



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: new acrylic windbreaker panels under existing covered porch

Comments: None

Project Information

Address: 1702 Wind Drift Road, Belle Isle, FL 32812
Parcel ID: 30-23-30-0004-03-060
Property Owner: Williams, Norma
Phone Number: None

Company Name: US Aluminum Services Corp.
Contractor Name: Davila, Thialgo
License Number: CRC1329177
Address: 2211 W. Washington Street, Orlando, FL 32805
Phone Number: 407-237-3128

Permit Number: 2014-11-017

Date of Application: 11/13/2013
Date Permit Issued: 11/19/2013

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 \$

ZONING FEES

Zoning Fee \$

UNIVERSAL ENG - BUILDING FEES

Demo Building \$
Building \$67.50
Fence \$
Driveway \$
Shed \$
Window(s) \$
Door(s) \$
PrePower \$
Electrical \$
Temp Pole \$
Plumbing \$
Mechanical \$
Gas \$
Roofing \$
Boat Dock \$
Screen Encl \$
Swimming Pool \$

SURCHARGE FEES

Surcharge Fee \$2.00
Surcharge Fee \$2.00

TOTAL FEES \$71.50

Date Paid 11-20-13
CC or Check # 1907
Amount Paid 71.50

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 Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? _____
(Footing/Foundation)
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 _____ 2nd _____ (Sewer)
(Underground)
3rd _____ 4th _____ (Final)
(Rough-In/Tub Set)

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/ff094edc4-832d-44bd-9809-ecf32f9e2e63>
login ID = cobi@universalengineering.com password = universal13



City of Belle Isle

1600 Nela Avenue, Belle Isle, FL 32809
Tel 407-851-7730 * Fax 407-240-2222 * www.cityofbelleislefl.org

received
11-13-13

Building Permit (Land Use) Application

DATE: 11/12/13.

PERMIT # 2014-11-017

PROJECT ADDRESS 1702 Wind Drift Rd., Belle Isle, FL 32809 32812

PROPERTY OWNER Williams Norma PHONE 407-237-3128 VALUE OF WORK (labor & material) \$ 5,800.00

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS

New Acrylic windbreakers panels under existing covered porch patio over existing concrete slab.

Please provide information, if applicable.

- Survey specific foundation plan required to show compliance with zoning setbacks
- **BOAT DOCK:** DEP Clearance Required with Application (Call 407-897-4100); please provide a copy of their report
- **PROVIDE SEPTIC RESIDENTAL SYSTEM VERIFICATION** – OC DOCUMENT 64E-6, FOR NEW / ALTERED / ADDITIONS to Septic System
- 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 TAX I.D. NUMBER 30-23-30-0604-03-060.

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 Load Category: A ___ B ___ C (130)

Attached Survey _____ SETS and Construction Plans _____ SETS

SPRINKLERS REQ'D	Y	N	
If Required – SUBMIT COPY OF PLANS FOR FIRE REVIEW			
REVIEW	Date: Sent	RCD	
ZONING	Y	N	\$
CERT OF OCC	Y	N	\$
TRAFFIC	Y	N	\$
SCHOOL	Y	N	\$
FIRE	Y	N	\$
SWIMMING POOL	Y	N	\$
POOL ENCLOSURE	Y	N	\$
BOAT DOCK	Y	N	\$
BUILDING	<u>(Y)</u>	N	\$ <u>67.50</u>
WINDOW(S)	Y	N	\$
DOOR(S)	Y	N	\$
OTHER	Y	N	\$

3% FL SURCHARGE 4.00

TOTAL 71.50

By Owner Form	Y	NA
Notice of Commencement	<u>(Y)</u>	NA
Power of Attorney	Y	NA
Contractor Packet On File?	<u>(Y)</u>	N

OTHER PERMITS REQUIRED:

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

PLANNING & ZONING APPROVAL: _____
DATE _____

PLEASE COMPLETE for Building Review

CONSTRUCTION TYPE _____
 OCCUPANCY GROUP Comm Res: Single Fam Multi Fam
 #BLDG. _____ #UNITS_#STORIES _____ TOTAL SQ.FT. _____
 MAX. FLOOR LOAD _____ MAX. OCCUPANCY _____
 MIN. FLOOD ELEV. _____ LOW FLOOR ELEV. _____
 WATER SERVICE WELL SEPTIC

BUILDING REVIEWER _____ DATE _____
NOTES _____

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."

Waste Management 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 Waste Management at 407-788-0800 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 Waste Management. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.



City of Belle Isle
 1600 Nela Avenue, Belle Isle, FL 32809
 Tel 407-851-7730 * Fax 407-240-2222 * www.cityofbelleislefl.org

Building Permit (Land Use) Application

To be completed as required by State Statute Section 713 and other applicable sections.

Owner's Name Williams Norma D. PERMIT #
 Owner's Address 1702 Wind Drift Rd. Orlando Fl. 32809.
 Fee Simple Titleholder's Name (If other than owner's) _____
 Address _____ City _____ State _____ Zip Code _____

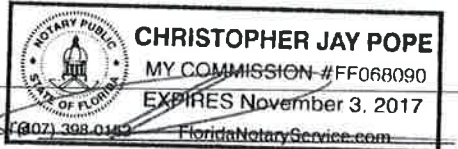
Contractor's Name <u>US-Aluminum Services</u>	Architect/Engineer's Name <u>Leonard G. Wood P.E.</u>
Contractor's Address <u>2211 W. Washington St</u>	Architect/Engineer's Address <u>4034 The Fenway</u>
City, State, ZIP <u>Orl, FL, 32805</u>	City, State, ZIP <u>Mulberry FL 33565</u>
License # <u>CRC1329177</u>	License # <u>47377</u>
Contact Phone/Cell <u>407-237-3128</u>	Contact Phone/Cell <u>863-430-2717</u>
Contact Email <u>Permitting@us-Aluminum.com</u>	Contact Email _____

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 ELECTRICAL, MECHANICAL, PLUMBING, GAS, SIGNS, POOLS, 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.

Owner Signature [Signature]
 The foregoing instrument was acknowledged before me this 11/12/13
 by Norma Williams who is personally known to me
 and who produced Drivers License
 as identification and who did not take an oath.
 Notary as to Owner _____
 State of Florida _____
 County of Orange _____



Contractor Signature [Signature]
 The foregoing instrument was acknowledged before me this 11/12/13
 by Thiago Davila 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 _____



Impervious Surface Ratio Worksheet
 Development Zoned A-1, A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per Section 50-74 Impervious Surface Ratio of the City Code

- Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE).
 Total Lot Area 14,514 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.
 - House 2,268
 - Driveway 1,054
 - Walkway 75
 - Accessory Buildings 60
 - Pool & Spa _____
 - Deck & Patio 375
 - Other _____
 Actual Impervious Area (AIA) 3,832 / 14,514 = 0.26%
- 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 must be provided.

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

PROJECT NUMBER 0115.1300761.0000

TASK NUMBER 01

CITY OF BELLE ISLE
Permit Application Review Sheet

Permit Number	2014-11-017
Property Owner	Williams
Address	1702 Wind Drift Rd
Nature of Improvement	Building
Received Application	11-13-13
Sent for Stormwater Review	/
Stormwater Approved	/
Sent for Zoning Review	/
Zoning Approved	/
Applied for Variance	/
Variance Approved	/
Sent to BO for Review	11-13-13
Building Official Approved	11-13-2013
Comments	
1.	11-13-13 cq Per Angel, I emailed Uplando to verify zoning fee
2.	
3.	11-19-13 cq emailed contractor it's ready
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	

Collina / Marivon
 Can you verify that a zoning fee is required?
 I added \$165.00 to that column, but NOT SURE if I should have had -
 emailed Yo Angel
 11-13-13

POWER OF ATTORNEY

Date: 11/12/13

I hereby name and appoint DAVID/JUDY MERCER

Of US Aluminum Serv. Corp. to be my lawful attorney

In fact to act for me and apply to the City of Belle Isle - Universal E.

Building Department for a New Acrylic Windbreakers Panel. permit

For work to be performed at a location described as:

Section 30 Township 23 Range 30 Lot 6 Block C

Subdivision Belle Isle Pines unit 2

* Williams Norma * 1702 Wind Drift Rd Orlando FL 32809

(Owner of Property and Address)

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

Thiago Davila / CRC 1329177

(Type or Print Name of Registered or Certified Contractor and Contractor's License Number)



(Signature of Registered or Certified Contractor)

The foregoing instrument was acknowledged before me this 12 day of November of 20 13

By Thiago Davila who is personally known to me / who produced N/A as identification and

Who did not take oath.

State of Florida

County of Orange



Notary Public, Orange County, Florida

Seal

Permit Number: _____
Folio/Parcel Identification Number: _____
Prepared by: _____

Return to: US Aluminum Services Corp
2211 W. Washington Street, Orlando, FL. 32805



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.

1. **Description of property** (legal description of the property, and street address if available)

New Acrylic windbreakers 1702 Wind Drift Road

2. **General description of improvement**

New Acrylic windbreakers

3. **Owner information or Lessee information if the Lessee contracted for the improvement**

Name Norma Williams

Address 1702 Wind Drift Rd. Bldg A/A 2 32809

Interest in Property _____

Name and address of fee simple titleholder (if different from Owner listed above)

Name _____

Address _____

4. **Contractor**

Name US Aluminum Services Corp Telephone Number 407-237-3126

Address 2211 W. Washington Street, Orlando, FL. 32805

5. **Surety** (if applicable, a copy of the payment bond is attached)

Name _____ Telephone Number _____

Address _____ Amount of Bond \$ _____

6. **Lender**

Name _____ Telephone Number _____

Address _____

7. **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 _____

8. **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 _____

9. **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)



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: [Signature] Deputy Comptroller
Dated: _____

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

The foregoing instrument was acknowledged before me this 11 day of Nov/2013 by Norma Williams
month/year name of person

as Owner for _____
Type of authority, e.g., officer, trustee, attorney in fact Name of party on behalf of whom instrument was executed

[Signature] Signature of Notary Public - State of Florida
CHRISTOPHER JAY POPE
Notary Public
MY COMMISSION # FF060990
EXPIRES November 3, 2017
FloridaNotaryService.com

Personally Known _____ OR Produced ID X
Type of ID Produced DL

Like 3.1k

Searches Sales Search Results **Property Record Card** My Favorites Sign up for e-Notify...

1702 Wind Drift Rd < 30-23-30-0604-03-060 >

Name(s) Williams Norma D Tr
 Mailing Address On File 1702 Wind Drift Rd
 Belle Isle, FL 32809-6841
 Incorrect Mailing Address?

Physical Street Address 1702 Wind Drift Rd
 Postal City and Zipcode Orlando, FL 32809
 Property Use 0101 - Single Family
 Municipality Belle Isle



Values, Exemptions and Taxes Property Features Sales Analysis Location Info Market Stats Update Information

Property Description

BELLE ISLE PINES UNIT 2 7/2 LOT 6 BLK C


Total Land Area 14,514 sqft (+/-) | 0.33 acres (+/-) GIS Calculated Notice

Land

Land Use Code	Zoning	Land Units	Unit Price	Land Value	Class Unit Price	Class Value
0100 - Single Family	R-1-AA	1 LOT(S)	\$55,000.00	\$55,000	\$0.00	\$55,000

Page 1 of 1 (1 total records)

Buildings

Important Information		Structure			
	Model Code: 01 - Single Fam Residence	Actual Year Built: 1977	Gross Area: 3170 sqft		
	Type Code: 0101 - Single Family	Beds: 3	Living Area: 2836 sqft		
	Building Value: \$114,733	Baths: 2.0	Exterior Wall: Concrete Block Stucco		
	Estimated New Cost: \$183,397	Floors: 1	Interior Wall: Drywall		

Page 1 of 1 (1 total records)

Extra Features

Description	Date Built	Units	XFOB Value
FPL1 - Basic Fireplace	01/01/1977	1 Unit(s)	\$1,500
SCR2 - Scrn Enc 2	01/01/1977	1 Unit(s)	\$5,000

Page 1 of 1 (2 total records)

This Data Printed on 10/30/2013 and System Data Last Refreshed on 10/29/2013

Site Notice • About Us • Contact Us • OCPAFL Home • Property Search
 Orange County Property Appraiser • 200 S. Orange Avenue, Suite 1700 • Orlando, FL 32801
 Office Hours: 8:00 a.m. to 5:00 p.m. Monday - Friday • Phone: 407.836.5044
 Copyright © 2010 Orange County Property Appraiser. All rights reserved.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/13/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER All Coast Insurance Services, Inc. 7575 Dr. Phillips Blvd., Ste 245 Orlando, FL 32819	CONTACT NAME: PHONE (A/C, No, Ext): 407-704-8750 FAX (A/C, No): 407-704-8751 E-MAIL ADDRESS: info@allcoastins.com
	INSURER(S) AFFORDING COVERAGE INSURER A: Florida Citrus, Business & Industries Fund INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
INSURED US Aluminum Services Corp. 2211 West Washington Street Orlando FL 32805	NAIC #

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSP WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N N/A	10641666	04/01/2013	04/01/2014	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER City of Belle Isle 1600 Nela Ave. Belle Isle, FL 32809 FAX: 407-581-0313	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--



STATE OF FLORIDA
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 CONSTRUCTION INDUSTRY LICENSING BOARD
 1940 NORTH MONROE STREET
 TALLAHASSEE FL 32399-0783

(850) 487-1395

DAVILA, THIAGO B
 U S ALUMINUM SERVICES CORP
 2211 WEST WASHINGTON STREET
 ORLANDO FL 32805

Congratulations! With this license you become one of the nearly one million
 Florida licensees issued by the Department of Business and Professional Regulation.
 Our professionals and businesses range from architects to yacht brokers, from
 restaurateurs to barbecue restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better.
 For information about our services, please log onto www.myfloridalicense.com.
 There you can find more information about our divisions and the regulations that
 impact you, subscribe to department newsletters and learn more about the
 department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We
 constantly strive to serve you better so that you can serve your customers.
 Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

THIS DOCUMENT HAS A COLORED BACKGROUND • MICROPRINTING • LINEMARK™ PATENTED PAPER

721-305

STATE OF FLORIDA
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 CONSTRUCTION INDUSTRY LICENSING BOARD

DATE	BATCH NUMBER	LICENSE NBR	SEQ#
02/2013	120258552	CRC1329177	L13010200752

RESIDENTIAL CONTRACTOR
 as defined below IS CERTIFIED
 under the provisions of Chapter 489,
 Florida Statutes, effective
 expiration date: AUG 31, 2014

DAVILA, THIAGO B
 U S ALUMINUM SERVICES CORP
 2211 WEST WASHINGTON STREET
 ORLANDO FL 32805

GREAT SEAL OF THE STATE OF FLORIDA
 IN GOD WE TRUST

RICK SCOTT
 GOVERNOR

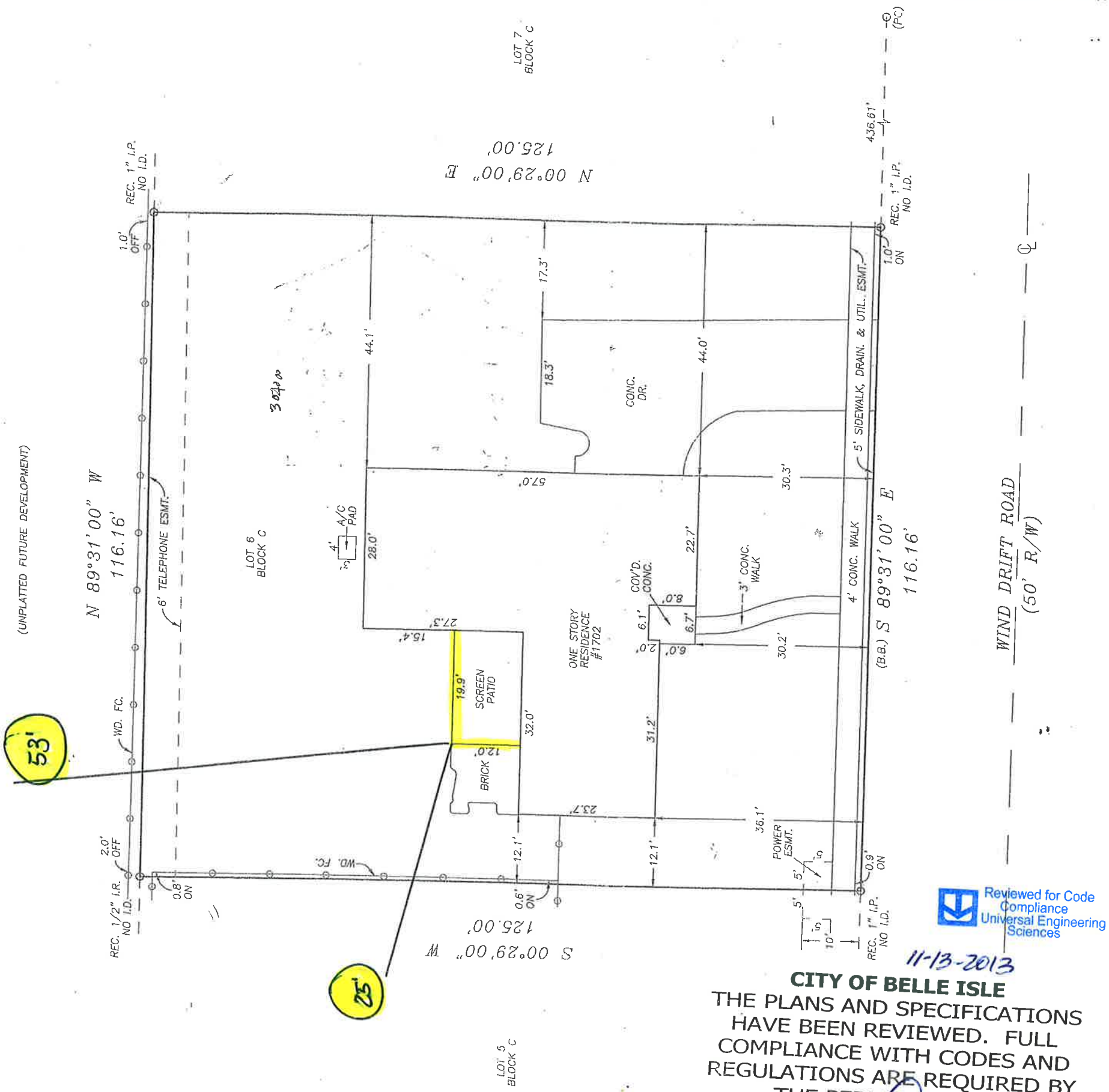
KEN LAWSON
 SECRETARY

DISPLAY AS REQUIRED

DESCRIPTION AS FURNISHED: Lot 6, Block C, BELLE ISLE PINES UNIT II, as recorded in Plat Book 7, Page 2 of the Public Records of Orange County, Florida.

BOUNDARY SURVEY FOR / CERTIFIED TO: Norma D. Williams

New Acrylic windbreakers panel 20'x12' - over existing slab under existing covered porch area.



11-13-2013
CITY OF BELLE ISLE
 THE PLANS AND SPECIFICATIONS HAVE BEEN REVIEWED. FULL COMPLIANCE WITH CODES AND REGULATIONS ARE REQUIRED BY THE PERMIT HOLDER
 APPROVED *[Signature]* BU1557



GRUSENMEYER-SCOTT & ASSOC., INC. - LAND SURVEYORS

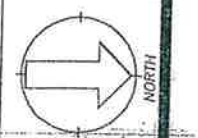
5400 E. COLONIAL DR. ORLANDO, FL. 32807 (407)-277-3232 FAX (407)-658-1436
 NOTES: 1. THE UNDERSIGNED DOES HEREBY CERTIFY THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER SJ-17 OF THE FLORIDA ADMINISTRATIVE CODE

- 2. UNLESS EMBOSSED WITH SURVEYOR'S SEAL, THIS SURVEY IS NOT VALID AND IS PRESENTED FOR INFORMATIONAL PURPOSES ONLY.
- 3. THIS SURVEY WAS PREPARED FROM TITLE INFORMATION FURNISHED TO THE SURVEYOR. THERE MAY BE OTHER RESTRICTIONS OR EASEMENTS THAT AFFECT THIS PROPERTY.
- 4. NO UNDERGROUND IMPROVEMENTS HAVE BEEN LOCATED UNLESS OTHERWISE SHOWN.
- 5. THIS SURVEY IS PREPARED FOR THE SOLE BENEFIT OF THOSE CERTIFIED TO AND SHOULD NOT BE RELIED UPON BY ANY OTHER ENTITY.
- 6. DIMENSIONS SHOWN FOR THE LOCATION OF IMPROVEMENTS HEREON SHOULD NOT BE USED TO RECONSTRUCT BOUNDARY LINES.
- 7. BEARINGS, ARE BASED ASSUMED DATUM AND ON THE LINE SHOWN AS BASE BEARING (B.B.)
- 8. ELEVATIONS, IF SHOWN, ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929, UNLESS OTHERWISE NOTED.
- 9. CERTIFICATE OF AUTHORIZATION No. 4596.

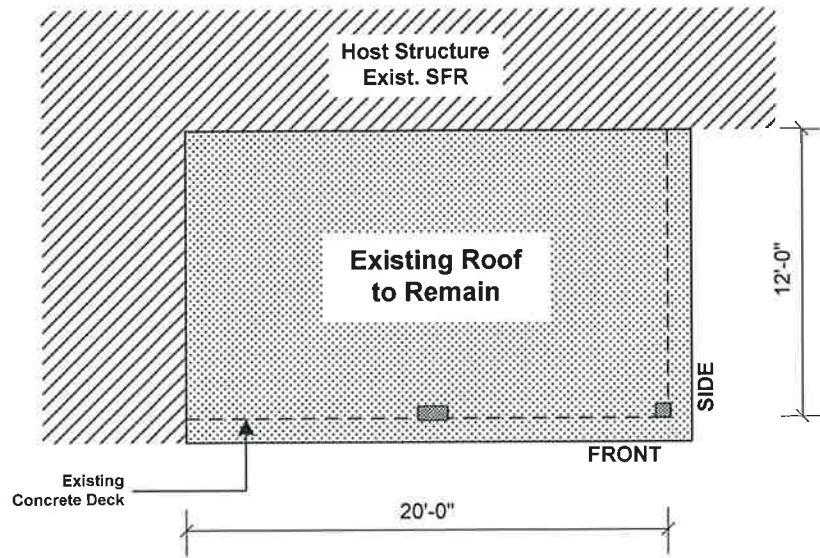
LEGEND -	LEGEND -
P I.P.	RADIUS
S.M.	ARC LENGTH
REC.	CHORD
P.D.B.	CHORD BEARING
P.D.C.	POINT ON LINE
W.P.	TYPICAL
W.P.	POINT OF REVERSE CURVATURE
W.P.	POINT OF COMPOUND CURVATURE
W.P.	NON-TANGENTIAL
W.P.	WITNESS POINT
W.P.	CALCULATED
W.P.	PERMANENT REFERENCE MONUMENT
W.P.	FINISHED FLOOR ELEVATION
W.P.	BUILDING SETBACK LINE
W.P.	CONCRETE WALK
W.P.	BASE BEARING
W.P.	DESCRIPTION

CERTIFIED BY: *[Signature]*
 TOM GRUSENMEYER, R.L.S. # 4714
 JAMES W. SCOTT, R.L.S. # 4801

THIS BUILDING/PROPERTY DOES NOT LIE WITHIN THE ESTABLISHED 100 YEAR FLOOD PLANE AS PER "FIRM" ZONE "X" PANEL # 120181 0430 F

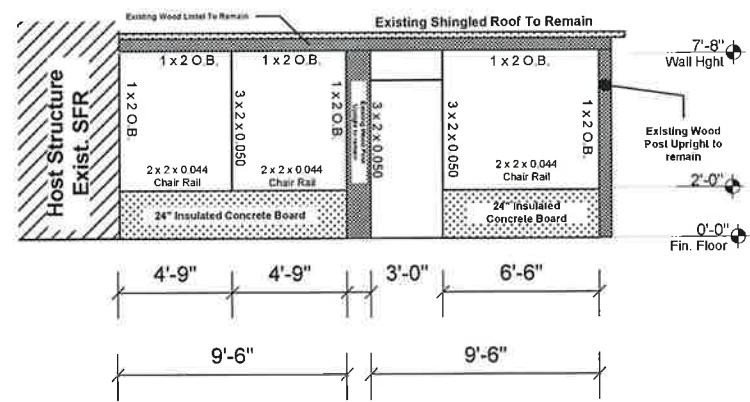


SCALE: 1" = 20'
 DATE: _____
 BOUNDARY SURVEY: 04-28-11
 ORDER No. 875-11

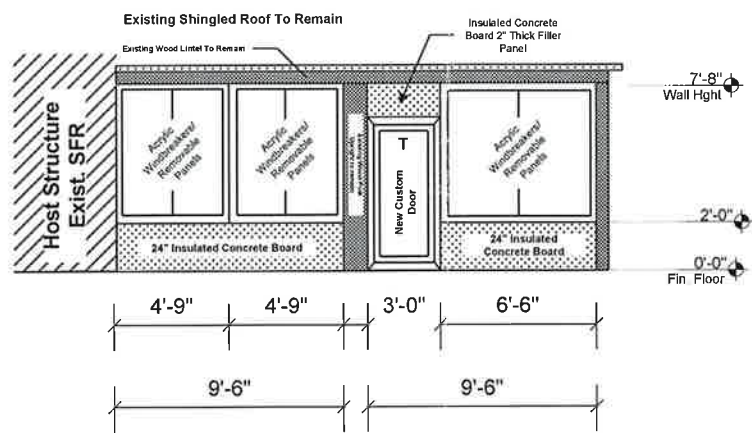


EXISTING ROOF

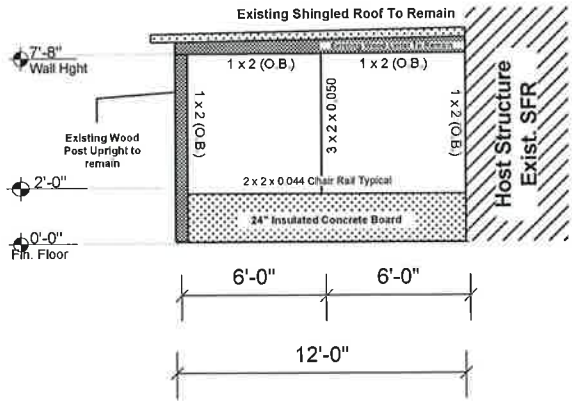
**NEW ACRYLIC WIDBREAKER
PANELS UNDER EXISTING ROOF
OVER EXISTING CONCRETE SLAB**



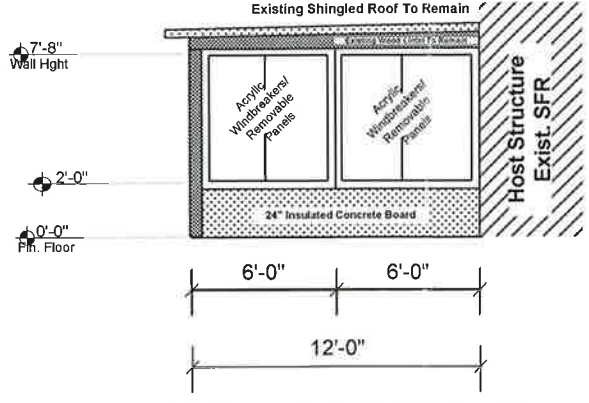
FRONT/FRAME



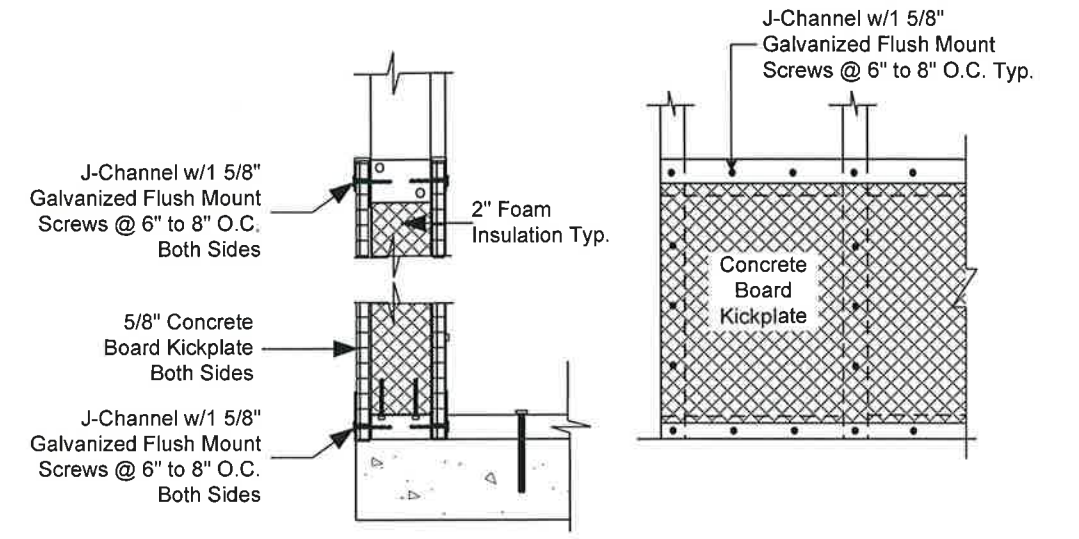
**FRONT/DOOR/ACRYLIC
WINDBREAKER PANEL**



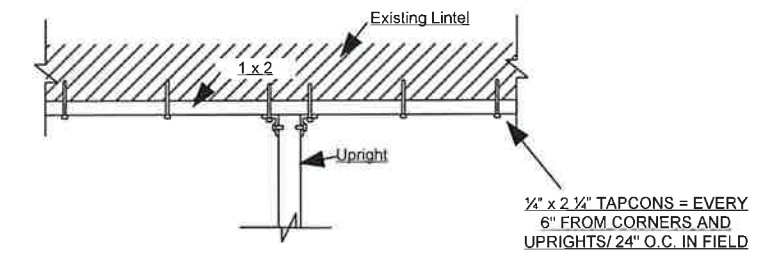
RIGHT/FRAME



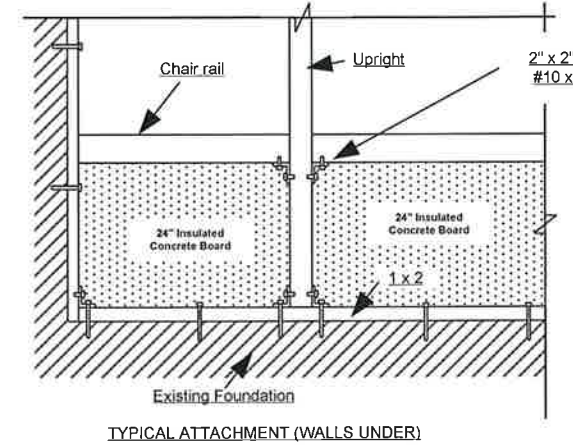
**RIGHT/ACRYLIC
WINDBREAKERS PANEL**



**TYPICAL INSULATED CONCRETE BOARD
ATTACHMENT DETAIL**



TYPICAL ATTACHMENT (WALLS UNDER)



TYPICAL ATTACHMENT (WALLS UNDER)

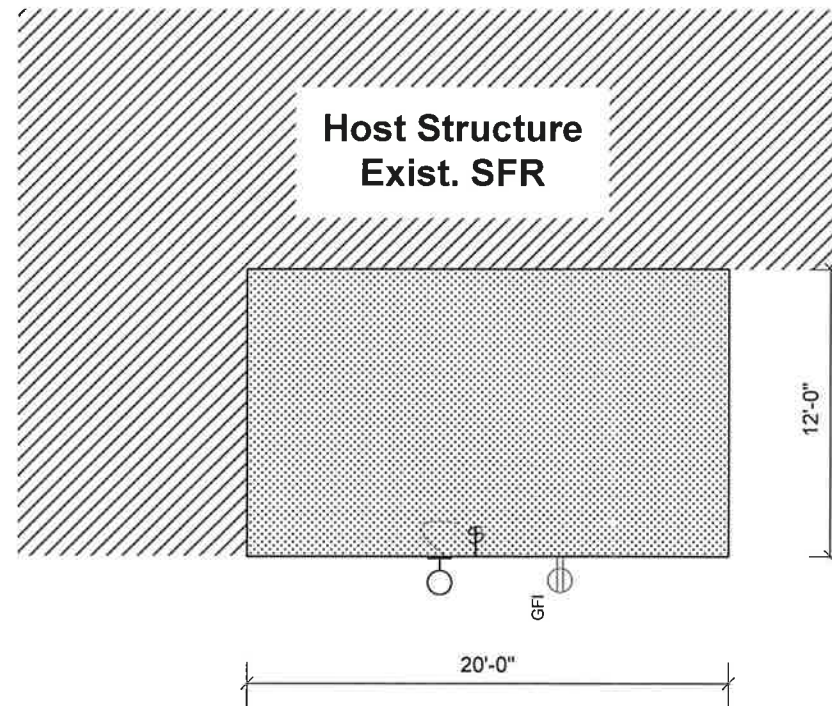


Ultimate Wind Speed 130 MPH
Design Wind Speed 130 MPH
Nominal Wind Speed 101 MPH
Wind Force FBC 1609
Exposure Category C
Design Wind Pressure for Components Maximum
- 41.2 PSF
Roof Live Load = 20 PSF
Floor Live Load = 40 PSF
Soil Bearing = 1500 PSF
Risk Category I

Notes:
- Acrylic Windbreakers Removable Panels
- T= Tempered

 US ALUMINUM SVCS CORP. 2211 W. Washington St. Orlando - FL 32805 Phone: 407-237-3128 Fax: 407-237-3129	Date: 11/05/13 Client Information: Client: Williams, Norma Phone: 407-205-5345 Address: 1702 Wind Drift Road Belle Isle, FL 32809	These standards and plans meet the 2010 Florida Building Code Building, Section 1609 Leonard G. "Geoff" Wood, P.E. #47377	Revision -/- Description
	Project Information: Style: Studio Sun Room Color: Bronze Screen: 18x14 Doors: 1 Full View Scale: 1/8" = 1'-0"	LEONARD G. "GEOFF" WOOD ENGINEER Leonard G. "Geoff" Wood, P.E. #47377 3704 Bruton Road Plant City, FL 33565 Telephone/ Fax (863) 646-5517 Mobile (863) 430-2717	Checked By: SG Drawn By: EK Page: 1 of 2

ELECTRICAL LAYOUT









ELECTRICAL PLAN



Ultimate Wind Speed 130 MPH
 Design Wind Speed 130 MPH
 Nominal Wind Speed 101 MPH
 Wind Force FBC 1609
 Exposure Category C
 Design Wind Pressure for
 Components Maximum
 - 41.2 PSF
 Roof Live Load = 20 PSF
 Floor Live Load = 40 PSF
 Soil Bearing = 1500 PSF
 Risk Category I

ELECTRICAL SYMBOLS LEGEND
 Symbols Are General and May Not All Be Used

-  Ceiling Fan
-  Electrical Outlet
-  Ground Fault Interrupt Outlet
-  Weather Proof Ground Fault Interrupt Outlet
-  Light Switch
-  Light Fixture

Date: 11/05/13
Client Information: Client: Williams, Norma Phone: 407-205-5345 Address: 1702 Wind Drift Road Belle Isle, FL 32809
Project Information: Style: Studio Sun Room Color: Bronze Screen: 18x14 Doors: 1 Full View
Scale: 1/8" = 1'-0"

These standards and plans meet the 2010 Florida Building Code Building, Section 1609

Leonard G. "Geoff" Wood, P.E. #47377

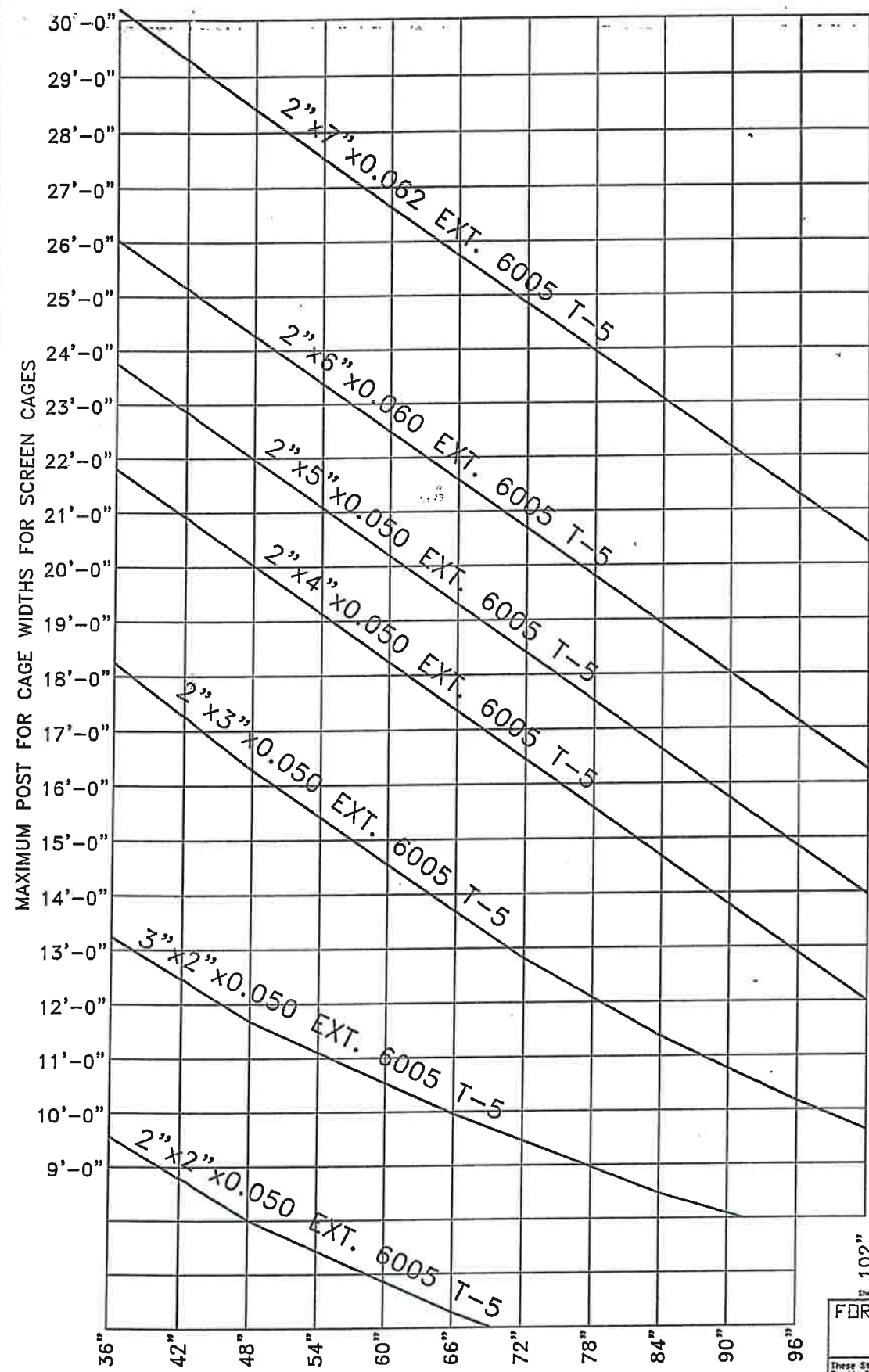
Leonard G. Wood 11/5/13

LEONARD G. "GEOFF" WOOD
 ENGINEER

Leonard G. "Geoff" Wood, P.E. #47377
 3704 Bruton Road
 Plant City, FL 33565
 Telephone/ Fax (863) 646-5517
 Mobile (863) 430-2717

Revision	Description
-/-	

Page: 2 of 2
 Drawn By: EK
 Checked By: SG



ALUMINUM WALL HEIGHT FOR 130 MPH SCREEN CAGES

NOTE: THE ADDITION OF 2"x 2" ALUMINUM PURLINS WILL INCREASE THE STRENGTH AND ADD TO THE LENGTH IF 48" O.C. ADD 15% TO BEAM LENGTH

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Sheet 102 of 102

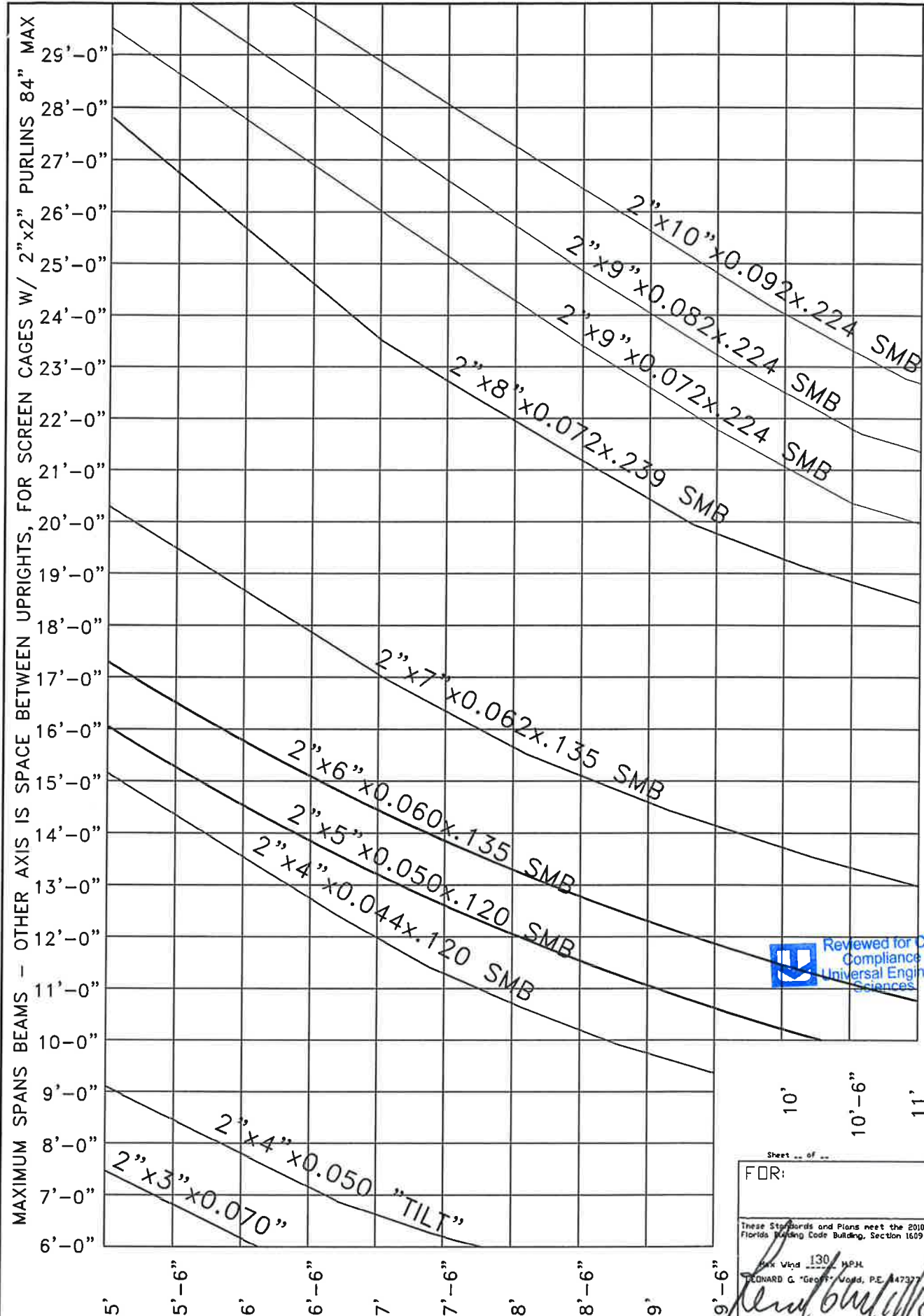
FOR:

These Specifications and Plans meet the 2010 Florida Building Code Building, Section 1607

Rev. Wind 130 MPH
 LEONARD G. "GEOFF" WOOD, P.E. 17377

Leonard G. Wood

LEONARD G. "GEOFF" WOOD
 ENGINEER
 Leonard G. Wood, P.E. 847377
 4034 The Fenway
 Mulberry, Florida 33860
 Telephone/Fax (863) 943-5031
 Mobile (863) 430-2717



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10' 10'-6" 11'

Sheet .. of ..

FOR:

These Standards and Plans meet the 2010 Florida Building Code Building, Section 1609

130 MPH
 LEONARD G. "GEOFF" WOOD, P.E. #47377

Leonard G. Wood

LEONARD G. "GEOFF" WOOD
 ENGINEER
 Leonard G. Wood, P.E. #47377
 4034 The Fenway
 Mulberry, Florida 33860
 Telephone/Fax (863) 943-5031
 Mobile (863) 430-2717

MAXIMUM TRIBUTARY WIDTHS OF BEAMS WITH 6063 ALLOY
 EDGE BEAMS AND CENTER BEAMS
 BEAM SPAN CURVES - 130 MPH WIND VELOCITY



Acrylic/Vinyl Building Code Note

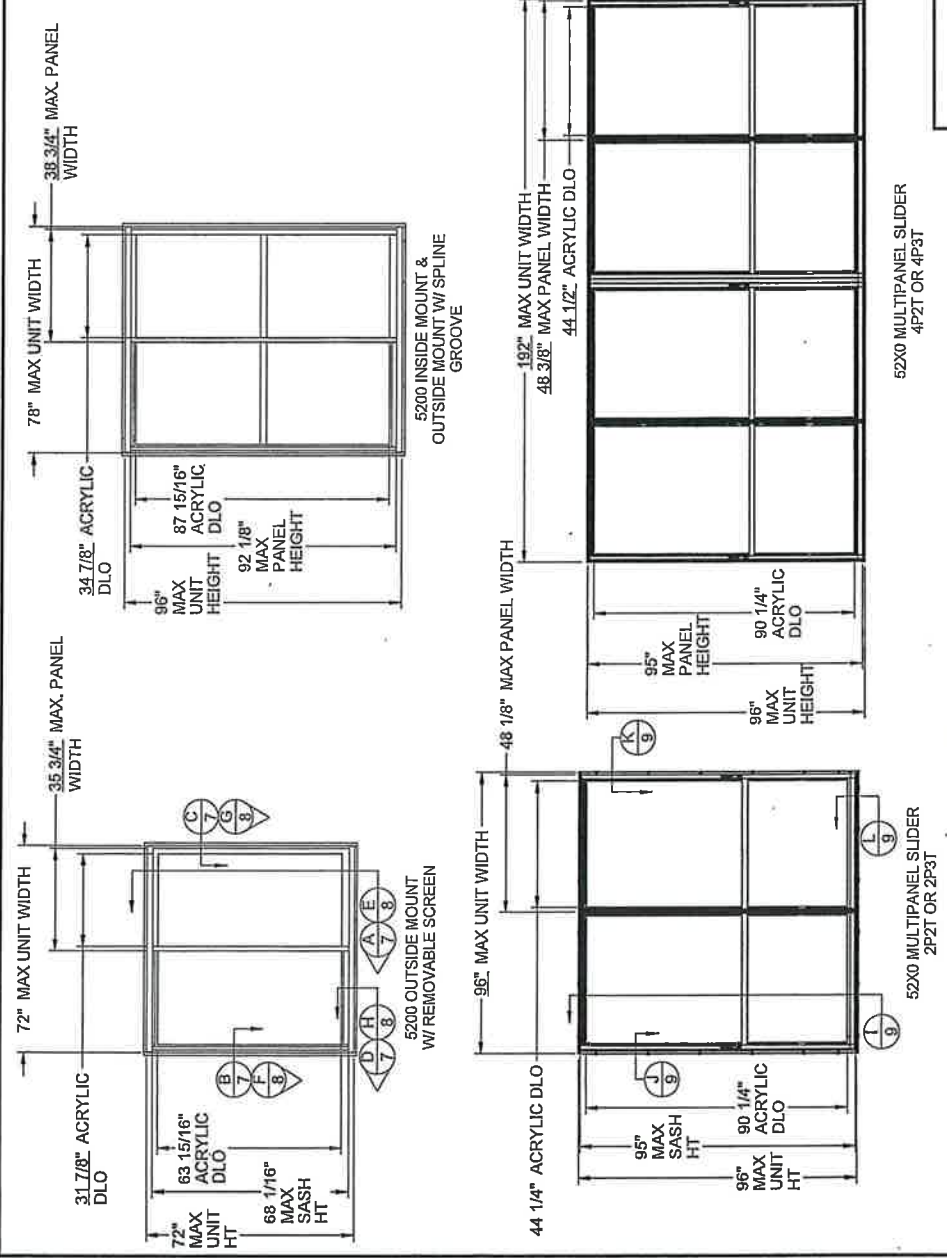
Vinyl Film and Acrylic Windbreakers are no longer part of Rule 9B72.060 as they are removable and must have a label adhered per Chapter 20 of the Florida Building Code 2010.

As such products with acrylic or vinyl will have a label with the following text affixed:



In addition Prime Doors with Acrylic or Vinyl film Windbreakers installed meet the windbreaker requirement when the doors are open or the Acrylic/Vinyl is removed.





ACRYLIC SLIDER "WINDBREAKER" REQUIREMENT

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT VERSION OF THE FLORIDA BUILDING CODE.
2. GLAZING OPTIONS:
- FULL PANEL ACRYLIC SHEET
- SPLIT ACRYLIC SHEET WITH USE OF CENTERBAR
3. APPROVED CONFIGURATIONS:
"XX" ISM W/ SPLINE GROOVE
"XX" OSM W/ SPLINE GROOVE
"XX" OSM W/ REMOVABLE SCREEN
"XX" INTERIOR SGD FRAME MULTIPANEL
"XX" EXTERIOR SGD FRAME MULTIPANEL
"XX" W/ SCREEN INTERIOR SGD FRAME MULTIPANEL
"XXXX" INTERIOR SGD FRAME MULTIPANEL
"XXXX" W/ SCREEN INTERIOR SGD FRAME MULTIPANEL
"XXXX" W/ SCREEN EXTERIOR SGD FRAME MULTIPANEL
4. WINDBREAKER REQUIREMENT:
VENTS TO BE REMOVED AT WINDS GREATER THAN 75 M.P.H. AS PER SECTION 2002.3 OF THE FLORIDA BUILDING CODE.
5. ANCHORAGE: THE 33 1/8% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 9-11 FOR ANCHOR DETAIL.
6. ALL FRAMES AND VENTS SCREWED TOGETHER.
7. REFERENCE TEST REPORT: CTLA-1162W
8. SERIES / MODEL DESIGNATIONS - ISM/OSM - HS-5200 MULTIPANEL - HS-52X0
9. WOOD BUCK OR STUD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD.
10. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.



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OCALA, FLORIDA 34474

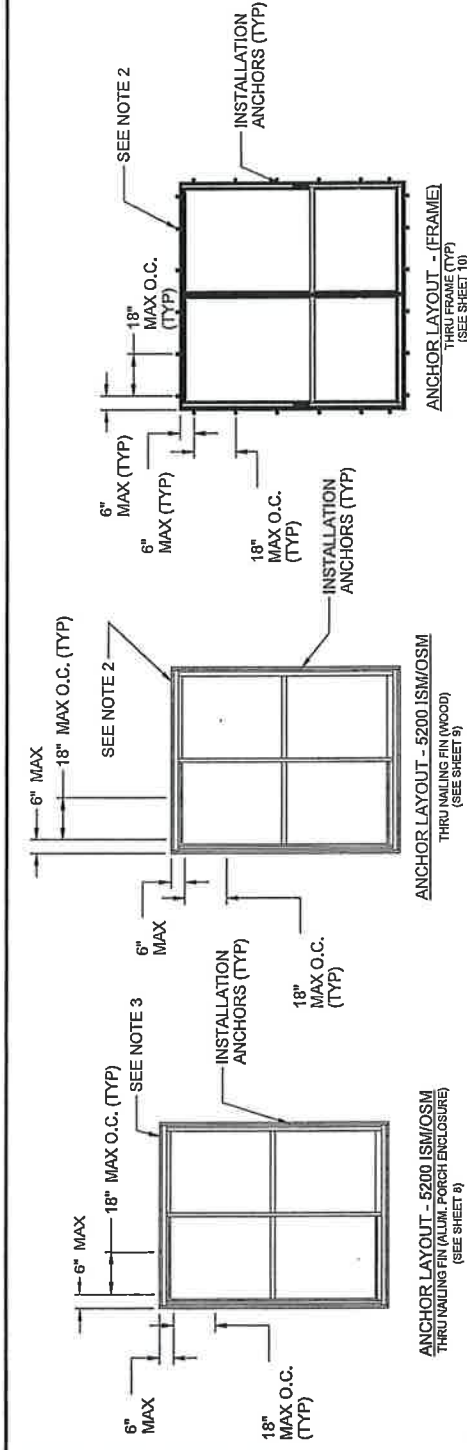
TITLE: GENERAL NOTES & ELEVATIONS
DRAWN BY: BAT
SCALE: NTS
REV. LETTER: CWS-183
DATE: 4/20/2012
SHEET: 1 OF 11



TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS.....	1
ANCHOR SCHEDULE & NOTES.....	2
SECTION VIEWS (5200).....	3
SECTION VIEWS (52X0).....	4
B.O.M.'S.....	5
EXTRUSIONS (5200).....	6
EXTRUSIONS (52X0).....	7
INSTALLATION DETAIL.....	8-10

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WINDOW SYSTEMS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM WINDOW SYSTEMS, INC. IS PROHIBITED.



NOTES:

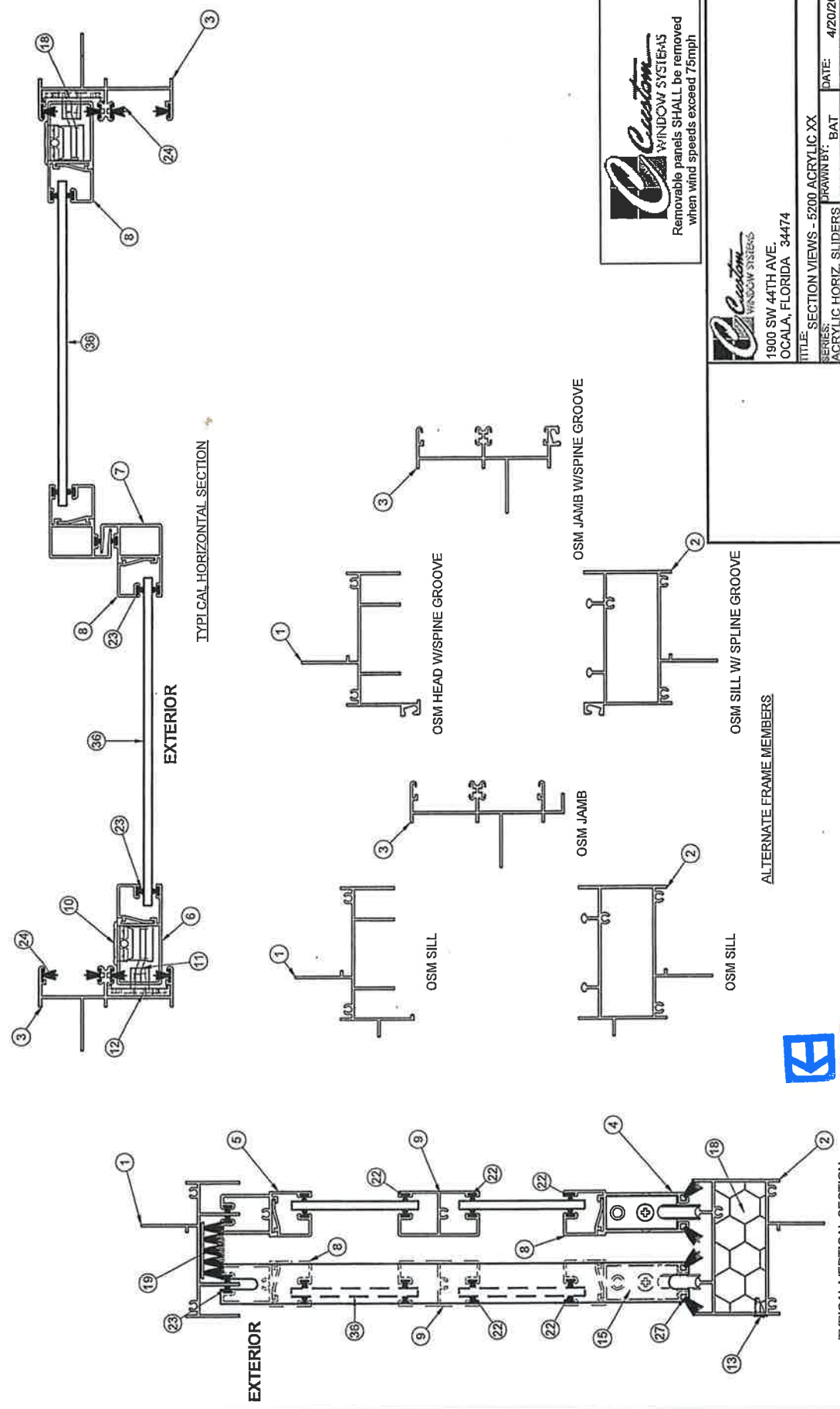
1. INSTALL ONE ANCHOR AT EACH LOCATION.
2. INTO CONCRETE/MASONRY OR WOOD: SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
3. INTO ALUMINUM: SHIM AS REQ AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/8". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
4. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
5. 3/16" DIA. ELCO TAPCON (OR EQUIV.) MASONRY ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/4" INTO MASONRY THRU FRAME OR THRU 1 BY WOOD BUCK INTO MASONRY. A MINIMUM EDGE DISTANCE OF 2 1/2" SHALL BE ACHIEVED.
6. #10 WOOD SCREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/2" INTO 2 BY WOOD BUCK.
7. #8 WOOD SCREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/2" INTO 2 BY WOOD BUCK FOR FIN INSTALLATION.
8. SEAL CORNERS WITH SMALL JOINT SEAM SEALANT.
9. ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
10. #8 X 3/4" SHEET METAL SCREW ANCHORS MUST BE USED WITH FULL THREAD ENGAGEMENT INTO ALUMINUM ENCLOSURES.
11. AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.

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 OCALA, FLORIDA 34474

TITLE: ANCHOR SCHEDULE & NOTES	
SERIES: ACRYLIC HORIZ. SLIDERS	DRAWN BY: BAT
MODEL: 5200/52X0	SCALE: NTS
REV. LETTER:	DATE: 4/20/2012
	DWG. NO.: CWS-183
	SHEET: 2 OF 11



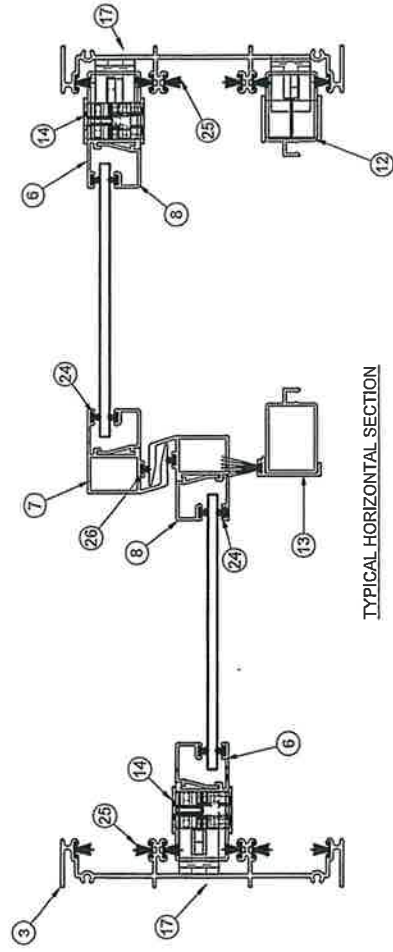
Custom WINDOW SYSTEMS
 Removable panels SHALL be removed when wind speeds exceed 75mph

Custom WINDOW SYSTEMS
 1900 SW 44TH AVE.
 OCALA, FLORIDA 34474

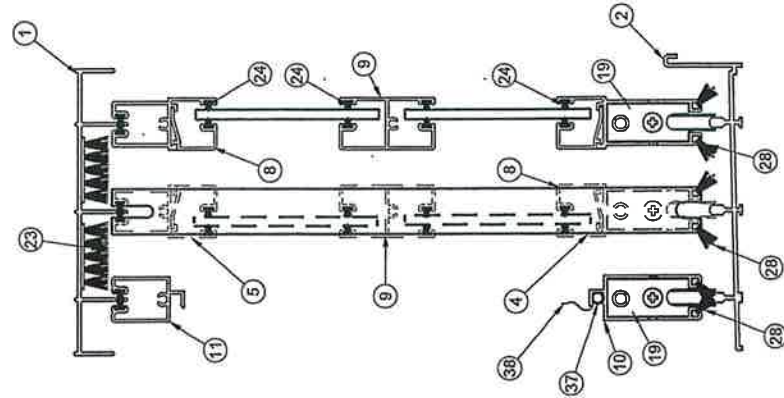
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 SERIES: ACRYLIC HORIZ. SLIDERS
 MODEL: 5200/52X0
 DRAWN BY: BAT
 SCALE: NTS
 REV. LETTER:
 DATE: 4/20/2012
 DWG. NO.: CWS-183
 SHEET: 3 OF 11

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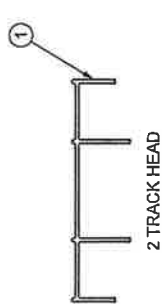
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 Universal Engineering Sciences



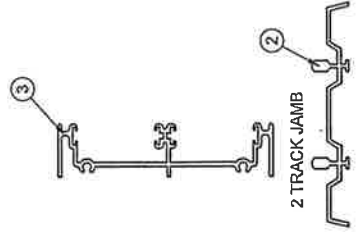
TYPICAL HORIZONTAL SECTION



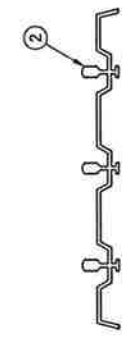
TYPICAL VERTICAL SECTION



2 TRACK HEAD



2 TRACK INT. SILL
ALTERNATE FRAME MEMBERS



3 TRACK INT. SILL

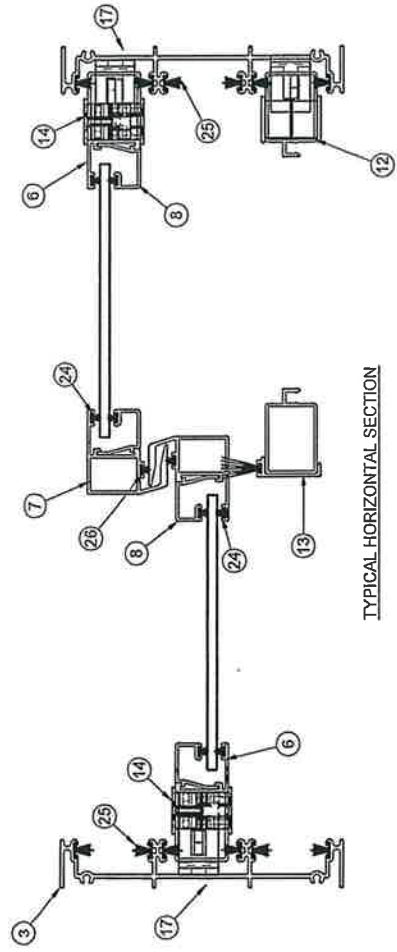
Custom WINDOW SYSTEMS
Removable panels SHALL be removed when wind speeds exceed 75mph

Custom WINDOW SYSTEMS
1900 SW 44TH AVE.
OCALA, FLORIDA 34474

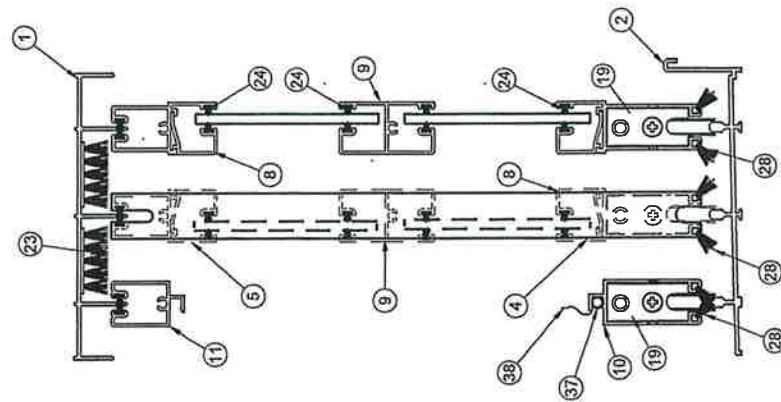
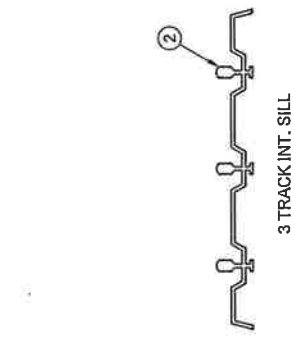
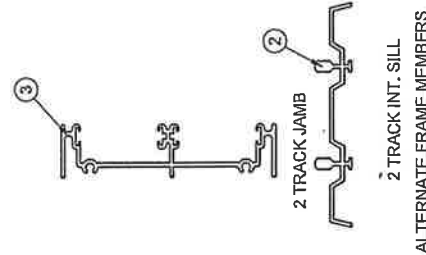
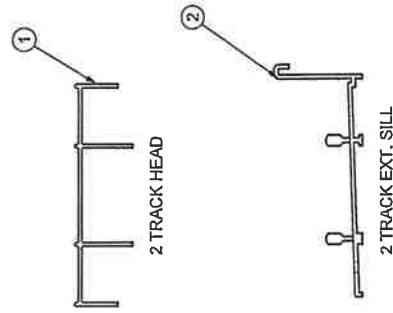
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DRAWN BY: BAT	DATE: 4/20/2012
SERIES: ACRYLIC HORIZ. SLIDERS	SCALE: NTS
MODEL: 5200/52X0	DWG. NO.: CWS-183
REV. LETTER	SHEET: 4 OF 11

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TYPICAL HORIZONTAL SECTION



TYPICAL VERTICAL SECTION

Custom
WINDOW SYSTEMS
Removable panels SHALL be removed
when wind speeds exceed 75mph

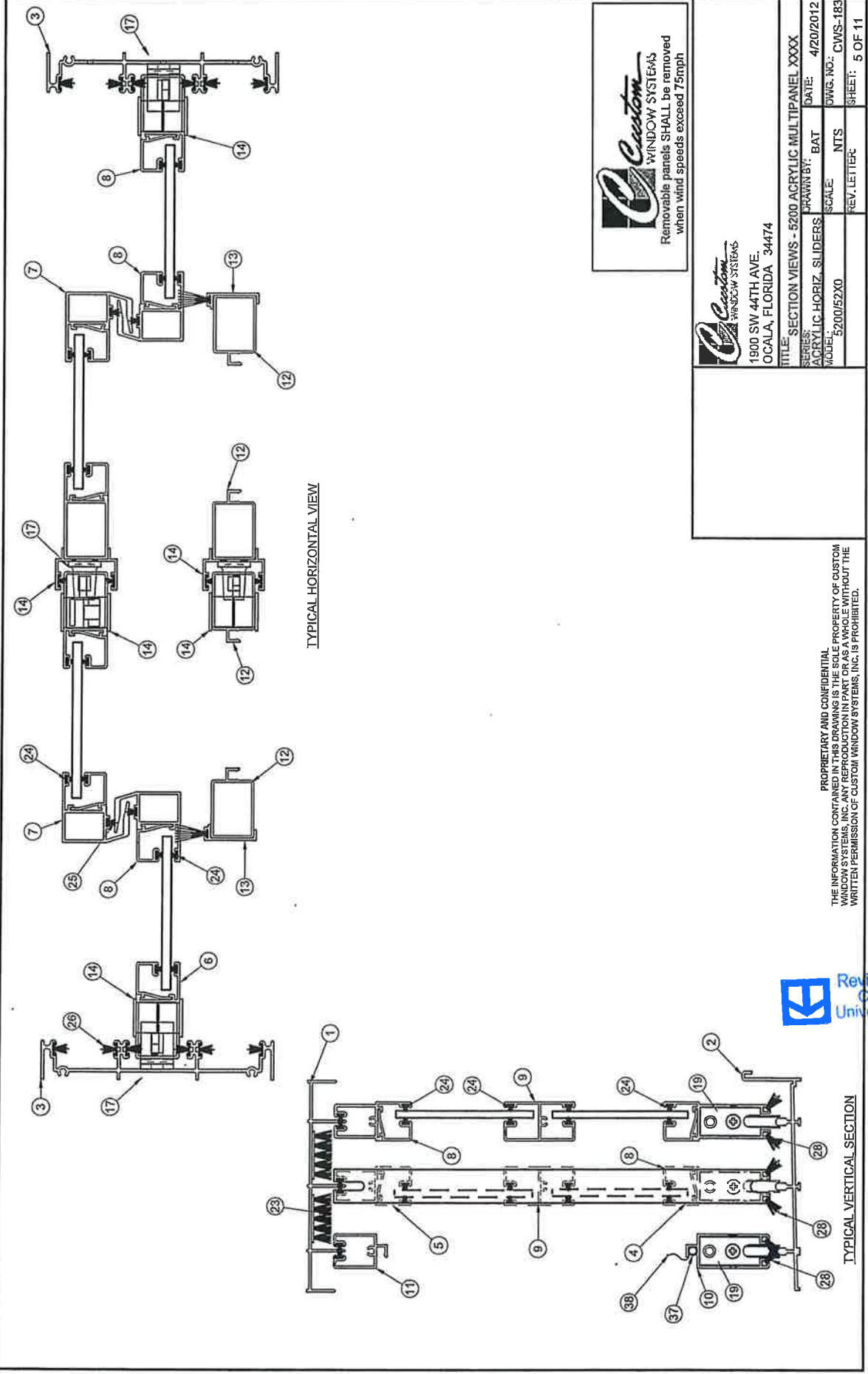
Custom
WINDOW SYSTEMS

1900 SW 44TH AVE.
OCALA, FLORIDA 34474

TITLE: SECTION VIEWS - 5200 ACRYLIC MULTIPANEL XX	
SERIES: ACRYLIC HORIZ. SLIDERS	DATE: 4/20/2012
MODEL: 5200/52X0	DRAWN BY: BAT
REV. LETTER: NTS	DWG. NO.: CWS-183
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Custom
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1900 SW 44TH AVE.
OCALA, FLORIDA 34474

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SERIES: ACRYLIC HORIZ. SLIDERS
MODEL: 5200/52X0
DRAWN BY: BAT
SCALE: NTS
REV. LETTER: 5 OF 11
DATE: 4/20/2012
DWG. NO.: CWS-183
SHEET: 5 OF 11

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WRITTEN PERMISSION OF CUSTOM WINDOW SYSTEMS, INC. IS PROHIBITED.

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Compliance
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5200 ISM / OSM B.O.M.

Item #	Die #	Description
1	S-1532	Head, Fr., ISM
1	S-1533	Head, Fr., OSM
1	S-1534	Head, Fr., OSM Spline
2	H-1535	Sill, Fr., ISM
2	H-1536	Sill, Fr., OSM
2	H-1537	Sill, Fr., OSM Spline
3	S-1538	Jb., Fr., ISM
3	S-1539	Jb., Fr., OSM
3	S-1540	Jb., Fr., OSM Spline
4	S-1543	Panel Bot. Rail
5	S-1544	Panel Top Rail
6	H-1545	Panel Side Rail
7	H-1546	Panel Interlock
8	S-1599	CenterBar, Acrylic
9	S-1599	CenterBar, Acrylic
10	P-3265	Lock, Savrio style
11	P-3263	Lock Cam, Savrio style
12	P-3270	Keeper, Acrylic
13	P-3215	Weep Cover w/ Flap
14	P-3256A	Gasket, Jamb-Sill, 0.062 thick
15	P-3602	Roller Assm., Single, Nylon
17	P-3609	Bumper, Rubber
18	P-3398	Open Cell Foam Pad
19	P-3213R	Wstip., Dust Plug, 0.750 high
22	P-3304	Wstip., 0.180 x .187 back FinSeal, Gray
23	P-3304	Wstip., 0.310 x .270 back FinSeal, Gray
24	P-3308	Wstip., 0.210 x .187 back FinSeal, Black, SoftTouch
25	P-3308	Wstip., 0.310 x .270 back FinSeal, Black, SoftTouch
26	P-3309	Wstip., 0.210 x .187 back FinSeal, Black, SoftTouch
27	P-3402	Wstip., 0.530 x .115 back FinSeal, Black, Dia. Skirt.
29	P-3612	#8 x 1.000 w/ 1/4" lead Quad PH Type A SMS
30	P-3505R	#10 x 1.000 Ph PH Type A SMS, Zinc
31	P-3504R	1/4 - 20 x 0.500 Ph Tr. Hd. MS, Zinc
32	P-3342	Seam Sealer, SM-5304
33	P-3537	#8 x 0.500 Quad Ph Type A SMS
34	P-3097	Shipping Block, Acrylic
35	P-3880	Label, "75 MPH REMOVAL"
36	15.25	Acrylic, Sash

5200 MULTIPANEL B.O.M.

Item #	Die #	Description
1	S-1086	Head, Frame, 2 track
1	S-1078	Head, Frame, 3 track
2	S-1386	Sill, Frame (ext.), 2 track
2	S-1301	Sill, Frame (ext.), 3 track
2	S-1094	Sill, Frame (int.), 2 track
2	S-1076	Sill, Frame (int.), 3 track
3	S-1087	Jamb, Frame, 2 track
3	S-1080	Jamb, Frame, 3 track
4	S-1543	Panel Bot. Rail
5	S-1544	Panel Top Rail
6	H-1545	Panel Side Rail
7	H-1587	Panel Interlock
8	S-1650	Panel Glazebead
9	S-1699	CenterBar, Acrylic
10	S-1110	Screen Bot. Rail
11	S-1109	Screen Top Rail
12	H-1108	Screen Side Rail
13	S-1600	Screen Adaptor
14	P-3265	Lock,
15	P-3263	Lock Cam,
16	P-3270	Keeper,
18	P-3246	Gasket, Jamb-Sill, 0.062 thick
19	P-3602	Roller Assm., Single, Nylon
21	P-3609	Bumper, Rubber
23	P-3213R	Wstip., Dust Plug, 0.750 high
24	P-3304	Wstip., 0.180 x .187 back FinSeal, Gray
25	P-3304	Wstip., 0.310 x .270 back FinSeal, Gray
26	P-3308	Wstip., 0.210 x .187 back FinSeal, Black, SoftTouch
27	P-3308	Wstip., 0.310 x .270 back FinSeal, Black, SoftTouch
28	P-3402	Wstip., 0.530 x .115 back FinSeal, Black, Dia. Skirt.
29	P-3612	#8 x 1.000 w/ 1/4" lead Quad PH Type A SMS
30	P-3505R	#10 x 1.000 Ph PH Type A SMS, Zinc
31	P-3504R	1/4 - 20 x 0.500 Ph Tr. Hd. MS, Zinc
32	P-3342	Seam Sealer, SM-5604
33	P-3537	#8 x 0.500 Quad Ph Type A SMS
34	P-3097	Shipping Block, Acrylic
35	P-3880	Label, "75 MPH REMOVAL"
36		Acrylic, Sash
37	P-3227	Screen, Spline
38	P-3565	Screen Cloth



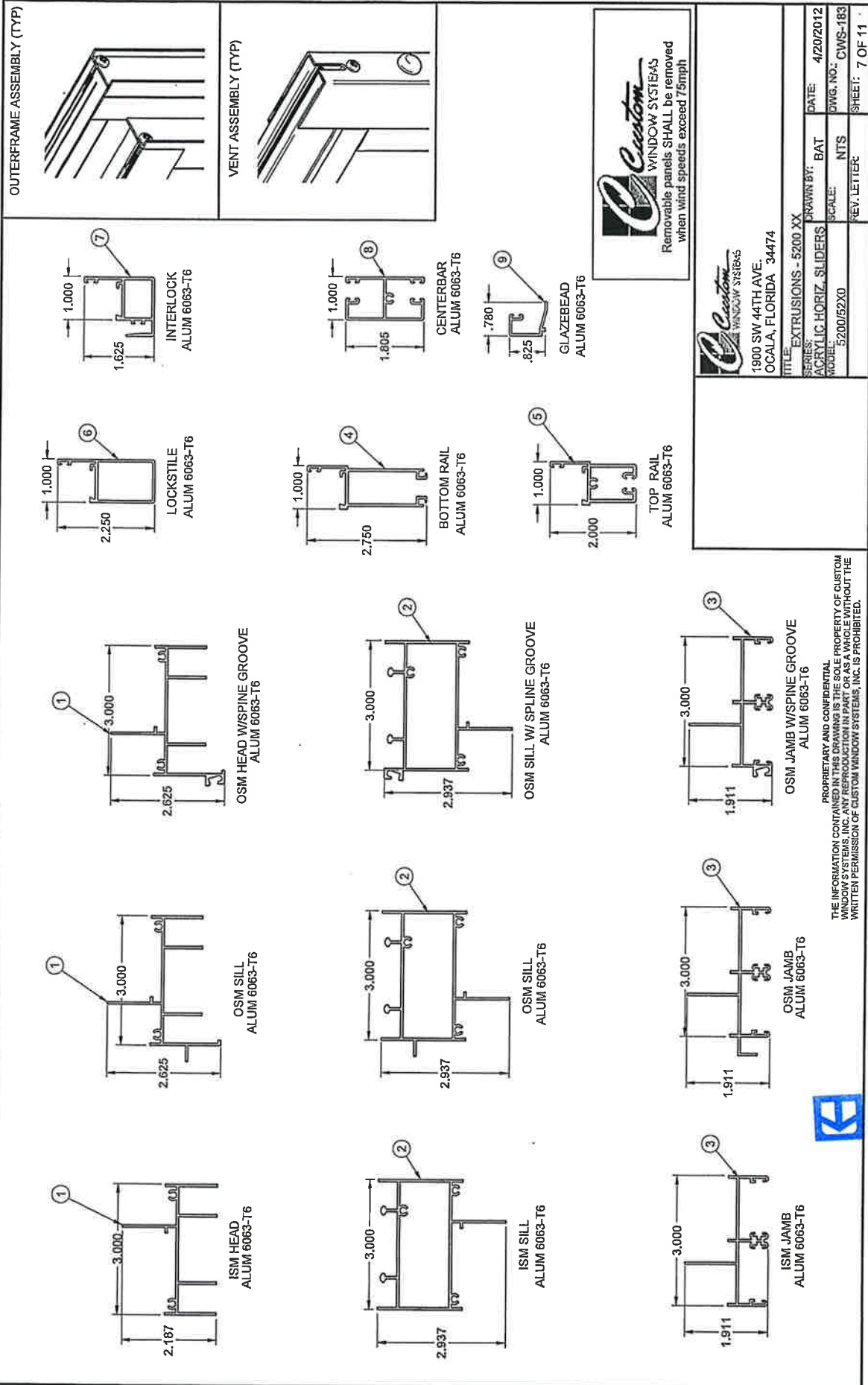
1900 SW 44TH AVE.
OCALA, FLORIDA 34474

TITLE:
SERIES: ACRYLIC HORIZ. SLIDERS
SCALE: NTS
MODEL: 5200/52X0
REV. LETTER: C

DATE: 4/20/2012
JWGS. NO.: CWS-183
SHEET: 6 OF 11

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Custom
WINDOW SYSTEMS
Removable panels SHALL be removed
when wind speeds exceed 75mph

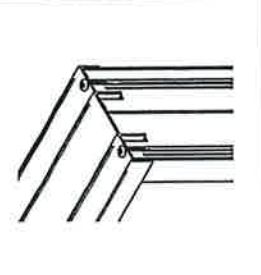
Custom
WINDOW SYSTEMS
1900 SW 44TH AVE.
OCALA, FLORIDA 34474

TITLE: EXTRUSIONS - 5200 XX	DRAWN BY: BAT	DATE: 4/20/2012
SERIES: ACRYLIC HORIZ. SLIDERS	SCALE: NTS	DWG. NO.: CWS-183
MODEL: 5200/52X0	REV. LETTER	SHEET: 7 OF 11

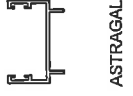
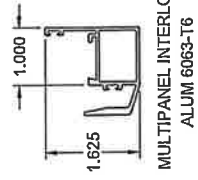
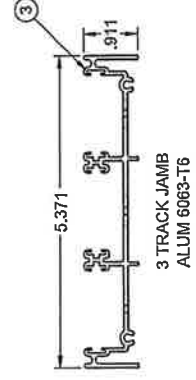
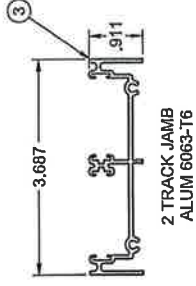
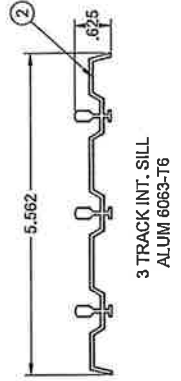
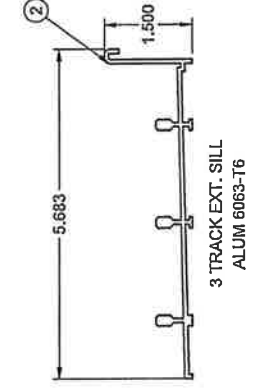
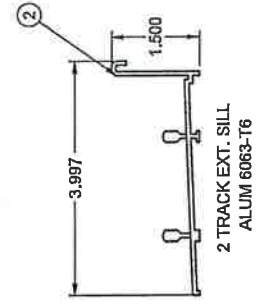
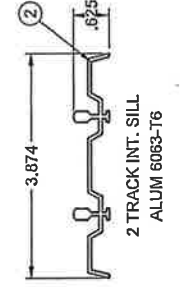
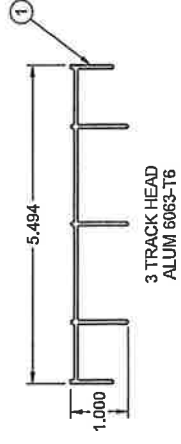
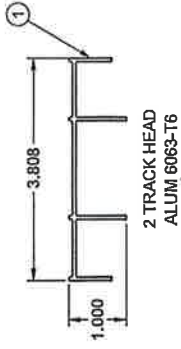
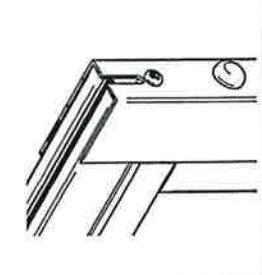
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**Reviewed for Code
Compliance
Universal Engineering
Sciences**

OUTERFRAME ASSEMBLY (TYP)



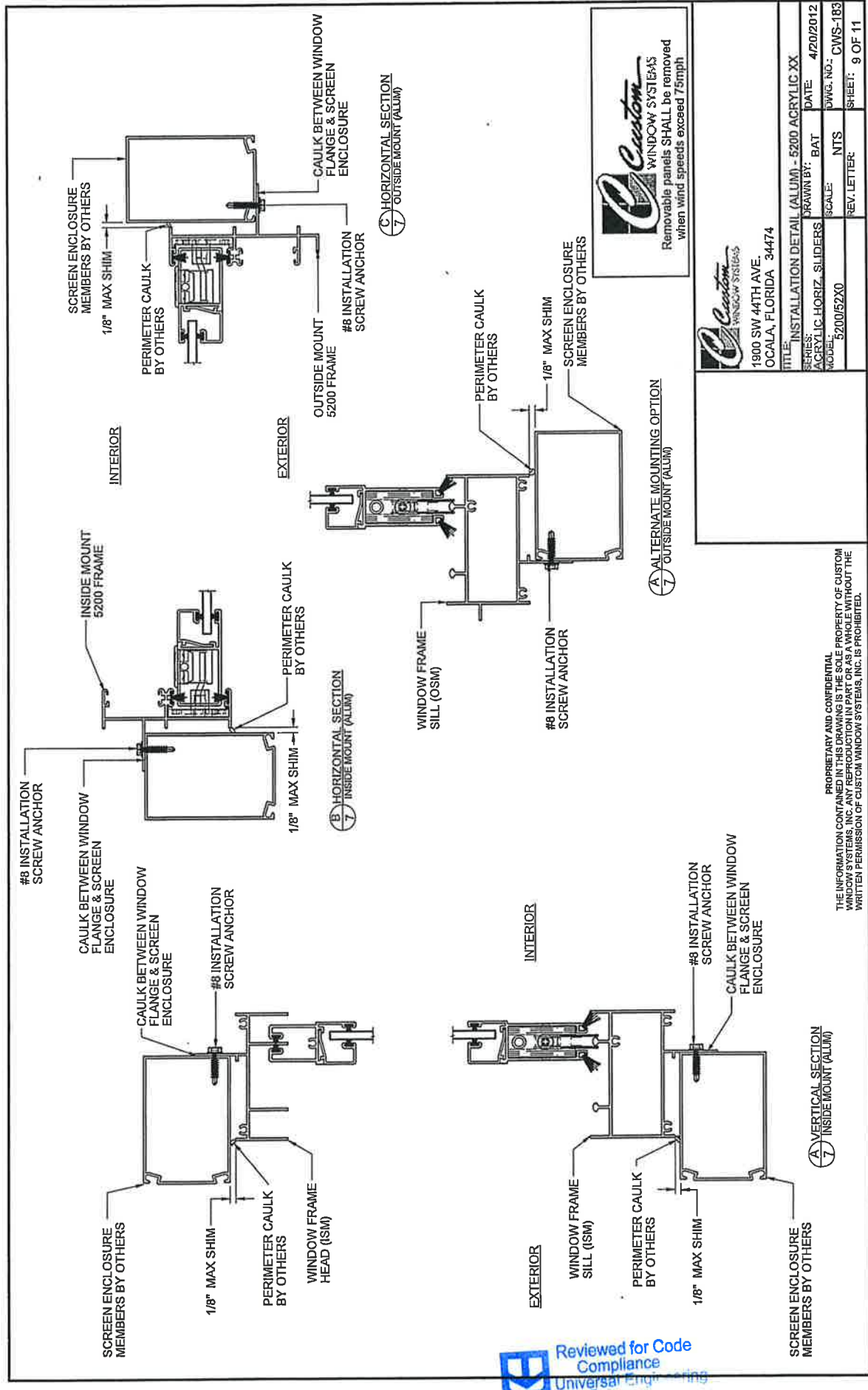
PANEL ASSEMBLY (TYP)



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TITLE: EXTRUSIONS - 5200 MULTIPANEL	DATE: 4/20/2012
SERIES: ACRYLIC HORIZ. SLIDERS	DWG. NO.: CWS-183
DESIGNED BY: BAT	SCALE: NTS
MODEL: 5200/52X0	REV. LETTER
	SHEET: 8 OF 11

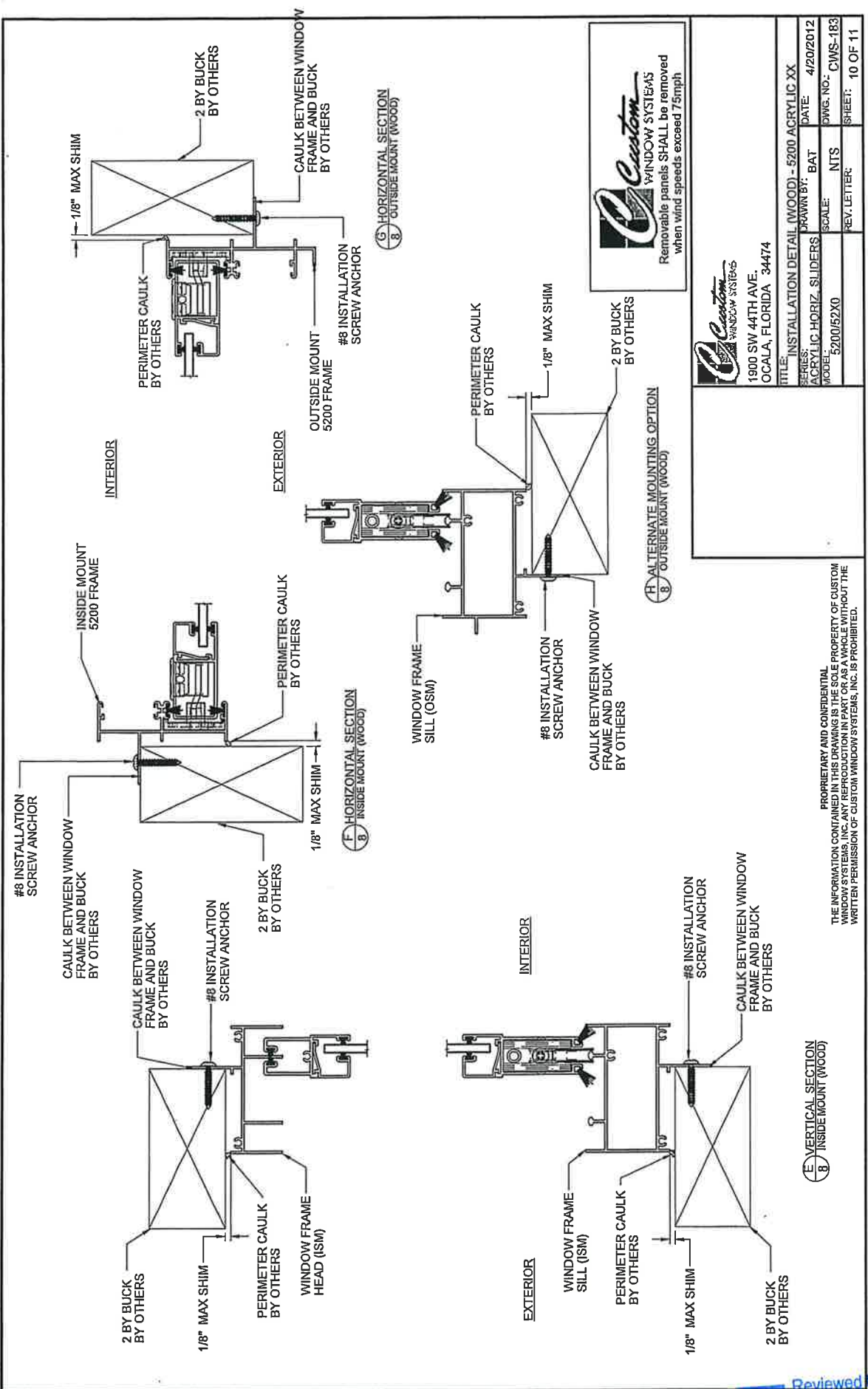


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TITLE:	INSTALLATION DETAIL (ALUM.) - 5200 ACRYLIC XX
SERIES:	ACRYLIC-HORIZ. SLIDERS
MODEL:	3200/52X0
DRAWN BY:	BAT
SCALE:	NTS
DATE:	4/20/2012
DWG. NO.:	CWS-183
REV. LETTER:	SHEET: 9 OF 11

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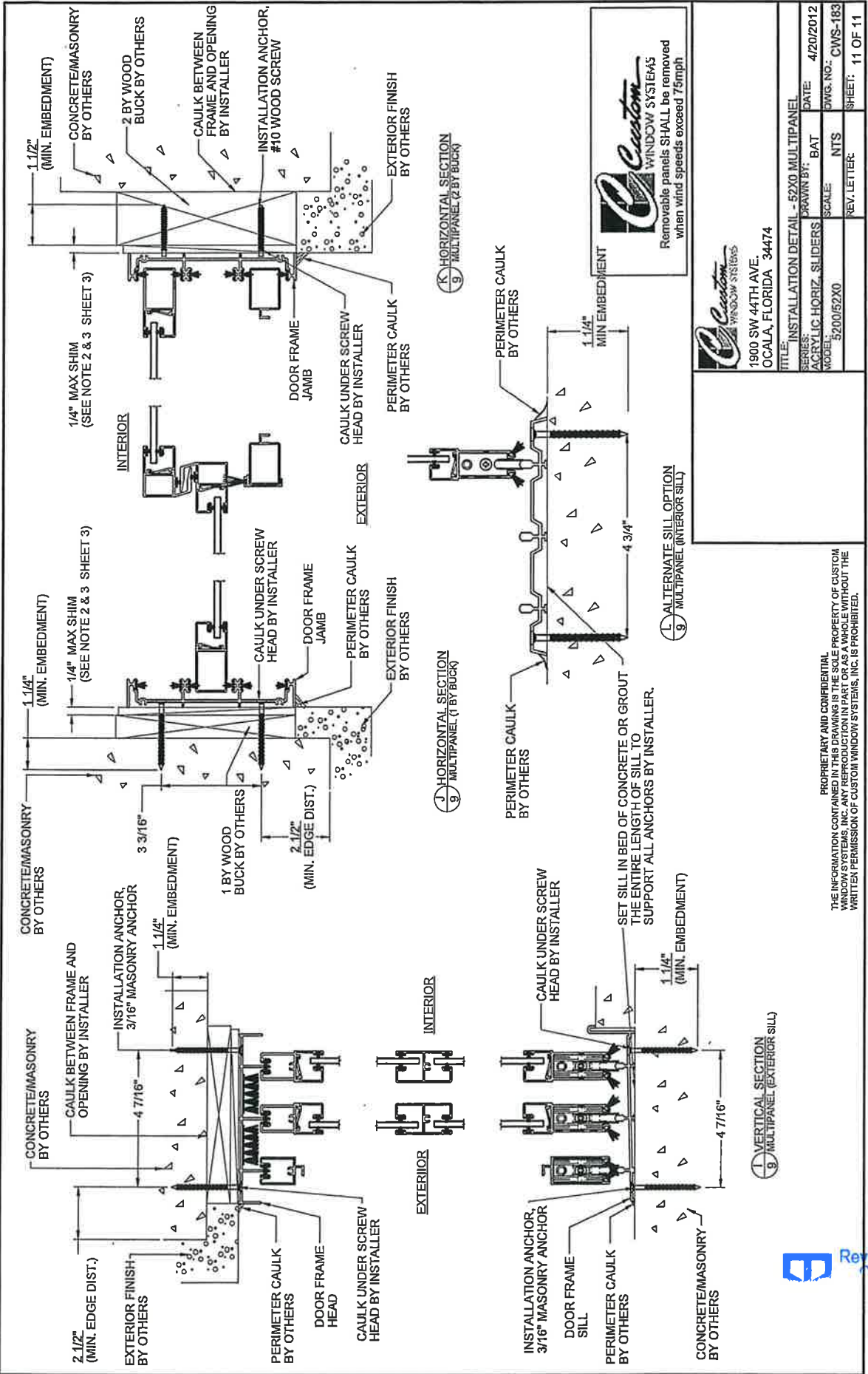


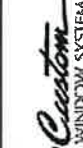
Custom WINDOW SYSTEMS
 Removable panels SHALL be removed when wind speeds exceed 75mph


Custom WINDOW SYSTEMS
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 OCALA, FLORIDA 34474

TITLE: INSTALLATION DETAIL (WOOD) - 5200 ACRYLIC XX	
SERIES: ACRYLIC HORIZ. SLIDERS	DRAWN BY: BAT
MODEL: 5200/52X0	SCALE: NTS
DATE: 4/20/2012	CHWS. NO.: CWS-183
REV. LETTER:	SHEET: 10 OF 11

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TITLE: INSTALLATION DETAIL - 52X0 MULTIPANEL			
DRAWN BY: BAT	DATE: 4/20/2012		
SCALE: NTS	DWG. NO.: CWS-183		
REV. LETTER:	SHEET: 11 OF 11		



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Product Approval
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 Application Detail



FL #	FL13223-R1						
Application Type	Revision						
Code Version	2010						
Application Status	Approved						
Comments							
Archived	<input type="checkbox"/>						
Product Manufacturer	James Hardie Building Products, Inc.						
Address/Phone/Email	26300 La Alameda Ste. 250 Mission Viejo, CA 92691 (909) 356-6366 chad.diercks@jameshardie.com						
Authorized Signature	Chad Diercks chad.diercks@jameshardie.com						
Technical Representative	Chad Diercks						
Address/Phone/Email	10901 Elm Ave Fontana, CA 92337 (909) 356-6366 chad.diercks@jameshardie.com						
Quality Assurance Representative	Chad Diercks						
Address/Phone/Email	10901 Elm Ave Fontana, CA 92337 (909) 356-6366 chad.diercks@jameshardie.com						
Category	Panel Walls						
Subcategory	Siding						
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	Ronald I. Ogawa						
Florida License	PE-24121						
Quality Assurance Entity	Intertek Testing Services NA Inc. - ETL/Warnock Hersey						
Quality Assurance Contract Expiration Date	01/01/2015						
Validated By	John Southard, P.E. <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received						
Certificate of Independence	FL13223_R1_COI_RIQ - Certificate of Independence.PDF						
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM C1186</td> <td>2007</td> </tr> <tr> <td>ASTM E330</td> <td>2002</td> </tr> </tbody> </table>	Standard	Year	ASTM C1186	2007	ASTM E330	2002
Standard	Year						
ASTM C1186	2007						
ASTM E330	2002						
Equivalence of Product Standards Certified By							
Sections from the Code							



Product Approval Method Method 1 Option D

Date Submitted 12/15/2011

Date Validated 12/16/2011

Date Pending FBC Approval 12/26/2011

Date Approved 01/31/2012

Summary of Products		
FL #	Model, Number or Name	Description
13223.1	Cempanel Siding	fiber-cement panel siding
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: For use inside a HVHZ install in accordance with NOA 07-0418.04.		Installation Instructions FL13223 R1 II ER RIO-2297-11 Panel Metal-Wood.pdf FL13223 R1 II Install - cempanel.pdf FL13223 R1 II NOA 07-041804.pdf Verified By: Intertek Testing Services NA Ltd. Created by Independent Third Party: No Evaluation Reports FL13223 R1 AE ER RIO-2297-11 Panel Metal-Wood.pdf FL13223 R1 AE NOA 07-041804.pdf Created by Independent Third Party: Yes
13223.2	HardiePanel Siding	fiber-cement panel siding
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: For use inside a HVHZ install in accordance with NOA 07-0418.04.		Installation Instructions FL13223 R1 II ER RIO-2297-11 Panel Metal-Wood.pdf FL13223 R1 II Install - hardiepanel.pdf FL13223 R1 II NOA 07-041804.pdf Verified By: Intertek Testing Services NA Ltd. Created by Independent Third Party: No Evaluation Reports FL13223 R1 AE ER RIO-2297-11 Panel Metal-Wood.pdf FL13223 R1 AE NOA 07-041804.pdf Created by Independent Third Party: Yes
13223.3	Prevail Panel Siding	fiber-cement panel siding
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL13223 R1 II ER RIO-2297-11 Panel Metal-Wood.pdf FL13223 R1 II Install - prevail panel.pdf Verified By: Intertek Testing Services NA Ltd. Created by Independent Third Party: No Evaluation Reports FL13223 R1 AE ER RIO-2297-11 Panel Metal-Wood.pdf Created by Independent Third Party: Yes



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

OFFICE OF THE SECRETARY

Search Criteria		Refine Search
Code Version	2010 FL#	13223
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	

Search Results - Applications				
FL#	Type	Manufacturer	Validated By	Status
FL13223-R1	Revision	James Hardie Building Products, Inc.	John Southard, P.E. (386) 462-9074	Approved
History		Category: Panel Walls Subcategory: Siding		

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

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Product Approval Accepts:

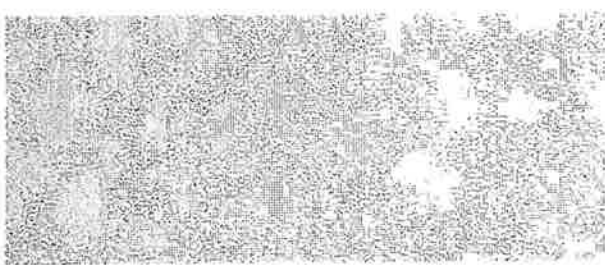


HardiePanel®

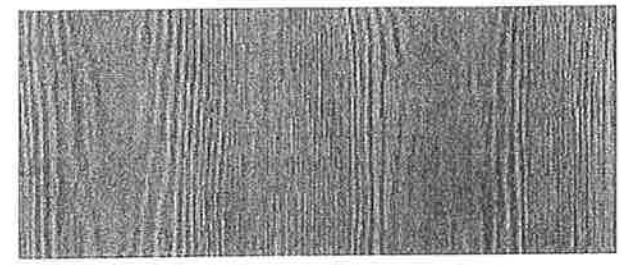
HardiePanel® Vertical Siding Product Description

HardiePanel® vertical siding is factory-primed fiber-cement vertical siding available in a variety of sizes and textures. Examples of these are shown below. Textures include smooth, stucco, Cedarmill® and Sierra 8. HardiePanel vertical siding is 5/16-in. thick and is available in 4x8, 4x9 and 4x10 sizes. Please see your local James Hardie dealer for texture and size availability.

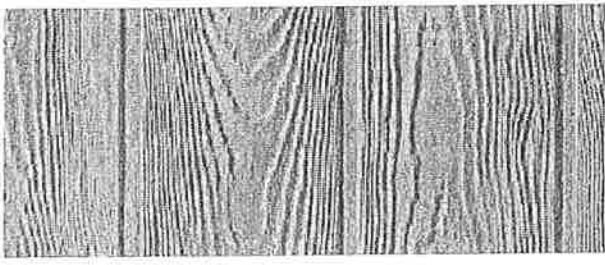
HardiePanel vertical siding is available as a prefinished James Hardie® product with ColorPlus® Technology. The ColorPlus coating is a factory applied, oven baked finish available on a variety of James Hardie siding and trim products. See your local dealer for availability of products, color and accessories.



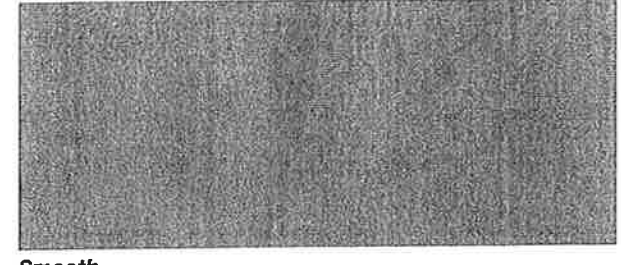
Stucco



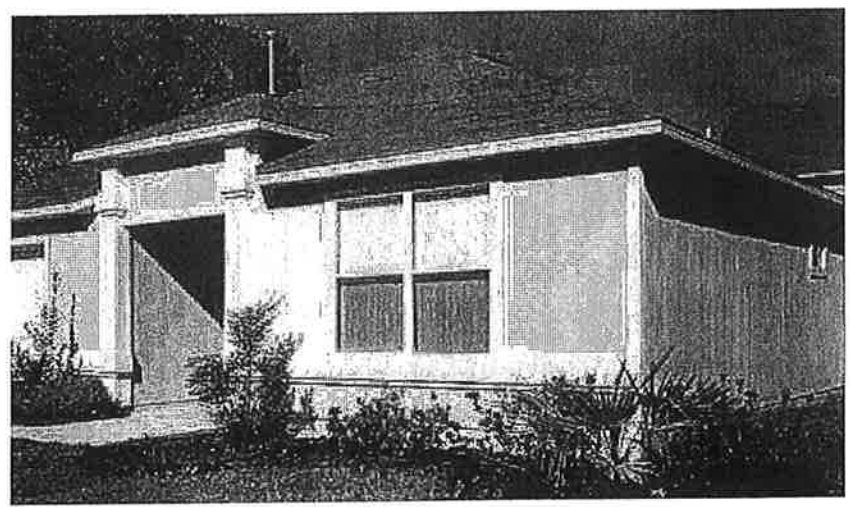
Cedarmill®



Sierra 8



Smooth

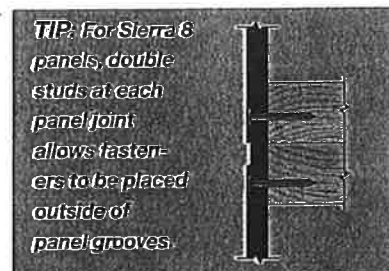
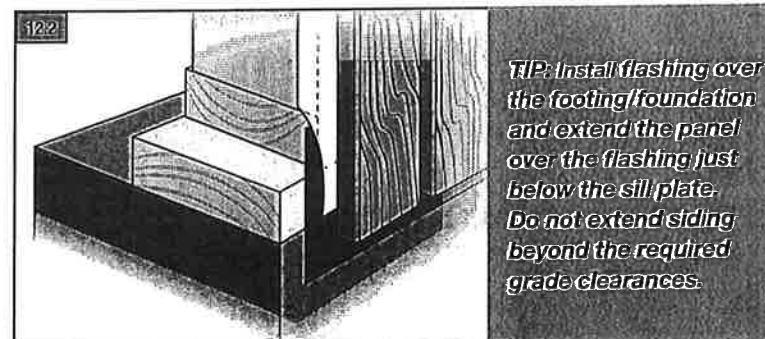
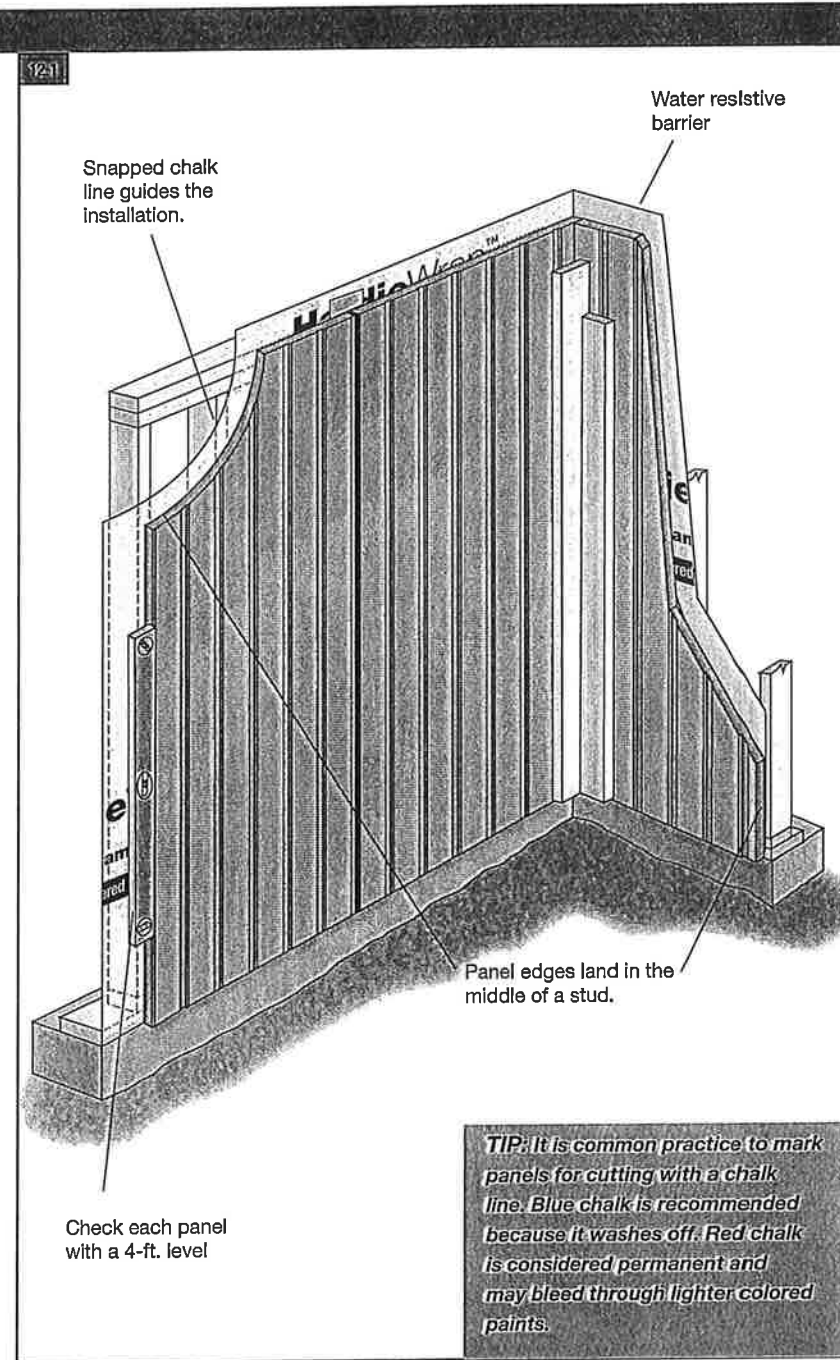


Installation of HardiePanel® Vertical Siding

GETTING STARTED

First locate the lowest point of the sheathing or sill plate, and begin installation on that wall.

- 1) Measure up from the sill plate the height of the panels at either end of the wall and snap a straight, level chalk line between the marks as a reference line. That line is for guidance in positioning the top edge of the panels. Check the reference line with a 4-ft. level.
- 2) Starting on one end and working across the wall, measure and trim the first panel making sure that the edge falls in the middle of a stud.
- 3) Using the chalk line as a guide along the panel's top edge, carefully position the panel and secure it with suitable fasteners and fastener spacing for the particular application as noted in the ESR-1844 Report.
- 4) As installation continues, check the vertical edge of each panel with a 4-ft. level.



- General Product Information
- Working Safely
- Tools for Cutting and Fastening
- General Installation Requirements
- General Fastener Requirements
- Finishing and Maintenance
- HardieWrap® Weather Barrier
- HardieTrim® Boards/Battens
- HardieSoffit® Panels
- HardiePanel® Lap Siding
- HardieShingle® Siding
- HardiePanel® Vertical Siding
- Appendix/Glossary
- ESR-1844 & 2290 Report

Installation of HardiePanel® Vertical Siding (continued)

VERTICAL JOINT TREATMENT

Treat vertical joints in HardiePanel® vertical siding by using one of the following four methods:

- 1) Install the panels in moderate contact with joint flashing.
- 2) Leave an appropriate gap between panels (1/8 in. is the most common), and caulk using a high-quality paintable caulk, that meets ASTM C-834 or C-920 requirements. (Not recommended for ColorPlus)

Panels may be installed first with caulk applied in the joints after installation; or as an option, after the first panel is installed, apply a bead of caulk along the panel edge. When the next panel is installed against the first, the edge embeds in the applied caulk creating a thorough seal between the edges of the panels.

WARNING

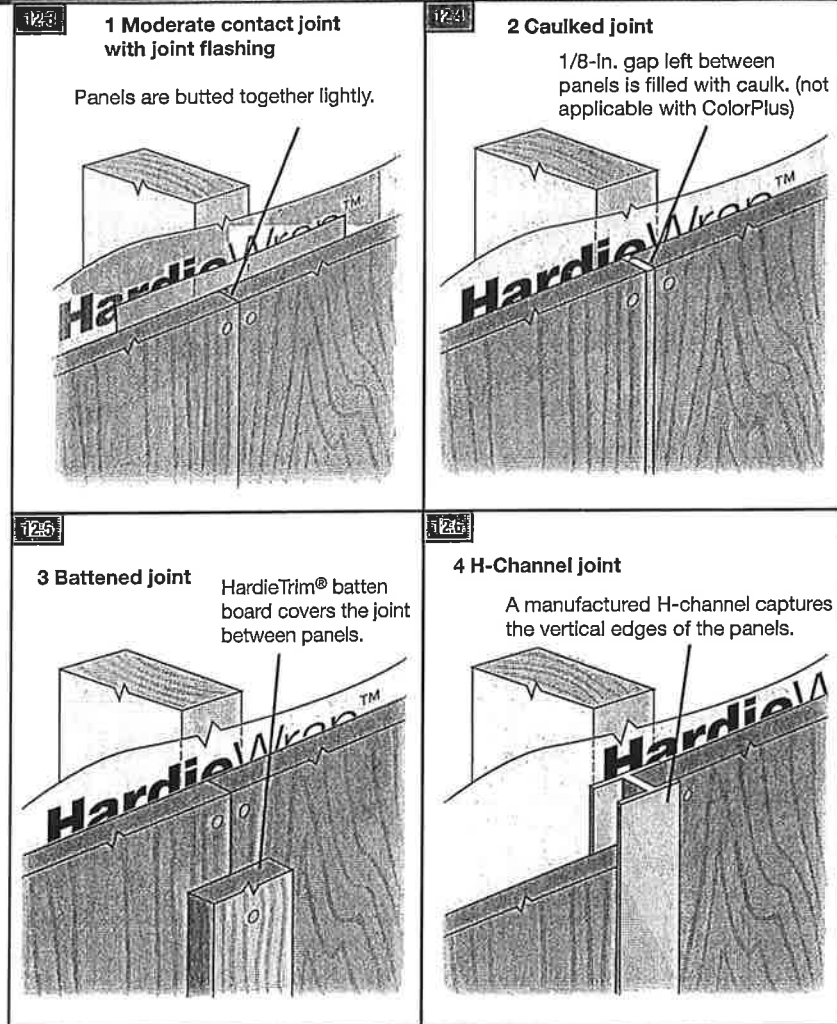
The caulk joint method is not recommended for the ColorPlus® products.

DO NOT caulk nail head when installing ColorPlus products.

- 3) Vertical joints may be covered with wood or fiber-cement batten strips. If James Hardie® siding or trim products are ripped and used as batten strips, paint or prime the cut edges. Batten strips should span the vertical joint by at least 3/4 in. on each side.

- 4) Metal or PVC "H" moldings can be used to join two sections of HardiePanel siding.

TIP: Stainless steel fasteners are recommended when installing James Hardie products.



HARDIEPANEL SIDING FASTENER SPECIFICATIONS			
Fastening Substrate	Approved Fastener	Fastening Types	
wood studs	16" o.c.	1	4d
		2	6d
	5	ring shank siding nail	
24" o.c.	1	9	roofing nail
	7	13	screw
steel studs	16" o.c. or 24" o.c.	7	Ribbed Bugle-Head No. 8 (.323" x 1.625")
		13	ET&F
7/16" OSB or equivalent	2	15	screw
		15	Ribbed Wafer-Head No. 8 (.375" x 1 5/8")