

CITY OF BOCA RATON COMMUNITY APPEARANCE BOARD ORDER OF DECISION

Permit No.: 14-410

Agenda Date: 02/25/2014

MOTION: Approved With Conditions Postponed
 Approved As Submitted Denied

VOTES

| | Y | N | Abstain | Absent |
|-------------------|---|---|---------|--------|
| Everett H. Jenner | | / | | ✓ |
| Linda Baumann | ✓ | | | |
| Juan Caycedo | ✓ | | | |
| Larry Cellon | ✓ | | | |
| Krsto Stamatovski | ✓ | | | |
| Joe Peterson | ✓ | | | |
| Jess M. Sowards | ✓ | | | |
| Mark Jacobsen | ✓ | | | |

ITEM# 10

DESCRIPTION:

Project Name: NEW ENTRY DOOR CRITERIA-BOCA SOUTH CONDO
Job Address: 2929 S OCEAN BLVD. 408
Representative: AJAKIE CONSTRUCTION CO.

CONDITION:

The Community Appearance Board hereby imposes the following condition(s):

* THE TWO DOORS PRESENTED ARE THE STANDARDS FOR THE
REST OF THE BUILDING.

Done and ordered at Boca Raton, Palm Beach County, Florida on: 02/25/2014



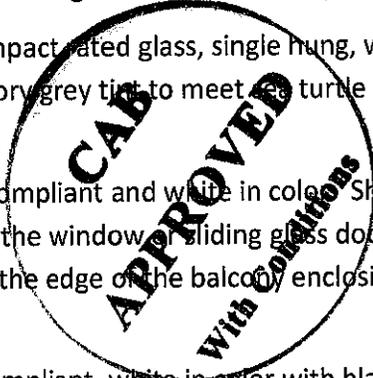
 Larry Cellon, Chairman
 Everett H. Jenner, Vice Chair
 Community Appearance Board

| OFFICE USE ONLY | |
|---|---|
| Date Received by Applicant*: | 02/25/2014 |
| Signature of Applicant: |  |
| Print Name: | <u>Barbara Casto</u> |
| * Note: Indicates acknowledgement of conditions | |

Boca South Association

Current Rules & Regulations Pertaining to Construction:

- **Front Doors:** Must be Miami-Dade NOA Compliant, Fiber glass or composite material, 6 panel, white in color, and have no windows or one rectangle window with gray tinted glass (Non-decorative) located within the top 24" of the door. All hardware (locks, handles, hinges) must be stainless steel. Door closers or stop chains may only be installed on the inside of the door. Any mounting hardware visible from the outside must be stainless steel. (ie. through bolts must be changed to stainless steel)
Bushed / soft Nickel
- **Window:** Must be Miami-Dade NOA Compliant, impact rated glass, single hung, white in color, with NO muntins. They must also have factory grey tint to meet sea turtle regulations.
- **Hurricane Shutters:** Must be Miami-Dade NOA Compliant and white in color. Shutters must be hung on the vertical surface flush against the window or sliding glass door. Shutters are NO longer allowed to be mounted at the edge of the balcony enclosing the patio.
- **Screen Enclosures:** Must be Miami-Dade NOA Compliant, white in color with black screen. First floor units may have a door installed on the longest side of the patio; the door must be left or right justified on that side. It must also have screen from floor to ceiling with no kick plate.
- **Flooring:** Any flooring other than carpet must have a sound dampening underlayment. There are several products currently on the market that are better than cork. Cork is to be used as an absolute minimum! **Extensive photo documentation and a scheduled inspection by the Property Manager is required to confirm that underlayment has been used!**
- **Interior modifications:** Any interior modifications that affect or change any electrical, plumbing, or structural components must be permitted through the City of Boca Raton and completed by a Licensed Contractor. **Any changes to common area elements including electrical, plumbing, cable, antenna, phone, or balcony light fixtures are not permitted!**



If you have any questions or need clarification on any of these rules, please call the Property Manager!

Mark Park 561-395-5527

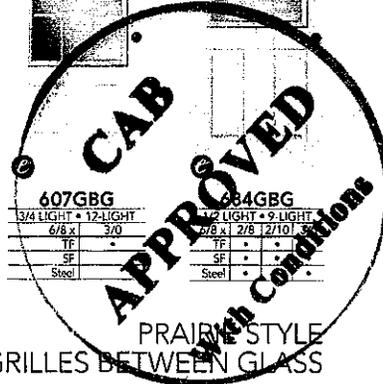
Impact-Rated Entry Systems

Severe Weather® Doorglass by ODL

INSTOCK

GRILLES BETWEEN GLASS

| 612/496GBG | | 493GBG | | 612/496GBG | | | 686/687GBG | | | 694GBG | | 686/687/624GBG | | | 607GBG | | 684GBG | | |
|----------------|------------------|---------------|-----|---------------------------|------------------|---------|-----------------------|-----|-----|--------------|------------------|-----------------------|------------------|---------|----------------------|---------|---------------------|---------|------------------|
| 8/0 • 18-LIGHT | | 8/0 SIDELIGHT | | 8/0 FULL LIGHT • 10-LIGHT | | | FULL LIGHT • 15-LIGHT | | | 7" SIDELIGHT | | FULL LIGHT • 10-LIGHT | | | 3/4 LIGHT • 12-LIGHT | | 1/2 LIGHT • 9-LIGHT | | |
| 8/0 x 1 | 2/8 2/10 3/0 | 12" | 14" | 8/0 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 | 12" | 14" | 6/8 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 |
| TF | • • • • | • | • | TF | • • • • | TF | • • • • | • | • | TF | • • • • | TF | • • • • | TF | • • • • | TF | • • • • | TF | • • • • |
| SF | • • • • | • | • | SF | • • • • | SF | • • • • | • | • | SF | • • • • | SF | • • • • | SF | • • • • | SF | • • • • | SF | • • • • |
| Steel | • • • • | • | • | Steel | • • • • | Steel | • • • • | • | • | Steel | • • • • | Steel | • • • • | Steel | • • • • | Steel | • • • • | Steel | • • • • |



LOW-E DOORGLASS

- REDUCE SOLAR HEAT GAIN**
In cold weather, Low-E glass stays warm on the inside, minimizing cold spots and convection currents.
- REDUCES CONDENSATION**
Cold glass and warm, moist indoor air can cause damaging condensation. Low-E glass keeps glass warmer, reducing condensation.
- REDUCES FABRIC FADING**
Low-E glass protects fabrics, carpets and all coverings from fading by blocking up to 81% of harmful ultra-violet rays.

| 612/496PIM | | 686/687PIM | | | 694PIM | | 684PIM | | |
|----------------|------------------|------------|------------------|-----|--------------|---------|------------------|---------|------------------|
| 8/0 FULL LIGHT | | FULL LIGHT | | | 7" SIDELIGHT | | 12 LIGHT | | |
| 8/0 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 | 12" | 14" | 6/8 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 |
| TF | • • • • | TF | • • • • | • | • | TF | • • • • | TF | • • • • |
| SF | • • • • | SF | • • • • | • | • | SF | • • • • | SF | • • • • |
| Steel | • • • • | Steel | • • • • | • | • | Steel | • • • • | Steel | • • • • |

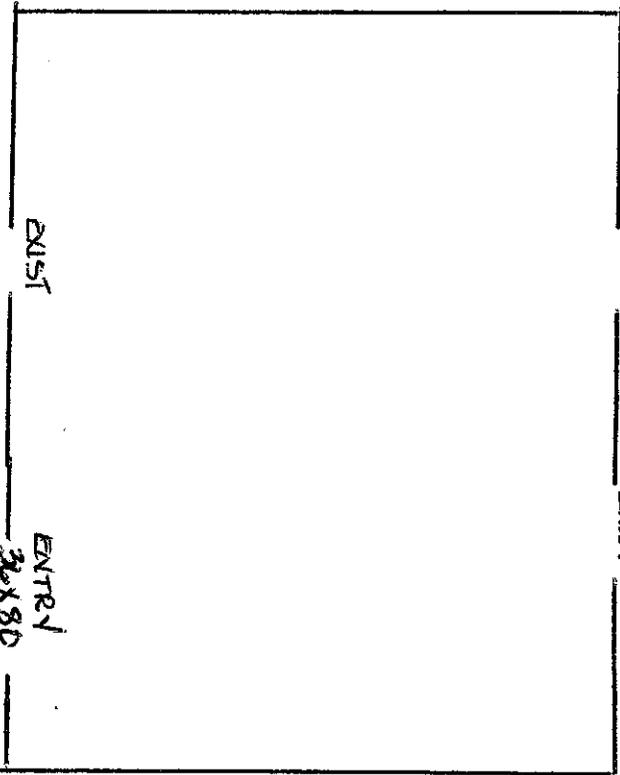
CLEAR GLASS

| 612/496/487CL | | 493CL | | 686/687/624CL | | | 694CL | | 607CL | | 684CL | | | 651CL | | |
|----------------|------------------|---------------|-----|---------------|------------------|-------|--------------|---------|------------------|---------|------------------|---------|------------------|-----------|------------------|--|
| 8/0 FULL LIGHT | | 8/0 SIDELIGHT | | FULL LIGHT | | | 7" SIDELIGHT | | 3/4 LIGHT | | 1/2 LIGHT | | | 1/4 LIGHT | | |
| 8/0 x 1 | 2/8 2/10 3/0 | 12" | 14" | 6/8 x 1 | 2/8 2/10 3/0 | 12" | 14" | 6/8 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 | 6/8 x 1 | 2/8 2/10 3/0 | |
| TF | • • • • | • | • | TF | • • • • | TF | • • • • | TF | • • • • | TF | • • • • | TF | • • • • | TF | • • • • | |
| SF | • • • • | • | • | SF | • • • • | SF | • • • • | SF | • • • • | SF | • • • • | SF | • • • • | SF | • • • • | |
| Steel | • • • • | • | • | Steel | • • • • | Steel | • • • • | Steel | • • • • | Steel | • • • • | Steel | • • • • | Steel | • • • • | |

ORDER ONLY. TF = TEXTURED FIBERGLASS SF = SMOOTH FIBERGLASS

INDICATES LOW-E GLASS

GO TO WWW.ODL.COM FOR MORE INFORMATION.





Florida Department of
Business & Professional Regulation

[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 # | FL15210-R3 | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------|-------------|------------|------|------------|------|-----------|------|-----------|------|------------|------|----------|------|----------|------|-------|------|-------------------|------|
| Application Type | Editorial Change | | | | | | | | | | | | | | | | | | | | |
| Code Version | 2010 | | | | | | | | | | | | | | | | | | | | |
| Application Status | Approved | | | | | | | | | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | | | | | | | | | |
| Archived | | | | | | | | | | | | | | | | | | | | | |
| Product Manufacturer | Plastpro Inc. / Nanya Plastics Corp. | | | | | | | | | | | | | | | | | | | | |
| Address/Phone/Email | 5200 W CENTURY BLVD. LOS ANGELES, CA 90045 (440) 969-9773 Ext 16 rickw@rwbldgconsultants.com | | | | | | | | | | | | | | | | | | | | |
| Authorized Signature | Vivian Wright rickw@rwbldgconsultants.com | | | | | | | | | | | | | | | | | | | | |
| Technical Representative | Scott Johnson | | | | | | | | | | | | | | | | | | | | |
| Address/Phone/Email | 5200 W Century Blvd. Los Angeles, CA 90045 (440) 969-9773 Ext 18 scottjohnson@plastproinc.com | | | | | | | | | | | | | | | | | | | | |
| Quality Assurance Representative | Ron O'Connell | | | | | | | | | | | | | | | | | | | | |
| Address/Phone/Email | 5200 W Century Blvd. Los Angeles, CA 90045 (440) 969-9773 Ext 16 ronoconnell@plastpro.com | | | | | | | | | | | | | | | | | | | | |
| Category | Exterior Doors | | | | | | | | | | | | | | | | | | | | |
| Subcategory | Swinging Exterior Door Assemblies | | | | | | | | | | | | | | | | | | | | |
| 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 | National Accreditation and Management Institute | | | | | | | | | | | | | | | | | | | | |
| Quality Assurance Contract Expiration Date | 12/31/2014 | | | | | | | | | | | | | | | | | | | | |
| Validated By | Ryan J. King, P.E. <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received | | | | | | | | | | | | | | | | | | | | |
| Certificate of Independence | FL15210_R3_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>ASTM D1929</td><td>1996</td></tr> <tr><td>ASTM D2843</td><td>1999</td></tr> <tr><td>ASTM D635</td><td>1998</td></tr> <tr><td>ASTM D638</td><td>2003</td></tr> <tr><td>ASTM E1300</td><td>2004</td></tr> <tr><td>ASTM E84</td><td>2005</td></tr> <tr><td>ASTM G26</td><td>1995</td></tr> <tr><td>G 155</td><td>2005</td></tr> <tr><td>TAS 201, 202, 203</td><td>1994</td></tr> </tbody> </table> | <u>Standard</u> | <u>Year</u> | ASTM D1929 | 1996 | ASTM D2843 | 1999 | ASTM D635 | 1998 | ASTM D638 | 2003 | ASTM E1300 | 2004 | ASTM E84 | 2005 | ASTM G26 | 1995 | G 155 | 2005 | TAS 201, 202, 203 | 1994 |
| <u>Standard</u> | <u>Year</u> | | | | | | | | | | | | | | | | | | | | |
| ASTM D1929 | 1996 | | | | | | | | | | | | | | | | | | | | |
| ASTM D2843 | 1999 | | | | | | | | | | | | | | | | | | | | |
| ASTM D635 | 1998 | | | | | | | | | | | | | | | | | | | | |
| ASTM D638 | 2003 | | | | | | | | | | | | | | | | | | | | |
| ASTM E1300 | 2004 | | | | | | | | | | | | | | | | | | | | |
| ASTM E84 | 2005 | | | | | | | | | | | | | | | | | | | | |
| ASTM G26 | 1995 | | | | | | | | | | | | | | | | | | | | |
| G 155 | 2005 | | | | | | | | | | | | | | | | | | | | |
| TAS 201, 202, 203 | 1994 | | | | | | | | | | | | | | | | | | | | |
| Equivalence of Product Standards Certified By | | | | | | | | | | | | | | | | | | | | | |

Florida Licensed Professional Engineer or Architect
 FL15210 R3 Equiv of STANDARDS.pdf

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

05/02/2013

Date Validated

05/02/2013

Date Pending FBC Approval

05/07/2013

Date Approved

06/11/2013

| Summary of Products | | |
|---|--|---|
| FL # | Model, Number or Name | Description |
| 15210.1 | a. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Opaque Fiberglass Single Door - Inswing/Outswing (X - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.1 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210 R3 II INST 15210.1.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210 R3 AE EVAL 15210.1.pdf Created by Independent Third Party: Yes |
| 15210.2 | b. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Opaque Fiberglass Single Door with Sidelite or Sidelites - Inswing/Outswing (OX or XO; OXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.2 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210 R3 II INST 15210.2.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210 R3 AE EVAL 15210.2.pdf Created by Independent Third Party: Yes |
| 15210.3 | c. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Opaque Fiberglass Double Door with or without Sidelites - Inswing/Outswing (XX; OXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.3 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210 R3 II INST 15210.3.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210 R3 AE EVAL 15210.3.pdf Created by Independent Third Party: Yes |
| 15210.4 | d. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Glazed Fiberglass Single Door - Inswing/Outswing (X - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.4 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210 R3 II INST 15210.4.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210 R3 AE EVAL 15210.4.pdf Created by Independent Third Party: Yes |
| 15210.5 | e. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Glazed Fiberglass Single Door with Sidelite or Sidelites - Inswing/Outswing (OX or XO; OXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.5 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210 R3 II INST 15210.5.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210 R3 AE EVAL 15210.5.pdf Created by Independent Third Party: Yes |
| 15210.6 | f. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Glazed Fiberglass Double Door with or without Sidelites - Inswing/Outswing (XX; OXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.6 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210 R3 II INST 15210.6.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210 R3 AE EVAL 15210.6.pdf Created by Independent Third Party: Yes |
| 15210.7 | g. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Glazed Fiberglass Single Door - Outswing (X - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.7 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210 R3 II INST 15210.7.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210 R3 AE EVAL 15210.7.pdf Created by Independent Third Party: Yes |
| 15210.8 | | |

| | | |
|--|--|---|
| | h. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Glazed Fiberglass Single Door with Sidelite or Sidelites - Outswing (OX or XO; OXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.8 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_inst_15210.8.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_Eval_15210.8.pdf Created by Independent Third Party: Yes |
| 15210.9 | i. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Glazed Fiberglass Double Door with or without Sidelites - Outswing (XX; OXXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.9 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_inst_15210.9.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_Eval_15210.9.pdf Created by Independent Third Party: Yes |
| 15210.10 | j. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Opaque Fiberglass Single Door - Outswing (X - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.10 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.10.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.10.pdf Created by Independent Third Party: Yes |
| 15210.11 | k. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Opaque Fiberglass Single Door with Sidelite or Sidelites - Outswing (OX or XO; OXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.11 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.11.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.11.pdf Created by Independent Third Party: Yes |
| 15210.12 | l. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Opaque Fiberglass Double Door with or without Sidelites - Outswing (XX; OXXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.12 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.12.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.12.pdf Created by Independent Third Party: Yes |
| 15210.13 | m. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Opaque Fiberglass Single Door with Surface Bolts - Outswing (X - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.13 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.13.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.13.pdf Created by Independent Third Party: Yes |
| 15210.14 | n. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Opaque Fiberglass Double Door with Surface Bolts on Active Door panel - Outswing (XX - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.14 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.14.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.14.pdf Created by Independent Third Party: Yes |

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:





plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

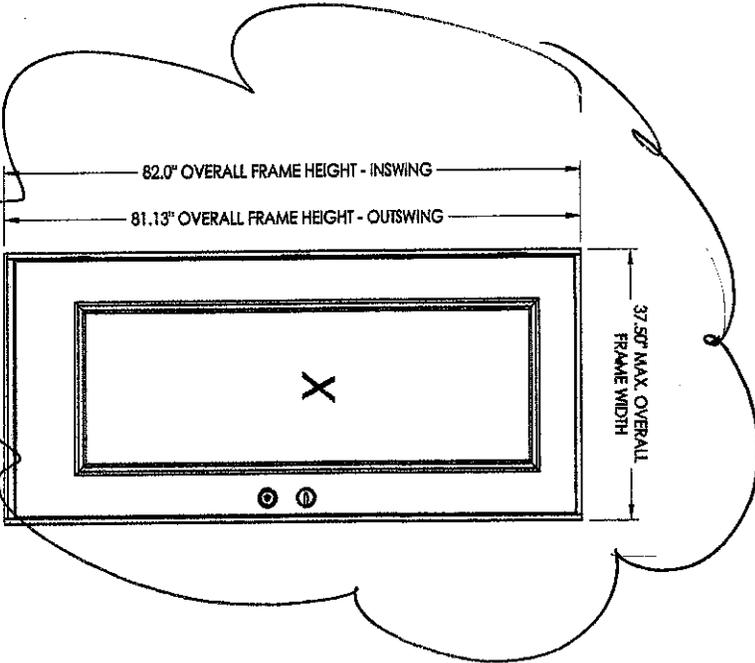
Smooth / Wood Grain / White Wood Grain Rustic / Mahogany Series O Fiberglass Door INSWING / OUTSWING "IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 2010 Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2010 FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and Section 1609.1.2.4 of the FBC.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or of habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS

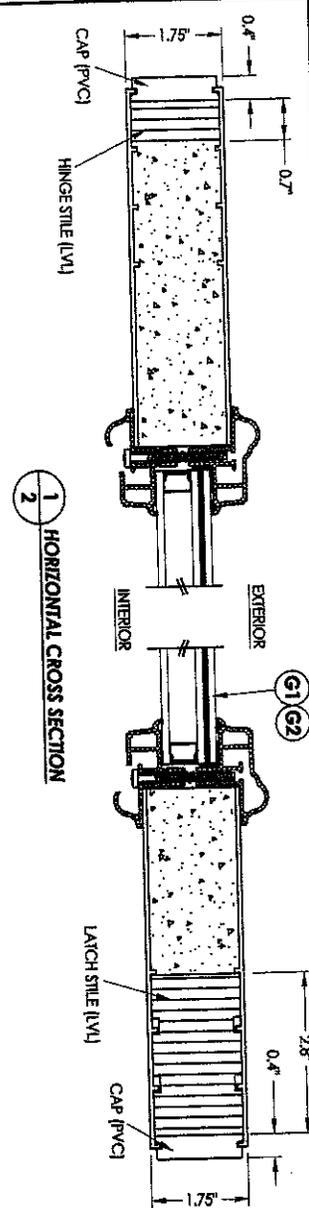
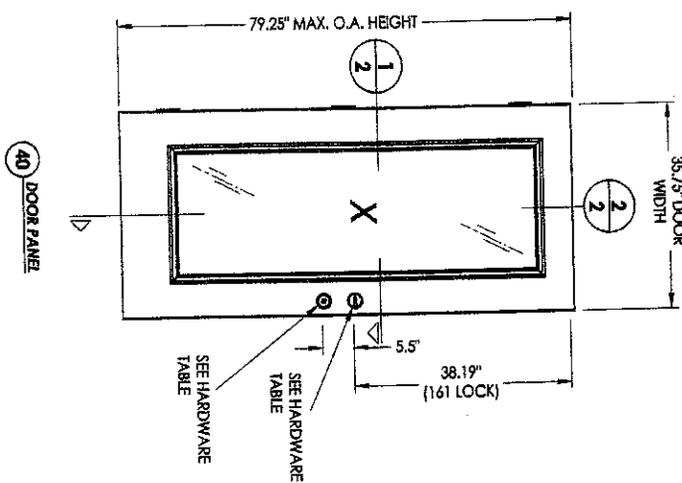
| SHEET# | DESCRIPTION |
|--------|--|
| 1 | Typical elevation, design pressures, & general notes |
| 2 | Door panel details |
| 3 | Lite frame details and glazing details |
| 4 | Horizontal cross section |
| 5 | Vertical cross sections |
| 6 | 3-point lock details |
| 7 | 3-point lock details |
| 8 | Buck and frame anchoring |
| 9 | Components |
| 10 | Bol of materials |



| SWING | MAX. FRAME DIMENSION | DESIGN PRESSURE (PSF) |
|----------|----------------------|-----------------------|
| INSWING | 37.50" X 82.00" | +75.0 / -75.0 |
| OUTSWING | 37.50" X 81.13" | +75.0 / -75.0 |

See sheets 2 & 3 for hardware and lite frame design pressure limitations

| | |
|--|---|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.859.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 <i>CFE 2-16-12</i> Lyndon F. Schmidt, P.E. No. 43409 |
| | PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES |
| NO. DATE _____ _____ | REVISIONS _____ _____ |
| DATE: 02/16/12 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-15210.4 SHEET 1 OF 10 | |

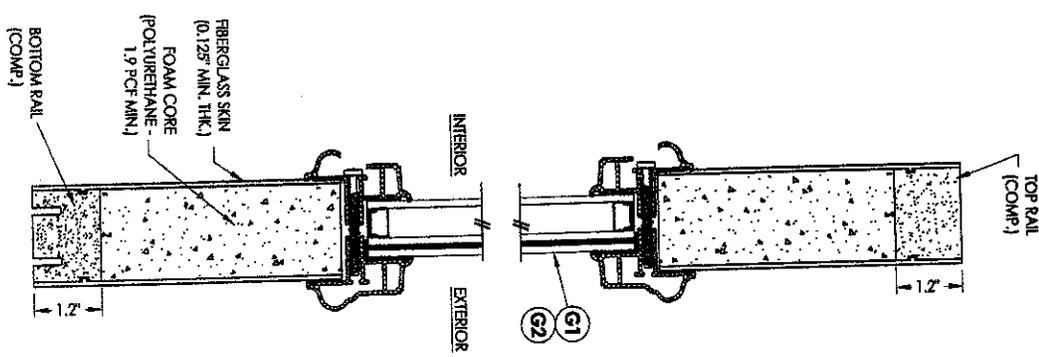


1 HORIZONTAL CROSS SECTION

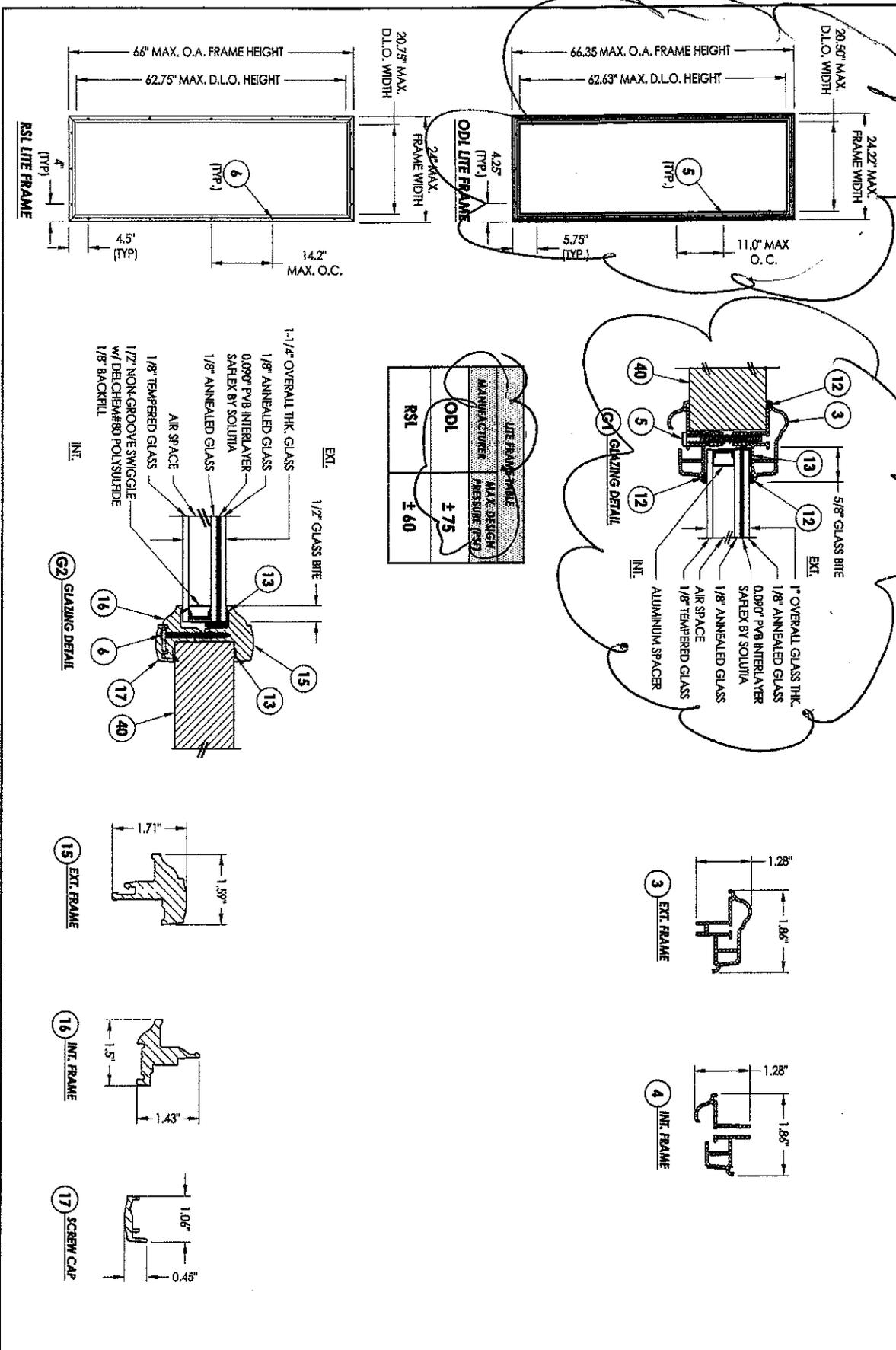
| HARDWARE TABLE | | MODEL | MAX. DESIGN PRESSURE (PSF) |
|----------------|-------------------|--|----------------------------|
| MANUFACTURER: | | | |
| KWIKSET | KNOR: DEADBOLT: | SIGNATURE SERIES (980) | ± 75 |
| SCHLAGE | KNOR: DEADBOLT: | "T" SERIES (751) "T" SERIES (940/942) | ± 75 |
| PANEX | LEVER: DEADBOLT: | F38 SERIES ED7 SERIES | ± 75 |
| HOPE | MULTI-POINT LOCK: | 3-POINT TONGUE | ± 50 |
| W & F | MULTI-POINT LOCK: | TRILENNIUM "300" SERIES | ± 75 |

See sheets 6 and 7 for multi-point lock details.

2 VERTICAL CROSS SECTION

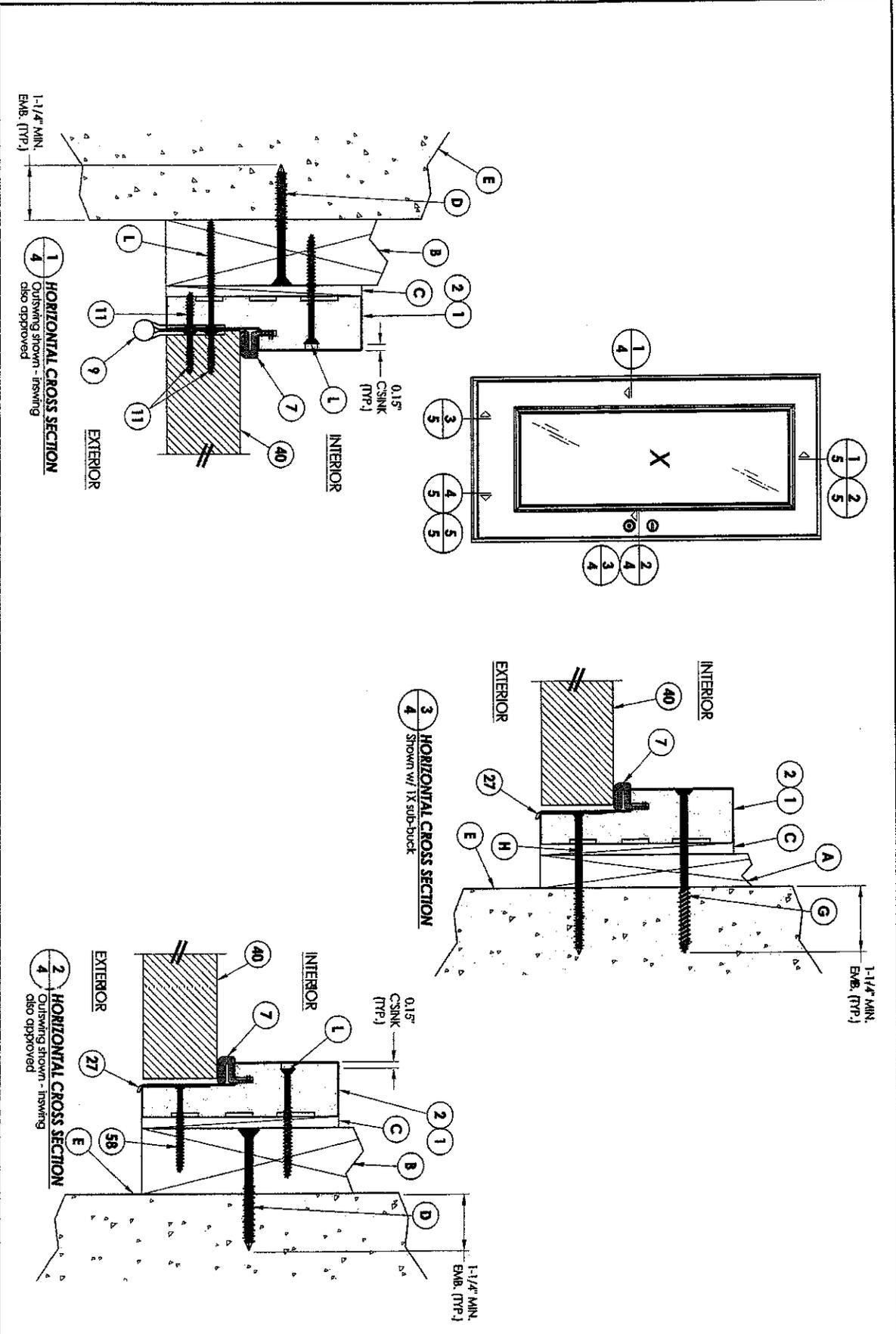


| | | |
|---|-----------|--|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | | Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33598 Phone No.: 813.652.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 07-02 2-10-12 Lynden F. Schmidt, P.E. No. 43408 |
| PART OR ASSEMBLY: DOOR PANEL DETAILS | | |
| DATE: 02/16/12 | NO. DATE | BY |
| SCALE: N.T.S. | REVISIONS | |
| DWG. BY: JK | | |
| CHK. BY: LFS | | |
| DRAWING NO.: FL-15210.4 | | |
| SHEET 2 OF 10 | | |

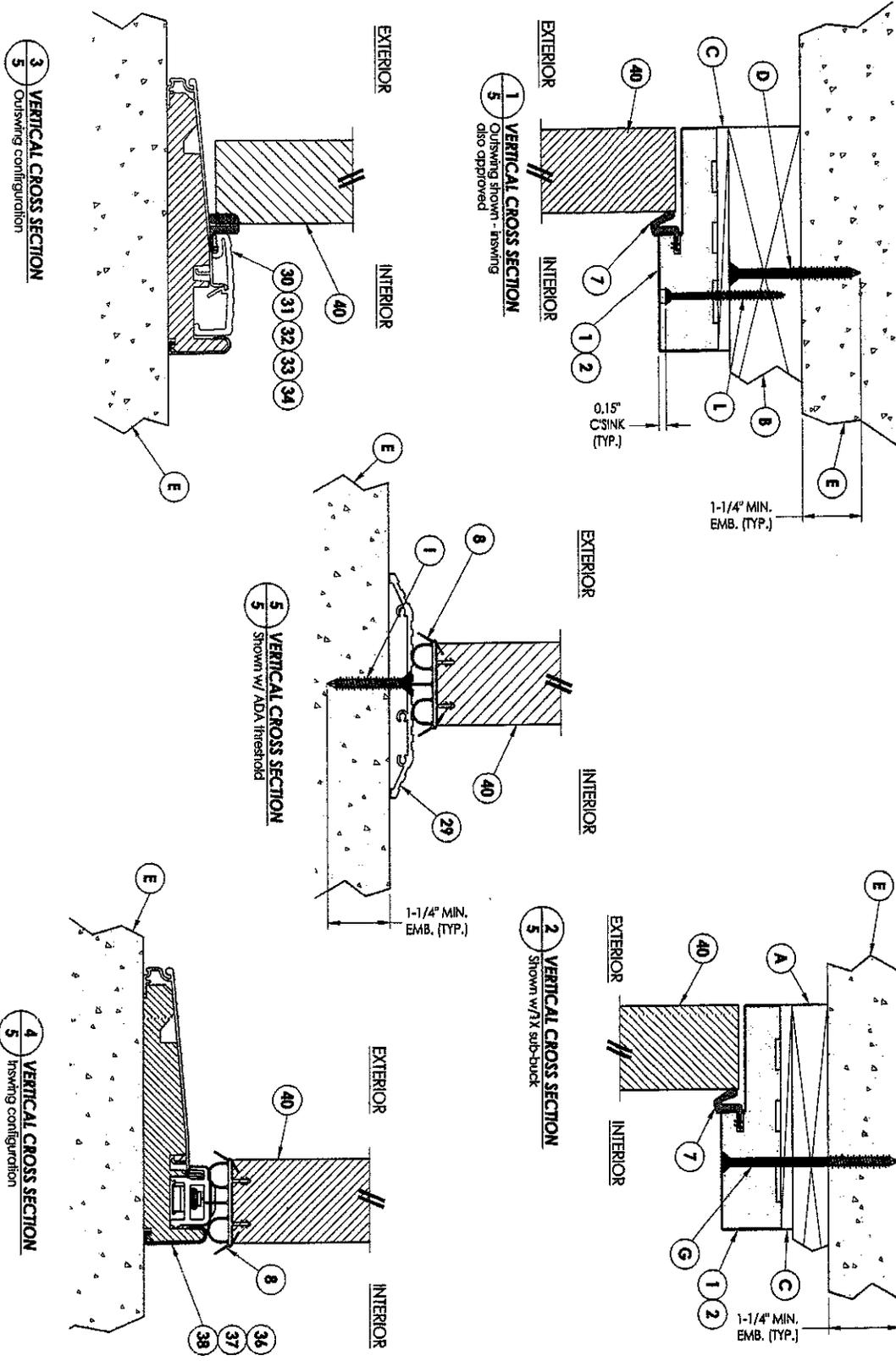


| LITE FRAME FRAME | MAX. DESIGN PRESSURE (PSF) |
|------------------|----------------------------|
| OD1 | ± 75 |
| RSL | ± 60 |

| | | |
|--|------------|---|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | | Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43409 |
| PART OR ASSEMBLY: LITE FRAME DETAILS AND GLAZING DETAILS | | |
| NO. | DATE | REVISIONS |
| DATE: | 02/16/12 | |
| SCALE: | N.T.S. | |
| DRG. BY: | JK | |
| CHK. BY: | LTS | |
| DRAWING NO.: | FL-15210.4 | |
| SHEET: | 3 OF 10 | |

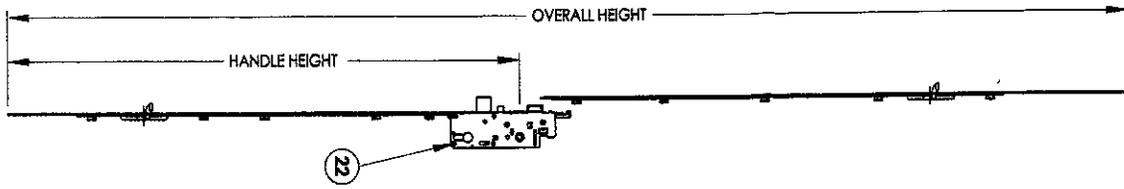


| | | | |
|---|--|--|--|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | | Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.8197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 67-06-2-10-12 Lyndon F. Schmidt, P.E. No. 43409 | |
| PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS | | NO. DATE REVISIONS | |
| DATE: 02/16/12 SCALE: N.T.S. DWS: BH /JK CHK: BR /FS DRAWING NO.: FL-15210.4 SHEET 4 OF 10 | | BY: | |

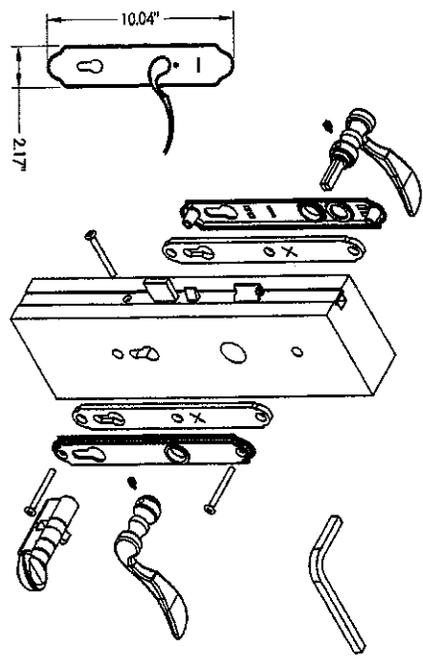


| | | | |
|---|--|---|--|
| DATE: 02/15/12 | | DRAWING NO.: FL-15210.4 | |
| SCALE: N.T.S. | | SHEET 5 OF 10 | |
| CHK. BY: JKS | | DRAWING NO.: FL-15210.4 | |
| DATE: 02/15/12 | | SHEET 5 OF 10 | |
| NO. | | DATE | |
| REVISIONS | | BY | |
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | | PART OR ASSEMBLY: VERTICAL CROSS SECTIONS | |
| Documents Prepared By: R.W. BUILDING CONSULTANTS, INC. P.O. Box 230 Vero Beach FL 33595 Phone No.: 813.859.9187 | | Florida Board of Professional Engineers Certificate Of Authorization No. 8813 | |
| Lyndon F. Schmidt, P.E. No. 43409 | | 2-16-12 | |

MANUAL RAISED TONGUE GEAR SYSTEM

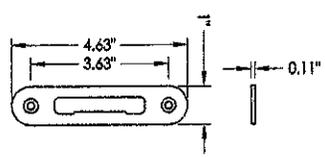


22

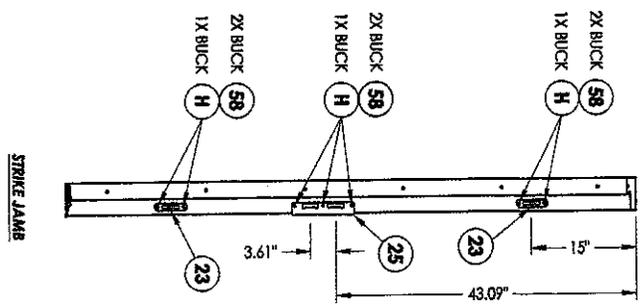
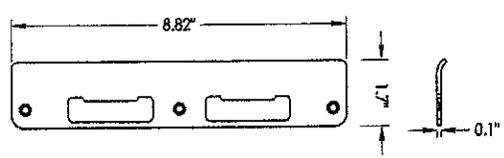


22 HOPE MULTI-POINT LOCKSET
3-Point Tongue

23 MULTI-POINT STRIKE PLATE



25 LATCH AND DEADBOLT STRIKE PLATE
Tongue System



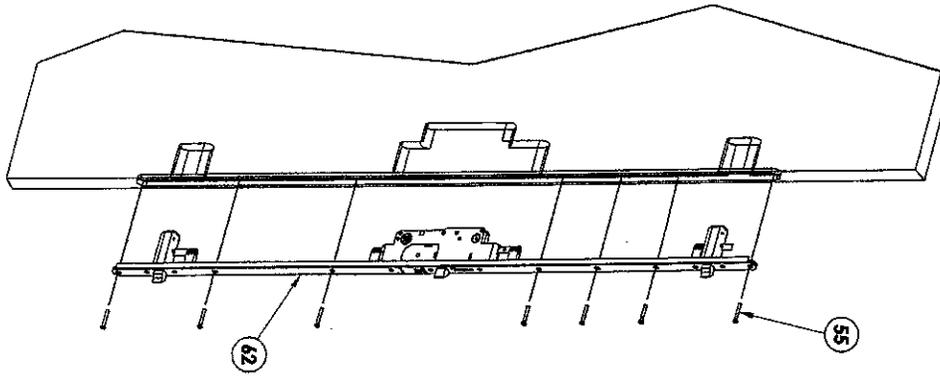
DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.4
SHEET 6 OF 10

| NO. | DATE | REVISIONS | BY |
|-----|------|-----------|----|
| | | | |
| | | | |
| | | | |

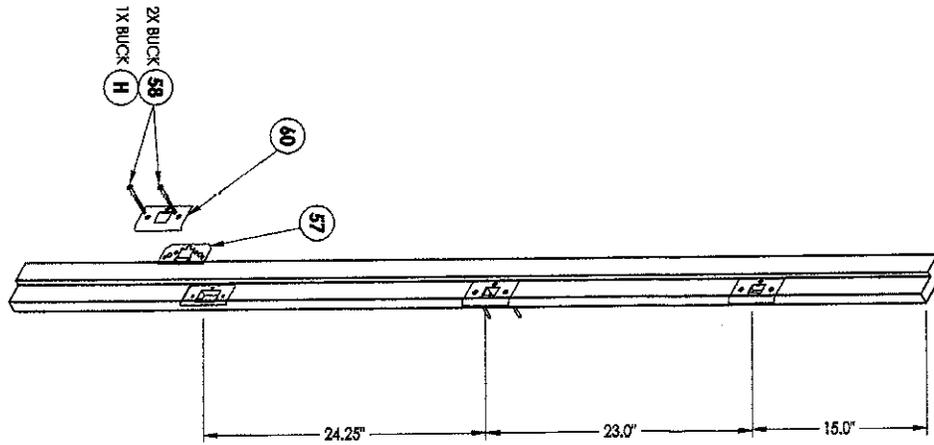
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: 3-POINT LOCK DETAILS

Documents Prepared By:
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Lynden F. Schmidt, P.E. No. 43409

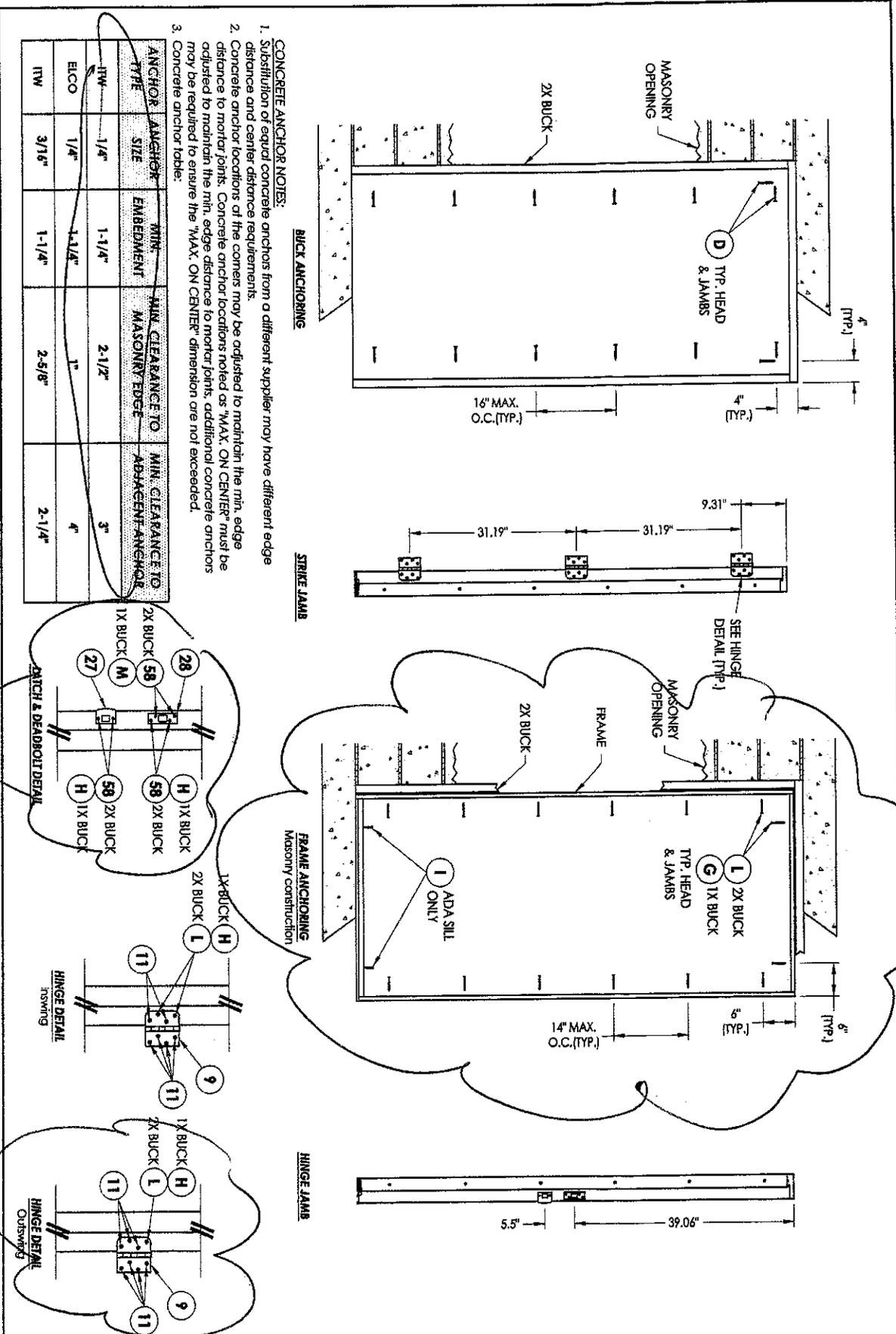
W & F Thermolium 3000 SERIES
3 pt. Lock



STRIKE JAMB DETAIL

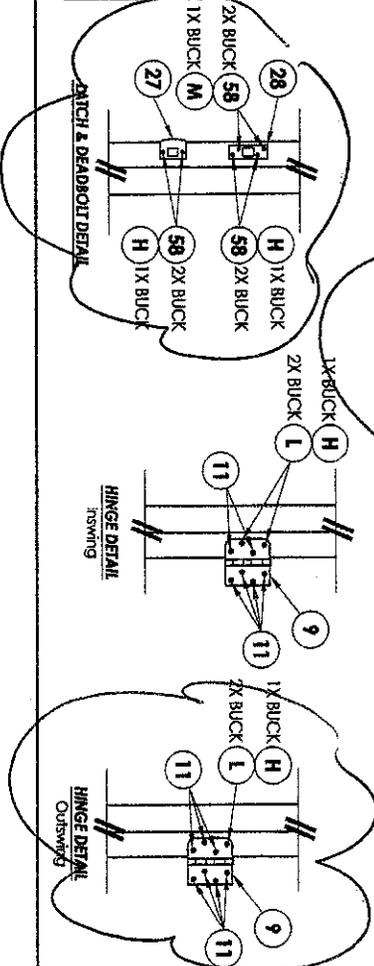


| | | | | | | | | | | | |
|----------------------|---------------------------|--------------|-------------|---------------|----------------|-----|------|-----------|----|--|--|
| SHEET 7 OF 10 | DRAWING NO. FL-15210.4 | CHK. BY: LFS | DWG. BY: JK | SCALE: N.T.S. | DATE: 02/16/12 | NO. | DATE | REVISIONS | BY | PRODUCT: | Documents Prepared By: |
| | | | | | | | | | | PLASTPRO FIBERGLASS DOOR | RW BUILDING CONSULTANTS, INC. P.O. Box 230 Vairoo FL 33595 Phone No.: 813.859.9187 |
| PART OR ASSEMBLY: | | | | | | | | | | Florida Board of Professional Engineers Certificate Of Authorization No. 9813 | |
| 3-POINT LOCK DETAILS | | | | | | | | | | 2.16.r2 Lyndon F. Schmidt, P.E. No. 43409 | |

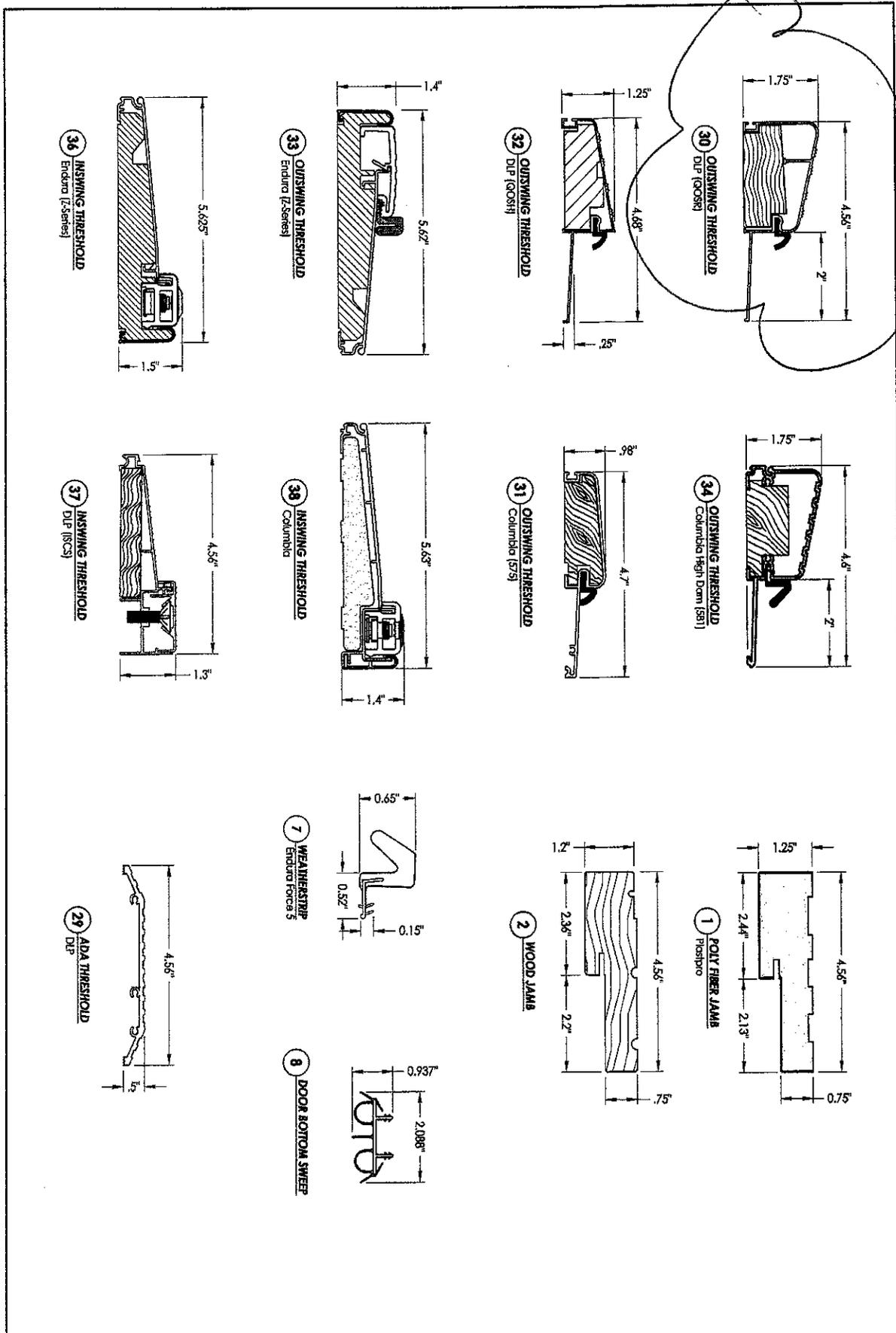


- CONCRETE ANCHOR NOTES:**
1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
 2. Concrete anchor locations of the corners may be adjusted to maintain the min. edge distance to mortar joints. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints; additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension one not exceeded.
 3. Concrete anchor table:

| ANCHOR TYPE | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|-------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW | 1/4" | 1-1/4" | 2-1/2" | 3" |
| ELCO | 1/4" | 1-1/8" | 1" | 4" |
| ITW | 3/16" | 1-1/4" | 2-5/8" | 2-1/4" |



| | | |
|--|---|--|
| DATE: 02/19/12 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-15210.4 SHEET 8 OF 10 | PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9107 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 7.10.12 Lynden F. Schmidt, P.E. No. 43409 |
| | PART OR ASSEMBLY: BUCK AND FRAME ANCHORING | |
| NO. DATE REVISIONS | BY | |



| | | | | | | | | | | | | | | | |
|---------------|--|-------------------------|--|--------------|--|-------------|--|----------------|--|-------------------|--|--|--|---|--|
| SHEET 9 OF 10 | | DRAWING NO.: FL-15210.4 | | CHK. BY: LFS | | DWS. BY: JK | | DATE: 02/16/12 | | SCALE: N.T.S. | | PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | | Documents Prepared By: R.W. BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.859.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 6752.16.12 Lynden F. Schmidt, P.E. No. 43409 | |
| NO. | | DATE | | BY | | REVISIONS | | COMPONENTS | | PART OR ASSEMBLY: | | BY | | | |

BILL OF MATERIALS

| ITEM # | DESCRIPTION | MATERIAL |
|--------|---|---------------|
| A | 1X BUICK SG >= 0.55 | WOOD |
| B | 2X BUICK SG >= 0.55 | WOOD |
| C | 1/4" MAX. SHIM SPACE | STEEL |
| D | 1/4" X 2-3/4" PPH ECCO OR ITW CONCRETE SCREW | CONCRETE |
| E | MASONRY - 3192 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE |
| G | 1/4" X 3-3/4" PPH ECCO OR ITW CONCRETE SCREW | STEEL |
| H | 3/16" X 3-1/4" PPH ITW CONCRETE SCREW | STEEL |
| I | 1/4" X 1-3/4" PPH ECCO OR ITW CONCRETE SCREW | STEEL |
| L | #8 X 2-1/2" PPH WOOD SCREW | STEEL |
| 1 | POLY FIBER JAMB | COMP. / VINYL |
| 2 | FINGER JOINED PINE FRAME | WOOD |
| 3 | EXT. FRAME (ODJ) | ALUM. |
| 4 | INT. FRAME (ODJ) | ALUM. |
| 5 | #7-19 X 1-3/4" PPH SELF DRILLING SMS | STEEL |
| 6 | #10 X 1-3/4" PPH WOOD SCREW | STEEL |
| 7 | WEATHERSTRIP | FOAM |
| 8 | DOOR BOTTOM SWEEP | VINYL |
| 9 | 4" X 4" BUT HINGE | STEEL |
| 11 | #9 X 3/4" PPH WOOD SCREW | STEEL |
| 12 | NON STRUCTURAL SEALANT | SILICONE |
| 13 | STRUCTURAL SILICONE (DOW 995) | SILICONE |
| 15 | EXT. FRAME (BY ROYAL MOLDINGS) | PVC |
| 16 | INT. FRAME (BY ROYAL MOLDINGS) | PVC |
| 17 | SCREW CAP (BY ROYAL MOLDINGS) | PVC |
| 22 | 3 POINT TONGUE MULTIPoint LOCKSET (Mfg. BY HOPPE) | STEEL |
| 23 | MULTIPoint STRIKE PLATE (TONGUE SYSTEM) | STEEL |
| 25 | LATCH AND DEADBOLT STRIKE PLATE (TONGUE SYSTEM) | STEEL |
| 27 | LATCH STRIKE PLATE | STEEL |
| 28 | DEADBOLT STRIKE PLATE (SECURITY) | STEEL |
| 29 | ADA THRESHOLD | ALUM. |
| 30 | OUTSWING THRESHOLD | ALUM/WOOD |
| 31 | OUTSWING THRESHOLD | ALUM/WOOD |
| 32 | OUTSWING THRESHOLD | ALUM/WOOD |
| 33 | OUTSWING THRESHOLD | ALUM/COMP |
| 34 | OUTSWING THRESHOLD | ALUM/WOOD |
| 36 | INSWING THRESHOLD | ALUM/WOOD |
| 37 | INSWING THRESHOLD | ALUM/COMP |
| 38 | INSWING THRESHOLD | ALUM/WOOD |
| 40 | DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS | ALUM/COMP |
| 55 | #10 X 1-1/2" PPH SCREW | STEEL |
| 57 | BACKING PLATE | STEEL |
| 58 | #8 X 2" PPH WS | STEEL |
| 60 | MULTIPoint STRIKE PLATE | STEEL |
| 62 | LOCK ASSEMBLY | STEEL |

| | | |
|--|---|---|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | PART OR ASSEMBLY: BILL OF MATERIALS | Documents Prepared By:  BUILDING CONSULTANTS, INC. P.O. Box 230 VeroBe FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 EFS 2.16.12 Lyndon F. Schmidt, P.E. No. 43409 |
| | | DATE: 02/16/12 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-15210.4 SHEET 10 OF 10 |

Product Evaluation Report Report No.: **FL-15210.4**
Date: **February 16, 2012**

| Product Category | Sub Category | Manufacturer | Product Name |
|------------------|-----------------------------------|--|--|
| Exterior Doors | Swinging Exterior Door Assemblies | Plastpro, Inc. 5200 W. Century Blvd. Los Angeles, CA 90045 Phone 440.969.9773 | Smooth / Wood Grain / White Wood Grain Rustic / Mahogany Series O Fiberglass Door Inswing/Outswing - "Impact" |

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Plastpro, Inc. based on Rule Chapter No. 9N-3, Method 1d of the State of Florida Product Approval, Department of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

- This product has been evaluated and is in compliance with the 2010 Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ" this product complies with section 1626 of the Florida Building Code and does not require an impact resistant covering.
- When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2010 FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and Section 1609.1.2.4 of the FBC.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of drawing FL-15210.4 require further engineering analysis by a licensed engineer or registered architect.
- Outswing configurations meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
- See drawing FL-15210.4 for size and design pressure limitations.

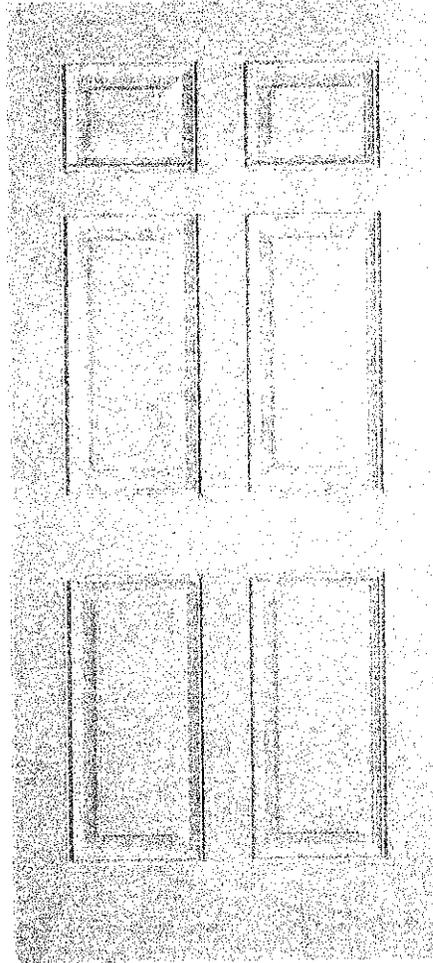
Supporting Documents:

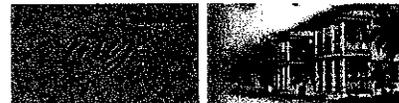
- | | | | |
|---|---|--|--|
| 1. Test Report No. TEL 01390365 ETC-05-255-16776.0 ETC-06-255-17412.0 ETC-07-209-19303.0 | Test Standard TAS 201-94, 202-94 & TAS 203-94 ASTM D 635-98, 638-03, 1929-96 & 2843-99 ASTM G 26-95 ASTM E 84-05 ASTM D 635-98, 638-03, 1929-96 & 2843-99 | Testing Laboratory Testing Evaluation Lab., Inc. ETC Laboratories ETC Laboratories ETC Laboratories | Signed by Lyndon F. Schmidt, P.E. Joseph L. Doldan, P.E. Joseph L. Doldan, P.E. Ben Meunier |
| 2. Miami-Dade NOA 09-0127.13 | Materials Saflex Interlayer by Solutia | | |
| 3. Drawing No. No. FL-15210.4 | Prepared by RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by Lyndon F. Schmidt, P.E. |
| 4. Calculations Anchoring ASTM E 1300 Glass Load | Prepared by RW Building Consultants, Inc. (CA #9813) Lyndon F. Schmidt, P.E. | | Signed & Sealed by Lyndon F. Schmidt, P.E. |
| 5. Quality Assurance Certificate of Participation issued by National Accreditation and Management Institute, certifying that Plastpro, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

Lyndon F. Schmidt

Lyndon F. Schmidt, P.E.
FL PE No. 43409
2/17/2012

CAB
APPROVED
With Conditions





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

Florida Department of
**Business & Professional
 Regulation**

[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 # | FL15210-R3 | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------|-------------|------------|------|------------|------|-----------|------|-----------|------|------------|------|----------|------|----------|------|-------|------|-------------------|------|
| Application Type | Editorial Change | | | | | | | | | | | | | | | | | | | | |
| Code Version | 2010 | | | | | | | | | | | | | | | | | | | | |
| Application Status | Approved | | | | | | | | | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | | | | | | | | | |
| Archived | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | |
| Product Manufacturer | Plastpro Inc. / Nanya Plastics Corp. | | | | | | | | | | | | | | | | | | | | |
| Address/Phone/Email | 5200 W CENTURY BLVD. LOS ANGELES, CA 90045 (440) 969-9773 Ext 16 rickw@rwbldgconsultants.com | | | | | | | | | | | | | | | | | | | | |
| Authorized Signature | Vivian Wright rickw@rwbldgconsultants.com | | | | | | | | | | | | | | | | | | | | |
| Technical Representative | Scott Johnson | | | | | | | | | | | | | | | | | | | | |
| Address/Phone/Email | 5200 W Century Blvd. Los Angeles, CA 90045 (440) 969-9773 Ext 18 scottjohnson@plastproinc.com | | | | | | | | | | | | | | | | | | | | |
| Quality Assurance Representative | Ron O'Connell | | | | | | | | | | | | | | | | | | | | |
| Address/Phone/Email | 5200 W Century Blvd. Los Angeles, CA 90045 (440) 969-9773 Ext 16 ronoconnell@plastpro.com | | | | | | | | | | | | | | | | | | | | |
| Category | Exterior Doors | | | | | | | | | | | | | | | | | | | | |
| Subcategory | Swinging Exterior Door Assemblies | | | | | | | | | | | | | | | | | | | | |
| 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 | National Accreditation and Management Institute | | | | | | | | | | | | | | | | | | | | |
| Quality Assurance Contract Expiration Date | 12/31/2014 | | | | | | | | | | | | | | | | | | | | |
| Validated By | Ryan J. King, P.E. <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received | | | | | | | | | | | | | | | | | | | | |
| Certificate of Independence | FL15210 R3 COI 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 D1929</td><td>1996</td></tr> <tr><td>ASTM D2843</td><td>1999</td></tr> <tr><td>ASTM D635</td><td>1998</td></tr> <tr><td>ASTM D638</td><td>2003</td></tr> <tr><td>ASTM E1300</td><td>2004</td></tr> <tr><td>ASTM E84</td><td>2005</td></tr> <tr><td>ASTM G26</td><td>1995</td></tr> <tr><td>G 155</td><td>2005</td></tr> <tr><td>TAS 201, 202, 203</td><td>1994</td></tr> </tbody> </table> | Standard | Year | ASTM D1929 | 1996 | ASTM D2843 | 1999 | ASTM D635 | 1998 | ASTM D638 | 2003 | ASTM E1300 | 2004 | ASTM E84 | 2005 | ASTM G26 | 1995 | G 155 | 2005 | TAS 201, 202, 203 | 1994 |
| Standard | Year | | | | | | | | | | | | | | | | | | | | |
| ASTM D1929 | 1996 | | | | | | | | | | | | | | | | | | | | |
| ASTM D2843 | 1999 | | | | | | | | | | | | | | | | | | | | |
| ASTM D635 | 1998 | | | | | | | | | | | | | | | | | | | | |
| ASTM D638 | 2003 | | | | | | | | | | | | | | | | | | | | |
| ASTM E1300 | 2004 | | | | | | | | | | | | | | | | | | | | |
| ASTM E84 | 2005 | | | | | | | | | | | | | | | | | | | | |
| ASTM G26 | 1995 | | | | | | | | | | | | | | | | | | | | |
| G 155 | 2005 | | | | | | | | | | | | | | | | | | | | |
| TAS 201, 202, 203 | 1994 | | | | | | | | | | | | | | | | | | | | |
| Equivalence of Product Standards Certified By | | | | | | | | | | | | | | | | | | | | | |

Florida Licensed Professional Engineer or Architect
 FL15210_R3_Equiv_of_STANDARDS.pdf

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

05/02/2013

Date Validated

05/02/2013

Date Pending FBC Approval

05/07/2013

Date Approved

06/11/2013

| Summary of Products | | |
|---|--|---|
| FL # | Model, Number or Name | Description |
| 15210.1 | a. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Opaque Fiberglass Single Door - Inswing/Outswing (X - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.1 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.1.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.1.pdf Created by Independent Third Party: Yes |
| 15210.2 | b. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Opaque Fiberglass Single Door with Sidelite or Sidelites - Inswing/Outswing (OX or XO; OXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.2 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.2.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.2.pdf Created by Independent Third Party: Yes |
| 15210.3 | c. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Opaque Fiberglass Double Door with or without Sidelites - Inswing/Outswing (XX; OXXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.3 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.3.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.3.pdf Created by Independent Third Party: Yes |
| 15210.4 | d. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Glazed Fiberglass Single Door - Inswing/Outswing (X - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.4 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.4.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.4.pdf Created by Independent Third Party: Yes |
| 15210.5 | e. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Glazed Fiberglass Single Door with Sidelite or Sidelites - Inswing/Outswing (OX or XO; OXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.5 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.5.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.5.pdf Created by Independent Third Party: Yes |
| 15210.6 | f. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 6'8 "Impact" Glazed Fiberglass Double Door with or without Sidelites - Inswing/Outswing (XX; OXXO - Configurations) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.6 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_INST_15210.6.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_EVAL_15210.6.pdf Created by Independent Third Party: Yes |
| 15210.7 | g. Smooth/Wood Grain/White Wood Grain/Rustic/Mahogany Series O Fiberglass Door | 8'0 "Impact" Glazed Fiberglass Single Door - Outswing (X - Configuration) |
| Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See INST 15210.7 for Design Pressure Ratings, any additional use limitations, installation instructions and product particulars. | | Installation Instructions FL15210_R3_II_Inst_15210.7.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL15210_R3_AE_Eval_15210.7.pdf Created by Independent Third Party: Yes |
| 15210.8 | | |



plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

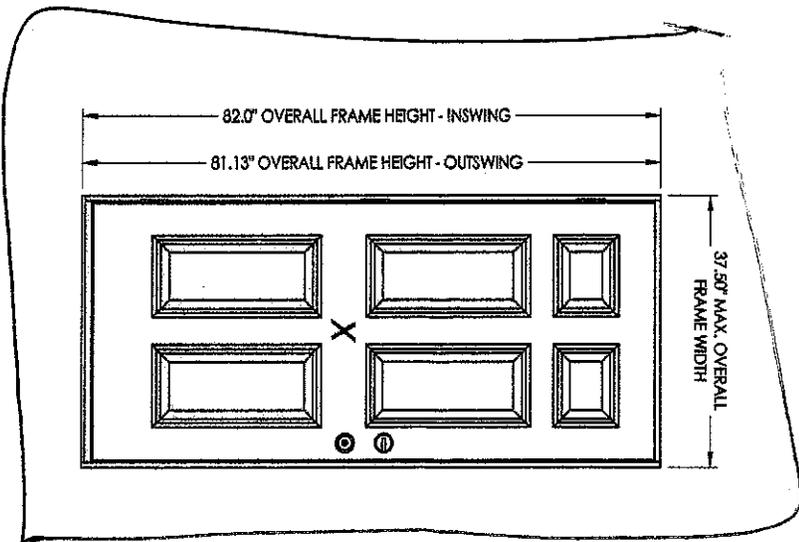
**Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
INSWING / OUTSWING
"IMPACT"**

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 2010 Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2010 FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASIM E 1996 and Section 1609.1.2.4 of the FBC.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x brick masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or of habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS

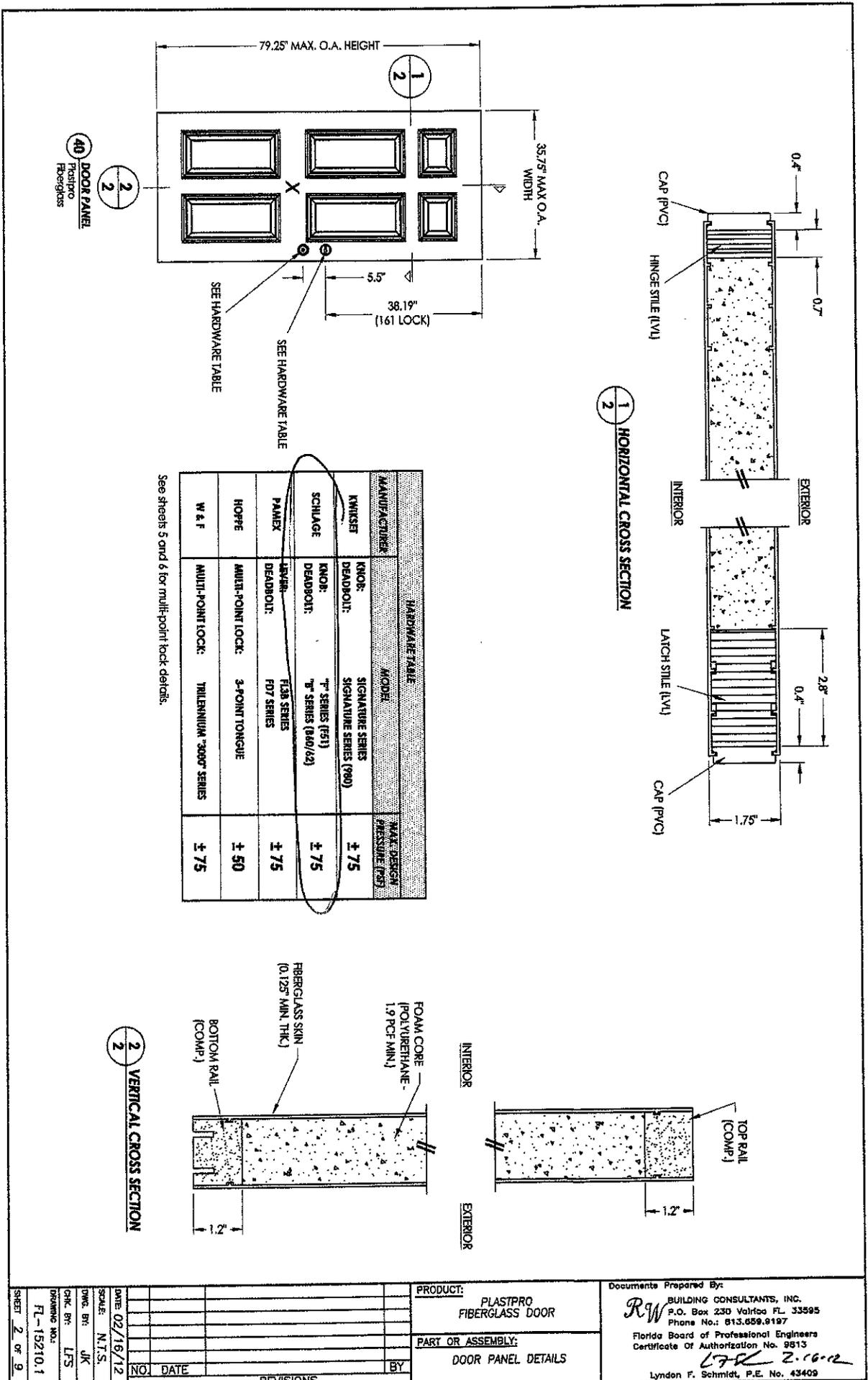
| SHEET | DESCRIPTION |
|-------|--|
| 1 | Typical elevation, design pressures, & general notes |
| 2 | Door panel details |
| 3 | Horizontal cross section |
| 4 | Vertical cross sections |
| 5 | 3-point lock details |
| 6 | 3-point lock details |
| 7 | Buck and frame anchoring |
| 8 | Components |
| 9 | Bill of materials |



| SWING | MAX. PANEL DIMENSION | DESIGN PRESSURE (PSF) |
|----------|----------------------|-----------------------|
| | | POSITIVE / NEGATIVE |
| INSWING | 37.50" x 82.00" | +75.0 / -75.0 |
| OUTSWING | 37.50" x 81.13" | +75.0 / -75.0 |

See sheet 2 for hardware design pressure limitations

| | |
|---|--|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Venice FL 33595 Phone No. 813.859.9197 |
| | PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES |
| DATE: _____ BY: _____ | REVISIONS: _____ |
| SCALE: N.T.S. DATE: 02/16/12 DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-15210.1 | SHEET 1 OF 9 |

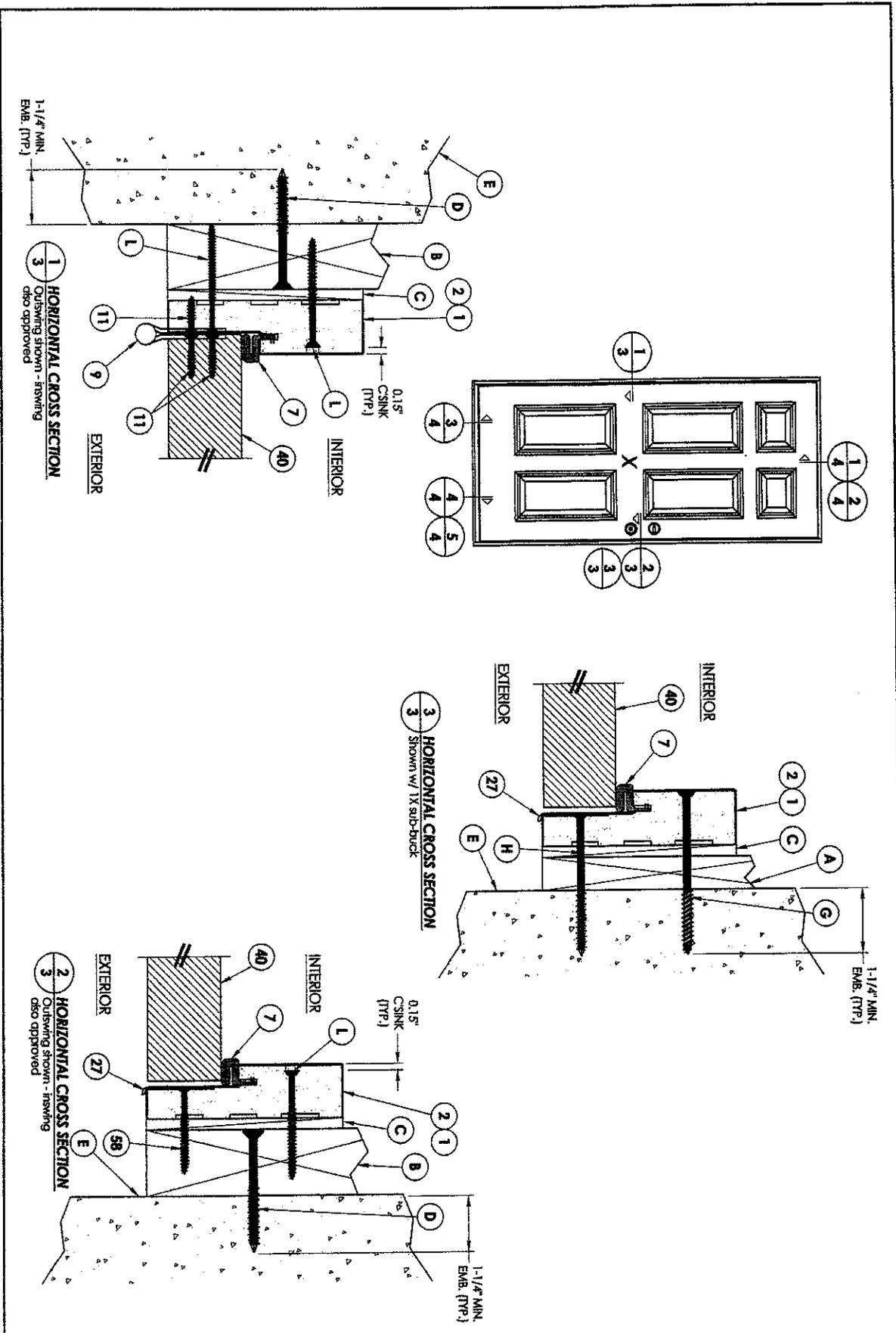


40 DOOR PANEL
Plastpro
Fiberglass

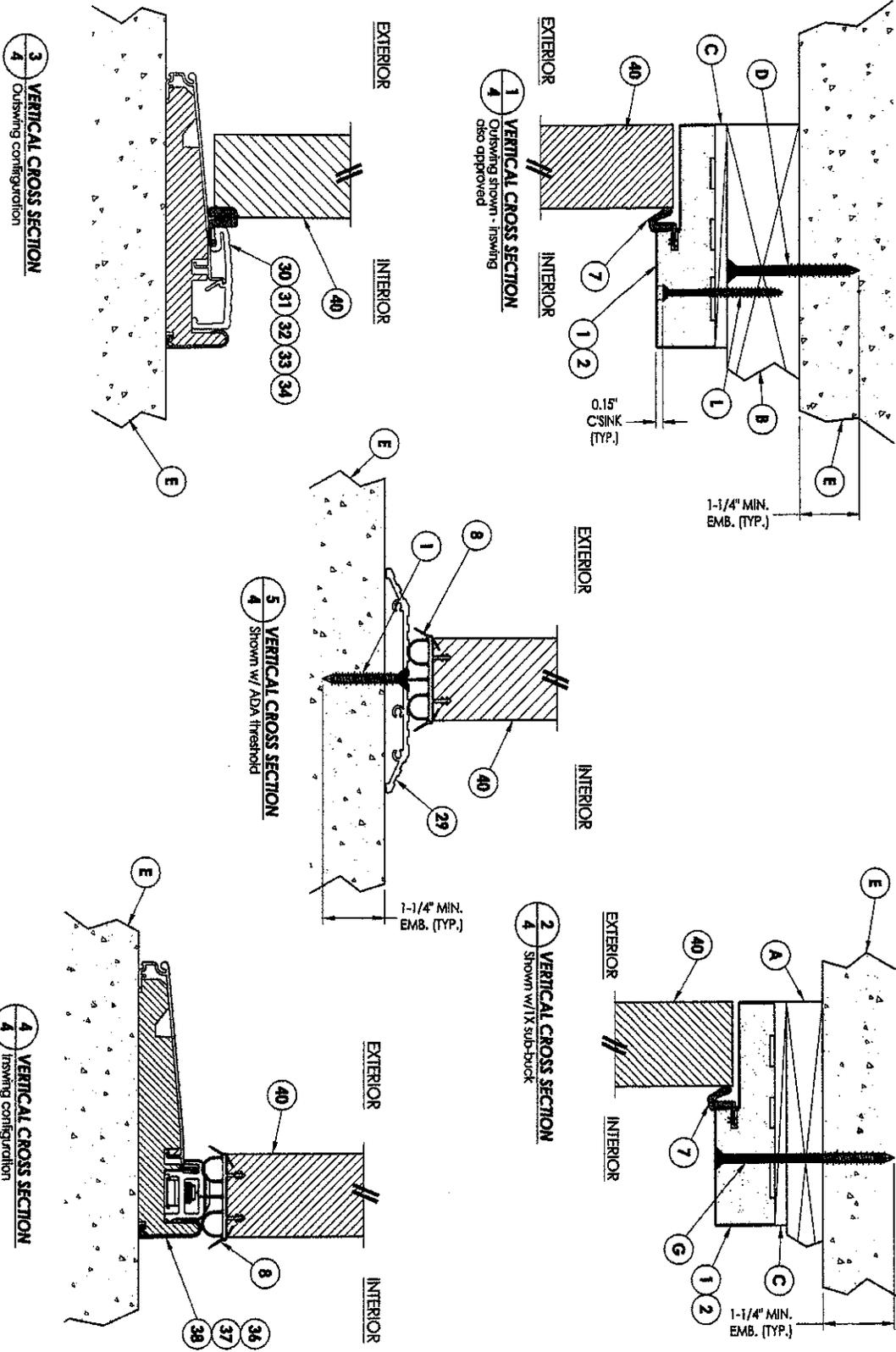
| MANUFACTURER | | HARDWARE TABLE | | MAX. DESIGN PRESSURE (PSI) | |
|--------------|-------------------|----------------|--------------------------|----------------------------|--|
| KINSET | KNOB: | KNOB: | SIGNATURE SERIES | ± 75 | |
| | DEADBOLT: | | SIGNATURE SERIES (90) | | |
| SCHLAGE | KNOB: | | "F" SERIES (F51) | ± 75 | |
| | DEADBOLT: | | "B" SERIES (B40/B2) | | |
| PANEX | LEVER: | | FL38 SERIES | ± 75 | |
| | DEADBOLT: | | F07 SERIES | | |
| HOPPE | MULTI-POINT LOCK: | | 3-POINT TONGUE | ± 50 | |
| W & F | MULTI-POINT LOCK: | | MILLENNIUM "3000" SERIES | ± 75 | |

See sheets 5 and 6 for multi-point lock details.

| | | | |
|---|------|---|---|
| DATE: 02/16/12 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-15210.1 SHEET 2 OF 9 | | PRODUCT: PLASTPRO FIBERGLASS DOOR PART OR ASSEMBLY: DOOR PANEL DETAILS | Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43409 |
| NO. | DATE | REVISIONS | BY |

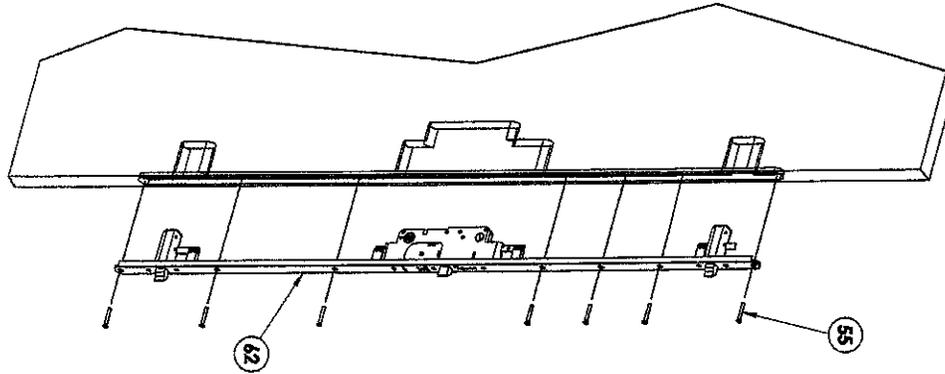


| | | | |
|--|------|--|--|
| DATE: 02/16/12 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-15210.1 SHEET: 3 OF 9 | | PRODUCT: PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS | Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Vero Beach, FL 33595 Phone No.: 813.659.9187 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43409 |
| NO. | DATE | BY | REVISIONS |

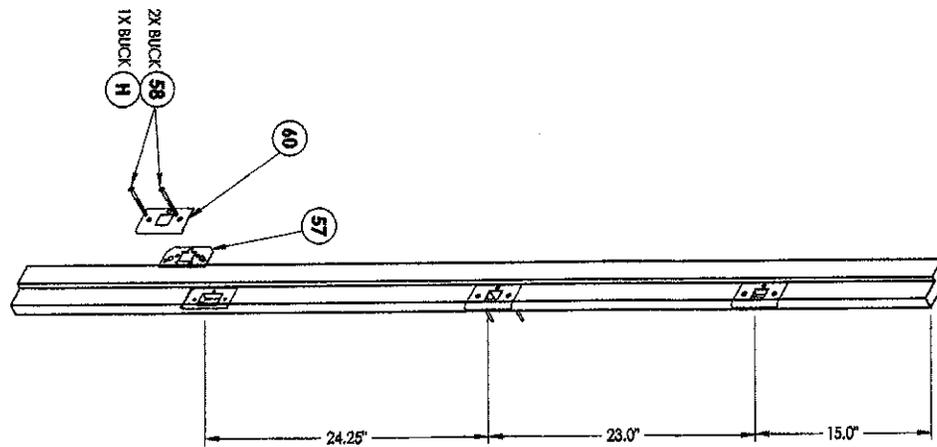


| | | | |
|---|------|---|-----------|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR | | Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.858.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43409 | |
| PART OR ASSEMBLY: VERTICAL CROSS SECTIONS | | DATE: 02/16/12 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-15210.1 SHEET 4 OF 9 | |
| NO. | DATE | BY | REVISIONS |
| | | | |

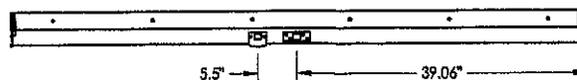
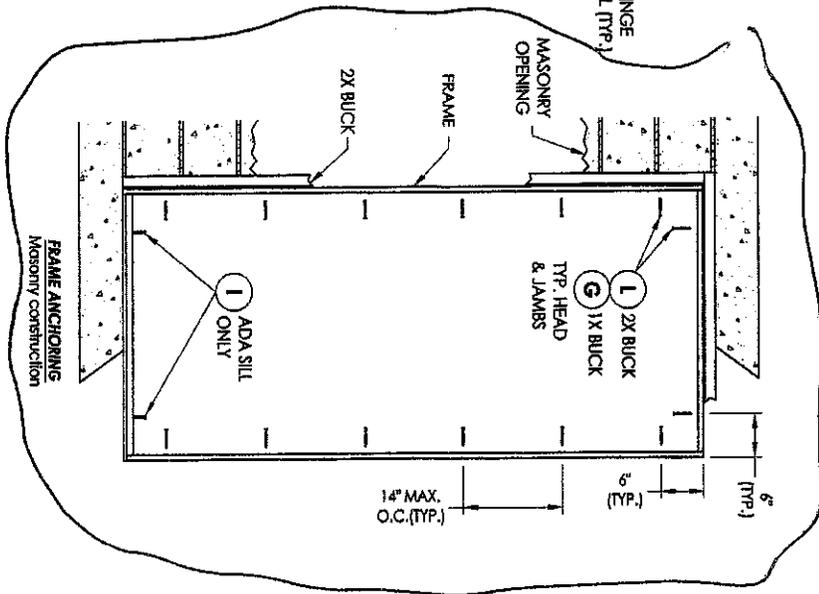
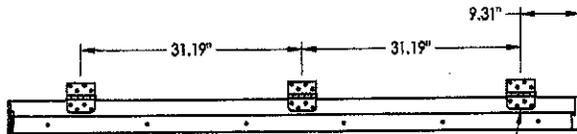
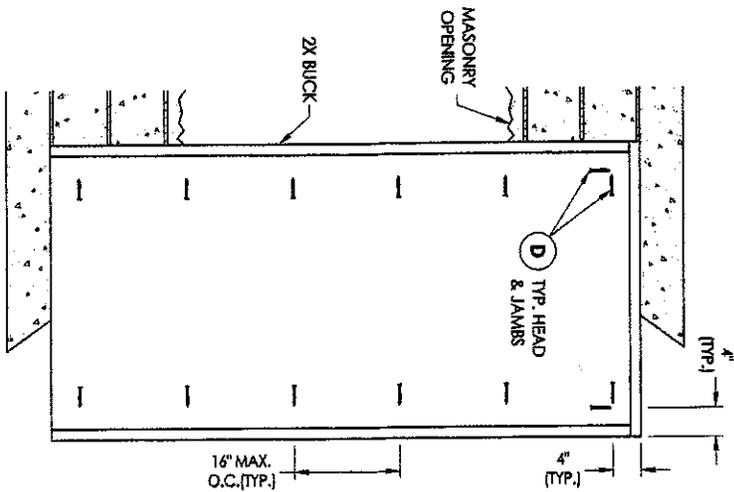
W & F Titanium 3000 SERIES
3 pt. Lock



STRIKE JAMB DETAIL

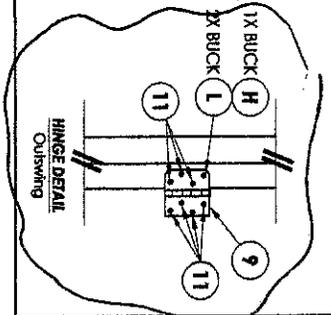
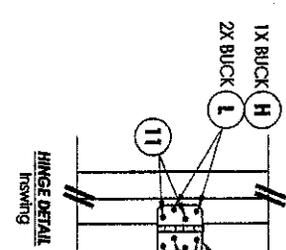
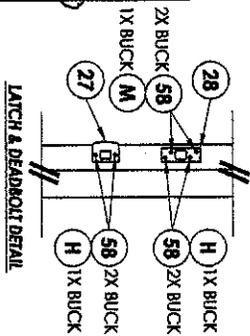


| | | | | | | | | | | | |
|--------------|----------------------------|--------------|-------------|---------------|----------------|-----|------|-----------|----|---|--|
| SHEET 5 OF 9 | DRAWING NO.: FL-15210.1 | CHK. BY: LFS | DWG. BY: JK | SCALE: N.T.S. | DATE: 02/16/12 | NO. | DATE | REVISIONS | BY | PRODUCT: PLASTPRO FIBERGLASS DOOR | Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 <i>RF 2-16-12</i> Lyndon F. Schmidt, P.E. No. 43409 |
| | | | | | | | | | | PART OR ASSEMBLY: 3-POINT LOCK DETAILS | |

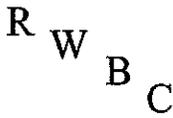


- CONCRETE ANCHOR NOTES:**
1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
 2. Concrete anchor locations of the corners may be adjusted to maintain the min. edge distance to mortar joints. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
 3. Concrete anchor table:

| ANCHOR TYPE | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|-------------|-------------|----------------|--------------------------------|-----------------------------------|
| 1/2" | 1/2" | 1-1/4" | 2-1/2" | 3" |
| 3/8" | 3/8" | 1-1/4" | 1" | 4" |
| 3/16" | 3/16" | 1-1/4" | 2-5/8" | 2-1/4" |



| | | | | | | | | | | | | |
|--------------|-------------------------|--------------|----------------|---------------|--------------|--|--|-----|-----------|-----|------|--|
| SHEET 7 of 9 | DRAWING NO.: FL-15210.1 | CHK. BY: LFS | DATE: 02/16/12 | SCALE: N.T.S. | DESIGNER: JK | PROJECT: PLASTPRO INC. FIBERGLASS DOOR | PART OR ASSEMBLY: BUCK AND FRAME ANCHORING | BY: | REVISIONS | NO. | DATE | Documents Prepared By: |
| | | | | | | | | | | | | RW BUILDING CONSULTANTS, INC. P.O. Box 230 Vero Beach, FL 33595 Phone No.: 813.659.0197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 Lynden F. Schmidt, P.E. No. 43409 |



R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197

Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report Report No.: **FL-15210.1**
Date: **February 16, 2012**

| Product Category | Sub Category | Manufacturer | Product Name |
|------------------|-----------------------------------|--|--|
| Exterior Doors | Swinging Exterior Door Assemblies | Plastpro, Inc. 5200 W. Century Blvd. Los Angeles, CA 90045 Phone 440.969.9773 | Smooth / Wood Grain / White Wood Grain Rustic / Mahogany Series O Fiberglass Door Inswing/Outswing - "Impact" |

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Plastpro, Inc. based on Rule Chapter No. 9N-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

- Limitations:**
- This product has been evaluated and is in compliance with the 2010 Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
 - Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
 - When used in the "HVHZ" this product complies with section 1626 of the Florida Building Code and does not require an impact resistant covering.
 - When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2010 FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and Section 1609.1.2.4 of the FBC.
 - For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
 - Site conditions that deviate from the details of drawing FL-15210.1 require further engineering analysis by a licensed engineer or registered architect.
 - Outswing configurations meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
 - See drawing FL-15210.1 for size and design pressure limitations.

Supporting Documents:

| | | | |
|--|---|--|--|
| <p>1. Test Report No. TEL 01390365 ETC-05-255-16776.0</p> <p>ETC-06-255-17412.0 ETC-07-209-19303.0</p> <p>2. Drawing No. No. FL-15210.1</p> <p>3. Calculations Anchoring ASTM E 1300 Glass Load</p> <p>4. Quality Assurance Certificate of Participation issued by National Accreditation and Management Institute, certifying that Plastpro, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.</p> | <p>Test Standard TAS 201-94, 202-94 & TAS 203-94 ASTM D 635-98, 638-03, 1929-96 & 2843-99 ASTM G 26-95 ASTM E 84-05 ASTM D 635-98, 638-03, 1929-96 & 2843-99</p> <p>Prepared by RW Building Consultants, Inc. (CA #9813)</p> <p>Prepared by RW Building Consultants, Inc. (CA #9813) Lyndon F. Schmidt, P.E.</p> | <p>Testing Laboratory Testing Evaluation Lab., Inc. ETC Laboratories</p> <p>ETC Laboratories ETC Laboratories</p> | <p>Signed by Lyndon F. Schmidt, P.E. Joseph L. Doldan, P.E.</p> <p>Joseph L. Doldan, P.E. Ben Meunier</p> <p>Signed & Sealed by Lyndon F. Schmidt, P.E.</p> <p>Signed & Sealed by Lyndon F. Schmidt, P.E.</p> |
|--|---|--|--|

Lyndon F. Schmidt, P.E.
FL PE No. 43409
2/17/2012