, 2241, 2250, 2251</p>	<p>06'-00" wide through 15'-02" wide by 20' high steel sectional door with or without polystyrene insulation.</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ4-10-01311 for pressures and widths 38.6 (psf) / - 43.6 (psf) at 06'-00" through 10.1 (psf) / - 11.4 (psf) at 15'-02"</p> <p>Installation Instructions FL15012_R1_II_Jamb_Attach_Drawings_s.pdf FL15012_R1_II_Supplemental_Instructions_Pan_s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012_R1_AE_Eval_Rept_s.pdf FL15012_R1_AE_FZ4-10-01311s.pdf Created by Independent Third Party: Yes</p>
<p>15012.9</p>	<p>lg; 2240, 2241, 2250, 2251</p>	<p>06'-00" wide through 16'-06" wide by 20' high steel sectional door with or without polystyrene insulation.</p> <p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ5-10-01311 for pressures and widths 45.5 (psf) / - 51.3 (psf) at 06'-00" through 10.0 (psf) / - 11.3 (psf) at 16'-06"</p> <p>Installation Instructions FL15012_R1_II_Jamb_Attach_Drawings_s.pdf FL15012_R1_II_Supplemental_Instructions_Pan_s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012_R1_AE_Eval_Rept_s.pdf FL15012_R1_AE_FZ5-10-01311s.pdf Created by Independent Third Party: Yes</p>

15012.10	li; 2240, 2241, 2250, 2251	06'-00" wide through 17'-08" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ6-10-01311 for pressures and widths 52.3 (psf) / - 59.2 (psf) at 06'-00" through 10.1 (psf) / - 11.4 (psf) at 17'-08"		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ6-10-01311s.pdf Created by Independent Third Party: Yes
15012.11	li; 2240, 2241, 2250, 2251	06'-00" wide through 10'-06" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Sectional doors provided for potential "code-plus" applications. Large Missile impact (9 pound missile) and cycling tests were conducted in accordance with ANSI/DASMA 115, ASTM E1886/E1996. Static tests were conducted in accordance with ASTM E330 and ANSI/DASMA 108. These are accepted test methods per FBC 2010 Sections 1609 and 1715. See drawing FZ7i-10-01511 for pressures and widths 49.9 (psf) / - 56.7 (psf) at 06'-00" through 44.7 (psf) / - 51.5(psf) at 10'-06"		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ7i-10-01511s.pdf Created by Independent Third Party: Yes
15012.12	lj; 2240, 2241, 2250, 2251	06'-00" wide through 19'-06" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ8-10-01311 for pressures and widths 63.8 (psf) / - 72.5 (psf) at 06'-00" through 10.1 (psf) / - 11.4 (psf) at 19'-06"		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ8-10-01311s.pdf Created by Independent Third Party: Yes
15012.13	re; 2240, 2241, 2250, 2251	08'-00" wide through 21'-00" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ3-16-01311 for pressures and widths 37.4 (psf) / - 41.6 (psf) at 08'-00" through 10.9 (psf) / - 12.1 (psf) at 21'-00"		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ3-16-01311s.pdf Created by Independent Third Party: Yes
15012.14	rf; 2240, 2241, 2250, 2251	14'-02" wide through 24'-00" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ4-16-01311 for pressures and widths 25.1 (psf) / - 27.9 (psf) at 14'-02" through 10.5 (psf) / - 11.7 (psf) at 24'-00"		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ4-16-01311s.pdf Created by Independent Third Party: Yes
15012.15	rfI; 2240, 2241, 2250, 2251	16'-02" wide by 20' high steel sectional door with or without polystyrene insulation.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes		Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf

<p>Impact Resistant: Yes Design Pressure: +22.2/-24.7 Other: Sectional doors provided for potential "code-plus" applications. Large Missile impact (9 pound missile) and cycling tests were conducted in accordance with ANSI/DASMA 115, ASTM E1886/E1996. Static tests were conducted in accordance with ASTM E330 and ANSI/DASMA 108. These are accepted test methods per FBC 2010 Sections 1609 and 1715. See drawing FZ4i-16-01511 for pressures 22.2 (psf) / - 24.7 (psf) at widths up to 16'-02"</p>		<p>Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ4i-16-01511s.pdf Created by Independent Third Party: Yes</p>
<p>15012.16</p>	<p>rg; 2240, 2241, 2250, 2251</p>	<p>08'-00" wide through 24'-00" wide by 20' high steel sectional door with or without polystyrene insulation.</p>
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ5-16-01311 for pressures and widths 52.4 (psf) / - 58.3 (psf) at 08'-00" through 11.6 (psf) / - 13.0 (psf) at 24'-00"</p>		<p>Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ5-16-01311s.pdf Created by Independent Third Party: Yes</p>
<p>15012.17</p>	<p>rh; 2240, 2241, 2250, 2251</p>	<p>08'-00" wide through 24'-00" wide by 20' high steel sectional door with or without polystyrene insulation.</p>
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ6-16-01311 for pressures and widths 60.2 (psf) / - 67.0 (psf) at 08'-00" through 13.4 (psf) / - 14.9 (psf) at 24'-00"</p>		<p>Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ6-16-01311s.pdf Created by Independent Third Party: Yes</p>
<p>15012.18</p>	<p>rhI; 2240, 2241, 2250, 2251</p>	<p>16'-02" wide by 20' high steel sectional door with or without polystyrene insulation.</p>
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +30.6/-34.1 Other: Sectional doors provided for potential "code-plus" applications. Large Missile impact (9 pound missile) and cycling tests were conducted in accordance with ANSI/DASMA 115, ASTM E1886/E1996. Static tests were conducted in accordance with ASTM E330 and ANSI/DASMA 108. These are accepted test methods per FBC 2010 Sections 1609 and 1715. See drawing FZ6i-16-01511 for pressures 30.6 (psf) / - 34.1 (psf) at widths up to 16'-02"</p>		<p>Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ6i-16-01511s.pdf Created by Independent Third Party: Yes</p>
<p>15012.19</p>	<p>ri; 2240, 2241, 2250, 2251</p>	<p>08'-00" wide through 24'-00" wide by 20' high steel sectional door with or without polystyrene insulation.</p>
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ7-16-01311 for pressures and widths 69.0 (psf) / - 76.8 (psf) at 08'-00" through 15.3 (psf) / - 17.1 (psf) at 24'-00"</p>		<p>Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports FL15012 R1 AE Eval Rept s.pdf FL15012 R1 AE FZ7-16-01311s.pdf Created by Independent Third Party: Yes</p>
<p>15012.20</p>	<p>rj; 2240, 2241, 2250, 2251</p>	<p>08'-00" wide through 24'-00" wide by 20' high steel sectional door with or without polystyrene insulation.</p>
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Sectional doors provided for windload</p>		<p>Installation Instructions FL15012 R1 II Jamb Attach Drawings s.pdf FL15012 R1 II Supplemental Instructions Pan s.pdf Verified By: John E. Scates, P.E. FL-51737 Created by Independent Third Party: No Evaluation Reports</p>

applications. Tested in accordance with ASTM E 330 and ANSI/DASMA 108, which are accepted test methods per FBC 2010 Section 1715. See drawing FZ8-16-01311 for pressures and widths 79.0 (psf) / - 88.8 (psf) at 08'-00" through 17.6 (psf) / - 19.7 (psf) at 24'-00"

[FL15012_R1_AE_Eval_Rept_s.pdf](#)
[FL15012_R1_AE_FZ8-16-01311s.pdf](#)
Created by Independent Third Party: Yes

Go to Page

Page 1 / 2

[Back](#)

[Next](#)

Contact Us :: [1940 North Monroe Street, Tallahassee FL 32399](#) Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#). :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395.
*Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.
To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:

